Paulette Satterley
14601 Guadalupe Dr.
Rancho Murieta, Ca 95683
Telephone 916-768-2003

September 21, 2009

Ms. Barbara Jakub
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: Fuel Leak Case No: RO0000133

Enclosed please find the First Quarter 2009 Groundwater Monitoring Report for the former City of Paris Cleaners site located at 3516 Adeline Street, Oakland, CA 94608 and dated July 6th, 2009. This report was prepared by Taber Consultants of West Sacramento, California.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document are true and correct to the best of my knowledge.

Please update your records indicating that as of 2008 I have been the responsible party for this site.

Sincerely,

Paulette Satterley

Paulette Satterley

FIRST QUARTER 2009
QUARTERLY MONITORING REPORT

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

USTCF Claim #002192

Taber Project # 051074

Prepared For:

Ms. Paulette Satterley
14601 Guadalupe Drive
Rancho Murieta, CA 95683

Prepared By:

Taber Consultants
3911 West Capitol Avenue
West Sacramento, CA 95691

July 6, 2009

Taber
Since 1954

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

1.0 INTRODUCTION

1.1 Project Description

On behalf of the responsible party, Taber Consultants has prepared this *First Quarter 2009 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 place 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

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 ug/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.

Taber Consultants (Taber), formerly Western Resource Management (WRM), assumed environmental consulting responsibilities for the site commencing in June 2007.

2.0 GROUNDWATER MONITORING, SAMPLING, AND ANALYSIS

On February 19, 2009, to comply with quarterly groundwater monitoring requirements, Taber 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 8.22 feet below ground surface (bgs) in MW-2 to 11.11 in MW-3. Groundwater surface elevations ranged from a high of 9.09 feet above mean sea level (msl) in MW-2 to a low of 6.33 feet above msl at MW-3. The direction of groundwater flow is to the southeast at a gradient of 0.138 feet per foot. A groundwater surface contour map is included as Figure 3 and groundwater elevation data are summarized in Tables 1 and 2. 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) and Total Petroleum Hydrocarbons as gasoline (TPH-G) by EPA Method 8015B, benzene, toluene, ethyl benzene and xylenes (BTEX), and oxygenate methyl tertiary butyl ether (MTBE) by EPA Method 8260B.

This quarter, dissolved TPH-SS were detected in groundwater samples collected from MW-1, MW-2 and MW-3 at 500, 300 and 1500 µg/l, respectively. Dissolved TPH-G were detected in groundwater samples collected from MW-1, MW-2 and MW-3 at 3,100, 300 and 1,300 µg/l, respectively. Dissolved MTBE was detected in groundwater samples collected from MW-2 and MW-3 at 3.4 and 9.0 µg/l, respectively. Dissolved BTEX were below minimum laboratory detection limits in all wells sampled. All tested analytes were below laboratory detection limits in W-IND.

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 Tables 1 and 2 and the laboratory reports, notes, and comments are included in Appendix B.

3.0 CONCLUSIONS AND RECOMMENDATIONS

After the fourth quarter 2007 sampling event, dissolved TPH-SS appears to have decreased and remained an order of magnitude lower than previous sampling events in MW-1 and MW-3, while it has fluctuated from 1,100 µg/l to non-detect in MW-2. Dissolved TPH-G has similarly decreased and remained an order of magnitude lower than from the fourth quarter 2007 sampling event for wells MW-1, MW-2 and MW-3 and remained non-detect in W-IND.

Between December 18, 2008 and February 19, 2009, dissolved TPH-SS concentrations decreased by 9,400 µg/l in MW-1 and by 3,500 µg/l in MW-3. Dissolved TPH-SS concentrations remained non-detect in MW-2 and W-IND. Dissolved TPH-G concentrations increased by 400 µg/l in MW-1, increased from non-detect to 300 µg/l in MW-2, and increased by 700 µg/l in MW-3. Dissolved TPH-G concentrations remained non-detect in W-IND. Dissolved MTBE concentrations decreased in MW-2 and MW-3 by 3.9 and 11 µg/l, respectively. Benzene concentrations were non-detect in all groundwater samples this quarter.

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 been provided to ACHSA.

4.0 REPORT DISTRIBUTION

Ms. Paulette Satterley
14601 Guadalupe Drive
Rancho Murieta, CA 95683

Ms. Barbara Jakub
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.

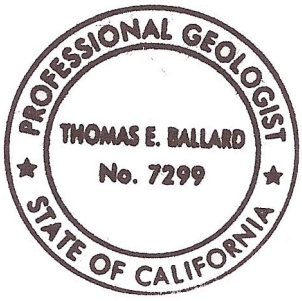
This report has been prepared solely for the use of Ms. Paulette Satterley. Any reliance on this report by third parties shall be at such parties' sole risk. The work described herein was performed under the direct supervision of the professional geologist, registered with the State of California, whose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

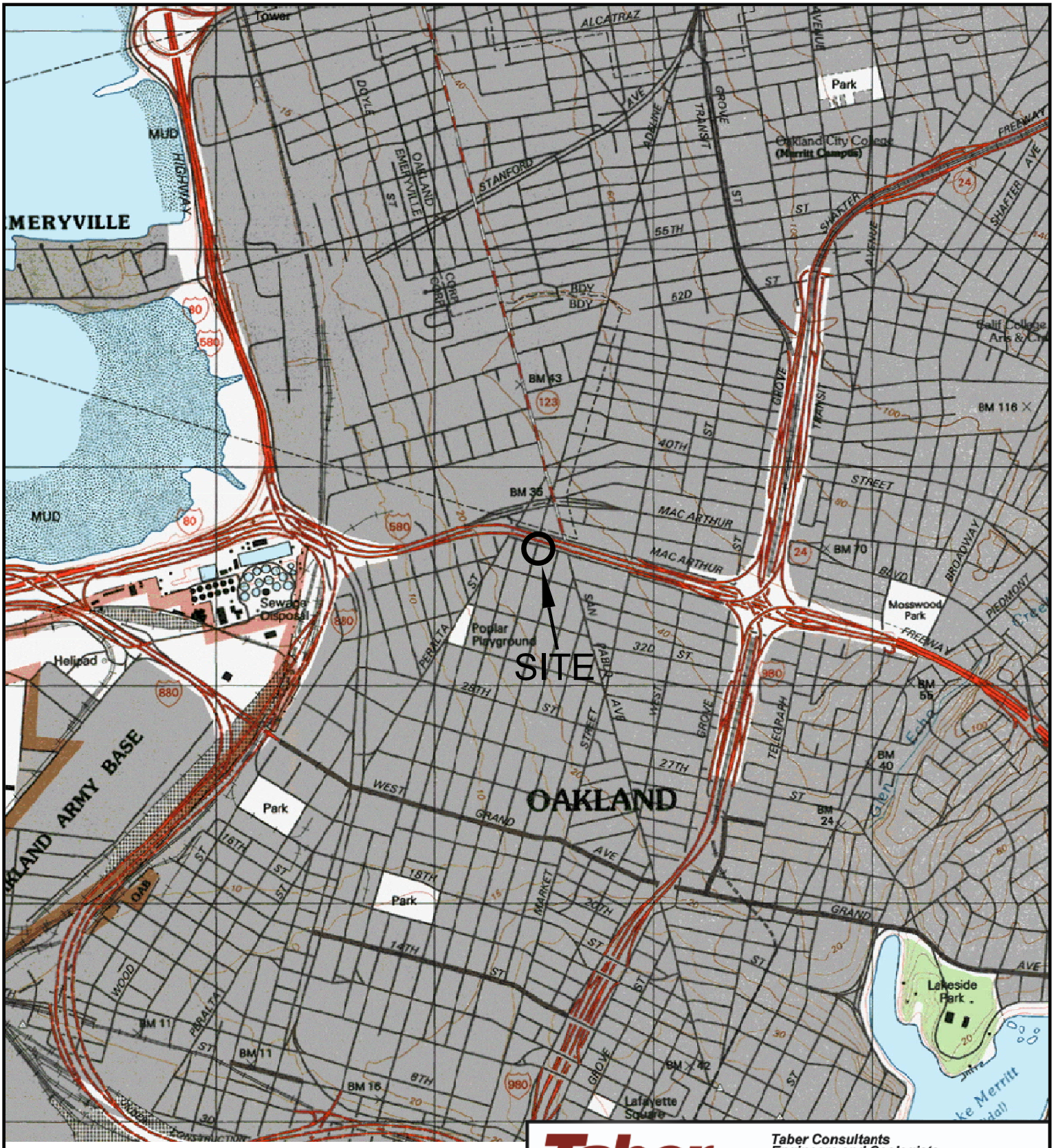
Taber Consultants

Martin A. Wills
Project Manager



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

FIGURES



N

Scale: 1:24,000

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

Taber
Since 1954

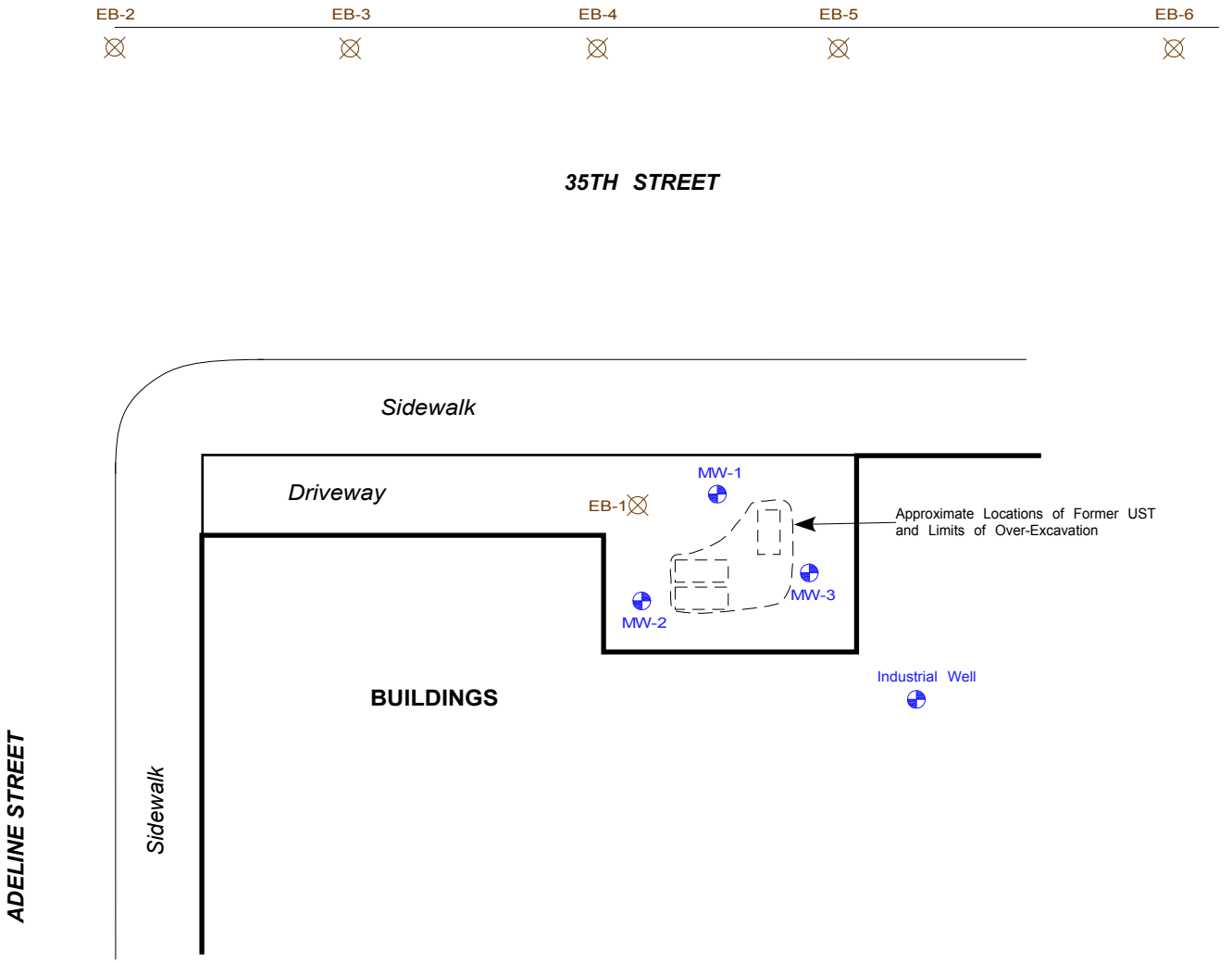
Taber Consultants
Engineers and Geologists
3911 West Capitol Avenue
West Sacramento, CA 95691-2116
916.371.1690 Fax 916.371.7265
www.taberconsultants.com

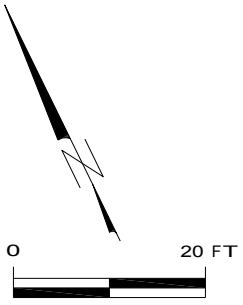
Former City of Paris Cleaners

3516 Adeline Street
Oakland, California

Site Location Map

051074	February 19, 2009	Figure - 1





LEGEND

EB-1 SOIL BORING (1998)

MW-1 GROUNDWATER MONITORING WELL

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

Taber Since 1954

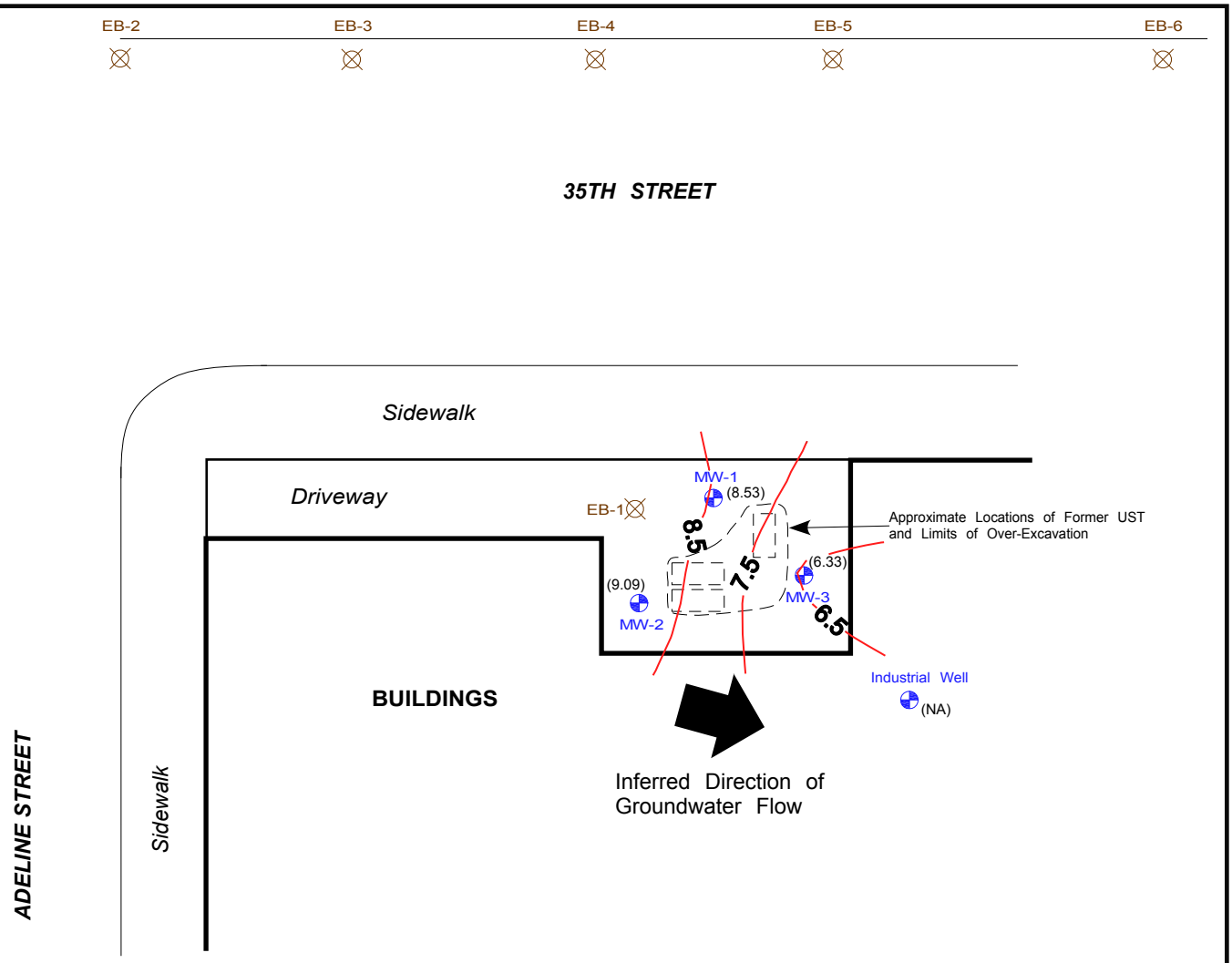
Taber Consultants
Engineers and Geologists
3911 West Capitol Avenue
West Sacramento, CA 95691-2116
916.371.1690 Fax 916.371.7265
www.taberconsultants.com

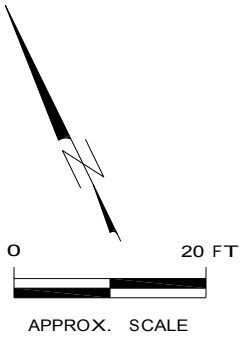
Former City of Paris Cleaners

3516 Adeline Street
Oakland, California

Site Map

051074	February 19, 2009	Figure - 2





LEGEND

- EB-1 SOIL BORING (1998)
- MW-1 GROUNDWATER MONITORING WELL
- GROUNDWATER CONTOUR
- (3.30) GROUNDWATER ELEVATION (FT AMSL)
- NA = GROUNDWATER ELEVATION NOT USED IN CONTOUR CONSTRUCTION

Taber Since 1954

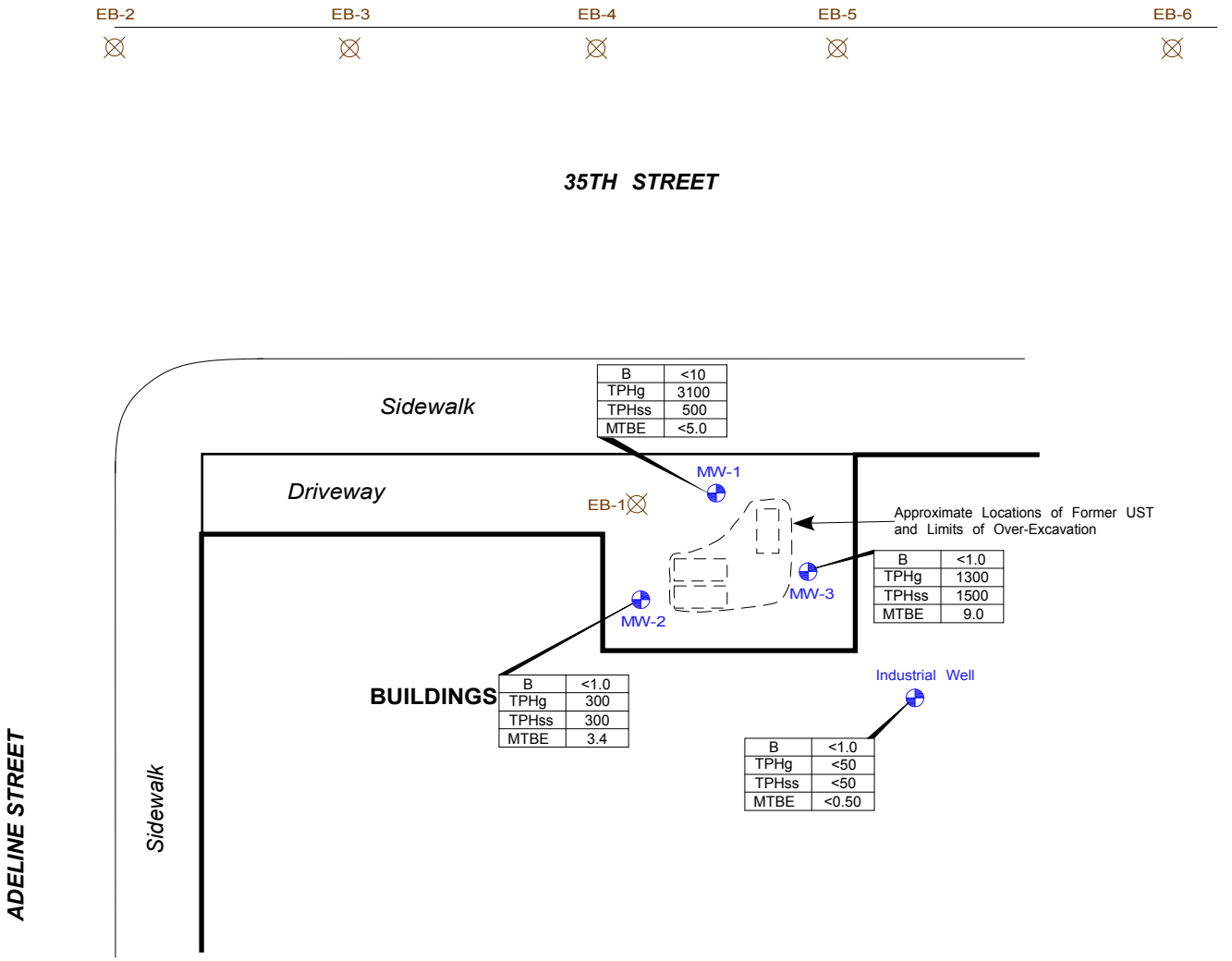
Taber Consultants
Engineers and Geologists
3911 West Capitol Avenue
West Sacramento, CA 95691-2116
916.371.1690 Fax 916.371.7265
www.taberconsultants.com

Former City of Paris Cleaners

3516 Adeline Street
Oakland, California

Groundwater Elevations

051074	February 19, 2009	Figure - 3



LEGEND

EB-1 SOIL BORING (1998)

MW-1 GROUNDWATER MONITORING WELL

B	<1.0
TPHg	250
TPHss	300
MTBE	<0.50

- B: BENZENE CONCENTRATION IN MICROGRAMS PER LITER (ug/ L)
- TPHg: TOTAL PETROLEUM HYDROCARBONS AS GASOLINE IN ug/ L
- TPHss: TOTAL PETROLEUM HYDROCARBONS AS STODDARD SOLVENT IN ug/ L
- MTBE: METHYL TERTIARY BUTYL ETHER IN ug/ L

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

Taber Since 1954
Taber Consultants
Engineers and Geologists
3911 West Capitol Avenue
West Sacramento, CA 95691-2116
916.371.1690 Fax 916.371.7265
www.taberconsultants.com

Former City of Paris Cleaners

3516 Adeline Street
Oakland, California

Groundwater Analytical Data

051074	February 19, 2009	Figure - 4

TABLES

TABLE 1
GROUNDWATER MONITORING AND ANALYTICAL RESULTS
CURRENT QUARTER
City of Paris Cleaners
3516 Adeline Street, Oakland, California 94608

		Monitoring Summary			Analytical Summary						
Well ID	Date	Top of Casing	Depth to Water	Groundwater Elevation	TPH-SS	TPH-G	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
		← ft bgs →			← ug/l →						
Groundwater Sample Locations											
MW-1	02/19/09	17.44	8.91	8.53	500	3100	<10	<10	<10	<10	<5
MW-2	02/19/09	17.31	8.22	9.09	300	300	<1	<1	<1	<1	3.4
MW-3	02/19/09	17.44	11.11	6.33	1500	1300	<1	1	<1	<1	9
W-IND	02/19/09	NA	9.74	--	<50	<50	<1	<1	<1	<1	<0.5

Explanation:
TPH-G = Total petroleum hydrocarbons as gasoline, analyzed by EPA Method 8015B.
TPH-SS = Total petroleum hydrocarbons as stoddard solvent, analyzed by the 8015B.
Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B.
MTBE = Methyl tertiary-butyl ether, analyzed by EPA Method 8260B.

fbg = Feet below grade.
NA = Data not available
<n = Below laboratory detection limit of n ppm.
-- = not analyzed

TABLE 2
GROUNDWATER MONITORING AND ANALYTICAL RESULTS
SUMMARY
City of Paris Cleaners
3516 Adeline Street, Oakland, California 94608

		Monitoring Summary			Analytical Summary						
Well ID	Date	Top of Casing	Depth to Water	Groundwater Elevation	TPH-SS	TPH-G	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE
		ft bgs			ug/l						
Groundwater Sample Locations											
MW-1	03/22/02	17.44	8.97	8.47	11000	--	--	--	--	--	<5.0
MW-1	04/15/03	17.44	9.23	8.21	3900	--	<2.5	<2.5	<2.5	3	9
MW-1	03/26/04	17.44	10.32	7.12	30000	24000	<50	<50	<50	<50	<500
MW-1	09/30/04	17.44	11.53	5.91	3800	2600	<0.5	<0.5	<0.5	2.7	<5
MW-1	09/09/05	17.44	13.63	3.81	15000	11000	<5	<5	<5	15	<50
MW-1	11/30/07	17.44	13.95	3.49	--	--	--	--	--	--	--
MW-1	12/20/07	17.44	11.51	5.93	45000	110000	20	50	20	100	<5
MW-1	05/23/08	17.44	14.14	3.3	4200	<500	<1	<1	<1	20	<0.50
MW-1	08/12/08	17.44	13.78	3.66	4000	12000	<1	<1	<1	<1	<0.50
MW-1	12/18/08	17.44	10.71	6.73	9900	2700	<1	<1	<1	<1	<0.50
MW-1	02/19/09	17.44	8.91	8.53	500	3100	<10	<10	<10	<10	<5
MW-2	03/22/02	17.31	8.82	8.49	170	13000	410	1000	210	1100	<5.0
MW-2	04/15/03	17.31	8.52	8.79	99	--	<0.5	<0.5	<0.5	0.76	10
MW-2	03/26/04	17.31	9.32	7.99	120	93	<0.5	<0.5	<0.5	0.76	5.4
MW-2	09/30/04	17.31	11.62	5.69	<50	<50	<0.5	<0.5	<0.5	<0.5	<5
MW-2	09/09/05	17.31	12.75	4.56	120	98	<0.5	<0.5	<0.5	<0.5	<5
MW-2	11/30/07	17.31	11.06	6.25	--	--	--	--	--	--	--
MW-2	12/20/07	17.31	9.95	7.36	<50	3000	<1	1.6	<1	2.4	2.9
MW-2	05/23/08	17.31	12.46	4.85	300	1100	<1	<1	<1	<1	3.5
MW-2	08/12/08	17.31	12.08	5.23	2200	350	<1	<1	<1	<1	<0.50

MW-2	12/18/08	17.31	10.58	6.73	300	<50	<1	<1	<1	<1	7.3
MW-2	02/19/09	17.31	8.22	9.09	300	300	<1	<1	<1	<1	3.4
MW-3	03/22/02	17.44	10.97	6.47	420	<50	<0.5	<0.5	<0.5	<0.5	31
MW-3	04/15/03	17.44	8.31	9.13	2700	--	<0.5	<0.5	<0.5	<0.5	40
MW-3	03/26/04	17.44	8.61	8.83	2700	1900	<1.7	<1.7	<1.7	4.3	<17
MW-3	09/30/04	17.44	11.1	6.34	3900	2600	<0.5	<0.5	<0.5	3.2	<10
MW-3	09/09/05	17.44	13.75	3.69	4000	2600	<0.5	<0.5	0.57	2.7	12
MW-3	11/30/07	17.44	13.9	3.54	--	--	--	--	--	--	--
MW-3	12/20/07	17.44	10.79	6.65	18000	12000	<1	1.6	1.1	2.4	9.2
MW-3	05/23/08	17.44	15.2	2.24	900	3000	<1	<1	<1	<1	9.1
MW-3	08/12/08	17.44	14.14	3.3	1900	4300	<1	<1	<1	<1	6.5
MW-3	12/18/08	17.44	12.53	4.91	5000	610	<1	1	<1	<1	20
MW-3	02/19/09	17.44	11.11	6.33	1500	1300	<1	1	<1	<1	9
W-IND	03/22/02	NA	--	--	<50	190	<0.5	<0.5	<0.5	0.8	<5.0
W-IND	04/15/03	NA	--	--	--	--	--	--	--	--	--
W-IND	03/26/04	NA	--	--	500	200	<0.5	<0.5	<0.5	<0.5	<5
W-IND	09/30/04	NA	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<5
W-IND	09/09/05	NA	--	--	<50	<50	<0.5	<0.5	<0.5	<0.5	<5
W-IND	11/30/07	NA	12.92	--	--	--	--	--	--	--	--
W-IND	12/20/07	NA	11.68	--	<50	500	<1	1	<1	2.2	<.50
W-IND	05/23/08	NA	12.72	--	300	250	<1	3.7	<1	2.4	<0.50
W-IND	08/12/08	NA	13.42	--	<50.0	<50.0	<1	<1	<1	<1	<0.50
W-IND	12/18/08	NA	12.65	--	<50	<50	<1	<1	<1	<1	0.7
W-IND	02/19/09	NA	9.74	--	<50	<50	<1	<1	<1	<1	<0.5

Explanation:

TPH-G = Total petroleum hydrocarbons as gasoline, analyzed by EPA Method 8015B.
TPH-SS = Total petroleum hydrocarbons as stoddard solvent, analyzed by the 8015B.
Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B.
MTBE = Methyl tertiary-butyl ether, analyzed by EPA Method 8260B.

fbg = Feet below grade.
NA = Data not available

<n = Below laboratory detection limit of n ppm.
-- = not analyzed

APPENDIX A
FIELD DATA SHEETS

TABER CONSULTANTS

Groundwater/Liquid Level Data

(Measurements in feet)

Project Address: CITY of PARIS CLEANERS
3516 Adeline Street
Oakland, CA.

Date: 2/19/09

Project: City of Paris
1st Qtr 2009 GW Monitoring

Recorded by:

Well No.	Time	Well Elev. TOC	Depth to Groundwater	Measured Total Depth	Groundwater Elevation	Depth to Product	Product Thickness	Comments
MW-1	09:40		8.91	27.28				
MW-2	09:35		8.22	29.50				
MW-3	09:45		11.11	29.70				
Ind-well	09:30		9.74	58.33				

Notes: TOTAL PURGE VOLUME: 51.5 GALLONS.

WESTERN RESOURCE MANAGMENT — **SAMPLING INFORMATION SHEET**

Client: City of Paris
Site:
SHC & TC

Sampling Date: 2/19/05
Project No.:
Well Designation: MW-1

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): ____

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
Time: 09:40
Depth of well: 27.28
Depth of water: 8.91

Recharge Measurement
Time: 11:32
Depth of water: 20.54

Calculated purge: 8.8
Actual purge: 9.0

DEWATERED - FAST RECHARGE

Start purge: 11:20 Sampling Time: 11:40

Time	Temperature	E.C.	pH	Turbidity	Volume
11:22	16.55	1474	6.98	—	3.0
11:24	17.77	1536	6.89	—	6.0
11:30	18.05	1585	6.83	—	9.0

Sample appearance: Sheen on Water Lock: ____

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 Bold ☐ ____
6" Locking Cap: ☐ ____ Pinned Allenhead (DWP) ☐ ____

Remarks: SAMPLE VOLUME: 4 VOAs, 1-1L AMBER

Signature: ____

WESTERN RESOURCE MANAGMENT — **SAMPLING INFORMATION SHEET**

Client: City of Paris
Site:

Sampling Date: 2/19/09
Project No.:
Well Designation: MW-2

Is setup of traffic control devices required? (X) No ( ) Yes time: ____ hours
Is there standing water in the well box? (X) No ( ) Yes [ ] Above TOC [ ] Below TOC
Is top of casing cut level? ( ) No (X) Yes If no, see remarks
Is well cap sealed and locked? ( ) No (X) Yes If no, see remarks
Height of well casing riser (in inches): ____

Well cover type: 8" or 12" UV [ ] 12" EMCO [ ] 8" or 12" BK [ ] 8" Christy [ ]
12" Christy [ ] 8" M&D [X] 12" M&D [ ] 12" DWP [ ]
12" CNI [ ] 36" CNI [ ] 12" Pomeco [ ] Other: ____
General condition of wellhead assembly: Excellent ( ) Good ( ) Fair (X) 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" [X] 4" [ ] 6" [ ] 8" [ ]
Purge Vol. Multiplier: 0.16 [X] 0.65 [ ] 1.47 [ ] 2.61 [ ] gal/ft.

Initial Measurement
Time: 09:35
Depth of well: 29.50
Depth of water: 8.22

Recharge Measurement
Time: 10:30
Depth of water: 20.50

Calculated purge: 10.2
Actual purge: 10.5

DEWATERED - FAST RECHARGE RATE

Start purge: 10:20 Sampling Time: 10:35

Time	Temperature	E.C.	pH	Turbidity	Volume
10:22	16.40	2439	7.32	—	3.5
10:24	17.35	1905	7.10	—	7.0
10:28	17.47	1728	7.03	—	10.5

Sample appearance: Clear / Cloudy-Brn Lock: N

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 Bold [ ] ____
6" Locking Cap: [ ] ____ Pinned Allenhead (DWP) [ ] ____

Remarks: SAMPLE VOLUME: 4 VOAS, 1-1L AMBER

Signature: ____

WESTERN RESOURCE MANAGMENT — **SAMPLING INFORMATION SHEET**

Client: City of Paris
Site: SE of TC
Sampling Date: 2/19/09
Project No.:
Well Designation: MW-3

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): ____

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
Time: 09:45
Depth of well: 29.70
Depth of water: 11.11

Recharge Measurement
Time: 11:05
Depth of water: 22.40

Calculated purge: 9.0
Actual purge: 9.0

DEWATERED - FAST RECHARGE.

Start purge: 10:50 Sampling Time: 11:10

Time	Temperature	E.C.	pH	Turbidity	Volume
10:52	16.36	1661	7.03	—	3.0
10:54	16.94	1705	7.02	—	6.0
10:58	17.14	1692	7.01	—	9.0

Sample appearance: cloudy Lock:

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 Bold ☐ ____
6" Locking Cap: ☐ ____ Pinned Allenhead (DWP) ☐ ____

Remarks: SAMPLE VOLUME: 4 VOAs, 1-1L AMBER
Signature: ____

WESTERN RESOURCE MANAGMENT — **SAMPLING INFORMATION SHEET**

Client: City of Paris
Site: SIC & TC.
Sampling Date: 2/19/09
Project No.:
Well Designation: IND WELL

Is setup of traffic control devices required? (X) No ( ) Yes time: ____ hours
Is there standing water in the well box? (X) No ( ) Yes [ ] Above TOC [ ] Below TOC
Is top of casing cut level? ( ) No (X) Yes If no, see remarks
Is well cap sealed and locked? ( ) No (X) Yes Locked If no, see remarks
Height of well casing riser (in inches): ____

Well cover type: 8" or 12" UV [ ] 12" EMCO [ ] 8" or 12" BK [ ] 8" Christy [ ]
12" Christy [ ] 8" M&D [X] 12" M&D [ ] 12" DWP [ ]
12" CNI [ ] 36" CNI [ ] 12" Pomeco [ ] Other: ____

General condition of wellhead assembly: Excellent (X) Good ( ) Fair ( ) Poor ( )

Purging Equipment: [ ] 2" disposable bailer [X] Submersible pump
[ ] 2" PVC bailer [ ] Dedicated bailer
[ ] 4" PVC bailer [ ] Centrifugal pump

Sampled with: Disposable bailer [X] Teflon bailer [ ] Disposable Tubing [ ]

Well Diameter: 2" [X] 4" [ ] 6" [ ] 8" [ ]
Purge Vol. Multiplier: 0.16 [X] 0.65 [ ] 1.47 [ ] 2.61 [ ] gal/ft.

Initial Measurement
Time: 09:30
Depth of well: 58.33
Depth of water: 9.74

Recharge Measurement
Time: 10:00
Depth of water: 16.12

Calculated purge: 23
Actual purge: 23

Start purge: 09:50 Sampling Time: 10:05

Time	Temperature	E.C.	pH	Turbidity	Volume
09:52	16.96	952	7.19	—	7
09:54	17.27	1045	7.02	—	14
09:56	17.48	1065	6.96	—	23

Sample appearance: Clear/Cloudy Lock: N

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 Bold [ ] ____
6" Locking Cap: [ ] ____ Pinned Allenhead (DWP) [ ] ____

Remarks: Sample Volume: 4 Voa's, 1-1L Amber
Signature: ____

Sparger Technology, Inc.
Environmental Laboratories

3738 Bradview Drive
Sacramento, CA 95827
Lab: 916.369.7688
Fax: 916.369.7689

COC # / Lab No. 18802 _____

Chain-of-Custody Record and Analysis Request

Project Contact (PDF To): **Tom Ballard (to email address's)**	California EDF Report? ☑ Yes ☐ No
Company / Address: **Taber Consultants: 3911 West Capitol Ave.**	Sampling Company Log Code: **WRMC**
West Sacramento, CA 95691	Global ID: **T0600100379**
Phone #: **916-371-1690** Fax #: **916-371-7265**	Deliver all files to: inbox@TaberConsultants.com
Project #: **51074** P.O. #:	please email a copy to: SNess@TaberConsultants.com
Project Name: **GMR_CityOfParis**	Sampler Signature:
Project Address: **3514 Adeline St. Oakland, CA**	

Sample ID	Field Point Name	Sampling: Date	Sampling: Time	Container: 40 ml VOA	Container: Sleeve	Container: Poly	Container: Glass 1L amber	Container: Tedlar	Preservative: HCl	Preservative: HNO_3	Preservative: None	Matrix: Water	Matrix: Soil	Matrix: Air	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	Chromatagrams	TAT: 1 wk
MW-1	MW-1	2/19/09	11:40	4			1		X		X	X			X	X								X	X	x
MW-2	MW-2		10:35	4			1		X		X	X			X	X								X	X	x
MW-3	MW-3		11:10	4			1		X		X	X			X	X								X	X	x
W-IND	W-IND	2/19/09	10:05	4			1		X		X	X			X	X								X		x

Relinquished by:	Date: 2/20/09	Time: 15:20	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Laboratory:

Remarks:
please save file(s), PDF's, EDF & XLS name as:
sample date year_month_day_ project name_ WO#

EXAMPLE:
2009_08_23_GMR_CityOfParis_18495

Bill to: ASandingo@TaberConsultants.com

For Lab Use Only: Sample Receipt

Temp °C	Initials	Date	Time		

APPENDIX B
LABORATORY REPORTS

Sparger Technology, Inc.
Environmental Laboratories

Analytical Laboratory Division
Mobile Laboratory Division
Scientific Division

Tom Ballard
Taber Consultants
3911 West Capitol Ave.
West Sacramento, CA 95691

Client	Taber Consultants
Workorder	18802 GMR_CityOfParis
Received	02/20/09

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

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Tom Ballard
Taber Consultants
3911 West Capitol Ave.
West Sacramento, CA 95691

Workorder 18802

Enclosed are the results from samples received on February 20, 2009.

The requested analyses are listed below.

SAMPLE	SAMPLE DESCRIPTION	DATE COLLECTED	TEST METHOD
18802001	MW-1, Water	02/19/09	8015B TPHss 8015B TPHgas 8260B BTEX/FOC
18802002	MW-2, Water	02/19/09	8015B TPHss 8015B TPHgas 8260B BTEX/FOC
18802003	MW-3, Water	02/19/09	8015B TPHss 8015B TPHgas 8260B BTEX/FOC
18802004	W-IND, Water	02/19/09	8015B TPHss 8015B TPHgas 8260B BTEX/FOC

Test Certificate of Analysis

Client ID Taber Consultants
Workorder # 18802 **Workorder ID** GMR_CityOfParis

Laboratory ID 18802001 **Sampled** 02/19/09
Sample ID MW-1 **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8015B TPH ss

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	**8015B TPHs**	**02/23/09**	**02/24/09**	**500**	**50.0**	**ug/L**	**1:1**

Laboratory ID 18802001 **Sampled** 02/19/09
Sample ID MW-1 **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas[1]	**8015B TPHgas**	**02/25/09**	**02/25/09**	**3100**	**500**	**ug/L**	**1:10**

Surrogates	Result	Recovery	Limits
Trifluorotoluene	17 ug/L	85 %	(65 - 135)

1 - TPHgas was weathered.

Laboratory ID 18802001 **Sampled** 02/19/09
Sample ID MW-1 **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8260B Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/25/09	02/25/09	ND	5.0	ug/L	1:10
Benzene	8260B BTEX/FOC	02/25/09	02/25/09	ND	10	ug/L	1:10
Toluene	8260B BTEX/FOC	02/25/09	02/25/09	ND	10	ug/L	1:10
Ethylbenzene	8260B BTEX/FOC	02/25/09	02/25/09	ND	10	ug/L	1:10
Xylene,Total	8260B BTEX/FOC	02/25/09	02/25/09	ND	10	ug/L	1:10

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	52 ug/L	104 %	(65 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Test Certificate of Analysis

Client ID Taber Consultants
Workorder # 18802 **Workorder ID** GMR_CityOfParis

Laboratory ID 18802002 **Sampled** 02/19/09
Sample ID MW-2 **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8015B TPH ss

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	**8015B TPHs**	**02/23/09**	**02/24/09**	**300**	**50.0**	**ug/L**	**1:1**

Laboratory ID 18802002 **Sampled** 02/19/09
Sample ID MW-2 **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas[1]	**8015B TPHgas**	**02/25/09**	**02/25/09**	**300**	**50**	**ug/L**	**1:1**

Surrogates	Result	Recovery	Limits
Trifluorotoluene	18 ug/L	90 %	(65 - 135)

1 - TPHgas was weathered.

Laboratory ID 18802002 **Sampled** 02/19/09
Sample ID MW-2 **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8260B Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	**8260B BTEX/FOC**	**02/25/09**	**02/25/09**	**3.4**	**0.50**	**ug/L**	**1:1**
Benzene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Toluene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Ethylbenzene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Xylene,Total	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	57 ug/L	114 %	(65 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Test Certificate of Analysis

Client ID Taber Consultants
Workorder # 18802 **Workorder ID** GMR_CityOfParis

Laboratory ID 18802003 **Sampled** 02/19/09
Sample ID MW-3 **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8015B TPH ss

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	**8015B TPHs**	**02/23/09**	**02/24/09**	**1500**	**50.0**	**ug/L**	**1:1**

Laboratory ID 18802003 **Sampled** 02/19/09
Sample ID MW-3 **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas[1]	**8015B TPHgas**	**02/25/09**	**02/25/09**	**1300**	**50**	**ug/L**	**1:1**

Surrogates	Result	Recovery	Limits
Trifluorotoluene	17 ug/L	85 %	(65 - 135)

1 - TPHgas was weathered.

Laboratory ID 18802003 **Sampled** 02/19/09
Sample ID MW-3 **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8260B Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	**8260B BTEX/FOC**	**02/25/09**	**02/25/09**	**9.0**	**0.50**	**ug/L**	**1:1**
Benzene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Toluene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Ethylbenzene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Xylene,Total	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	52 ug/L	104 %	(65 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Test Certificate of Analysis

Client ID Taber Consultants
Workorder # 18802 **Workorder ID** GMR_CityOfParis

Laboratory ID 18802004 **Sampled** 02/19/09
Sample ID W-IND **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8015B TPH ss

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	8015B TPHs	02/23/09	02/24/09	ND	50.0	ug/L	1:1

Laboratory ID 18802004 **Sampled** 02/19/09
Sample ID W-IND **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8015B TPH Gas

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	02/25/09	02/25/09	ND	50	ug/L	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	18 ug/L	90 %	(65 - 135)

Laboratory ID 18802004 **Sampled** 02/19/09
Sample ID W-IND **Received** 02/20/09
Matrix Water **Reported** 03/02/09

8260B Oxygenates

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/25/09	02/25/09	ND	0.50	ug/L	1:1
Benzene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Toluene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Ethylbenzene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Xylene,Total	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	54 ug/L	108 %	(65 - 135)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Method Blank Report

Client ID Taber Consultants **Sample ID** MB for HBN 363450 [SGXV/2565]
Laboratory ID 89881 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Stoddard Solvent	8015B TPHs	02/23/09	02/24/09	ND	50.0	ug/L	1:1

Method Blank Report

Client ID Taber Consultants **Sample ID** MB for HBN 363453 [VGXV/2992]
Laboratory ID 89886 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	02/25/09	02/25/09	ND	50	ug/L	1:1

Surrogates	Result	Recovery	Limits
Trifluorotoluene	17 ug/L	85 %	(65 - 135)

Lab Control Sample Report

Client ID Taber Consultants **Sample ID** LCS for HBN 363453 [VGXV/2992]
Laboratory ID 89887 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	02/25/09	02/25/09	1110	50	ug/L	1:1

Lab Control Sample Duplicate Report

Client ID Taber Consultants **Sample ID** LCSD for HBN 363453 [VGXV/2992
Laboratory ID 89888 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	02/25/09	02/25/09	1080	50	ug/L	1:1

Matrix Spike Report

Client ID Taber Consultants **Sample ID** MS for HBN 363453 [VGXV/2992]
Laboratory ID 89889 **Matrix** Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	02/25/09	02/25/09	1240	50	ug/L	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Matrix Spike Duplicate Report

Client ID Taber Consultants
Laboratory ID 89890
Sample ID MSD for HBN 363453 [VGXV/2992]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
TPHgas	8015B TPHgas	02/25/09	02/25/09	1060	50	ug/L	1:1

Method Blank Report

Client ID Taber Consultants
Laboratory ID 89891
Sample ID MB for HBN 363456 [VMXV/3109]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/25/09	02/25/09	ND	0.50	ug/L	1:1
Benzene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Toluene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Ethylbenzene	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1
Xylene,Total	8260B BTEX/FOC	02/25/09	02/25/09	ND	1.0	ug/L	1:1

Surrogates	Result	Recovery	Limits
1,2-Dichloroethane-d4	54 ug/L	108 %	(65 - 135)

Lab Control Sample Report

Client ID Taber Consultants
Laboratory ID 89892
Sample ID LCS for HBN 363456 [VMXV/3109]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/25/09	02/25/09	46	0.50	ug/L	1:1
Benzene	8260B BTEX/FOC	02/25/09	02/25/09	51	1.0	ug/L	1:1
Toluene	8260B BTEX/FOC	02/25/09	02/25/09	51	1.0	ug/L	1:1
Ethylbenzene	8260B BTEX/FOC	02/25/09	02/25/09	51	1.0	ug/L	1:1
Xylene,Total	8260B BTEX/FOC	02/25/09	02/25/09	152	1.0	ug/L	1:1

Lab Control Sample Duplicate Report

Client ID Taber Consultants
Laboratory ID 89893
Sample ID LCSD for HBN 363456 [VMXV/3109
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B BTEX/FOC	02/25/09	02/25/09	49	0.50	ug/L	1:1
Benzene	8260B BTEX/FOC	02/25/09	02/25/09	56	1.0	ug/L	1:1
Toluene	8260B BTEX/FOC	02/25/09	02/25/09	54	1.0	ug/L	1:1
Ethylbenzene	8260B BTEX/FOC	02/25/09	02/25/09	49	1.0	ug/L	1:1
Xylene,Total	8260B BTEX/FOC	02/25/09	02/25/09	148	1.0	ug/L	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

Matrix Spike Report

Client ID Taber Consultants
Laboratory ID 89894
Sample ID MS for HBN 363456 [VMXV/3109]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B	BTEX/FOC02/25/09	02/25/09	46	0.50	ug/L	1:1
Benzene	8260B	BTEX/FOC02/25/09	02/25/09	51	1.0	ug/L	1:1
Toluene	8260B	BTEX/FOC02/25/09	02/25/09	55	1.0	ug/L	1:1
Ethylbenzene	8260B	BTEX/FOC02/25/09	02/25/09	52	1.0	ug/L	1:1
Xylene,Total	8260B	BTEX/FOC02/25/09	02/25/09	151	1.0	ug/L	1:1

Matrix Spike Duplicate Report

Client ID Taber Consultants
Laboratory ID 89895
Sample ID MSD for HBN 363456 [VMXV/3109]
Matrix Water

Parameter	Method	Prep Date	Analyzed	Result	RL	Units	Dilution
Methyl-tert-butyl-ether	8260B	BTEX/FOC02/25/09	02/25/09	46	0.50	ug/L	1:1
Benzene	8260B	BTEX/FOC02/25/09	02/25/09	50	1.0	ug/L	1:1
Toluene	8260B	BTEX/FOC02/25/09	02/25/09	54	1.0	ug/L	1:1
Ethylbenzene	8260B	BTEX/FOC02/25/09	02/25/09	45	1.0	ug/L	1:1
Xylene,Total	8260B	BTEX/FOC02/25/09	02/25/09	141	1.0	ug/L	1:1

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689

QC SUMMARY

Client ID Taber Consultants
QC Batch VGX 3112
Matrix Water
Original Samples 18801001
Matrix Spike [89889]
Matrix Spike Duplicate [89890]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	124	106	(65-135)	16	(20 MAX)

Client ID Taber Consultants
QC Batch VMX 3150
Matrix Water
Original Samples 18801001
Matrix Spike [89894]
Matrix Spike Duplicate [89895]

Parameter	Spike %Recovery	Spike Dup %Recovery	Recovery Limits	RPD	RPD Limits
Methyl-tert-butyl-ether	92	92	(65-135)	00	(20 MAX)
Benzene	102	100	(65-135)	2.0	(20 MAX)
Toluene	110	108	(65-135)	1.8	(20 MAX)
Ethylbenzene	104	90	(65-135)	14	(20 MAX)
Xylene,Total	101	94	(65-135)	7.2	(20 MAX)

Client ID Taber Consultants
QC Batch VGX 3112
Matrix Water
Samples Lab Control Sample [89887]
Lab Control Sample Duplicate [89888]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
TPHgas	111	108	(65-135)	2.7	(20 MAX)

Client ID Taber Consultants
QC Batch VMX 3150
Matrix Water
Samples Lab Control Sample [89892]
Lab Control Sample Duplicate [89893]

Parameter	Check %Recovery	Check Dup %Recovery	Recovery Limits	RPD	RPD Limits
Methyl-tert-butyl-ether	92	98	(65-135)	6.3	(20 MAX)
Benzene	102	112	(65-135)	9.3	(20 MAX)
Toluene	102	108	(65-135)	5.7	(20 MAX)
Ethylbenzene	102	98	(65-135)	4.0	(20 MAX)
Xylene,Total	101	99	(65-135)	2.0	(20 MAX)

3738 Bradview Drive • Sacramento, California 95827 • (916) 369-7688 • FAX (916) 369-7689