Roya C. Kambin
Project Manager
Marketing Business Unit

Chevron Environmental Management Company
6101 Bollinger Canyon Road
San Ramon, CA 94583
Tel (925) 790-6270
RKLG@chevron.com

April 5, 2013

RECEIVED
By Alameda County Environmental Health at 2:09 pm, Apr 08, 2013

Mr. Keith Nowell
Alameda County Heath Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RE: First Half 2013 Groundwater Monitoring Report
500 Bancroft Avenue, San Leandro, California
Fuel Leak Case No.: RO0000499

Dear Mr. Nowell,

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

If you have any questions or need additional information, please contact me at (925) 790-6270.

Sincerely,

Roya Kambin
Union Oil of California – Project Manager

Attachment
First Half 2013 Groundwater Monitoring Report Submittal

ARCADIS U.S., Inc.
2000 Powell Street
7th Floor
Emeryville
California 94608
Tel 510.652.4500
Fax 510.652.4906
www.arcadis-us.com

Mr. Keith Nowell
Alameda County Heath Care Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Subject:
First Half Groundwater Monitoring Report Submittal

ENVIRONMENT

Dear Mr. Nowell:

Date:
April 5, 2013

Contact:
Katherine Brandt

Phone:
510.596.9675

Email:
Katherine.Brandt@arcadis-us.com

Our ref:
B0047943.2012

On behalf of Chevron Environmental Management Company, for itself and as Attorney-in-Fact for Union Oil Company of California (hereinafter "EMC"), ARCADIS U.S., Inc (ARCADIS) is pleased to submit the enclosed Semi-Annual Groundwater Monitoring Report for the following facility:

Facility No.	**Case No.**	**Location**
5367	RO0000499	500 Bancroft Avenue San Leandro, California

If you have any questions or comments regarding the contents of this document, please contact Ms. Roya Kambin of Chevron at 925-790-6270 or by e-mail at RKambin@Chevron.com. Alternatively, you may contact Katherine Brandt of ARCADIS at 510.596.9675 or by e-mail at Katherine.Brandt@arcadis-us.com.

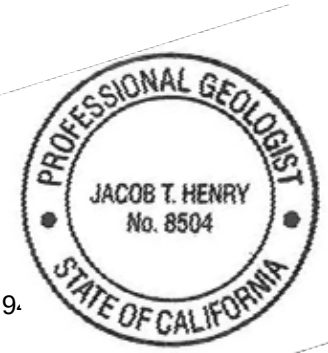
Sincerely,

ARCADIS

ARCADIS

Katherine Brandt
Certified Project Manager

Jacob Henry, P.G.
Principal Geologist



Copies:
Ms. Roya Kambin, EMC (electronic copy)
Mr. Hang M. Ly, Property Owner (CD) - 169 Dhillon Court, Hayward, CA 9

UNION OIL OF CALIFORNIA
FIRST HALF MONITORING REPORT 2013
April 5, 2013

Facility No.: 5367 Address: 500 Bancroft Avenue, San Leandro, California

Consulting Company/Contact Person/Phone No.:	ARCADIS / Katherine Brandt / 510.596.9675
Primary Agency/Contact Person/Regulatory ID No.:	Alameda County Department of Environmental Health (ACEH) / Mr. Keith Nowell Case No. R00499

WORK PERFORMED DURING THIS REPORTING PERIOD (First Half – 2013) :

1. Gettler Ryan conducted groundwater monitoring and sampling on March 1, 2013. Field data sheets and general procedures are included as **Attachment A**. Nine (9) groundwater monitoring wells were gauged and sampled during this monitoring event (MW-1 through MW-9). Monitoring well MW-10 was not gauged or sampled due to access restrictions.

   All groundwater samples were analyzed for total purgeable petroleum hydrocarbons (TPPH), benzene, toluene, ethylbenzene, and total xylenes, methyl tertiary butyl ether (MTBE), 1,2-dibromoethane (EDB), 1,2-dichloroethane (1,2-DCE or EDC), and ethanol by United States Environmental Protection Agency (USEPA) Method 8260B. The field parameters, electrical conductivity, depth to water, pH, and temperature were also measured during this sampling event.

   The site location map and the site plan are presented on **Figures 1** and **2,** respectively**.** Groundwater contour and concentration maps for TPPH and benzene are presented on **Figures 3** through **5,** respectively. Current Groundwater Gauging and Analytical Results are summarized in **Table 1** and Historical Groundwater Results from TRC Solutions are included as **Attachment B**. A copy of the laboratory analytical report and chain-of-custody documentation is included as **Attachment C**.

WORK PROPOSED FOR THE NEXT REPORTING PERIOD (First Half – 2014):

1. The next groundwater monitoring event will occur during the first quarter 2014.

Current Phase of Project:	Closure Review
Site Use:	76-branded service station
Frequency of Sampling:	Groundwater – Annually
Frequency of Monitoring:	Groundwater – Annually
Are Separate-Phase Hydrocarbons Present On-Site:	No
Cumulative SPH Recovered to Date:	None
SPH Recovered This Quarter:	None
Bulk Soil Removed to Date:	250 cubic yards during UST removal and replacement (1987) and 30 cubic yards during product piping and dispenser removal and replacement (1998)
Bulk Soil Removed this Quarter:	None
Water Wells or Surface Waters within a 2,000' Radius and Their Respective Directions:	15 wells are located within 2,000 feet. However, no municipal wells were identified within 2000 feet of the site.
Groundwater Use Designation:	Municipal/Irrigation and Domestic
Current Remediation Techniques:	None
Permits for Discharge (No.):	None
Approximate Depth to Groundwater:	27.02 (MW-9) – 28.89 (MW-5) feet below top of casing Measured X Estimated

UNION OIL OF CALIFORNIA
FIRST HALF MONITORING REPORT 2013
April 5, 2013

Facility No.: 5367 Address: 500 Bancroft Avenue, San Leandro, California

Approximate Groundwater Elevation: 29.28 (MW-7) – 30.09 (MW-4) feet above mean sea level

Measured X Estimated

Groundwater Gradient: 0.009 ft/ft (Magnitude) Southwest (Direction)

DISCUSSION:

Groundwater conditions during the third quarter 2013 remained generally consistent with historical monitoring events. TPPH concentrations were detected in MW-1 through MW-6 with a maximum concentration of 19,000 micrograms per liter (µg/L; MW-1). The TPPH analytical result for MW-1 is potentially erroneous due to sample dilution, thus the isoconcentration map (figure 4) is representative of what would be reasonably expected based on all analytical results for each monitoring well. Ethylbenzene was detected in the groundwater sample collected from MW-1 at a concentration of 78 µg/L. Total xylenes were detected in MW-1 and MW-2 at concentrations of 38 µg/L and 1.0 µg/L, respectively. Benzene, toluene, MTBE, EDB, EDC, and ethanol were not detected above the laboratory reporting limits in any of the groundwater samples collected.

CONCLUSIONS AND RECOMMENDATIONS:

Dissolved hydrocarbon constituent concentrations have remained relatively consistent with previous sampling events. ARCADIS submitted a Low Threat Closure Request November 20, 2012. As stated in the Low Threat Closure Request, during ACEH's review of the Closure request, ARCADIS will reduce groundwater monitoring and reporting to an annually.

ATTACHMENTS:

Figure 1: Site Location Map
Figure 2: Site Plan
Figure 3: Groundwater Contour Map
Figure 4: TPPH Isoconcentration Contour Map
Figure 5: Benzene Isoconcentration Contour Map

Table 1: Current Groundwater Gauging and Analytical Results

Attachment A: Field Data Sheets and General Procedures
Attachment B: Historical Groundwater Results from TRC
Attachment C: Laboratory Report and Chain-of-Custody Documentation

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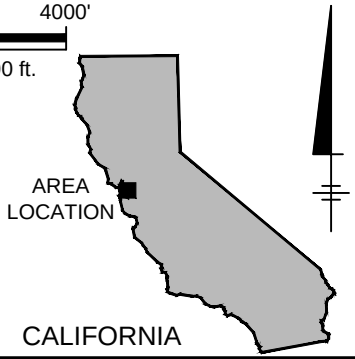
Figures

REFERENCE: BASE MAP USGS 7.5. MIN. TOPO. QUAD., SAN LEANDRO, CALIFORNIA, 2012.

0 2000' 4000'

Approximate Scale: 1 in. = 2000 ft.



UNION OIL COMPANY OF CALIFORNIA
76 SERVICE STATION 35-1563
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

SITE LOCATION MAP

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FIGURE 1

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
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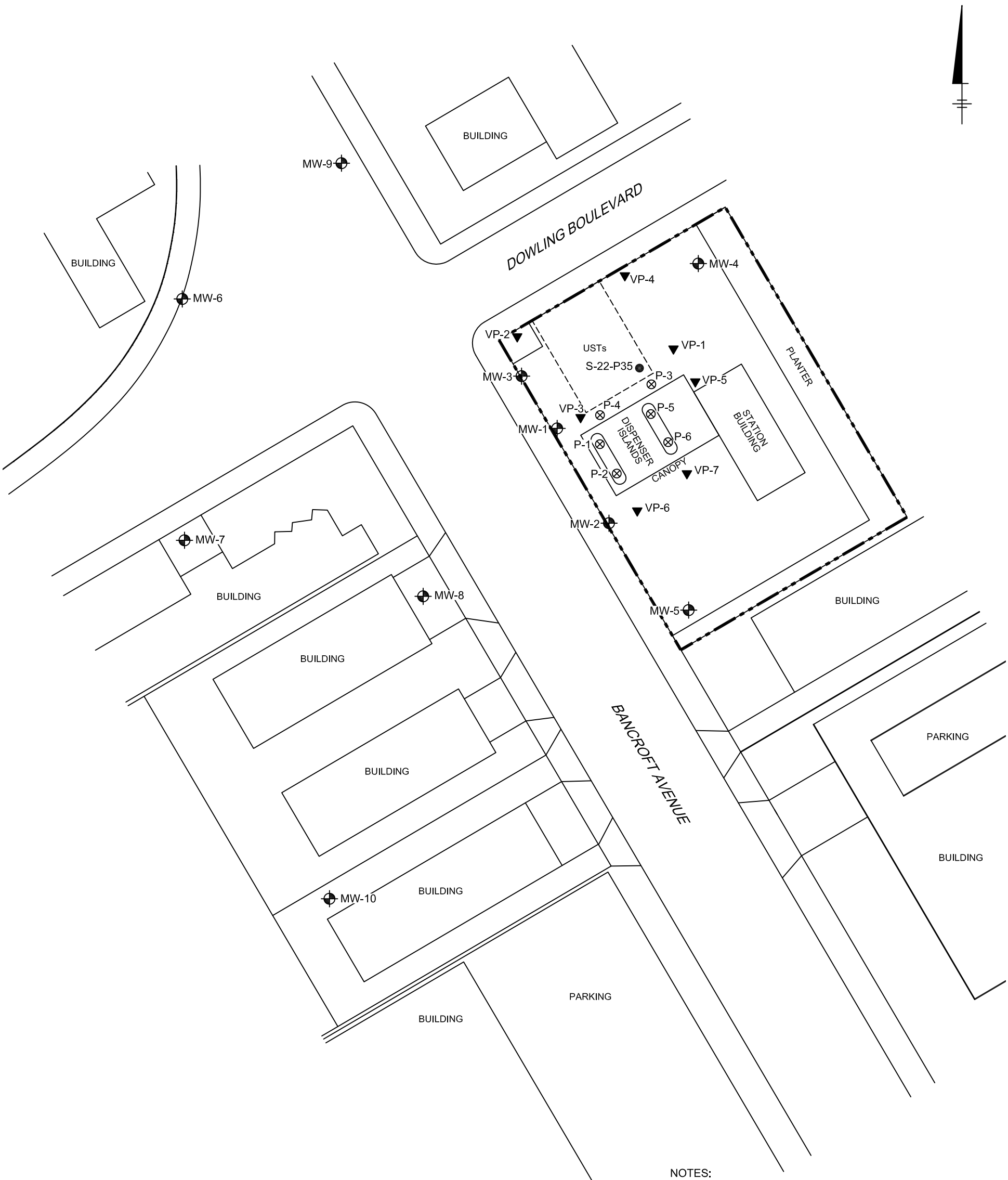

NOTES:

1. BASE MAP PROVIDED BY CRA, DATED 2/3/2011. BASED ON A MAP PROVIDED BY DELTA CONSULTANTS, FIGURE 2, TITLED "SITE PLAN", DATED 12/15/2010.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 40' 80'
GRAPHIC SCALE

LEGEND

- PROPERTY BOUNDARY
- MW-1 MONITORING WELL
- S-22-P35 TANK PIT SAMPLE LOCATION
- P-1 PRODUCT LINE SAMPLE LOCATION
- VP-1 VAPOR POINT

UNION OIL COMPANY OF CALIFORNIA
76 SERVICE STATION 35-1563
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

SITE PLAN

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FIGURE
2

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
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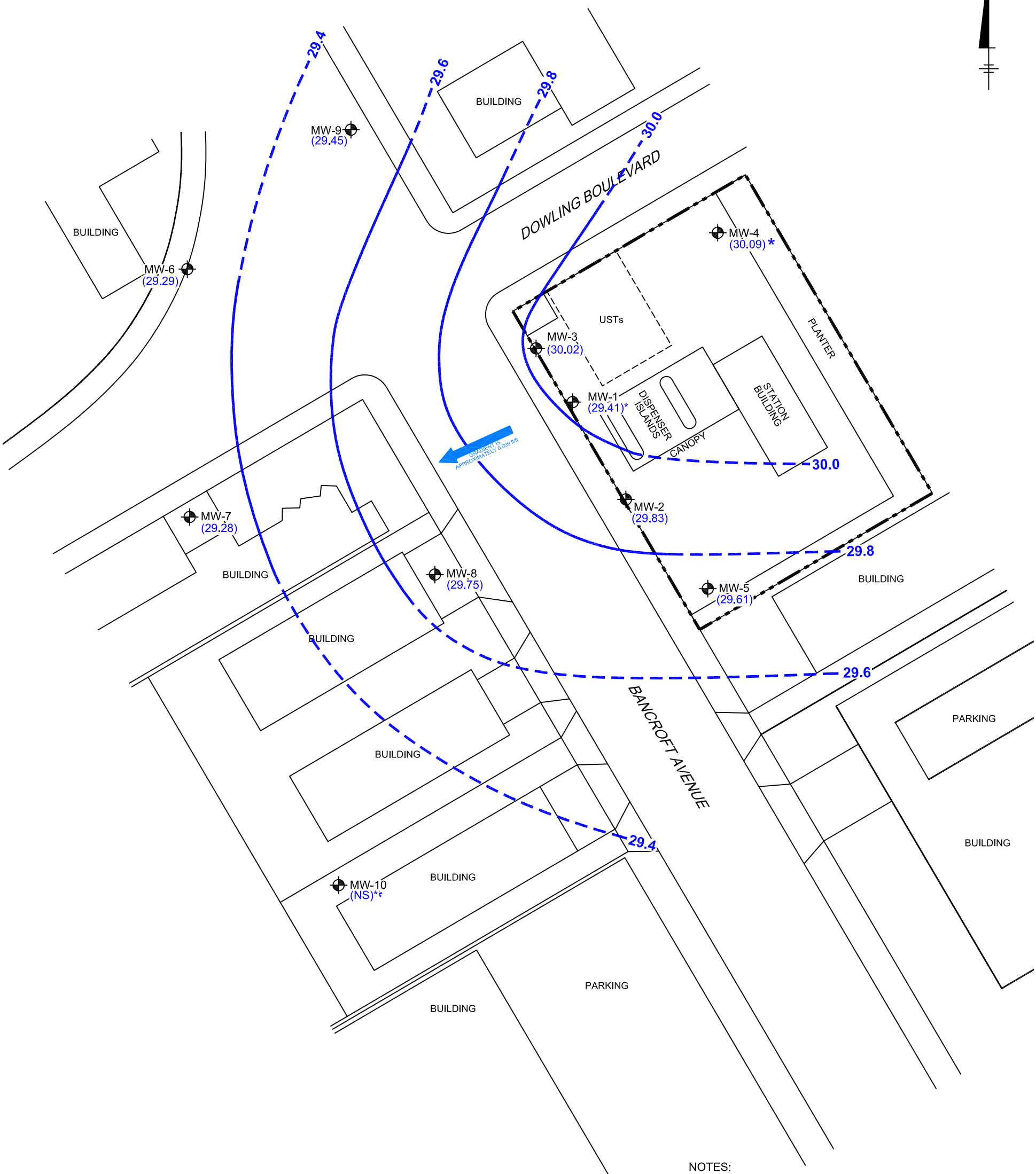

NOTES:

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2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 40' 80'
GRAPHIC SCALE

LEGEND

- PROPERTY BOUNDARY
- MW-1 MONITORING WELL
- (29.41) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (FT AMSL)
- 30.0 GROUNDWATER ELEVATION CONTOUR IN FT AMSL (DASHED WHERE INFERRED)
- GRADIENT IS APPROXIMATELY 0.009 ft/ft — APPROXIMATE GROUNDWATER FLOW DIRECTION AND HYDRAULIC GRADIENT OF 0.009 FOOT PER FOOT
- (NS) NOT SAMPLED
- * NOT USED IN CONTOURING

UNION OIL COMPANY OF CALIFORNIA
76 SERVICE STATION 35-1563
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP MARCH 01, 2013

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FIGURE 3

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
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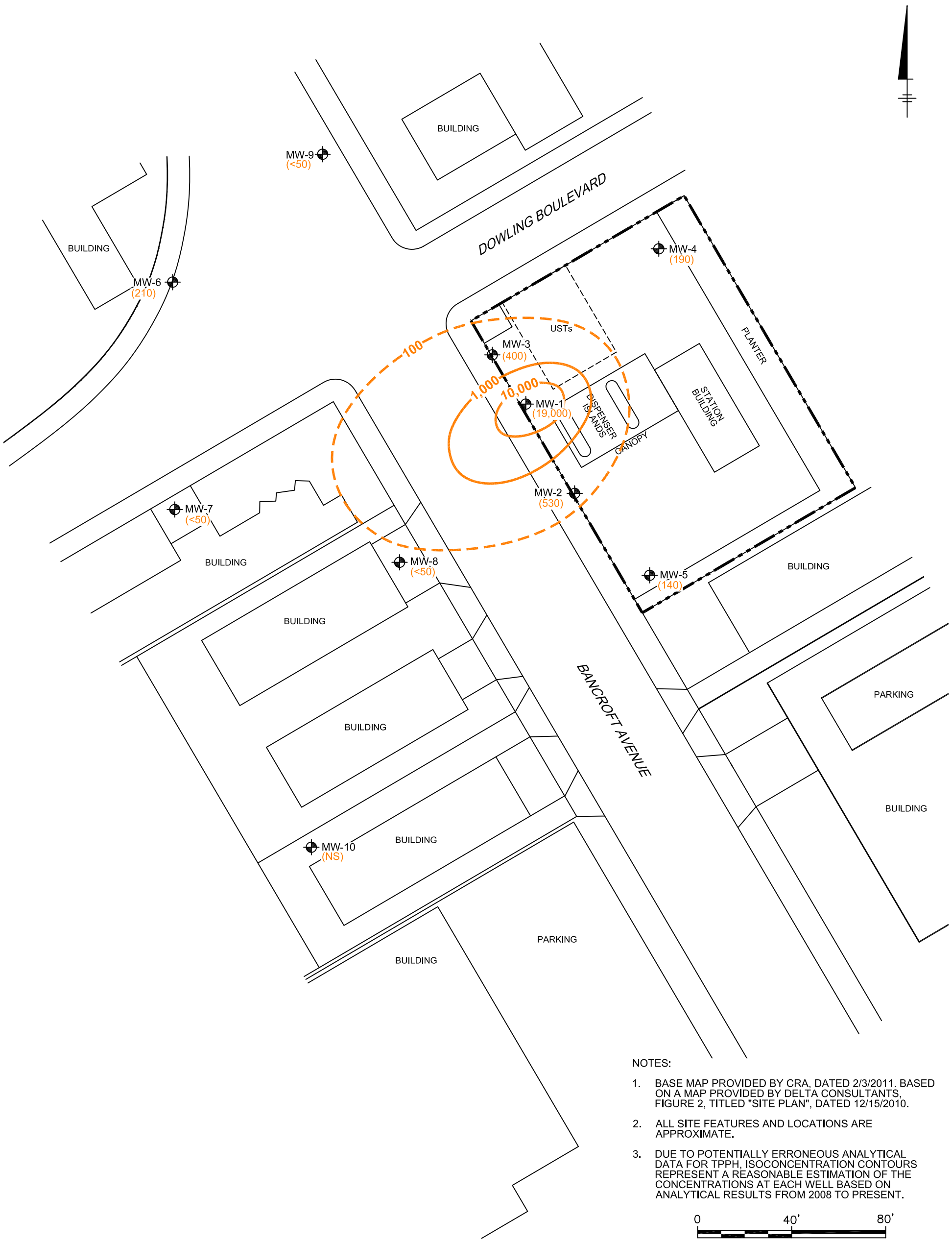
47943X01 351563 fig 4 edit.jpg



NOTES:

1. BASE MAP PROVIDED BY CRA, DATED 2/3/2011. BASED ON A MAP PROVIDED BY DELTA CONSULTANTS, FIGURE 2, TITLED "SITE PLAN", DATED 12/15/2010.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.
3. DUE TO POTENTIALLY ERRONEOUS ANALYTICAL DATA FOR TPPH, ISOCONCENTRATION CONTOURS REPRESENT A REASONABLE ESTIMATION OF THE CONCENTRATIONS AT EACH WELL BASED ON ANALYTICAL RESULTS FROM 2008 TO PRESENT.

0 40' 80'
GRAPHIC SCALE

LEGEND

———	PROPERTY BOUNDARY
MW-1	MONITORING WELL
(140)	TPPH CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
100	TPPH CONCENTRATION CONTOUR IN µg/L, DASHED WHERE INFERRED
(NS)	MONITORING WELL NOT SAMPLED
TPPH	TOTAL PURGEABLE PETROLEUM HYDROCARBONS
<	DETECTED BELOW LABORATORY REPORTING LIMIT

UNION OIL COMPANY OF CALIFORNIA
76 SERVICE STATION 35-1563
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

TPPH ISOCONCENTRATION CONTOUR MAP MARCH 01, 2013

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FIGURE 4

CITY: PETALUMA, CA DIV/GROUP: ENV DB: J. HARRIS
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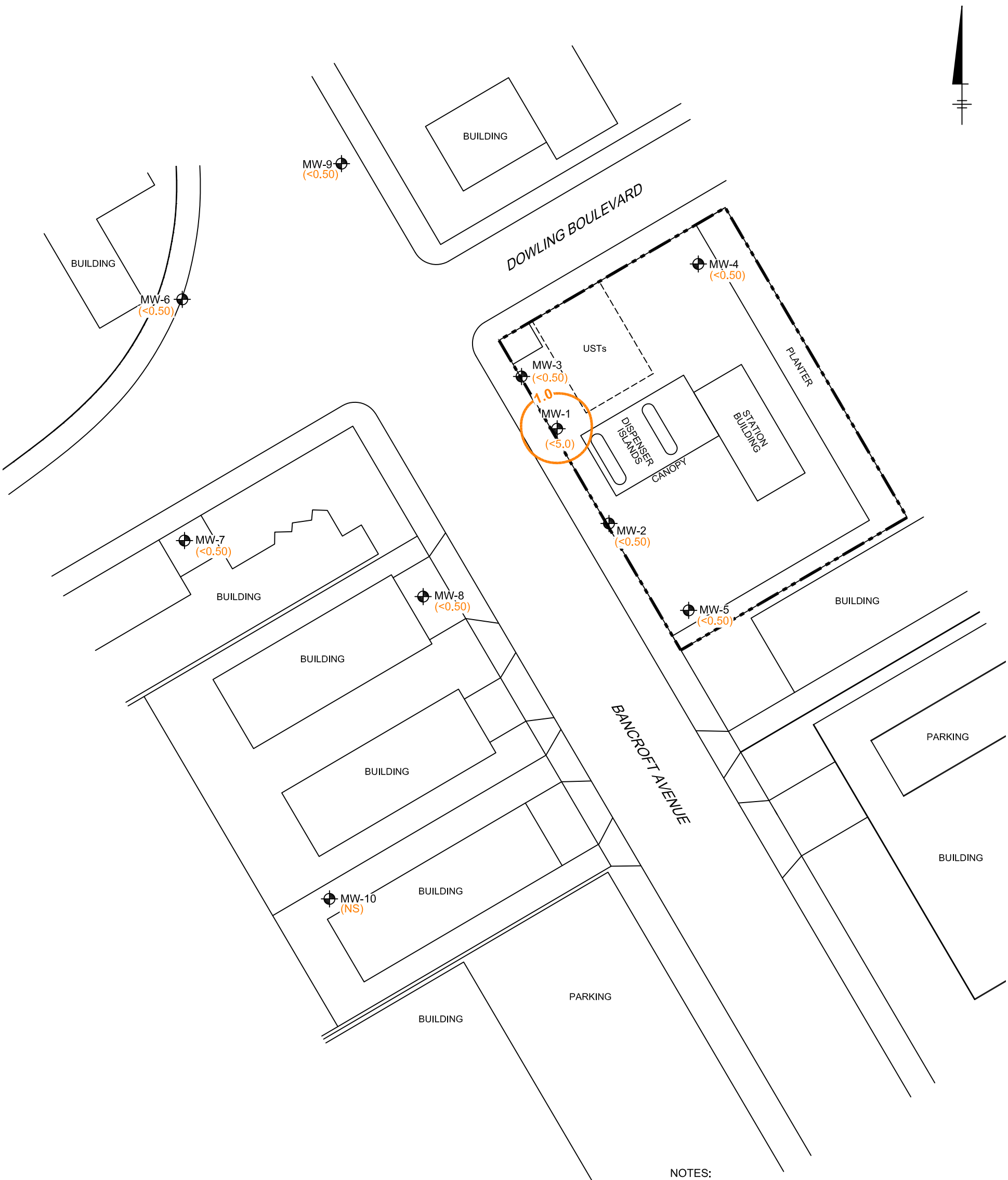
47943X01



NOTES:

1. BASE MAP PROVIDED BY CRA, DATED 2/3/2011. BASED ON A MAP PROVIDED BY DELTA CONSULTANTS, FIGURE 2, TITLED "SITE PLAN", DATED 12/15/2010.
2. ALL SITE FEATURES AND LOCATIONS ARE APPROXIMATE.

0 40' 80'
GRAPHIC SCALE

LEGEND

- PROPERTY BOUNDARY
- MW-1 MONITORING WELL
- (<5.0) BENZENE CONCENTRATION IN MICROGRAMS PER LITER (µg/L)
- 1.0 BENZENE CONCENTRATION CONTOUR IN µg/L, DASHED WHERE INFERRED
- (NS) MONITORING WELL NOT SAMPLED
- < DETECTED BELOW LABORATORY REPORTING LIMIT

UNION OIL COMPANY OF CALIFORNIA
76 SERVICE STATION 35-1563
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

BENZENE ISOCONCENTRATION CONTOUR MAP MARCH 01, 2013

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FIGURE 5

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Tables

Table 1
Current Groundwater Gauging and Analytical Results
Unocal Site 5367
500 Bancroft Avenue, San Leandro, California

Well ID	Date Sampled	TOC Elevation (ft amsl)	DTW (ft btoc)	LPH Thickness (ft)	GW Elevation (ft amsl)	TPPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDB (µg/L)	EDC (µg/L)	Ethanol (µg/L)	Comments
MW-1	3/1/2013	57.83	28.42	--	29.41	**19,000**	<5.0	<5.0	**78**	**38**	<5.0	<5.0	<5.0	<2,500	A01
MW-2	3/1/2013	58.13	28.30	--	29.83	**530**	<0.50	<0.50	<0.50	**1.0**	<0.50	<0.50	<0.50	<250	
MW-3	3/1/2013	57.92	27.90	--	30.02	**400**	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-4	3/1/2013	58.29	28.20	--	30.09	**190**	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-5	3/1/2013	58.50	28.89	--	29.61	**140**	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-6	3/1/2013	56.96	27.67	--	29.29	**210**	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-7	3/1/2013	57.25	27.97	--	29.28	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-8	3/1/2013	57.71	27.96	--	29.75	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<250	
MW-9	3/1/2013	56.47	27.02	--	29.45	<50	<0.50	<0.50	<0.50	<1.0	<0.5	<0.50	<0.50	<250	
MW-10	3/1/2013	58.94	--	--	--	--	--	--	--	--	--	--	--	--	Not accessible

Notes

Analytical results given in micrograms per liter (µg/l) unless otherwise noted
-- = Not sampled or not applicable
Bold = Result detected above laboratory reporting limit

Standard Abbreviations

<	not detected at or above laboratory detection limit
µg/l	micrograms per liter (approx. equivalent to parts per billion, ppb)
ft	feet
TOC	top of casing (surveyed reference elevation)
amsl	above mean sea level
DTW	depth to water
btoc	below top of casing
LPH	liquid-phase hydrocarbons
GW	groundwater
TPPH	total purgeable petroleum hydrocarbons
MTBE	methyl tertiary butyl ether
EDB	1,2-dibromoethane
EDC	1,2-dichloroethane (same as ethylene dichloride)

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Attachment A

Field Data Sheets and General Procedures

GETTLER-RYAN INC.

TRANSMITTAL

March 12, 2013
G-R #385677

TO: Ms. Katherine Brandt
Arcadis
2000 Powell Street, 7th Floor
Emeryville, CA 94608

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: Chevron Facility
#351563/5367
500 Bancroft Avenue
San Leandro, California

WE HAVE ENCLOSED THE FOLLOWING:

COPIES	DESCRIPTION
VIA PDF	Groundwater Monitoring and Sampling Data Package **First Semi-Annual Event of March 1, 2013**

COMMENTS:

Pursuant to your request, we are providing you with copies of the above referenced data for your use.

Please provide us the updated historical data prior to the next monitoring and sampling event for our field use.

Please feel free to contact me if you have any comments/questions.

trans/351563 5367

WELL CONDITION STATUS SHEET

Client/
Facility #: **Chevron #351563 / 5367**

Site Address: **500 Bancroft Avenue**

City: **San Leandro, CA**

Job #: **385677**

Event Date: 3.1.13

Sampler: JH

WELL ID	Vault Frame Condition	Gasket/ O-Ring (M) Missing (R) Replaced	Bolts (M) Missing (R) Replaced	Bolt Flanges B=Broken S=Stripped R=Retap	Apron Condition C=Cracked B=Broken G=Gone	Grout Seal (Deficient) Inches from TOC	Casing (Condition prevents tight cap seal)	REPLACE LOCK Y/N	REPLACE CAP Y/N	WELL VAULT Manufacture/Size/ # of Bolts	Pictures Taken Y/N
MW-1	ok	N/A	→	→	ok	→	→	N	N	1'x2' Vault	N
MW-2	ok	N/A	→	→	ok	→	→	Y	~~N~~ Y 4"	2'x3'	↓
MW-3	ok	N/A	→	→	ok	→	→	Y	Y 4"	2'x3'	↓
MW-4	ok	→	→	→	→	→	→	N	N	12" emco	↓
MW-5	ok	→	→	→	→	→	→	Y	Y 8"	12" Div	↓
MW-6	ok	→	→	→	→	→	→	N	N	↓	↓
MW-7	ok	→	→	→	→	→	→	↓	↓	↓	↓
MW-8	ok	→	→	→	→	→	→	↓	↓	↓	↓
MW-9	ok	→	→	→	→	→	→	↓	↓	12" Morrison	↓

Comments

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. (GR) field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. All work is performed in accordance with the GR Health & Safety Plan and all client-specific programs. The scope of work and type of analysis to be performed is determined prior to commencing field work.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, all depth to water level measurements are collected with a static water level indicator and are also recorded in the field notes, prior to purging and sampling any wells.

After water levels are collected and prior to sampling, if purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, peristaltic or Grundfos), or disposable bailers. Temperature, pH and electrical conductivity are measured a minimum of three times during the purging (additional parameters such as dissolved oxygen, oxidation reduction potential, turbidity may also be measured, depending on specific scope of work.). Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards, as directed by the scope of work. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Chevron Environmental Management Company, the purge water and decontamination water generated during sampling activities is transported by Clean Harbors Environmental Services to Evergreen Oil located in Newark, California.

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351563 / 5367 Job Number: 385677
Site Address: 500 Bancroft Avenue Event Date: 3/1/13 (inclusive)
City: San Leandro, CA Sampler: JW

Well ID MW-1 Date Monitored: 3/1/13
Well Diameter (2) 4 in.
Total Depth 35.18 ft.
Depth to Water 28.42 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

6.76 xVF .17 = 1.14 x3 case volume = Estimated Purge Volume: 3.44 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 29.77

Purge Equipment:
Disposable Bailer X
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer X
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 0855 Weather Conditions: Clear
Sample Time/Date: 0925 / 3/1/13 Water Color: clear Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: slight
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 29.54

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
0859	1	7.09	780	17.4		
0903	2	6.94	737	17.1		
0907	3.5	6.65	724	17.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-1	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/EDB/EDC(8260)/ ETHANOL(8260)

COMMENTS: 1'x2' vault

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351563 / 5367 Job Number: 385677
Site Address: 500 Bancroft Avenue Event Date: 3/1/13 (inclusive)
City: San Leandro, CA Sampler: JH

Well ID MW-2 Date Monitored: 3/1/13
Well Diameter 2/6 in.
Total Depth 46.70 ft.
Depth to Water 28.30 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

18.40 xVF .66 = 12.14 x3 case volume = Estimated Purge Volume: 36.43 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.98

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	X
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Metal Filters	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 0755 Weather Conditions: Clear
Sample Time/Date: 0840 / 3/1/13 Water Color: Cloudy Odor: Y / N
Approx. Flow Rate: 2 gpm. Sediment Description: Low
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 29.52

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - mS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0801	12	7.05	653	17.2		
0807	24	6.92	629	17.1		
0814	38	6.84	605	17.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-2	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/EDB/EDC(8260)/ ETHANOL(8260)

COMMENTS: 2'x3' Vault

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: X Add/Replaced Plug: X

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #351563 / 5367 | Job Number: 385677
Site Address: 500 Bancroft Avenue | Event Date: 3/1/13 (inclusive)
City: San Leandro, CA | Sampler: JH

Well ID: MW-3 | Date Monitored: 3/1/13
Well Diameter: 2(4) in.
Total Depth: 47.87 ft.
Depth to Water: 27.90 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

19.97 xVF .66 = 13.18 x3 case volume = Estimated Purge Volume: 39.54 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.89

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	X
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Metal Filters	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 0940 | Weather Conditions: clear
Sample Time/Date: 1025 / 3/1/13 | Water Color: cloudy Odor: Y / (N)
Approx. Flow Rate: 2 gpm. | Sediment Description: L.SH
Did well de-water? no If yes, Time: Volume: gal. DTW @ Sampling: 30.20

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
0947	13	6.90	677	17.8		
0954	26	6.82	651	17.3		
1001	40	6.74	632	17.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-3	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/EDB/EDC(8260)/ ETHANOL(8260)

COMMENTS: 2'x3'

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: X Add/Replaced Plug: X 4"

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351563 / 5367 | Job Number: 385677
Site Address: 500 Bancroft Avenue | Event Date: 3/1/13 (inclusive)
City: San Leandro, CA | Sampler: JH

Well ID: MW-4 | Date Monitored: 3/1/13
Well Diameter: 2 (4) in.
Total Depth: 48.10 ft.
Depth to Water: 28.20 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

19.90 xVF .66 = 13.13 x3 case volume = Estimated Purge Volume: 39.40 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.18

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	X
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Metal Filters	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____

Start Time (purge): 1040 | Weather Conditions: Clear
Sample Time/Date: 1125 / 3/1/13 | Water Color: Clear | Odor: Y / (N)
Approx. Flow Rate: 2 gpm. | Sediment Description: Light
Did well de-water? No | If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 30.09

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1047	13	6.82	690	17.4		
1054	26	6.73	656	17.3		
1101	40	6.70	650	17.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-4	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/EDB/EDC(8260)/ ETHANOL(8260)

COMMENTS: 12" emco

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351563 / 5367 Job Number: 385677
Site Address: 500 Bancroft Avenue Event Date: 3/1/13 (inclusive)
City: San Leandro, CA Sampler: JH

Well ID MW-5 Date Monitored: 3/1/13
Well Diameter 2 4 in.
Total Depth 44.28 ft.
Depth to Water 28.89 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

15.39 xVF .17 = 2.61 x3 case volume = Estimated Purge Volume: 7.84 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.96

Purge Equipment:
Disposable Bailer ____
Stainless Steel Bailer ____
Stack Pump X
Suction Pump ____
Grundfos ____
Peristaltic Pump ____
QED Bladder Pump ____
Other: ____

Sampling Equipment:
Disposable Bailer X
Pressure Bailer ____
Metal Filters ____
Peristaltic Pump ____
QED Bladder Pump ____
Other: ____

Time Started: ____ (2400 hrs)
Time Completed: ____ (2400 hrs)
Depth to Product: ____ ft
Depth to Water: ____ ft
Hydrocarbon Thickness: ____ ft
Visual Confirmation/Description: ____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: ____ gal
Amt Removed from Well: ____ gal
Water Removed: ____

Start Time (purge): 0705 Weather Conditions: Foggy
Sample Time/Date: 0735 / 3/1/13 Water Color: clear Odor: Y / N
Approx. Flow Rate: 1 gpm. Sediment Description: none
Did well de-water? No If yes, Time: ____ Volume: ____ gal. DTW @ Sampling: 30.24

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - µS)	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
0708	3	6.93	497	16.4		
0711	6	6.87	519	16.3		
0713	8	6.80	532	16.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-5	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/EDB/EDC(8260)/ ETHANOL(8260)

COMMENTS: 12" Diversified

Add/Replaced Gasket: ____ Add/Replaced Bolt: ____ Add/Replaced Lock: X Add/Replaced Plug: X 2"

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351563 / 5367 Job Number: 385677
Site Address: 500 Bancroft Avenue Event Date: 3/1/13 (inclusive)
City: San Leandro, CA Sampler: JH

Well ID MW-6 Date Monitored: 3/1/13
Well Diameter (2) 4 in.
Total Depth 44.24 ft.
Depth to Water 27.67 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

16.57 xVF .17 = 2.81 x3 case volume = Estimated Purge Volume: 8.45 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.98

Purge Equipment:
Disposable Bailer X
Stainless Steel Bailer
Stack Pump
Suction Pump
Grundfos
Peristaltic Pump
QED Bladder Pump
Other:

Sampling Equipment:
Disposable Bailer X
Pressure Bailer
Metal Filters
Peristaltic Pump
QED Bladder Pump
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1245 Weather Conditions: Clear
Sample Time/Date: 1330 / 3/1/13 Water Color: clear Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: Lt Brn
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 29.59

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1252	3	6.89	572	17.8		
1300	6	6.80	559	17.2		
1307	8.5	6.73	543	17.1		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-6	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/EDB/EDC(8260)/ ETHANOL(8260)

COMMENTS: 12" Div

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351563 / 5367 Job Number: 385677
Site Address: 500 Bancroft Avenue Event Date: 3/1/13 (inclusive)
City: San Leandro, CA Sampler: JH

Well ID MW-7 Date Monitored: 3/1/13
Well Diameter (2)/4 in.
Total Depth 42.06 ft.
Depth to Water 27.97 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

14.09 xVF .17 = 2.39 x3 case volume = Estimated Purge Volume: 7.18 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.78

Purge Equipment:
Disposable Bailer: X
Stainless Steel Bailer:
Stack Pump:
Suction Pump:
Grundfos:
Peristaltic Pump:
QED Bladder Pump:
Other:

Sampling Equipment:
Disposable Bailer: X
Pressure Bailer:
Metal Filters:
Peristaltic Pump:
QED Bladder Pump:
Other:

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1355 Weather Conditions: Clear
Sample Time/Date: 1435 / 3/1/13 Water Color: cloudy Odor: Y / (N)
Approx. Flow Rate: ~ gpm. Sediment Description: Loam
Did well de-water? no If yes, Time: Volume: gal. DTW @ Sampling: 29.61

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (S))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1401	2.5	6.83	567	18.0		
1407	5.0	6.79	542	18.1		
1414	7.5	6.74	529	18.3		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-7	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/EDB/EDC(8260)/ ETHANOL(8260)

COMMENTS: 12" Div

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/Facility#: Chevron #351563 / 5367 Job Number: 385677
Site Address: 500 Bancroft Avenue Event Date: 3/1/13 (inclusive)
City: San Leandro, CA Sampler: JH

Well ID MW-8 Date Monitored: 3/1/13
Well Diameter 2/4 in.
Total Depth 43.92 ft.
Depth to Water 27.96 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

15.96 xVF .17 = 2.71 x3 case volume = Estimated Purge Volume: 8.13 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 31.15

Purge Equipment:

Disposable Bailer	X
Stainless Steel Bailer	
Stack Pump	
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Metal Filters	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Time Started: (2400 hrs)
Time Completed: (2400 hrs)
Depth to Product: ft
Depth to Water: ft
Hydrocarbon Thickness: ft
Visual Confirmation/Description:
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: gal
Amt Removed from Well: gal
Water Removed:

Start Time (purge): 1500 Weather Conditions: Clear
Sample Time/Date: 1545 / 3/1/13 Water Color: Cloudy Odor: Y / (N)
Approx. Flow Rate: — gpm. Sediment Description: Lt Gry
Did well de-water? No If yes, Time: Volume: gal. DTW @ Sampling: 29.05

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm (µS))	Temperature (C / F)	D.O. (mg/L)	ORP (mV)
1508	3	6.85	607	18.3		
1516	6	6.77	592	18.1		
1523	8.5	6.64	574	18.0		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-8	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/EDB/EDC(8260)/ ETHANOL(8260)

COMMENTS: 12" Div

Add/Replaced Gasket: Add/Replaced Bolt: Add/Replaced Lock: Add/Replaced Plug:

GETTLER-RYAN INC.

WELL MONITORING/SAMPLING
FIELD DATA SHEET

Client/Facility#: Chevron #351563 / 5367 | Job Number: 385677
Site Address: 500 Bancroft Avenue | Event Date: 3.1.13 (inclusive)
City: San Leandro, CA | Sampler: JH

Well ID: MW-9 | Date Monitored: 3.1.13
Well Diameter: 2 (3) 4 in.
Total Depth: 44.52 ft.
Depth to Water: 27.02 ft.

Volume Factor (VF)	3/4"= 0.02	1"= 0.04	2"= 0.17	3"= 0.38
	4"= 0.66	5"= 1.02	6"= 1.50	12"= 5.80

☐ Check if water column is less then 0.50 ft.

17.50 xVF .17 = 2.97 x3 case volume = Estimated Purge Volume: 8.92 gal.

Depth to Water w/ 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.52

Purge Equipment:

Disposable Bailer	
Stainless Steel Bailer	
Stack Pump	X
Suction Pump	
Grundfos	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Sampling Equipment:

Disposable Bailer	X
Pressure Bailer	
Metal Filters	
Peristaltic Pump	
QED Bladder Pump	
Other:	

Time Started: _____ (2400 hrs)
Time Completed: _____ (2400 hrs)
Depth to Product: _____ ft
Depth to Water: _____ ft
Hydrocarbon Thickness: _____ ft
Visual Confirmation/Description: _____
Skimmer / Absorbant Sock (circle one)
Amt Removed from Skimmer: _____ gal
Amt Removed from Well: _____ gal
Water Removed: _____

Start Time (purge): 1145 | Weather Conditions: clear
Sample Time/Date: 1220 / 3.1.13 | Water Color: cloudy Odor: Y / (N)
Approx. Flow Rate: 1 – gpm. | Sediment Description: Light
Did well de-water? NO If yes, Time: _____ Volume: _____ gal. DTW @ Sampling: 30.07

Time (2400 hr.)	Volume (gal.)	pH	Conductivity (µmhos/cm - (US))	Temperature ((C) / F)	D.O. (mg/L)	ORP (mV)
1148	3	7.52	577	17.6		
1151	6	7.39	560	17.5		
1154	9	7.31	532	17.2		

LABORATORY INFORMATION

SAMPLE ID	(#) CONTAINER	REFRIG.	PRESERV. TYPE	LABORATORY	ANALYSES
MW-9	3 x voa vial	YES	HCL	BC LABS	TPH-GRO GC/MS/BTEX+MTBE(8260)/EDB/EDC(8260)/ ETHANOL(8260)

COMMENTS: 12" Morrison

Add/Replaced Gasket: _____ Add/Replaced Bolt: _____ Add/Replaced Lock: _____ Add/Replaced Plug: _____

CHAIN OF CUSTODY FORM

Union Oil Company of California ■ 6101 Bollinger Canyon Road ■ San Ramon, CA 94583

COC ________ of ________

Union Oil Site ID: 5367	Union Oil Consultant: ~~Roya Kambin~~ Arcadis
Site Global ID: T0600101479	Consultant Contact: Katherine Brandt
Site Address: 500 Bancroft Ave, San Leandro CA	Consultant Phone No.: 510-596-9675
	Sampling Company: ~~TRC~~ Gettler Ryan
Union Oil PM: Roya Kambin	Sampled By (PRINT): S Herron
Union Oil PM Phone No.: 925-790-6270	Sampler Signature: [signature]
Charge Code: NWRTB- 0 3 5 1 5 6 9 -0- LAB	**BC Laboratories, Inc.** **Project Manager: Molly Meyers** 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

ANALYSES REQUIRED

Turnaround Time (TAT): Standard ☒ 24 Hours ☐ 48 Hours ☐ 72 Hours ☐

Special Instructions

SAMPLE ID

Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GC/MS	BTEX/MTBE/~~OXYS~~ by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	EDB/EDC (8260)						Notes / Comments
QA	(W)-S-A		130301		2		X	X									
MW-1	W-S-A		↓	0925	3		X	X	X		X						
MW-2	W-S-A			0840	↓		X	X	X		X						
MW-3	W-S-A			1025			X	X	X		X						
MW-4	W-S-A			1125			X	X	X		X						
MW-5	W-S-A			0735			X	X	X		X						
MW-6	W-S-A			1330			X	X	X		X						
MW-7	W-S-A			1435			X	X	X		X						
MW-8	W-S-A			1545			X	X	X		X						
MW-9	W-S-A		↓	1220	↓		X	X	X		X						
	W-S-A																
	W-S-A																

Relinquished By	Company	Date / Time:	Relinquished By	Company	Date / Time :	Relinquished By	Company	Date / Time:
[signature]	G[illegible]		[illegible]	[illegible]	[illegible]			

Received By	Company	Date / Time:	Received By	Company	Date / Time :	Received By	Company	Date / Time:
Gettler-R[illegible]	F[illegible]	[illegible]	Mary Bryan	BC LAB	3-21-13 1015			

ARCADIS

Attachment B

Historical Groundwater Results from TRC

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)
D	=	duplicate
P	=	no-purge sample

ANALYTES

DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Prior to the 1st quarter 2010, the word "monitor" was used in table comments interchangeably with the word "gauge". Starting in the 1st quarter 2010, the word "monitor" is used to include both "gauge" and "sample".

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5367 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 17, 2011
76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
MW-1															
9/23/1987	57.83	33.40	0	24.43	--	--	--	--	--	--	--	--	--	--	
9/24/1987	57.83	33.24	0.01	24.60	0.17	--	--	--	--	--	--	--	--	--	
10/6/1987	57.83	33.39	0.01	24.45	-0.15	--	--	--	--	--	--	--	--	--	
11/5/1987	57.83	34.14	0.31	23.92	-0.52	--	--	--	--	--	--	--	--	--	
11/13/1987	57.83	34.15	0.38	23.97	0.04	--	--	--	--	--	--	--	--	--	
11/19/1987	57.83	33.89	0.06	23.99	0.02	--	--	--	--	--	--	--	--	--	
4/27/1988	57.83	32.40	0.01	25.44	1.45	--	--	--	--	--	--	--	--	--	
9/7/1988	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
10/3/1988	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
1/27/1989	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
2/16/1990	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
7/19/1990	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
8/24/1990	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/30/1990	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
2/6/1991	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
5/6/1991	57.83	33.00	0	24.83	--	--	--	--	--	--	--	--	--	--	
9/27/1991	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/31/1992	57.83	31.00	0	26.83	--	330000	--	8200	33000	6800	36000	--	--	--	
6/18/1992	57.83	32.76	0	25.07	-1.76	680000	--	9000	40000	7600	44000	--	--	--	
10/16/1992	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/18/1992	57.83	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
3/3/1993	57.83	26.03	0	31.80	--	330000	--	3800	21000	4200	24000	--	--	--	
6/25/1993	57.83	28.36	0	29.47	-2.33	160000	--	4300	36000	5800	34000	--	--	--	
9/3/1993	57.83	30.80	0	27.03	-2.44	160000	--	3900	41000	6800	38000	--	--	--	
12/13/1993	57.83	32.73	0	25.10	-1.93	140000	--	3600	37000	7100	40000	--	--	--	
3/18/1994	57.83	30.10	0	27.73	2.63	99000	--	3800	37000	6800	36000	--	--	--	
6/23/1994	57.83	31.32	0	26.51	-1.22	150000	--	2500	33000	6400	37000	--	--	--	
9/21/1994	57.83	33.21	0	24.62	-1.89	110000	--	2500	23000	4500	25000	--	--	--	
12/19/1994	57.83	30.97	0	26.86	2.24	200000	--	2400	28000	6600	37000	--	--	--	
3/27/1995	57.83	22.77	0	35.06	8.20	88000	--	1500	20000	4200	25000	--	--	--	
6/26/1995	57.83	25.69	0	32.14	-2.92	130000	--	1000	23000	5600	33000	--	--	--	
7/28/1995	57.83	26.97	0	30.86	-1.28	--	--	--	--	--	--	--	--	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
9/28/1995	57.83	29.55	0	28.28	-2.58	100000	--	810	21000	6500	37000	--	--	--	
10/24/1995	57.83	29.99	0	27.84	-0.44	--	--	--	--	--	--	--	--	--	
12/29/1995	57.83	30.40	0	27.43	-0.41	110000	--	990	22000	8300	47000	--	--	--	
3/27/1996	57.83	22.29	0	35.54	8.11	120000	--	920	17000	7100	41000	180	180	--	
9/21/1996	57.83	29.44	0	28.39	-7.15	110000	--	270	3500	5900	16000	260	260	--	
3/31/1997	57.83	24.18	0	33.65	5.26	82000	--	240	8700	3800	23000	ND	--	--	
9/27/1997	57.83	31.86	0	25.97	-7.68	81000	--	ND	1000	5900	31000	ND	--	--	
3/20/1998	57.83	16.88	0	40.95	14.98	52000	--	ND	350	2900	14000	ND	--	--	
9/9/1998	57.83	26.21	0	31.62	-9.33	59000	--	51	64	6000	4800	ND	--	--	
3/11/1999	57.83	23.60	0	34.23	2.61	60000	--	130	ND	2900	12000	ND	--	--	
9/8/1999	57.83	28.70	0	29.13	-5.10	74000	--	ND	ND	2600	10000	ND	--	--	
3/24/2000	57.83	21.61	0	36.22	7.09	37000	--	ND	ND	1980	6880	ND	--	--	
9/15/2000	57.83	28.19	0	29.64	-6.58	45800	--	ND	ND	3150	10500	ND	--	--	
3/16/2001	57.83	25.59	0	32.24	2.60	37500	--	76.2	16.6	2010	7330	ND	--	--	
8/31/2001	57.83	29.03	0	28.80	-3.44	62000	--	79	ND<50	3000	13000	ND<250	--	--	
3/15/2002	57.83	25.58	0	32.25	3.45	26000	--	43	22	2400	10000	ND<100	--	--	
9/26/2002	57.83	29.51	0	28.32	-3.93	--	56000	31	ND<25	2500	11000	--	ND<100	--	
3/16/2003	57.83	26.71	0	31.12	2.80	--	43000	ND<250	ND<250	2200	6800	--	ND<1000	--	
9/3/2003	57.83	29.54	0	28.29	-2.83	--	55000	ND<50	ND<50	2200	4200	--	ND<200	--	
3/11/2004	57.83	25.57	0	32.26	3.97	--	23000	10	ND<5.0	1100	2100	--	ND<20	--	
9/24/2004	57.83	31.20	0	26.63	-5.63	--	29000	15	ND<10	1900	1100	--	ND<10	--	
3/29/2005	57.83	23.38	0	34.45	7.82	--	26000	15	ND<10	990	260	--	ND<10	--	
9/12/2005	57.83	28.13	0	29.70	-4.75	--	15000	13	1.3	1100	110	--	0.93	--	
3/27/2006	57.83	21.38	0	36.45	6.75	--	11000	7.6	1.0	590	90	--	ND<0.50	--	
9/8/2006	57.83	26.73	0	31.10	-5.35	--	9000	4.7	4.0	460	82	--	ND<0.50	--	
1/29/2007	57.83	28.63	0	29.20	-1.90	--	10000	9.2	ND<5.0	990	310	--	ND<5.0	--	
7/2/2007	57.83	29.53	0	28.30	-0.90	--	8800	10	ND<6.2	910	170	--	ND<6.2	--	
1/14/2008	57.83	29.19	0	28.64	0.34	--	8400	12	ND<6.2	960	88	--	ND<6.2	--	
9/2/2008	57.83	31.88	0	25.95	-2.69	--	8300	7.7	ND<5.0	850	56	--	ND<5.0	--	
3/13/2009	57.83	27.43	0	30.40	4.45	--	9600	6.1	ND<5.0	970	160	--	ND<5.0	--	
9/1/2009	57.83	31.77	0	26.06	-4.34	--	12000	17	ND<5.0	590	16	--	21	--	
1/26/2010	57.83	28.68	0	29.15	3.09	--	8100	5.5	ND<5.0	730	ND<10	--	ND<5.0	--	
9/30/2010	57.83	30.63	0	27.20	-1.95	--	6600	6.9	ND<5.0	510	38	--	ND<5.0	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 17, 2011
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
3/17/2011	57.83	25.42	0	32.41	5.21	--	4900	ND<5.0	ND<5.0	440	27	--	ND<5.0	--	
MW-2															
10/3/1988	58.13	36.04	0	22.09	--	1760	--	47.8	7.4	20.9	81.6	--	--	--	
1/27/1989	58.13	34.77	0	23.36	1.27	510	--	58	8.7	22.6	20.3	--	--	--	
2/16/1990	58.13	34.50	0	23.63	0.27	840	--	50	0.5	28	44	--	--	--	
5/1/1990	58.13	--	--	--	--	1000	--	39	ND	32	52	--	--	--	
7/19/1990	58.13	35.72	0	22.41	--	--	--	--	--	--	--	--	--	--	
8/24/1990	58.13	36.30	0	21.83	-0.58	330	--	17	ND	19	20	--	--	--	
11/30/1990	58.13	37.40	0	20.73	-1.10	400	--	41	ND	39	37	--	--	--	
2/7/1991	58.13	37.27	0	20.86	0.13	510	--	40	ND	29	44	--	--	--	
5/6/1991	58.13	33.31	0	24.82	3.96	2300	--	150	10	52	110	--	--	--	
9/27/1991	58.13	36.86	0	21.27	-3.55	110	--	2.6	ND	5.6	5.1	--	--	--	
12/27/1991	58.13	37.66	0	20.47	-0.80	170	--	3.9	ND	7.3	60	--	--	--	
3/31/1992	58.13	37.66	0	20.47	0.00	--	--	--	--	--	--	--	--	--	
6/18/1992	58.13	31.27	0	26.86	6.39	1200	--	35	1.6	56	26	--	--	--	
9/30/1992	58.13	--	--	--	--	820	--	21	ND	42	25	--	--	--	
10/16/1992	58.13	35.87	0	22.26	--	--	--	--	--	--	--	--	--	--	
11/18/1992	58.13	36.24	0	21.89	-0.37	65	--	1.2	ND	2.8	1.4	--	--	--	
3/3/1993	58.13	26.30	0	31.83	9.94	4200	--	62	2.9	97	120	--	--	--	
6/25/1993	58.13	28.40	0	29.73	-2.10	4000	--	110	ND	320	280	--	--	--	
9/3/1993	58.13	31.10	0	27.03	-2.70	1400	--	31	4.3	99	53	--	--	--	
12/13/1993	58.13	33.03	0	25.10	-1.93	260	--	7.7	0.83	17	23	--	--	--	
3/18/1994	58.13	30.34	0	27.79	2.69	250	--	6.4	0.64	28	24	--	--	--	
6/23/1994	58.13	31.63	0	26.50	-1.29	420	--	3.9	0.66	23	11	--	--	--	
9/21/1994	58.13	33.52	0	24.61	-1.89	ND	--	ND	ND	ND	ND	--	--	--	
12/19/1994	58.13	31.26	0	26.87	2.26	190	--	1.9	ND	15	6.8	--	--	--	
3/27/1995	58.13	23.02	0	35.11	8.24	ND	--	ND	0.55	1.2	2.5	--	--	--	
6/26/1995	58.13	25.98	0	32.15	-2.96	ND	--	ND	0.93	0.88	3.4	--	--	--	
7/28/1995	58.13	27.26	0	30.87	-1.28	--	--	--	--	--	--	--	--	--	
9/28/1995	58.13	29.77	0	28.36	-2.51	730	--	2.9	--	41	29	--	--	--	
10/24/1995	58.13	30.56	0	27.57	-0.79	--	--	--	--	--	--	--	--	--	
12/29/1995	58.13	30.25	0	27.88	0.31	860	--	4.3	1	27	50	--	--	--	
3/27/1996	58.13	22.30	0	35.83	7.95	--	--	--	--	--	--	--	--	--	Connected to system

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
9/21/1996	58.13	29.47	0	28.66	-7.17	--	--	--	--	--	--	--	--	--	Connected to system
3/31/1997	58.13	24.20	0	33.93	5.27	ND	--	ND	ND	ND	ND	ND	--	--	
9/27/1997	58.13	31.07	0	27.06	-6.87	ND	--	ND	ND	ND	ND	ND	--	--	
3/20/1998	58.13	16.73	0	41.40	14.34	ND	--	ND	ND	ND	ND	ND	--	--	
9/9/1998	58.13	26.03	0	32.10	-9.30	ND	--	ND	0.54	ND	0.57	ND	--	--	
3/11/1999	58.13	23.46	0	34.67	2.57	ND	--	ND	0.59	ND	1.1	ND	--	--	
9/8/1999	58.13	28.53	0	29.60	-5.07	ND	--	ND	ND	ND	ND	ND	--	--	
3/24/2000	58.13	21.45	0	36.68	7.08	ND	--	ND	ND	ND	ND	ND	--	--	
9/15/2000	58.13	28.02	0	30.11	-6.57	ND	--	ND	ND	ND	ND	ND	--	--	
3/16/2001	58.13	25.41	0	32.72	2.61	ND	--	ND	ND	ND	ND	ND	--	--	
8/31/2001	58.13	28.74	0	29.39	-3.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
3/15/2002	58.13	25.45	0	32.68	3.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
9/26/2002	58.13	29.36	0	28.77	-3.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
3/16/2003	58.13	26.58	0	31.55	2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/3/2003	58.13	29.34	0	28.79	-2.76	--	ND<50	ND<0.50	0.71	ND<0.50	ND<1	--	ND<2	--	
3/11/2004	58.13	25.41	0	32.72	3.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/24/2004	58.13	31.05	0	27.08	-5.64	--	66	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/29/2005	58.13	23.25	0	34.88	7.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/12/2005	58.13	27.98	0	30.15	-4.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/27/2006	58.13	21.22	0	36.91	6.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/8/2006	58.13	26.56	0	31.57	-5.34	--	56	ND<0.50	ND<0.50	0.71	ND<0.50	--	ND<0.50	--	
1/29/2007	58.13	28.46	0	29.67	-1.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
7/2/2007	58.13	29.37	0	28.76	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/14/2008	58.13	28.95	0	29.18	0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/2/2008	58.13	31.72	0	26.41	-2.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/13/2009	58.13	27.26	0	30.87	4.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/1/2009	58.13	31.61	0	26.52	-4.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
1/26/2010	58.13	28.51	0	29.62	3.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/30/2010	58.13	30.48	0	27.65	-1.97	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/17/2011	58.13	25.25	0	32.88	5.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
MW-3															
10/3/1988	57.92	35.86	0	22.06	--	61000	--	1060	3380	1520	8720	--	--	--	
1/27/1989	57.92	34.60	0	23.32	1.26	39000	--	1570	2830	1250	7070	--	--	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
2/16/1990	57.92	35.23	0	22.69	-0.63	22000	--	710	4100	6900	33000	--	--	--	
5/1/1990	57.92	--	--	--	--	19000	--	330	170	310	1500	--	--	--	
7/19/1990	57.92	35.50	0	22.42	--	--	--	--	--	--	--	--	--	--	
8/24/1990	57.92	36.08	0	21.84	-0.58	19000	--	480	160	510	1500	--	--	--	
11/30/1990	57.92	37.17	0	20.75	-1.09	13000	--	390	81	410	1000	--	--	--	
2/6/1991	57.92	37.07	0	20.85	0.10	13000	--	310	150	380	1200	--	--	--	
5/6/1991	57.92	33.11	0	24.81	3.96	39000	--	1000	570	930	3900	--	--	--	
9/27/1991	57.92	36.64	0	21.28	-3.53	4000	--	160	84	180	560	--	--	--	
12/27/1991	57.92	37.46	0	20.46	-0.82	31000	--	240	280	400	1600	--	--	--	
3/31/1992	57.92	31.10	0	26.82	6.36	100000	--	1900	1900	2300	9400	--	--	--	
6/18/1992	57.92	32.83	0	25.09	-1.73	180000	--	2200	1700	2300	1100	--	--	--	
9/30/1992	57.92	--	--	--	--	36000	--	730	200	1000	4400	--	--	--	
10/16/1992	57.92	35.66	0	22.26	--	--	--	--	--	--	--	--	--	--	
11/18/1992	57.92	36.04	0	21.88	-0.38	24000	--	430	160	640	2800	--	--	--	
3/3/1993	57.92	26.11	0	31.81	9.93	96000	--	1400	1900	1400	8400	--	--	--	
6/25/1993	57.92	28.43	0	29.49	-2.32	27000	--	1200	980	1700	6900	--	--	--	
9/3/1993	57.92	30.88	0	27.04	-2.45	82000	--	2400	3400	4200	21000	--	--	--	
12/13/1993	57.92	32.82	0	25.10	-1.94	49000	--	1300	360	2300	9200	--	--	--	
3/18/1994	57.92	30.17	0	27.75	2.65	22000	--	1200	430	2200	9700	--	--	--	
6/23/1994	57.92	31.42	0	26.50	-1.25	37000	--	1300	670	3100	14000	--	--	--	
9/21/1994	57.92	33.30	0	24.62	-1.88	24000	--	890	110	2200	8800	--	--	--	
12/19/1994	57.92	31.07	0	26.85	2.23	100000	--	1200	2900	4200	23000	--	--	--	
3/27/1995	57.92	22.78	0	35.14	8.29	33000	--	410	66	1600	6500	--	--	--	
6/26/1995	57.92	25.78	0	32.14	-3.00	14000	--	300	ND	1300	3900	--	--	--	
7/28/1995	57.92	27.06	0	30.86	-1.28	--	--	--	--	--	--	--	--	--	
9/28/1995	57.92	29.57	0	28.35	-2.51	17000	--	730	30	4000	8800	--	--	--	
10/24/1995	57.92	30.34	0	27.58	-0.77	--	--	--	--	--	--	--	--	--	
12/29/1995	57.92	29.91	0	28.01	0.43	55000	--	700	ND	4900	16000	--	--	--	
3/27/1996	57.92	21.99	0	35.93	7.92	--	--	--	--	--	--	--	--	--	Connected to system
9/21/1996	57.92	29.15	0	28.77	-7.16	34000	--	140	ND	2200	6600	1800	--	--	
3/31/1997	57.92	23.86	0	34.06	5.29	17000	--	58	110	530	1500	ND	--	--	
9/27/1997	57.92	30.76	0	27.16	-6.90	11000	--	19	ND	850	420	140	--	--	
3/20/1998	57.92	16.39	0	41.53	14.37	ND	--	ND	ND	ND	ND	74	--	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
9/9/1998	57.92	25.70	0	32.22	-9.31	ND	--	ND	ND	ND	ND	ND	--	--	
3/11/1999	57.92	23.12	0	34.80	2.58	7300	--	ND	ND	320	210	ND	--	--	
9/8/1999	57.92	28.21	0	29.71	-5.09	7900	--	ND	ND	ND	160	ND	--	--	
3/24/2000	57.92	21.12	0	36.80	7.09	3310	--	5.4	ND	101	43.3	ND	--	--	
9/15/2000	57.92	27.68	0	30.24	-6.56	1540	--	ND	ND	56.4	ND	ND	12.6	--	
3/16/2001	57.92	25.09	0	32.83	2.59	678	--	3.14	1	16.4	14.6	42.9	--	--	
8/31/2001	57.92	28.53	0	29.39	-3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
3/15/2002	57.92	25.05	0	32.87	3.48	1500	--	ND<2.50	ND<2.50	43	ND<2.50	ND<12	--	--	
9/26/2002	57.92	28.98	0	28.94	-3.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
3/16/2003	57.92	26.19	0	31.73	2.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/3/2003	57.92	29.04	0	28.88	-2.85	--	1300	ND<0.50	0.53	19	ND<1	--	5.9	--	
3/11/2004	57.92	25.03	0	32.89	4.01	--	130	ND<0.50	ND<0.50	1.1	ND<1.0	--	ND<2.0	--	
9/24/2004	57.92	30.70	0	27.22	-5.67	--	640	ND<0.50	ND<0.50	6.5	ND<1.0	--	1.1	--	
3/29/2005	57.92	22.80	0	35.12	7.90	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/12/2005	57.92	27.63	0	30.29	-4.83	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	--	
3/27/2006	57.92	20.83	0	37.09	6.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/8/2006	57.92	26.21	0	31.71	-5.38	--	65	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/29/2007	57.92	28.14	0	29.78	-1.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
7/2/2007	57.92	29.03	0	28.89	-0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/14/2008	57.92	28.64	0	29.28	0.39	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/2/2008	57.92	31.38	0	26.54	-2.74	--	80	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/13/2009	57.92	26.92	0	31.00	4.46	--	88	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/1/2009	57.92	31.26	0	26.66	-4.34	--	280	ND<0.50	ND<0.50	0.98	ND<1.0	--	ND<0.50	--	
1/26/2010	57.92	28.18	0	29.74	3.08	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/30/2010	57.92	30.13	0	27.79	-1.95	--	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/17/2011	57.92	24.91	0	33.01	5.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
MW-4															
10/3/1988	58.29	36.12	0	22.17	--	ND	--	ND	ND	ND	ND	--	--	--	
1/27/1989	58.29	34.87	0	23.42	1.25	ND	--	ND	ND	ND	ND	--	--	--	
2/16/1990	58.29	35.60	0	22.69	-0.73	ND	--	ND	ND	ND	ND	--	--	--	
5/1/1990	58.29	--	--	--	--	ND	--	ND	ND	0.68	1.4	--	--	--	
7/19/1990	58.29	35.78	0	22.51	--	--	--	--	--	--	--	--	--	--	
8/24/1990	58.29	36.35	0	21.94	-0.57	ND	--	ND	ND	ND	ND	--	--	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
11/30/1990	58.29	37.46	0	20.83	-1.11	ND	--	ND	ND	ND	1.2	--	--	--	
2/6/1991	58.29	37.40	0	20.89	0.06	ND	--	ND	ND	ND	ND	--	--	--	
5/6/1991	58.29	33.39	0	24.90	4.01	--	--	--	--	--	--	--	--	--	
9/27/1991	58.29	36.90	0	21.39	-3.51	ND	--	ND	ND	ND	ND	--	--	--	
12/27/1991	58.29	37.76	0	20.53	-0.86	ND	--	ND	ND	ND	ND	--	--	--	
3/31/1992	58.29	31.41	0	26.88	6.35	ND	--	ND	ND	ND	ND	--	--	--	
6/18/1992	58.29	33.09	0	25.20	-1.68	ND	--	ND	ND	ND	ND	--	--	--	
10/16/1992	58.29	35.92	0	22.37	-2.83	ND	--	ND	ND	ND	ND	--	--	--	
11/18/1992	58.29	36.33	0	21.96	-0.41	--	--	--	--	--	--	--	--	--	
3/3/1993	58.29	26.43	0	31.86	9.90	68	--	0.9	0.6	ND	1.9	--	--	--	
6/25/1993	58.29	28.60	0	29.69	-2.17	--	--	--	--	--	--	--	--	--	
9/3/1993	58.29	31.05	0	27.24	-2.45	86	--	14	13	1.4	7.1	--	--	--	
12/13/1993	58.29	33.09	0	25.20	-2.04	--	--	--	--	--	--	--	--	--	Sampled semi-annually
3/18/1994	58.29	30.42	0	27.87	2.67	ND	--	ND	ND	ND	ND	--	--	--	
6/23/1994	58.29	31.95	0	26.34	-1.53	--	--	--	--	--	--	--	--	--	
9/21/1994	58.29	33.86	0	24.43	-1.91	ND	--	ND	0.78	ND	0.81	--	--	--	
12/19/1994	58.29	31.72	0	26.57	2.14	--	--	--	--	--	--	--	--	--	
3/27/1995	58.29	23.44	0	34.85	8.28	ND	--	ND	0.79	0.51	3.1	--	--	--	
6/26/1995	58.29	26.26	0	32.03	-2.82	--	--	--	--	--	--	--	--	--	
7/28/1995	58.29	27.53	0	30.76	-1.27	--	--	--	--	--	--	--	--	--	
9/28/1995	58.29	30.05	0	28.24	-2.52	ND	--	ND	ND	ND	ND	--	--	--	
10/24/1995	58.29	30.79	0	27.50	-0.74	--	--	--	--	--	--	--	--	--	
12/29/1995	58.29	30.96	0	27.33	-0.17	--	--	--	--	--	--	--	--	--	
3/27/1996	58.29	22.71	0	35.58	8.25	ND	--	ND	0.7	ND	0.79	ND	--	--	
9/21/1996	58.29	29.88	0	28.41	-7.17	ND	--	ND	ND	ND	ND	ND	--	--	
3/31/1997	58.29	24.72	0	33.57	5.16	ND	--	ND	ND	ND	ND	ND	--	--	
9/27/1997	58.29	31.68	0	26.61	-6.96	ND	--	ND	ND	ND	ND	ND	--	--	
3/20/1998	58.29	17.27	0	41.02	14.41	ND	--	ND	ND	ND	ND	ND	--	--	
9/9/1998	58.29	26.58	0	31.71	-9.31	ND	--	ND	ND	ND	0.65	3	--	--	
3/11/1999	58.29	24.12	0	34.17	2.46	ND	--	ND	0.7	ND	1.2	ND	--	--	
9/8/1999	58.29	29.18	0	29.11	-5.06	ND	--	ND	ND	ND	0.78	ND	--	--	
3/24/2000	58.29	22.08	0	36.21	7.10	ND	--	ND	ND	ND	ND	ND	--	--	
9/15/2000	58.29	28.63	0	29.66	-6.55	ND	--	ND	1.36	ND	1.46	ND	--	--	

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HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
11/30/1990	58.29	37.46	0	20.83	-1.11	ND	--	ND	ND	ND	1.2	--	--	--	
2/6/1991	58.29	37.40	0	20.89	0.06	ND	--	ND	ND	ND	ND	--	--	--	
5/6/1991	58.29	33.39	0	24.90	4.01	--	--	--	--	--	--	--	--	--	
9/27/1991	58.29	36.90	0	21.39	-3.51	ND	--	ND	ND	ND	ND	--	--	--	
12/27/1991	58.29	37.76	0	20.53	-0.86	ND	--	ND	ND	ND	ND	--	--	--	
3/31/1992	58.29	31.41	0	26.88	6.35	ND	--	ND	ND	ND	ND	--	--	--	
6/18/1992	58.29	33.09	0	25.20	-1.68	ND	--	ND	ND	ND	ND	--	--	--	
10/16/1992	58.29	35.92	0	22.37	-2.83	ND	--	ND	ND	ND	ND	--	--	--	
11/18/1992	58.29	36.33	0	21.96	-0.41	--	--	--	--	--	--	--	--	--	
3/3/1993	58.29	26.43	0	31.86	9.90	68	--	0.9	0.6	ND	1.9	--	--	--	
6/25/1993	58.29	28.60	0	29.69	-2.17	--	--	--	--	--	--	--	--	--	
9/3/1993	58.29	31.05	0	27.24	-2.45	86	--	14	13	1.4	7.1	--	--	--	
12/13/1993	58.29	33.09	0	25.20	-2.04	--	--	--	--	--	--	--	--	--	Sampled semi-annually
3/18/1994	58.29	30.42	0	27.87	2.67	ND	--	ND	ND	ND	ND	--	--	--	
6/23/1994	58.29	31.95	0	26.34	-1.53	--	--	--	--	--	--	--	--	--	
9/21/1994	58.29	33.86	0	24.43	-1.91	ND	--	ND	0.78	ND	0.81	--	--	--	
12/19/1994	58.29	31.72	0	26.57	2.14	--	--	--	--	--	--	--	--	--	
3/27/1995	58.29	23.44	0	34.85	8.28	ND	--	ND	0.79	0.51	3.1	--	--	--	
6/26/1995	58.29	26.26	0	32.03	-2.82	--	--	--	--	--	--	--	--	--	
7/28/1995	58.29	27.53	0	30.76	-1.27	--	--	--	--	--	--	--	--	--	
9/28/1995	58.29	30.05	0	28.24	-2.52	ND	--	ND	ND	ND	ND	--	--	--	
10/24/1995	58.29	30.79	0	27.50	-0.74	--	--	--	--	--	--	--	--	--	
12/29/1995	58.29	30.96	0	27.33	-0.17	--	--	--	--	--	--	--	--	--	
3/27/1996	58.29	22.71	0	35.58	8.25	ND	--	ND	0.7	ND	0.79	ND	--	--	
9/21/1996	58.29	29.88	0	28.41	-7.17	ND	--	ND	ND	ND	ND	ND	--	--	
3/31/1997	58.29	24.72	0	33.57	5.16	ND	--	ND	ND	ND	ND	ND	--	--	
9/27/1997	58.29	31.68	0	26.61	-6.96	ND	--	ND	ND	ND	ND	ND	--	--	
3/20/1998	58.29	17.27	0	41.02	14.41	ND	--	ND	ND	ND	ND	ND	--	--	
9/9/1998	58.29	26.58	0	31.71	-9.31	ND	--	ND	ND	ND	0.65	3	--	--	
3/11/1999	58.29	24.12	0	34.17	2.46	ND	--	ND	0.7	ND	1.2	ND	--	--	
9/8/1999	58.29	29.18	0	29.11	-5.06	ND	--	ND	ND	ND	0.78	ND	--	--	
3/24/2000	58.29	22.08	0	36.21	7.10	ND	--	ND	ND	ND	ND	ND	--	--	
9/15/2000	58.29	28.63	0	29.66	-6.55	ND	--	ND	1.36	ND	1.46	ND	--	--	

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3/16/2001	58.29	26.14	0	32.15	2.49	ND	--	ND	ND	ND	ND	ND	--	--	
8/31/2001	58.29	29.27	0	29.02	-3.13	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
3/15/2002	58.29	26.07	0	32.22	3.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
9/26/2002	58.29	29.95	0	28.34	-3.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
3/16/2003	58.29	27.20	0	31.09	2.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/3/2003	58.29	29.99	0	28.30	-2.79	--	ND<50	ND<0.50	0.58	ND<0.50	ND<1	--	ND<2	--	
3/11/2004	58.29	26.07	0	32.22	3.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/24/2004	58.29	31.71	0	26.58	-5.64	--	62	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/29/2005	58.29	23.93	0	34.36	7.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/12/2005	58.29	28.21	0	30.08	-4.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/27/2006	58.29	21.49	0	36.80	6.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/8/2006	58.29	26.81	0	31.48	-5.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/29/2007	58.29	28.79	0	29.50	-1.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
7/2/2007	58.29	29.67	0	28.62	-0.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/14/2008	58.29	29.43	0	28.86	0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/2/2008	58.29	32.07	0	26.22	-2.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/13/2009	58.29	27.70	0	30.59	4.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/1/2009	58.29	31.92	0	26.37	-4.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
1/26/2010	58.29	29.14	0	29.15	2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/30/2010	58.29	31.43	0	26.86	-2.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/17/2011	58.29	25.63	0	32.66	5.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
MW-5															
2/16/1990	58.50	35.89	0	22.61	--	67	--	0.51	1.6	2.9	7.5	--	--	--	
5/1/1990	58.50	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
7/19/1990	58.50	36.10	0	22.40	--	--	--	--	--	--	--	--	--	--	
8/24/1990	58.50	36.67	0	21.83	-0.57	ND	--	ND	ND	ND	ND	--	--	--	
11/30/1990	58.50	37.74	0	20.76	-1.07	ND	--	ND	0.7	ND	ND	--	--	--	
2/6/1991	58.50	37.62	0	20.88	0.12	ND	--	ND	ND	ND	ND	--	--	--	
5/6/1991	58.50	33.67	0	24.83	3.95	--	--	--	--	--	--	--	--	--	
9/27/1991	58.50	37.23	0	21.27	-3.56	ND	--	ND	ND	ND	ND	--	--	--	
12/27/1991	58.50	38.02	0	20.48	-0.79	ND	--	ND	ND	ND	ND	--	--	--	
3/31/1992	58.50	31.62	0	26.88	6.40	ND	--	ND	ND	ND	1.1	--	--	--	
6/18/1992	58.50	33.46	0	25.04	-1.84	--	--	--	--	--	--	--	--	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
10/16/1992	58.50	36.23	0	22.27	-2.77	ND	--	ND	ND	ND	ND	--	--	--	
11/18/1992	58.50	36.62	0	21.88	-0.39	--	--	--	--	--	--	--	--	--	
3/3/1993	58.50	26.62	0	31.88	10.00	ND	--	ND	ND	ND	ND	--	--	--	
6/25/1993	58.50	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
9/3/1993	58.50	31.45	0	27.05	--	ND	--	ND	1.5	ND	7.9	--	--	--	
12/13/1993	58.50	33.39	0	25.11	-1.94	--	--	--	--	--	--	--	--	--	Sampled semi-annually
3/18/1994	58.50	30.67	0	27.83	2.72	ND	--	ND	ND	ND	ND	--	--	--	
6/23/1994	58.50	32.00	0	26.50	-1.33	--	--	--	--	--	--	--	--	--	
9/21/1994	58.50	33.90	0	24.60	-1.90	ND	--	ND	0.98	ND	1.6	--	--	--	
12/19/1994	58.50	31.63	0	26.87	2.27	--	--	--	--	--	--	--	--	--	
3/27/1995	58.50	23.44	0	35.06	8.19	ND	--	ND	0.66	ND	2.9	--	--	--	
6/26/1995	58.50	26.35	0	32.15	-2.91	--	--	--	--	--	--	--	--	--	
7/28/1995	58.50	27.63	0	30.87	-1.28	--	--	--	--	--	--	--	--	--	
9/28/1995	58.50	30.15	0	28.35	-2.52	ND	--	ND	ND	ND	ND	--	--	--	
10/24/1995	58.50	30.98	0	27.52	-0.83	--	--	--	--	--	--	--	--	--	
12/29/1995	58.50	30.87	0	27.63	0.11	--	--	--	--	--	--	--	--	--	
3/27/1996	58.50	22.75	0	35.75	8.12	ND	--	ND	1.7	ND	2.4	ND	--	--	
9/21/1996	58.50	29.95	0	28.55	-7.20	ND	--	ND	ND	ND	ND	ND	--	--	
3/31/1997	58.50	24.80	0	33.70	5.15	ND	--	ND	ND	ND	ND	ND	--	--	
9/27/1997	58.50	31.65	0	26.85	-6.85	ND	--	ND	ND	ND	ND	ND	--	--	
3/20/1998	58.50	17.31	0	41.19	14.34	ND	--	ND	ND	ND	ND	ND	--	--	
9/9/1998	58.50	26.63	0	31.87	-9.32	ND	--	ND	ND	ND	ND	ND	--	--	
3/11/1999	58.50	24.08	0	34.42	2.55	ND	--	ND	0.96	ND	1.7	ND	--	--	
9/8/1999	58.50	29.16	0	29.34	-5.08	ND	--	ND	ND	ND	ND	ND	--	--	
3/24/2000	58.50	22.06	0	36.44	7.10	ND	--	ND	ND	ND	0.957	ND	--	--	
9/15/2000	58.50	28.64	0	29.86	-6.58	ND	--	ND	ND	ND	ND	ND	--	--	
3/16/2001	58.50	26.05	0	32.45	2.59	ND	--	ND	ND	ND	ND	ND	--	--	
8/31/2001	58.50	29.32	0	29.18	-3.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
3/15/2002	58.50	26.08	0	32.42	3.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
9/26/2002	58.50	29.96	0	28.54	-3.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
3/16/2003	58.50	27.24	0	31.26	2.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/3/2003	58.50	30.04	0	28.46	-2.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	--	
3/11/2004	58.50	26.05	0	32.45	3.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
9/24/2004	58.50	31.66	0	26.84	-5.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/29/2005	58.50	23.94	0	34.56	7.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.5	--	ND<0.50	--	
9/12/2005	58.50	28.59	0	29.91	-4.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/27/2006	58.50	21.59	0	36.91	7.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/8/2006	58.50	27.15	0	31.35	-5.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/29/2007	58.50	29.08	0	29.42	-1.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
7/2/2007	58.50	29.98	0	28.52	-0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/14/2008	58.50	29.55	0	28.95	0.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/2/2008	58.50	32.35	0	26.15	-2.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/13/2009	58.50	27.88	0	30.62	4.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/1/2009	58.50	32.24	0	26.26	-4.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
1/26/2010	58.50	29.13	0	29.37	3.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/30/2010	58.50	31.10	0	27.40	-1.97	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/17/2011	58.50	25.88	0	32.62	5.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
MW-6															
2/16/1990	56.96	34.50	0	22.46	--	ND	--	ND	ND	ND	ND	--	--	--	
5/1/1990	56.96	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--	
7/19/1990	56.96	34.74	0	22.22	--	ND	--	ND	ND	ND	ND	--	--	--	
8/24/1990	56.96	35.32	0	21.64	-0.58	ND	--	ND	ND	ND	ND	--	--	--	
11/30/1990	56.96	36.38	0	20.58	-1.06	ND	--	ND	ND	ND	ND	--	--	--	
2/6/1991	56.96	36.27	0	20.69	0.11	ND	--	ND	ND	ND	ND	--	--	--	
5/6/1991	56.96	32.41	0	24.55	3.86	--	--	--	--	--	--	--	--	--	
9/27/1991	56.96	35.87	0	21.09	-3.46	ND	--	ND	ND	ND	ND	--	--	--	
12/27/1991	56.96	36.67	0	20.29	-0.80	ND	--	ND	ND	ND	ND	--	--	--	
3/31/1992	56.96	30.32	0	26.64	6.35	ND	--	ND	1.3	ND	2	--	--	--	
6/18/1992	56.96	32.18	0	24.78	-1.86	ND	--	ND	ND	ND	ND	--	--	--	
10/16/1992	56.96	34.92	0	22.04	-2.74	ND	--	ND	ND	ND	ND	--	--	--	
11/18/1992	56.96	35.28	0	21.68	-0.36	--	--	--	--	--	--	--	--	--	
3/3/1993	56.96	25.43	0	31.53	9.85	ND	--	ND	ND	ND	ND	--	--	--	
6/25/1993	56.96	27.86	0	29.10	-2.43	--	--	--	--	--	--	--	--	--	
9/3/1993	56.96	30.25	0	26.71	-2.39	ND	--	ND	ND	ND	ND	--	--	--	
12/13/1993	56.96	32.14	0	24.82	-1.89	--	--	--	--	--	--	--	--	--	Sampled semi-annually
3/18/1994	56.96	29.46	0	27.50	2.68	ND	--	ND	0.93	ND	1.4	--	--	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
6/23/1994	56.96	30.76	0	26.20	-1.30	--	--	--	--	--	--	--	--	--	
9/21/1994	56.96	32.62	0	24.34	-1.86	ND	--	ND	ND	ND	ND	--	--	--	
12/19/1994	56.96	30.32	0	26.64	2.30	--	--	--	--	--	--	--	--	--	
3/27/1995	56.96	22.10	0	34.86	8.22	56	--	ND	0.65	ND	3.3	--	--	--	
6/26/1995	56.96	25.20	0	31.76	-3.10	--	--	--	--	--	--	--	--	--	
7/28/1995	56.96	26.48	0	30.48	-1.28	--	--	--	--	--	--	--	--	--	
9/28/1995	56.96	28.92	0	28.04	-2.44	ND	--	ND	ND	ND	ND	--	--	--	
10/24/1995	56.96	29.73	0	27.23	-0.81	--	--	--	--	--	--	--	--	--	
12/29/1995	56.96	29.62	0	27.34	0.11	--	--	--	--	--	--	--	--	--	
3/27/1996	56.96	21.59	0	35.37	8.03	50	--	ND	0.92	ND	0.96	ND	--	--	
9/21/1996	56.96	28.72	0	28.24	-7.13	ND	--	ND	ND	ND	ND	ND	--	--	
3/31/1997	56.96	23.72	0	33.24	5.00	73	--	0.67	0.82	ND	ND	ND	--	--	
9/27/1997	56.96	30.52	0	26.44	-6.80	ND	--	ND	ND	ND	ND	ND	--	--	
3/20/1998	56.96	16.35	0	40.61	14.17	ND	--	ND	ND	ND	ND	ND	--	--	
9/9/1998	56.96	25.53	0	31.43	-9.18	ND	--	ND	0.64	ND	0.65	3.3	--	--	
3/11/1999	56.96	22.85	0	34.11	2.68	ND	--	ND	0.71	ND	1.4	ND	--	--	
9/8/1999	56.96	28.01	0	28.95	-5.16	ND	--	ND	ND	ND	ND	ND	--	--	
3/24/2000	56.96	20.93	0	36.03	7.08	ND	--	ND	ND	ND	ND	ND	--	--	
9/15/2000	56.96	27.51	0	29.45	-6.58	ND	--	ND	ND	ND	ND	ND	--	--	
3/16/2001	56.96	24.87	0	32.09	2.64	ND	--	ND	ND	ND	ND	ND	--	--	
8/31/2001	56.96	28.20	0	28.76	-3.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
3/15/2002	56.96	24.82	0	32.14	3.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
9/26/2002	56.96	28.72	0	28.24	-3.90	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
3/16/2003	56.96	26.00	0	30.96	2.72	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/3/2003	56.96	28.78	0	28.18	-2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	--	
3/11/2004	56.96	24.78	0	32.18	4.00	--	69	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/24/2004	56.96	30.42	0	26.54	-5.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/29/2005	56.96	25.66	0	31.30	4.76	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/12/2005	56.96	27.41	0	29.55	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/27/2006	56.96	21.42	0	35.54	5.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/8/2006	56.96	26.02	0	30.94	-4.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/29/2007	56.96	27.91	0	29.05	-1.89	--	87	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
7/2/2007	56.96	28.78	0	28.18	-0.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
1/14/2008	56.96	28.26	0	28.70	0.52	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/2/2008	56.96	31.10	0	25.86	-2.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/13/2009	56.96	26.63	0	30.33	4.47	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/1/2009	56.96	31.01	0	25.95	-4.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
1/26/2010	56.96	27.77	0	29.19	3.24	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/30/2010	56.96	29.88	0	27.08	-2.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/17/2011	56.96	24.70	0	32.26	5.18	--	86	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
MW-7															
2/16/1990	57.25	35.75	0	21.50	--	ND	--	ND	ND	ND	ND	--	--	--	
5/1/1990	57.25	--	--	--	--	24	--	ND	ND	0.74	1.7	--	--	--	
7/19/1990	57.25	35.03	0	22.22	--	--	--	--	--	--	--	--	--	--	
8/24/1990	57.25	35.64	0	21.61	-0.61	ND	--	ND	ND	ND	ND	--	--	--	
11/30/1990	57.25	36.68	0	20.57	-1.04	ND	--	ND	ND	0.6	1.5	--	--	--	
2/6/1991	57.25	36.55	0	20.70	0.13	ND	--	ND	ND	ND	ND	--	--	--	
5/6/1991	57.25	32.69	0	24.56	3.86	ND	--	ND	ND	ND	ND	--	--	--	
9/27/1991	57.25	36.18	0	21.07	-3.49	ND	--	ND	ND	ND	ND	--	--	--	
12/27/1991	57.25	36.96	0	20.29	-0.78	ND	--	ND	ND	ND	ND	--	--	--	
3/31/1992	57.25	30.56	0	26.69	6.40	ND	--	ND	ND	ND	0.9	--	--	--	
6/18/1992	57.25	32.52	0	24.73	-1.96	--	--	--	--	--	--	--	--	--	
10/16/1992	57.25	35.24	0	22.01	-2.72	ND	--	ND	ND	ND	ND	--	--	--	
11/18/1992	57.25	35.59	0	21.66	-0.35	--	--	--	--	--	--	--	--	--	
3/3/1993	57.25	25.66	0	31.59	9.93	ND	--	ND	ND	ND	ND	--	--	--	
6/25/1993	57.25	28.25	0	29.00	-2.59	--	--	--	--	--	--	--	--	--	
9/3/1993	57.25	30.60	0	26.65	-2.35	ND	--	ND	ND	ND	ND	--	--	--	
12/13/1993	57.25	32.45	0	24.80	-1.85	--	--	--	--	--	--	--	--	--	Sampled semi-annually
3/18/1994	57.25	29.76	0	27.49	2.69	ND	--	ND	ND	ND	ND	--	--	--	
6/23/1994	57.25	31.10	0	26.15	-1.34	--	--	--	--	--	--	--	--	--	
9/21/1994	57.25	32.96	0	24.29	-1.86	ND	--	0.5	ND	ND	0.89	--	--	--	
12/19/1994	57.25	30.60	0	26.65	2.36	--	--	--	--	--	--	--	--	--	
3/27/1995	57.25	22.43	0	34.82	8.17	ND	--	ND	0.54	ND	1.9	--	--	--	
6/26/1995	57.25	25.55	0	31.70	-3.12	--	--	--	--	--	--	--	--	--	
7/28/1995	57.25	26.84	0	30.41	-1.29	--	--	--	--	--	--	--	--	--	
9/28/1995	57.25	29.29	0	27.96	-2.45	ND	--	ND	ND	ND	ND	--	--	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
10/24/1995	57.25	30.05	0	27.20	-0.76	--	--	--	--	--	--	--	--	--	
12/29/1995	57.25	29.91	0	27.34	0.14	--	--	--	--	--	--	--	--	--	
3/27/1996	57.25	21.94	0	35.31	7.97	ND	--	ND	1.1	ND	1.7	ND	--	--	
9/21/1996	57.25	29.07	0	28.18	-7.13	ND	--	ND	ND	ND	ND	ND	--	--	
3/31/1997	57.25	24.02	0	33.23	5.05	ND	--	ND	ND	ND	ND	ND	--	--	
9/27/1997	57.25	30.84	0	26.41	-6.82	ND	--	ND	ND	ND	ND	ND	--	--	
3/20/1998	57.25	16.68	0	40.57	14.16	ND	--	ND	ND	ND	ND	ND	--	--	
9/9/1998	57.25	25.89	0	31.36	-9.21	ND	--	ND	ND	ND	ND	4.1	--	--	
3/11/1999	57.25	23.16	0	34.09	2.73	ND	--	ND	0.91	ND	1.6	5.7	--	--	
9/8/1999	57.25	28.32	0	28.93	-5.16	ND	--	ND	ND	ND	ND	2.7	--	--	
3/24/2000	57.25	21.23	0	36.02	7.09	ND	--	ND	ND	ND	ND	ND	--	--	
9/15/2000	57.25	27.83	0	29.42	-6.60	ND	--	ND	ND	ND	ND	ND	--	--	
3/16/2001	57.25	25.15	0	32.10	2.68	ND	--	ND	ND	ND	ND	ND	--	--	
8/31/2001	57.25	28.49	0	28.76	-3.34	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
3/15/2002	57.25	24.96	0	32.29	3.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	--	
9/26/2002	57.25	29.09	0	28.16	-4.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
3/16/2003	57.25	26.33	0	30.92	2.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/3/2003	57.25	29.14	0	28.11	-2.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	--	
3/11/2004	57.25	25.09	0	32.16	4.05	--	72	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/24/2004	57.25	30.73	0	26.52	-5.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/29/2005	57.25	23.00	0	34.25	7.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/12/2005	57.25	27.71	0	29.54	-4.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/27/2006	57.25	21.28	0	35.97	6.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/8/2006	57.25	26.35	0	30.90	-5.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/29/2007	57.25	28.19	0	29.06	-1.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
7/2/2007	57.25	29.10	0	28.15	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/14/2008	57.25	28.51	0	28.74	0.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/2/2008	57.25	31.40	0	25.85	-2.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/13/2009	57.25	26.89	0	30.36	4.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/1/2009	57.25	31.33	0	25.92	-4.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
1/26/2010	57.25	27.96	0	29.29	3.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.65	--	
9/30/2010	57.25	30.22	0	27.03	-2.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/17/2011	57.25	24.99	0	32.26	5.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
MW-8															
2/16/1990	57.71	35.10	0	22.61	--	1900	--	11	ND	52	55	--	--	--	
5/1/1990	57.71	--	--	--	--	770	--	6.5	ND	20	32	--	--	--	
7/19/1990	57.71	35.41	0	22.30	--	--	--	--	--	--	--	--	--	--	
8/24/1990	57.71	36.00	0	21.71	-0.59	990	--	13	ND	48	66	--	--	--	
11/30/1990	57.71	37.08	0	20.63	-1.08	570	--	13	ND	45	36	--	--	--	
2/6/1991	57.71	36.92	0	20.79	0.16	630	--	9.6	ND	35	36	--	--	--	
5/6/1991	57.71	33.03	0	24.68	3.89	14000	--	80	ND	250	550	--	--	--	
9/27/1991	57.71	36.55	0	21.16	-3.52	720	--	13	4.3	26	26	--	--	--	
12/27/1991	57.71	37.34	0	20.37	-0.79	1600	--	15	2.9	40	49	--	--	--	
3/31/1992	57.71	31.93	0	25.78	5.41	15000	--	120	1	430	530	--	--	--	
6/18/1992	57.71	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/16/1992	57.71	35.58	0	22.13	--	300	--	0.96	ND	4	3.5	--	--	--	
11/18/1992	57.71	35.94	0	21.77	-0.36	1100	--	6.1	ND	13	5.6	--	--	--	
3/3/1993	57.71	26.00	0	31.71	9.94	13000	--	33	ND	160	290	--	--	--	
6/25/1993	57.71	28.27	0	29.44	-2.27	8100	--	160	ND	580	740	--	--	--	
9/3/1993	57.71	30.90	0	26.81	-2.63	9800	--	180	ND	580	700	--	--	--	
12/13/1993	57.71	32.75	0	24.96	-1.85	6900	--	180	ND	240	550	--	--	--	
3/18/1994	57.71	30.12	0	27.59	2.63	6100	--	85	ND	260	260	--	--	--	
6/23/1994	57.71	31.40	0	26.31	-1.28	12000	--	210	ND	610	860	--	--	--	
9/21/1994	57.71	33.30	0	24.41	-1.90	6900	--	190	ND	460	510	--	--	--	
12/19/1994	57.71	30.95	0	26.76	2.35	6200	--	91	ND	230	210	--	--	--	
3/27/1995	57.71	22.78	0	34.93	8.17	9200	--	240	ND	200	1400	--	--	--	
6/26/1995	57.71	24.83	0	32.88	-2.05	11000	--	320	ND	680	2000	--	--	--	
7/28/1995	57.71	27.10	0	30.61	-2.27	--	--	--	--	--	--	--	--	--	
9/28/1995	57.71	29.58	0	28.13	-2.48	10000	--	250	ND	760	910	--	--	--	
10/24/1995	57.71	30.40	0	27.31	-0.82	--	--	--	--	--	--	--	--	--	
12/29/1995	57.71	30.25	0	27.46	0.15	7500	--	260	ND	580	870	--	--	--	
3/27/1996	57.71	22.20	0	35.51	8.05	970	--	29	0.77	82	85	ND	--	--	
9/21/1996	57.71	29.34	0	28.37	-7.14	3800	--	27	ND	46	45	ND	--	--	
3/31/1997	57.71	24.35	0	33.36	4.99	ND	--	ND	ND	ND	ND	ND	--	--	
9/27/1997	57.71	31.15	0	26.56	-6.80	78	--	0.9	ND	12	ND	ND	--	--	
3/20/1998	57.71	16.84	0	40.87	14.31	ND	--	ND	ND	ND	ND	ND	--	--	

Table 2
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
9/9/1998	57.71	26.14	0	31.57	-9.30	910	--	ND	49	12	2.2	1.5	--	--	
3/11/1999	57.71	23.48	0	34.23	2.66	4700	--	9.6	ND	280	95	ND	--	--	
9/8/1999	57.71	28.60	0	29.11	-5.12	1900	--	ND	ND	36	ND	ND	--	--	
3/24/2000	57.71	21.49	0	36.22	7.11	ND	--	ND	ND	ND	ND	ND	--	--	
9/15/2000	57.71	28.09	0	29.62	-6.60	533	--	2.23	ND	6.27	0.684	ND	--	--	
3/16/2001	57.71	25.43	0	32.28	2.66	1000	--	ND	ND	17.8	44.5	ND	--	--	
8/31/2001	57.71	28.89	0	28.82	-3.46	6500	--	8.6	7.4	420	1900	ND<25	--	--	
3/15/2002	57.71	25.45	0	32.26	3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	
9/26/2002	57.71	29.37	0	28.34	-3.92	--	290	ND<0.50	ND<0.50	0.65	ND<1.0	--	ND<2.0	--	
3/16/2003	57.71	26.65	0	31.06	2.72	--	--	--	--	--	--	--	--	--	Inaccessible
9/3/2003	57.71	29.46	0	28.25	-2.81	--	450	ND<0.50	0.69	ND<0.50	ND<1.0	--	ND<2.0	--	
3/11/2004	57.71	25.42	0	32.29	4.04	--	950	ND<0.50	ND<0.50	15	1.4	--	ND<2.0	--	
9/24/2004	57.71	31.08	0	26.63	-5.66	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/29/2005	57.71	23.30	0	34.41	7.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/12/2005	57.71	28.07	0	29.64	-4.77	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/27/2006	57.71	21.28	0	36.43	6.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/8/2006	57.71	26.61	0	31.10	-5.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/29/2007	57.71	28.48	0	29.23	-1.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
7/2/2007	57.71	29.39	0	28.32	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/14/2008	57.71	28.85	0	28.86	0.54	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/2/2008	57.71	31.72	0	25.99	-2.87	--	85	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/13/2009	57.71	27.21	0	30.50	4.51	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/1/2009	57.71	31.63	0	26.08	-4.42	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
1/26/2010	57.71	28.35	0	29.36	3.28	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/30/2010	57.71	30.52	0	27.19	-2.17	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/17/2011	57.71	25.26	0	32.45	5.26	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
MW-9															
12/19/1994	56.47	29.71	0	26.76	--	ND	--	ND	1.6	1.5	8.4	--	--	--	
3/27/1995	56.47	21.48	0	34.99	8.23	ND	--	ND	0.61	ND	2.8	--	--	--	
6/26/1995	56.47	24.50	0	31.97	-3.02	ND	--	ND	ND	ND	3.9	--	--	--	
7/28/1995	56.47	25.77	0	30.70	-1.27	--	--	--	--	--	--	--	--	--	
9/28/1995	56.47	28.23	0	28.24	-2.46	ND	--	ND	ND	ND	ND	--	--	--	
10/24/1995	56.47	29.21	0	27.26	-0.98	--	--	--	--	--	--	--	--	--	

Table 2
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
12/29/1995	56.47	29.02	0	27.45	0.19	ND	--	ND	0.58	ND	0.52	ND	--	--	
3/27/1996	56.47	20.91	0	35.56	8.11	ND	--	ND	0.68	ND	0.51	ND	--	--	
9/21/1996	56.47	28.05	0	28.42	-7.14	ND	--	ND	ND	ND	ND	ND	--	--	
3/31/1997	56.47	23.48	0	32.99	4.57	ND	--	ND	ND	ND	ND	ND	--	--	
9/27/1997	56.47	30.38	0	26.09	-6.90	ND	--	ND	ND	ND	ND	ND	--	--	
3/20/1998	56.47	15.60	0	40.87	14.78	ND	--	ND	ND	ND	ND	ND	--	--	
9/9/1998	56.47	24.85	0	31.62	-9.25	ND	--	0.69	ND	ND	0.61	ND	--	--	
3/11/1999	56.47	22.23	0	34.24	2.62	ND	--	ND	ND	ND	0.76	ND	--	--	
9/8/1999	56.47	27.34	0	29.13	-5.11	ND	--	ND	ND	ND	ND	ND	--	--	
3/24/2000	56.47	20.27	0	36.20	7.07	ND	--	ND	ND	ND	ND	ND	--	--	
9/15/2000	56.47	26.84	0	29.63	-6.57	ND	--	ND	ND	ND	ND	ND	--	--	
3/16/2001	56.47	24.24	0	32.23	2.60	ND	--	ND	ND	ND	ND	ND	--	--	
8/31/2001	56.47	27.43	0	29.04	-3.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	
3/15/2002	56.47	24.79	0	31.68	2.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	
9/26/2002	56.47	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
3/16/2003	56.47	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
9/3/2003	56.47	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
3/11/2004	56.47	--	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
9/24/2004	56.47	--	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
3/29/2005	56.47	21.92	0	34.55	--	--	91	ND<0.50	ND<0.50	1.3	ND<1.0	--	ND<0.50	--	
9/12/2005	56.47	26.73	0	29.74	-4.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/27/2006	56.47	20.75	0	35.72	5.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/8/2006	56.47	25.33	0	31.14	-4.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/29/2007	56.47	27.27	0	29.20	-1.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
7/2/2007	56.47	28.13	0	28.34	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/14/2008	56.47	--	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
9/2/2008	56.47	30.47	0	26.00	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/13/2009	56.47	26.05	0	30.42	4.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/1/2009	56.47	30.35	0	26.12	-4.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
1/26/2010	56.47	27.29	0	29.18	3.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/30/2010	56.47	29.23	0	27.24	-1.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/17/2011	56.47	24.06	0	32.41	5.17	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
MW-10															
7/28/1995	58.94	25.53	0	33.41	--	ND	--	ND	ND	ND	ND	--	--	--	
9/28/1995	58.94	--	--	--	--	--	--	--	--	--	--	--	--	--	
10/24/1995	58.94	31.76	0	27.18	--	ND	--	ND	ND	ND	ND	--	--	--	
12/29/1995	58.94	31.55	0	27.39	0.21	ND	--	ND	0.65	ND	1.1	--	--	--	
3/27/1996	58.94	23.62	0	35.32	7.93	ND	--	ND	0.68	ND	0.69	ND	--	--	
9/21/1996	58.94	30.77	0	28.17	-7.15	ND	--	ND	ND	ND	ND	ND	--	--	
3/31/1997	58.94	26.05	0	32.89	4.72	ND	--	ND	ND	ND	ND	ND	--	--	
9/27/1997	58.94	32.80	0	26.14	-6.75	ND	--	ND	ND	ND	ND	ND	--	--	
3/20/1998	58.94	18.13	0	40.81	14.67	ND	--	ND	ND	ND	ND	ND	--	--	
9/9/1998	58.94	27.54	0	31.40	-9.41	ND	--	ND	0.55	ND	ND	ND	--	--	
3/11/1999	58.94	24.85	0	34.09	2.69	ND	--	ND	0.61	ND	0.87	ND	--	--	
9/8/1999	58.94	29.97	0	28.97	-5.12	ND	--	ND	ND	ND	ND	ND	--	--	
3/24/2000	58.94	22.90	0	36.04	7.07	ND	--	ND	ND	ND	ND	ND	--	--	
9/15/2000	58.94	29.48	0	29.46	-6.58	ND	--	ND	ND	ND	ND	ND	--	--	
3/16/2001	58.94	26.80	0	32.14	2.68	ND	--	ND	ND	ND	ND	ND	--	--	
8/31/2001	58.94	30.05	0	28.89	-3.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	
3/15/2002	58.94	26.61	0	32.33	3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	--	
9/26/2002	58.94	30.68	0	28.26	-4.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
3/16/2003	58.94	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
9/3/2003	58.94	38.87	0	20.07	--	--	ND<50	ND<0.50	1.8	ND<0.50	ND<1.0	--	ND<2	--	
3/11/2004	58.94	26.80	0	32.14	12.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	--	
9/24/2004	58.94	32.42	0	26.52	-5.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/29/2005	58.94	24.11	0	34.83	8.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/12/2005	58.94	29.43	0	29.51	-5.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/27/2006	58.94	22.72	0	36.22	6.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/8/2006	58.94	28.02	0	30.92	-5.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/29/2007	58.94	29.85	0	29.09	-1.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
7/2/2007	58.94	30.76	0	28.18	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	--	
1/14/2008	58.94	30.11	0	28.83	0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/2/2008	58.94	33.07	0	25.87	-2.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/13/2009	58.94	28.52	0	30.42	4.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/1/2009	58.94	33.01	0	25.93	-4.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	

Table 2
HISTORICT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 17, 2011
76 Station 5367

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-Water Elevation (feet)	Change in Elevation (feet)	TPH-G 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)		Comments
1/26/2010	58.94	29.53	0	29.41	3.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
9/30/2010	58.94	31.90	0	27.04	-2.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	
3/17/2011	58.94	26.65	0	32.29	5.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 5367

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TDS (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
MW-1												
3/27/1995	--	--	--	--	--	--	--	--	--	1.50	--	
6/26/1995	--	--	--	--	--	--	--	--	--	1.60	--	
9/28/1995	--	--	--	--	--	--	--	--	--	1.22	--	
12/29/1995	--	--	--	--	--	--	--	--	--	1.74	--	
3/27/1996	--	--	--	--	--	--	--	--	--	1.02	1.48	
9/21/1996	--	--	--	--	--	--	--	--	--	1.01	--	
3/31/1997	--	--	--	--	--	--	--	--	--	1.49	1.47	
3/16/2003	ND<50000	ND<250000	ND<1000	--	ND<1000	ND<1000	ND<1000	ND<1000	--	--	--	
9/30/2010	--	--	ND<5.0	ND<0.010	ND<5.0	--	--	--	--	--	--	
3/17/2011	--	--	ND<5.0	--	ND<5.0	--	--	--	--	--	--	
MW-2												
3/27/1995	--	--	--	--	--	--	--	--	410	1.70	--	
6/26/1995	--	--	--	--	--	--	--	--	--	4.55	--	
9/28/1995	--	--	--	--	--	--	--	--	--	3.00	--	
12/29/1995	--	--	--	--	--	--	--	--	--	8.71	--	
3/31/1997	--	--	--	--	--	--	--	--	--	2.12	2.18	
3/16/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	
9/30/2010	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
3/17/2011	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
MW-3												
3/27/1995	--	--	--	--	--	--	--	--	450	0.90	--	
6/26/1995	--	--	--	--	--	--	--	--	--	1.55	--	
9/28/1995	--	--	--	--	--	--	--	--	--	1.63	--	
12/29/1995	--	--	--	--	--	--	--	--	--	6.97	--	
3/31/1997	--	--	--	--	--	--	--	--	--	2.06	1.95	
9/15/2000	ND<100	ND<1000	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	
3/16/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	
9/30/2010	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
3/17/2011	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
MW-4												
3/27/1995	--	--	--	--	--	--	--	--	--	4.90	--	
9/28/1995	--	--	--	--	--	--	--	--	--	6.29	--	
3/27/1996	--	--	--	--	--	--	--	--	--	3.91	4.32	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 5367

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TDS (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
9/21/1996	--	--	--	--	--	--	--	--	--	2.82	--	
3/31/1997	--	--	--	--	--	--	--	--	--	2.63	2.66	
3/16/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	
9/30/2010	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
3/17/2011	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
MW-5												
3/27/1995	--	--	--	--	--	--	--	--	--	5.20	--	
9/28/1995	--	--	--	--	--	--	--	--	--	1.96	--	
3/27/1996	--	--	--	--	--	--	--	--	--	4.71	4.03	
9/21/1996	--	--	--	--	--	--	--	--	--	4.12	--	
3/31/1997	--	--	--	--	--	--	--	--	--	3.11	2.98	
3/16/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	
9/30/2010	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
3/17/2011	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
MW-6												
3/27/1995	--	--	--	--	--	--	--	--	--	7.40	--	
9/28/1995	--	--	--	--	--	--	--	--	--	4.19	--	
3/27/1996	--	--	--	--	--	--	--	--	--	4.96	5.94	
9/21/1996	--	--	--	--	--	--	--	--	--	3.74	--	
3/31/1997	--	--	--	--	--	--	--	--	--	3.11	3.21	
3/16/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	
9/30/2010	--	--	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--	--	
3/17/2011	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
MW-7												
3/27/1995	--	--	--	--	--	--	--	--	--	8.40	--	
9/28/1995	--	--	--	--	--	--	--	--	--	2.04	--	
3/27/1996	--	--	--	--	--	--	--	--	--	5.23	6.63	
9/21/1996	--	--	--	--	--	--	--	--	--	1.19	--	
3/31/1997	--	--	--	--	--	--	--	--	--	2.16	2.29	
3/16/2003	ND<100	ND<500	ND<2.0	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	
9/30/2010	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
3/17/2011	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
MW-8												
3/27/1995	--	--	--	--	--	--	--	--	490	2.20	--	

Table 2a
ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 5367

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene-dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TDS (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)	Comments
6/26/1995	--	--	--	--	--	--	--	--	--	3.86	--	
9/28/1995	--	--	--	--	--	--	--	--	--	1.85	--	
12/29/1995	--	--	--	--	--	--	--	--	--	2.03	--	
3/27/1996	--	--	--	--	--	--	--	--	--	9.76	11.73	
9/21/1996	--	--	--	--	--	--	--	--	--	2.16	--	
3/31/1997	--	--	--	--	--	--	--	--	--	2.91	2.81	
9/27/1997	--	--	--	--	--	--	--	--	--	--	3.11	
3/20/1998	--	--	--	--	--	--	--	--	--	2.65	--	
9/30/2010	--	--	ND<0.50	ND<0.010	ND<0.50	--	--	--	--	--	--	
3/17/2011	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
MW-9												
3/27/1995	--	--	--	--	--	--	--	--	--	7.8	--	
6/26/1995	--	--	--	--	--	--	--	--	--	4.61	--	
9/28/1995	--	--	--	--	--	--	--	--	--	5.76	--	
12/29/1995	--	--	--	--	--	--	--	--	--	5.32	--	
3/27/1996	--	--	--	--	--	--	--	--	--	5.23	5.62	
9/21/1996	--	--	--	--	--	--	--	--	--	4.13	--	
3/31/1997	--	--	--	--	--	--	--	--	--	3.27	3.36	
9/30/2010	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
3/17/2011	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
MW-10												
12/29/1995	--	--	--	--	--	--	--	--	--	5.11	--	
3/27/1996	--	--	--	--	--	--	--	--	--	4.57	4.38	
9/21/1996	--	--	--	--	--	--	--	--	--	5.38	--	
3/31/1997	--	--	--	--	--	--	--	--	--	4.83	4.48	
9/30/2010	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	
3/17/2011	--	--	ND<0.50	--	ND<0.50	--	--	--	--	--	--	

ARCADIS

Attachment C

Laboratory Report and Chain-of-Custody Documentation

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 03/11/2013

Kathy Brandt

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Project:	5367
BC Work Order:	1304365
Invoice ID:	B141518

Enclosed are the results of analyses for samples received by the laboratory on 3/4/2013. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

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13-04365

CHAIN OF CUSTODY FORM

Union Oil Company of California ▪ 6101 Bollinger Canyon Road ▪ San Ramon, CA 94583

CHK BY [signature] DISTRIBUTION — SUB-OUT ☐ — COC ___ of ___

Union Oil Site ID: 5367	Union Oil Consultant: ~~Roya~~ ~~Kambin~~ Arcadis
Site Global ID: T0600101479	Consultant Contact: Katherine Brant
Site Address: 500 Bancroft ave San Leandro CA	Consultant Phone No.: 510-596 9675
	Sampling Company: ~~TRC~~ Gettler Ryan
Union Oil PM: Roya Kambin	Sampled By (PRINT): Jim Herron
Union Oil PM Phone No.: 925-790-6270	Sampler Signature: [signature]
Charge Code: NWRTB- 0351563-0- LAB	BC Laboratories, Inc. Project Manager: Molly Meyers 4100 Atlas Court, Bakersfield, CA 93308 Phone No. 661-327-4911

This is a LEGAL document. ALL fields must be filled out CORRECTLY and COMPLETELY.

Turnaround Time (TAT): Standard ☒ 24 Hours ☐ 48 Hours ☐ 72 Hours ☐

Special Instructions

ANALYSES REQUIRED

	Field Point Name	Matrix	DTW	Date (yymmdd)	Sample Time	# of Containers	TPH - Diesel by EPA 8015	TPH - G by GC/MS	BTEX/MTBE/~~OXYS~~ by EPA 8260B	Ethanol by EPA 8260B	EPA 8260B Full List with OXYS	EDB/EDC (8260)						Notes / Comments
1	QA	W-S-A		130301		2		X	X									
2	MW-1	W-S-A		↓	0925	3		X	X	X		X						
3	MW-2	W-S-A			0840	↓		X	X	X		X						
4	MW-3	W-S-A			1025			X	X	X		X						
5	MW-4	W-S-A			1125			X	X	X		X						
6	MW-5	W-S-A			0735			X	X	X		X						
7	MW-6	W-S-A			1330			X	X	X		X						
8	MW-7	W-S-A			1435			X	X	X		X						
9	MW-8	W-S-A			1545			X	X	X		X						
10	MW-9	W-S-A		↓	1220	↓		X	X	X		X						
		W-S-A																
		W-S-A																

Relinquished By	Company	Date / Time	Relinquished By	Company	Date / Time	Relinquished By	Company	Date / Time
[signature]	GRInc	3/1/13 1800	[signature]	GRInc	03-04-13 1015	Gary Bogan	BC LAB	3-4-13 1830
Received By	**Company**	**Date / Time**	**Received By**	**Company**	**Date / Time**	**Received By**	**Company**	**Date / Time**
Gettler-Ryan Fridge		03-04-13 0700	Gary Bogan	BC LAB	3-4-13 1015	[signature]	BC LAB	3-4-13 18:30

REL. [signature] 3-4-13 21:40 [signature] BCL 3-4-13 2140

Chain of Custody and Cooler Receipt Form for 1304365 Page 1 of 2

BC Laboratories, Inc.

Environmental Testing Laboratory Since 1949

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

4100 Atlas Court Bakersfield, CA 93308 (661) 327-4911 FAX (661) 327-1918 www.bclabs.com

Chain of Custody and Cooler Receipt Form for 1304365 Page 2 of 2

BC LABORATORIES INC. COOLER RECEIPT FORM Rev. No. 13 08/17/12 Page 1 Of 1

Submission #: 13-04365

SHIPPING INFORMATION	SHIPPING CONTAINER
Federal Express ☐ UPS ☐ Hand Delivery ☐	Ice Chest ☒ None ☐
BC Lab Field Service ☒ Other ☐ (Specify)_____	Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☒ YES ☐ NO

Emissivity: 0.98 Container: VOA Thermometer ID: 207 Date/Time 3-4-13

Temperature: (A) 2.2 °C / (C) 2.3 °C Analyst Init JNW 2210

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK	A2									
40ml VOA VIAL	A3	A3	A3	A3	A3	A3	A3	A3	A3	A3
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										
SMART KIT										

Comments:_____

Sample Numbering Completed By: _____ Date/Time: 3/5/13 1032

A = Actual / C = Corrected

[S:\MyDOCS\WordPerfect\LAB_DOCS\FORMS\SAMRECR13]

Arcadis
1900 Powell Street 12th Floor
Emeryville, CA 94608

Reported: 03/11/2013 16:12
Project: 5367
Project Number: 351563
Project Manager: Kathy Brandt

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1304365-01	**COC Number:**	---	**Receive Date:** 03/04/2013 18:30
	Project Number:	5367	**Sampling Date:** 03/01/2013 00:00
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	QA-W-130301	**Lab Matrix:** Water
	Sampled By:	GRD	**Sample Type:** Trip Blank
			Delivery Work Order:
			Global ID: T0600101479
			Location ID (FieldPoint): QA
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1304365-02	**COC Number:**	---	**Receive Date:** 03/04/2013 18:30
	Project Number:	5367	**Sampling Date:** 03/01/2013 09:25
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-1-W-130301	**Lab Matrix:** Water
	Sampled By:	GRD	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101479
			Location ID (FieldPoint): MW-1
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1304365-03	**COC Number:**	---	**Receive Date:** 03/04/2013 18:30
	Project Number:	5367	**Sampling Date:** 03/01/2013 08:40
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-2-W-130301	**Lab Matrix:** Water
	Sampled By:	GRD	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101479
			Location ID (FieldPoint): MW-2
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

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Reported: 03/11/2013 16:12
Project: 5367
Project Number: 351563
Project Manager: Kathy Brandt

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
1304365-04	**COC Number:**	---	**Receive Date:** 03/04/2013 18:30
	Project Number:	5367	**Sampling Date:** 03/01/2013 10:25
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-3-W-130301	**Lab Matrix:** Water
	Sampled By:	GRD	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101479
			Location ID (FieldPoint): MW-3
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1304365-05	**COC Number:**	---	**Receive Date:** 03/04/2013 18:30
	Project Number:	5367	**Sampling Date:** 03/01/2013 11:25
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-4-W-130301	**Lab Matrix:** Water
	Sampled By:	GRD	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101479
			Location ID (FieldPoint): MW-4
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:
1304365-06	**COC Number:**	---	**Receive Date:** 03/04/2013 18:30
	Project Number:	5367	**Sampling Date:** 03/01/2013 07:35
	Sampling Location:	---	**Sample Depth:** ---
	Sampling Point:	MW-5-W-130301	**Lab Matrix:** Water
	Sampled By:	GRD	**Sample Type:** Water
			Delivery Work Order:
			Global ID: T0600101479
			Location ID (FieldPoint): MW-5
			Matrix: W
			Sample QC Type (SACode): CS
			Cooler ID:

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Project: 5367
Project Number: 351563
Project Manager: Kathy Brandt

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
1304365-07	**COC Number:**	---	**Receive Date:**	03/04/2013 18:30
	Project Number:	5367	**Sampling Date:**	03/01/2013 13:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-6-W-130301	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
			Delivery Work Order:	
			Global ID: T0600101479	
			Location ID (FieldPoint): MW-6	
			Matrix: W	
			Sample QC Type (SACode): CS	
			Cooler ID:	
1304365-08	**COC Number:**	---	**Receive Date:**	03/04/2013 18:30
	Project Number:	5367	**Sampling Date:**	03/01/2013 14:35
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-7-W-130301	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
			Delivery Work Order:	
			Global ID: T0600101479	
			Location ID (FieldPoint): MW-7	
			Matrix: W	
			Sample QC Type (SACode): CS	
			Cooler ID:	
1304365-09	**COC Number:**	---	**Receive Date:**	03/04/2013 18:30
	Project Number:	5367	**Sampling Date:**	03/01/2013 15:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MW-8-W-130301	**Lab Matrix:**	Water
	Sampled By:	GRD	**Sample Type:**	Water
			Delivery Work Order:	
			Global ID: T0600101479	
			Location ID (FieldPoint): MW-8	
			Matrix: W	
			Sample QC Type (SACode): CS	
			Cooler ID:	

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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information

1304365-10

COC Number: ---
Project Number: 5367
Sampling Location: ---
Sampling Point: MW-9-W-130301
Sampled By: GRD

Receive Date: 03/04/2013 18:30
Sampling Date: 03/01/2013 12:20
Sample Depth: ---
Lab Matrix: Water
Sample Type: Water
Delivery Work Order:
Global ID: T0600101479
Location ID (FieldPoint): MW-9
Matrix: W
Sample QC Type (SACode): CS
Cooler ID:

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1304365-01 | **Client Sample Name:** 5367, QA-W-130301, 3/1/2013 12:00:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	108	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	98.1	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	94.0	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/07/13	03/07/13 15:09	EAR	MS-V12	1	BWC0264

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Project Number: 351563
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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1304365-02 | **Client Sample Name:** 5367, MW-1-W-130301, 3/1/2013 9:25:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	5.0	EPA-8260B	ND	A01	1
1,2-Dibromoethane	ND	ug/L	5.0	EPA-8260B	ND	A01	1
1,2-Dichloroethane	ND	ug/L	5.0	EPA-8260B	ND	A01	1
Ethylbenzene	**78**	**ug/L**	**5.0**	**EPA-8260B**	ND	**A01**	1
Methyl t-butyl ether	ND	ug/L	5.0	EPA-8260B	ND	A01	1
Toluene	ND	ug/L	5.0	EPA-8260B	ND	A01	1
Total Xylenes	**38**	**ug/L**	**10**	**EPA-8260B**	ND	**A01**	1
Ethanol	ND	ug/L	2500	EPA-8260B	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	**19000**	**ug/L**	**500**	**Luft-GC/MS**	ND	**A01**	1
1,2-Dichloroethane-d4 (Surrogate)	107	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	95.0	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	106	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/07/13	03/08/13 03:32	EAR	MS-V12	10	BWC0290

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Project Number: 351563
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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1304365-03 | **Client Sample Name:** 5367, MW-2-W-130301, 3/1/2013 8:40:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	**1.0**	**ug/L**	**1.0**	**EPA-8260B**	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**530**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	107	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	99.6	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/07/13	03/08/13 03:49	EAR	MS-V12	1	BWC0290

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Project: 5367
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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1304365-04 | **Client Sample Name:** 5367, MW-3-W-130301, 3/1/2013 10:25:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**400**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	98.6	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	101	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/07/13	03/08/13 04:07	EAR	MS-V12	1	BWC0290

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1304365-05 | **Client Sample Name:** 5367, MW-4-W-130301, 3/1/2013 11:25:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**190**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	107	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	99.2	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	102	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/07/13	03/08/13 04:24	EAR	MS-V12	1	BWC0290

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Project: 5367
Project Number: 351563
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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1304365-06 | **Client Sample Name:** 5367, MW-5-W-130301, 3/1/2013 7:35:00AM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**140**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	95.6	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.0	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/07/13	03/08/13 04:42	EAR	MS-V12	1	BWC0290

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Project Number: 351563
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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1304365-07 | **Client Sample Name:** 5367, MW-6-W-130301, 3/1/2013 1:30:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**210**	**ug/L**	**50**	**Luft-GC/MS**	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.7	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/07/13	03/08/13 04:59	EAR	MS-V12	1	BWC0290

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1304365-08 | **Client Sample Name:** 5367, MW-7-W-130301, 3/1/2013 2:35:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	100	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	96.9	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/07/13	03/08/13 05:17	EAR	MS-V12	1	BWC0290

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1304365-09 | **Client Sample Name:** 5367, MW-8-W-130301, 3/1/2013 3:45:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	109	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	101	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	95.1	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/07/13	03/08/13 05:34	EAR	MS-V12	1	BWC0290

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Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1304365-10 | **Client Sample Name:** 5367, MW-9-W-130301, 3/1/2013 12:20:00PM

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260B	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260B	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260B	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260B	ND		1
Toluene	ND	ug/L	0.50	EPA-8260B	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260B	ND		1
Ethanol	ND	ug/L	250	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	75 - 125 (LCL - UCL)	EPA-8260B			1
Toluene-d8 (Surrogate)	99.5	%	80 - 120 (LCL - UCL)	EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	98.1	%	80 - 120 (LCL - UCL)	EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260B	03/07/13	03/08/13 05:52	EAR	MS-V12	1	BWC0290

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Project: 5367
Project Number: 351563
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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BWC0264						
Benzene	BWC0264-BLK1	ND	ug/L	0.50		
Ethylbenzene	BWC0264-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BWC0264-BLK1	ND	ug/L	0.50		
Toluene	BWC0264-BLK1	ND	ug/L	0.50		
Total Xylenes	BWC0264-BLK1	ND	ug/L	1.0		
Total Purgeable Petroleum Hydrocarbons	BWC0264-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BWC0264-BLK1	87.8	%	75 - 125 (LCL - UCL)		
Toluene-d8 (Surrogate)	BWC0264-BLK1	95.8	%	80 - 120 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BWC0264-BLK1	118	%	80 - 120 (LCL - UCL)		
QC Batch ID: BWC0290						
Benzene	BWC0290-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BWC0290-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BWC0290-BLK1	ND	ug/L	0.50		
Ethylbenzene	BWC0290-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BWC0290-BLK1	ND	ug/L	0.50		
Toluene	BWC0290-BLK1	ND	ug/L	0.50		
Total Xylenes	BWC0290-BLK1	ND	ug/L	1.0		
Ethanol	BWC0290-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BWC0290-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BWC0290-BLK1	87.2	%	75 - 125 (LCL - UCL)		
Toluene-d8 (Surrogate)	BWC0290-BLK1	97.5	%	80 - 120 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BWC0290-BLK1	106	%	80 - 120 (LCL - UCL)		

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Project Number: 351563
Project Manager: Kathy Brandt

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: BWC0264										
Benzene	BWC0264-BS1	LCS	24.780	25.000	ug/L	99.1		70 - 130		
Toluene	BWC0264-BS1	LCS	20.820	25.000	ug/L	83.3		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BWC0264-BS1	LCS	8.4100	10.000	ug/L	84.1		75 - 125		
Toluene-d8 (Surrogate)	BWC0264-BS1	LCS	9.7500	10.000	ug/L	97.5		80 - 120		
4-Bromofluorobenzene (Surrogate)	BWC0264-BS1	LCS	10.890	10.000	ug/L	109		80 - 120		
QC Batch ID: BWC0290										
Benzene	BWC0290-BS1	LCS	26.190	25.000	ug/L	105		70 - 130		
Toluene	BWC0290-BS1	LCS	22.450	25.000	ug/L	89.8		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BWC0290-BS1	LCS	8.4100	10.000	ug/L	84.1		75 - 125		
Toluene-d8 (Surrogate)	BWC0290-BS1	LCS	9.7000	10.000	ug/L	97.0		80 - 120		
4-Bromofluorobenzene (Surrogate)	BWC0290-BS1	LCS	10.880	10.000	ug/L	109		80 - 120		

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Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: BWC0264	Used client sample: N										
Benzene	MS	1302378-76	ND	27.210	25.000	ug/L		109		70 - 130	
	MSD	1302378-76	ND	26.640	25.000	ug/L	2.1	107	20	70 - 130	
Toluene	MS	1302378-76	ND	22.140	25.000	ug/L		88.6		70 - 130	
	MSD	1302378-76	ND	22.160	25.000	ug/L	0.1	88.6	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1302378-76	ND	8.6100	10.000	ug/L		86.1		75 - 125	
	MSD	1302378-76	ND	8.4900	10.000	ug/L	1.4	84.9		75 - 125	
Toluene-d8 (Surrogate)	MS	1302378-76	ND	9.3500	10.000	ug/L		93.5		80 - 120	
	MSD	1302378-76	ND	9.5900	10.000	ug/L	2.5	95.9		80 - 120	
4-Bromofluorobenzene (Surrogate)	MS	1302378-76	ND	11.190	10.000	ug/L		112		80 - 120	
	MSD	1302378-76	ND	10.960	10.000	ug/L	2.1	110		80 - 120	
QC Batch ID: BWC0290	Used client sample: N										
Benzene	MS	1302378-77	ND	26.700	25.000	ug/L		107		70 - 130	
	MSD	1302378-77	ND	27.660	25.000	ug/L	3.5	111	20	70 - 130	
Toluene	MS	1302378-77	ND	23.140	25.000	ug/L		92.6		70 - 130	
	MSD	1302378-77	ND	23.090	25.000	ug/L	0.2	92.4	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	1302378-77	ND	8.4800	10.000	ug/L		84.8		75 - 125	
	MSD	1302378-77	ND	8.6000	10.000	ug/L	1.4	86.0		75 - 125	
Toluene-d8 (Surrogate)	MS	1302378-77	ND	9.9000	10.000	ug/L		99.0		80 - 120	
	MSD	1302378-77	ND	9.8000	10.000	ug/L	1.0	98.0		80 - 120	
4-Bromofluorobenzene (Surrogate)	MS	1302378-77	ND	10.660	10.000	ug/L		107		80 - 120	
	MSD	1302378-77	ND	11.070	10.000	ug/L	3.8	111		80 - 120	

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Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.