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9:45 am, Oct 23, 2009

Alameda County
Environmental Health

October 20, 2009

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

Re: **Report Transmittal**
Semi-Annual Summary Report – Second Quarter 2009 Through Third Quarter 2009
76 Service Station #5367
500 Bancroft Avenue
San Leandro, California
Loc Case #: RO0000499

Dear Ms. Jakub:

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 call:

Ted Moise (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818

Phone: (510) 245-5162
Fax: (918) 662-4480

Sincerely,

A handwritten signature in black ink, appearing to read 'Eric G. Hetrick'.

Eric G. Hetrick
Site Manager
Risk Management & Remediation

Attachment

October 21, 2009

Ms. Barbara Jakub
Hazardous Materials Specialist
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

**Re: Semi-Annual Summary Report – Second Quarter
through Third Quarter 2009
Fuel Leak Case No. R00000499**



Dear Ms. Jakub:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting the Semi-Annual Summary Report – Fourth Quarter 2008 through the First Quarter 2009 and forwarding a copy of TRC Solutions, Inc. (TRC's) *Semi-Annual Monitoring Report, April through September 2009*, dated September 22, 2009, for the following location:

Service Station

76 Service Station No. 5367

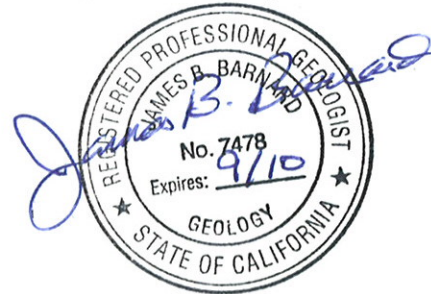
Location

500 Bancroft Avenue
San Leandro, California

Sincerely,
DELTA CONSULTANTS

A handwritten signature in blue ink that reads "James B. Barnard".

James B. Barnard, P.G.
Senior Project Manager
California Registered Professional Geologist No. 7478



cc: Mr. Ted Moise-ConocoPhillips (electronic upload only)

SEMI-ANNUAL SUMMARY REPORT
Second Quarter through Third Quarter 2009
76 Service Station No. 5367
500 Bancroft Avenue
San Leandro, California

SITE BACKGROUND AND PREVIOUS ENVIRONMENTAL WORK

The site is located on the northeast corner of the intersection of Bancroft Avenue and Dowling Boulevard and is an active 76 service station. Three 12,000-gallon underground storage tanks (USTs) and two dispenser islands are present at the site.

In 1987, the USTs and associated piping were replaced. During the work, approximately 250 cubic yards of impacted soil was excavated and removed from the site. A limited environmental investigation was performed by Applied Geosystems in 1987 and consisted of advancing one boring and the installation of groundwater monitoring well MW-1 at the site. Free product (approximately ¼ inch) was present on the groundwater beneath the site. Approximately 120 pounds of free product was removed by hand bailing.

In September and October 1988, three additional monitoring wells (MW-2 through MW-4) were installed at the site by Applied Geosystems. Based on the data from the investigation, the extent of impacted soil appeared limited to an area west and south of the tank pit between 30 and 36 feet below ground surface (bgs).

In February 1990, an additional on-site monitoring well (MW-5) and three off-site monitoring wells (MW-6 through MW-8) were installed by Applied Geosystems. The data from this and the previous investigations indicated that impacted groundwater was present both beneath the site and off-site to the southwest. The extent of impacted soil and groundwater appeared to be delineated to the east of the USTs and to the west of the site.

Between mid-1994 and mid-1995, two additional monitoring wells (MW-9 and MW-10) were installed to the west and south of the site, respectively.

Between March 1996 and March 1997, soil vapor extraction (SVE) and groundwater extraction (GWE) remediation systems operated at the site. During this time, approximately 637,151 gallons of impacted groundwater were removed by the GWE system. An estimated 180 pounds and 108 pounds of total petroleum hydrocarbons as gasoline (TPHg) were removed by the SVE and GWE systems, respectively.

In November 1998, the product piping was replaced and approximately 30 cubic yards of soil was removed from the site. Spill containment sumps and electronic leak detection were also installed.

On April 23, 2007, an irrigation well was purged and sampled by Delta. The well was sampled at the request of a nearby resident, located at 589 Broadmoor Boulevard in San Leandro. Groundwater samples were collected and analyzed from the well for Total Purgeable Petroleum Hydrocarbons (TPPH); benzene, toluene, ethyl-benzene, and total xylenes (BTEX); methyl tertiary butyl ether (MTBE), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), TBA, 1,2-dichloroethane (1,2-DCA), ethylene di-bromide (EDB), and ethanol - (8 oxygenates) by Environmental

Protection Agency (EPA) Method 8260. All constituents tested were below the laboratory's indicated reporting limits.

SENSITIVE RECEPTORS

A well search performed in 1990 by Applied Geosystems identified at least 15 wells within ½ mile of the site. Five of the wells were down-gradient (southwest) and within approximately 600 feet of the site. One of these wells was used for irrigation, one was abandoned, and no records pertaining to the remaining three wells were available. No municipal wells were identified within ½ mile of the site. The nearest water-supply wells were located approximately 400 feet southwest of the site.

A sensitive receptor survey was performed by Delta in August 2006. The survey consisted of a review of Department of Water Resources (DWR) files to evaluate the presence of wells within 1 mile of the site. A list of property owners within 1,000 feet of the site was also generated to evaluate if any of the properties have potential receptors of the hydrocarbon impact from the project site.

A Public Health Assessment Questionnaire presenting specific queries regarding the presence of sensitive receptors was mailed to each of the identified property owners. A total of 341 questionnaires were mailed in April 2006, and 114 responses were received. Based on the data from the responding parties, sixteen wells were identified within 1,000 feet of the site. Seven of the properties had sumps used for irrigation, and basements were present on twenty seven of the properties.

Delta also reviewed the DWR files to prepare a list of parcel numbers, property owner's names, and property addresses of potential receptors within a 1-mile radius of the site. Questionnaires were mailed to 43 addresses in June 2006, but only two responses were received. The two respondents had a well on their property; however, no sumps or basements were present.

Based on the U.S. Geological Survey (USGS) topographic map for the site area (San Leandro quadrangle, 1967), the nearest surface water body is San Leandro Creek located approximately 1,900 feet southeast of the site.

Delta also searched for schools, daycare centers, and hospitals within the 1,000-foot radius of the site; none were identified.

MONITORING AND SAMPLING

Currently, 10 monitoring wells, five on-site and five off-site, are part of the monitoring and sampling program. Between 1991 and 1996, the monitoring wells were monitored and sampled primarily on a quarterly basis. Since first quarter 1996, the monitoring wells have been monitored and sampled on a semi-annual basis. Groundwater samples are collected and analyzed from the monitoring wells for TPPH, BTEX, and MTBE by EPA Method 8260B.

SECOND QUARTER THROUGH THIRD QUARTER 2009 MONITORING AND SAMPLING RESULTS

Groundwater monitoring and sampling was performed on September 1, 2009 by TRC. The groundwater elevation increased an average of 4.36 feet from the March 13, 2009 event. Depth to groundwater in site monitoring wells ranged from 30.35 feet (MW-9) to 33.01 feet (MW-10) below top of casing (TOC) during the current event. The groundwater flow direction was interpreted to be to the west with a gradient of 0.009 foot per foot (ft/ft). This is somewhat consistent with a gradient of .005 west from the previous sampling event (3/13/09). This is also consistent with historic groundwater flow. A rose diagram of historic groundwater flow is presented as Appendix A.

Contaminants of Concern

TPPH was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells MW-1 (12,000 µg/L), MW-3 (280 µg/L), and MW-8 (140 µg/L) during the current event.

Benzene was above the laboratory's indicated reporting limit in the groundwater sample collected and submitted for analysis from monitoring well MW-1 (17 µg/L) during the current event.

MTBE was above laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring well MW-1 (21 µg/L) during the current event.

ETHYLBENZENE was above laboratory indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells MW-1 (590 µg/L) and MW-3 (0.98 µg/L) during the current event.

TOTAL XYLENES was above laboratory indicated reporting limits in the groundwater sample collected and submitted for analysis from monitoring well MW-1 (16 µg/L) during the current event.

Toluene was below laboratory indicated reporting limits in groundwater samples collected and submitted for analysis from all wells during the current event.

REMEDIATION STATUS

In 1987, during UST and piping replacement work, approximately 250 cubic yards of impacted soil was excavated and removed from the site; approximately 120 pounds of free product was removed by hand bailing from monitoring well MW-1.

Between March 1996 and March 1997 SVE and GWE systems operated at the site. During this time, the GWE system extracted approximately 637,151 gallons of impacted groundwater. The SVE and GWE systems removed approximately 180 pounds and 108 pounds of TPHg, respectively.

In November 1998, approximately 30 cubic yards of soil was over-excavated and removed from the site during product piping replacement.

CHARACTERIZATION STATUS

The extent of impacted soil beneath the site has been adequately evaluated. Residual impacted soil appears limited to the west and south of the tank pit, between 30 and 36 feet bgs.

The extent of impacted groundwater has also been adequately evaluated. Impacted groundwater is located onsite in wells MW-3 and MW-1, and in offsite well MW-8. The dissolved hydrocarbon plume beneath the site appears stable and concentrations have significantly decreased since the early 1990s.

CONCLUSIONS AND RECOMMENDATIONS

Based on the analytical data, impacted groundwater remains beneath the site in the area of the USTs and dispenser islands (monitoring well MW-1) and likely some distance beneath Bancroft Avenue (Its in wells across the street). The concentrations reported during the current event were similar to or less than those reported during the previous event.

Based on the groundwater monitoring analytical data, the plume appears stable and an overall decreasing trend in TPPH and benzene concentrations continues. The decline in concentrations is likely due to natural biodegradation.

On December 19, 2008 Delta submitted a *Historical Review Report* to the Alameda County Health Care Services Agency (ACHCSA) for their review, recommending additional investigation to assess the horizontal and vertical extent of the petroleum hydrocarbon impact to the soil and the groundwater down-gradient (west) of the fuel dispensers and the USTs.

RECENT CORRESPONDENCE

No correspondence was received during the second quarter or third quarter of 2009.

SECOND QUARTER AND THIRD QUARTER 2009 ACTIVITIES

1. TRC performed semi-annual monitoring and sampling for second and third quarters 2009 on September 1, 2009.
2. TRC prepared and submitted *Semi-Annual Monitoring Report – April through September 2009*, dated September 21, 2009.

FOURTH QUARTER 2009 AND FIRST QUARTER 2010 ACTIVITIES

1. TRC to perform semi-annual monitoring and sampling for fourth quarter 2009 and first quarter 2010.

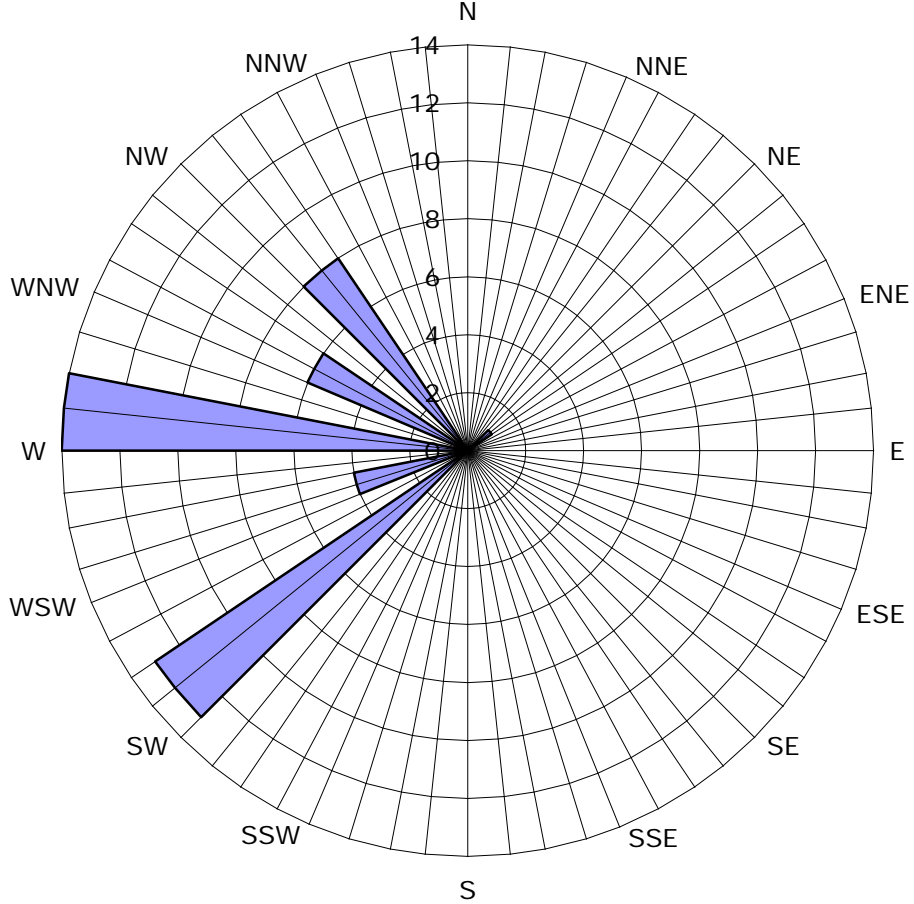
CONSULTANT: Delta Consultants

Attachment A – Historic Groundwater Flow Direction

Attachment A

Historic Groundwater Flow Directions

Historic Groundwater Flow Directions
ConocoPhillips Site No. 5367
500 Bancroft Avenue
San Leandro, California



■ Groundwater Flow Direction

Legend
Concentric circles represent
Quarterly monitoring events
Third Quarter 1990 through
Third Quarter 2009
45 data points shown



21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCSolutions.com

DATE: September 22, 2009

TO: ConocoPhillips Company
76 Broadway Avenue
Sacramento, CA 95818

ATTN: MR. TED MOISE

SITE: 76 STATION 5367
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2009

Dear Mr. Moise:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 5367, located at 500 Bancroft Avenue, San Leandro, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC

A handwritten signature in black ink, appearing to read "Anju Farfan".

Anju Farfan
Groundwater Program Operations Manager

CC: Mr. James Barnard, Delta Environmental Inc. (1 copy)

Enclosures
20-0400/5367R14.QMS

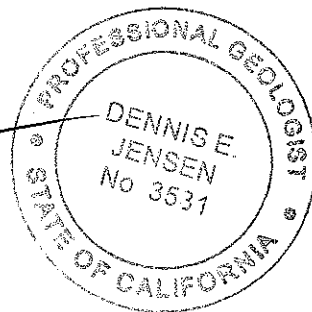
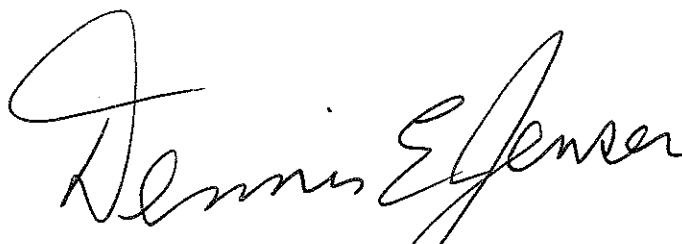
**SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2009**

76 STATION 5367
500 Bancroft Avenue
San Leandro, California

Prepared For:

Mr. Ted Moise
CONOCOPHILLIPS COMPANY
76 Broadway Avenue
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations

Date: 9/18/09



LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 09/01/09 Groundwater Sampling Field Notes – 09/01/09
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Disposal Documents	Disposal/Treatment Manifests – Current (Pending)
Statements	Limitations

**Summary of Gauging and Sampling Activities
April 2009 through September 2009
76 Station 5367
500 Bancroft Avenue
San Leandro, CA**

Project Coordinator: **Ted Moise**
Telephone: **510-245-5162**
Date(s) of Gauging/Sampling Event: **09/01/09**

Water Sampling Contractor: **TRC**
Compiled by: **Christina Carrillo**

Sample Points

Groundwater wells: **5** onsite, **5** offsite Points gauged: **10** Points sampled: **10**
Purging method: **Bailer/submersible pump**
Purge water disposal: **Crosby and Overton treatment facility**
Other Sample Points: **0** Type: --

Liquid Phase Hydrocarbons (LPH)

Sample Points with LPH: **0** Maximum thickness (feet): --
LPH removal frequency: -- Method: --
Treatment or disposal of water/LPH: --

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **30.35 feet** Maximum: **33.01 feet**
Average groundwater elevation (relative to available local datum): **26.19 feet**
Average change in groundwater elevation since previous event: **-4.36 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.009 ft/ft, west**
 Previous event: **0.005 ft/ft, west (03/13/09)**

Selected Laboratory Results

Sample Points with detected **Benzene**: **1** Sample Points above MCL (1.0 µg/l): **1**
 Maximum reported benzene concentration: **17 µg/l (MW-1)**

Sample Points with **TPH-G by GC/MS** **3** Maximum: **12,000 µg/l (MW-1)**
Sample Points with **MTBE 8260B** **1** Maximum: **21 µg/l (MW-1)**

Notes:

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
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

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
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
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

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.

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.

Contents of Tables 1 and 2

Site: 76 Station 5367

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
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Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-G 8015	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)
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Table 2a	Well/ Date	TBA	Ethanol (8260B)	Ethylene- dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TDS	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
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Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1, 2009
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	
			(Screen Interval in feet: 10.0-35.0)												
MW-1	09/01/09	57.83	31.77	0.00	26.06	-4.34	--	12000	17	ND<5.0	590	16	--	21	
			(Screen Interval in feet: 28.0-48.0)												
MW-2	09/01/09	58.13	31.61	0.00	26.52	-4.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
			(Screen Interval in feet: 23.0-48.0)												
MW-3	09/01/09	57.92	31.26	0.00	26.66	-4.34	--	280	ND<0.50	ND<0.50	0.98	ND<1.0	--	ND<0.50	
			(Screen Interval in feet: 23.0-48.0)												
MW-4	09/01/09	58.29	31.92	0.00	26.37	-4.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
			(Screen Interval in feet: 25.0-45.0)												
MW-5	09/01/09	58.50	32.24	0.00	26.26	-4.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
			(Screen Interval in feet: 25.0-45.0)												
MW-6	09/01/09	56.96	31.01	0.00	25.95	-4.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
			(Screen Interval in feet: 24.0-44.0)												
MW-7	09/01/09	57.25	31.33	0.00	25.92	-4.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
			(Screen Interval in feet: 24.0-44.0)												
MW-8	09/01/09	57.71	31.63	0.00	26.08	-4.42	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
			(Screen Interval in feet: 20.0-45.0)												
MW-9	09/01/09	56.47	30.35	0.00	26.12	-4.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
			(Screen Interval in feet: 20.0-45.0)												
MW-10	09/01/09	58.94	33.01	0.00	25.93	-4.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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 (Screen Interval in feet: 10.0-35.0)														
09/23/87	57.83	33.40	0.00	24.43	--	--	--	--	--	--	--	--	--	
09/24/87	57.83	33.24	0.01	24.60	0.17	--	--	--	--	--	--	--	--	
10/06/87	57.83	33.39	0.01	24.45	-0.15	--	--	--	--	--	--	--	--	
11/05/87	57.83	34.14	0.31	23.92	-0.52	--	--	--	--	--	--	--	--	
11/13/87	57.83	34.15	0.38	23.97	0.04	--	--	--	--	--	--	--	--	
11/19/87	57.83	33.89	0.06	23.99	0.02	--	--	--	--	--	--	--	--	
04/27/88	57.83	32.40	0.01	25.44	1.45	--	--	--	--	--	--	--	--	
09/07/88	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
10/03/88	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
01/27/89	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
02/16/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
07/19/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
08/24/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/30/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
02/06/91	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
05/06/91	57.83	33.00	0.00	24.83	--	--	--	--	--	--	--	--	--	
09/27/91	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/31/92	57.83	31.00	0.00	26.83	--	330000	--	8200	33000	6800	36000	--	--	
06/18/92	57.83	32.76	0.00	25.07	-1.76	680000	--	9000	40000	7600	44000	--	--	
10/16/92	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/18/92	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/03/93	57.83	26.03	0.00	31.80	--	330000	--	3800	21000	4200	24000	--	--	



Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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 continued														
06/25/93	57.83	28.36	0.00	29.47	-2.33	160000	--	4300	36000	5800	34000	--	--	
09/03/93	57.83	30.80	0.00	27.03	-2.44	160000	--	3900	41000	6800	38000	--	--	
12/13/93	57.83	32.73	0.00	25.10	-1.93	140000	--	3600	37000	7100	40000	--	--	
03/18/94	57.83	30.10	0.00	27.73	2.63	99000	--	3800	37000	6800	36000	--	--	
06/23/94	57.83	31.32	0.00	26.51	-1.22	150000	--	2500	33000	6400	37000	--	--	
09/21/94	57.83	33.21	0.00	24.62	-1.89	110000	--	2500	23000	4500	25000	--	--	
12/19/94	57.83	30.97	0.00	26.86	2.24	200000	--	2400	28000	6600	37000	--	--	
03/27/95	57.83	22.77	0.00	35.06	8.20	88000	--	1500	20000	4200	25000	--	--	
06/26/95	57.83	25.69	0.00	32.14	-2.92	130000	--	1000	23000	5600	33000	--	--	
07/28/95	57.83	26.97	0.00	30.86	-1.28	--	--	--	--	--	--	--	--	
09/28/95	57.83	29.55	0.00	28.28	-2.58	100000	--	810	21000	6500	37000	--	--	
10/24/95	57.83	29.99	0.00	27.84	-0.44	--	--	--	--	--	--	--	--	
12/29/95	57.83	30.40	0.00	27.43	-0.41	110000	--	990	22000	8300	47000	--	--	
03/27/96	57.83	22.29	0.00	35.54	8.11	120000	--	920	17000	7100	41000	180	180	
09/21/96	57.83	29.44	0.00	28.39	-7.15	110000	--	270	3500	5900	16000	260	260	
03/31/97	57.83	24.18	0.00	33.65	5.26	82000	--	240	8700	3800	23000	ND	--	
09/27/97	57.83	31.86	0.00	25.97	-7.68	81000	--	ND	1000	5900	31000	ND	--	
03/20/98	57.83	16.88	0.00	40.95	14.98	52000	--	ND	350	2900	14000	ND	--	
09/09/98	57.83	26.21	0.00	31.62	-9.33	59000	--	51	64	6000	4800	ND	--	
03/11/99	57.83	23.60	0.00	34.23	2.61	60000	--	130	ND	2900	12000	ND	--	
09/08/99	57.83	28.70	0.00	29.13	-5.10	74000	--	ND	ND	2600	10000	ND	--	
03/24/00	57.83	21.61	0.00	36.22	7.09	37000	--	ND	ND	1980	6880	ND	--	
09/15/00	57.83	28.19	0.00	29.64	-6.58	45800	--	ND	ND	3150	10500	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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 continued														
03/16/01	57.83	25.59	0.00	32.24	2.60	37500	--	76.2	16.6	2010	7330	ND	--	
08/31/01	57.83	29.03	0.00	28.80	-3.44	62000	--	79	ND<50	3000	13000	ND<250	--	
03/15/02	57.83	25.58	0.00	32.25	3.45	26000	--	43	22	2400	10000	ND<100	--	
09/26/02	57.83	29.51	0.00	28.32	-3.93	--	56000	31	ND<25	2500	11000	--	ND<100	
03/16/03	57.83	26.71	0.00	31.12	2.80	--	43000	ND<250	ND<250	2200	6800	--	ND<1000	
09/03/03	57.83	29.54	0.00	28.29	-2.83	--	55000	ND<50	ND<50	2200	4200	--	ND<200	
03/11/04	57.83	25.57	0.00	32.26	3.97	--	23000	10	ND<5.0	1100	2100	--	ND<20	
09/24/04	57.83	31.20	0.00	26.63	-5.63	--	29000	15	ND<10	1900	1100	--	ND<10	
03/29/05	57.83	23.38	0.00	34.45	7.82	--	26000	15	ND<10	990	260	--	ND<10	
09/12/05	57.83	28.13	0.00	29.70	-4.75	--	15000	13	1.3	1100	110	--	0.93	
03/27/06	57.83	21.38	0.00	36.45	6.75	--	11000	7.6	1.0	590	90	--	ND<0.50	
09/08/06	57.83	26.73	0.00	31.10	-5.35	--	9000	4.7	4.0	460	82	--	ND<0.50	
01/29/07	57.83	28.63	0.00	29.20	-1.90	--	10000	9.2	ND<5.0	990	310	--	ND<5.0	
07/02/07	57.83	29.53	0.00	28.30	-0.90	--	8800	10	ND<6.2	910	170	--	ND<6.2	
01/14/08	57.83	29.19	0.00	28.64	0.34	--	8400	12	ND<6.2	960	88	--	ND<6.2	
09/02/08	57.83	31.88	0.00	25.95	-2.69	--	8300	7.7	ND<5.0	850	56	--	ND<5.0	
03/13/09	57.83	27.43	0.00	30.40	4.45	--	9600	6.1	ND<5.0	970	160	--	ND<5.0	
09/01/09	57.83	31.77	0.00	26.06	-4.34	--	12000	17	ND<5.0	590	16	--	21	
MW-2 (Screen Interval in feet: 28.0-48.0)														
10/03/88	58.13	36.04	0.00	22.09	--	1760	--	47.8	7.4	20.9	81.6	--	--	
01/27/89	58.13	34.77	0.00	23.36	1.27	510	--	58	8.7	22.6	20.3	--	--	
02/16/90	58.13	34.50	0.00	23.63	0.27	840	--	50	0.5	28	44	--	--	
05/01/90	58.13	--	--	--	--	1000	--	39	ND	32	52	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-2 continued														
07/19/90	58.13	35.72	0.00	22.41	--	--	--	--	--	--	--	--	--	
08/24/90	58.13	36.30	0.00	21.83	-0.58	330	--	17	ND	19	20	--	--	
11/30/90	58.13	37.40	0.00	20.73	-1.10	400	--	41	ND	39	37	--	--	
02/07/91	58.13	37.27	0.00	20.86	0.13	510	--	40	ND	29	44	--	--	
05/06/91	58.13	33.31	0.00	24.82	3.96	2300	--	150	10	52	110	--	--	
09/27/91	58.13	36.86	0.00	21.27	-3.55	110	--	2.6	ND	5.6	5.1	--	--	
12/27/91	58.13	37.66	0.00	20.47	-0.80	170	--	3.9	ND	7.3	60	--	--	
03/31/92	58.13	37.66	0.00	20.47	0.00	--	--	--	--	--	--	--	--	
06/18/92	58.13	31.27	0.00	26.86	6.39	1200	--	35	1.6	56	26	--	--	
09/30/92	58.13	--	--	--	--	820	--	21	ND	42	25	--	--	
10/16/92	58.13	35.87	0.00	22.26	--	--	--	--	--	--	--	--	--	
11/18/92	58.13	36.24	0.00	21.89	-0.37	65	--	1.2	ND	2.8	1.4	--	--	
03/03/93	58.13	26.30	0.00	31.83	9.94	4200	--	62	2.9	97	120	--	--	
06/25/93	58.13	28.40	0.00	29.73	-2.10	4000	--	110	ND	320	280	--	--	
09/03/93	58.13	31.10	0.00	27.03	-2.70	1400	--	31	4.3	99	53	--	--	
12/13/93	58.13	33.03	0.00	25.10	-1.93	260	--	7.7	0.83	17	23	--	--	
03/18/94	58.13	30.34	0.00	27.79	2.69	250	--	6.4	0.64	28	24	--	--	
06/23/94	58.13	31.63	0.00	26.50	-1.29	420	--	3.9	0.66	23	11	--	--	
09/21/94	58.13	33.52	0.00	24.61	-1.89	ND	--	ND	ND	ND	ND	--	--	
12/19/94	58.13	31.26	0.00	26.87	2.26	190	--	1.9	ND	15	6.8	--	--	
03/27/95	58.13	23.02	0.00	35.11	8.24	ND	--	ND	0.55	1.2	2.5	--	--	
06/26/95	58.13	25.98	0.00	32.15	-2.96	ND	--	ND	0.93	0.88	3.4	--	--	
07/28/95	58.13	27.26	0.00	30.87	-1.28	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-2 continued														
09/28/95	58.13	29.77	0.00	28.36	-2.51	730	--	2.9	--	41	29	--	--	
10/24/95	58.13	30.56	0.00	27.57	-0.79	--	--	--	--	--	--	--	--	
12/29/95	58.13	30.25	0.00	27.88	0.31	860	--	4.3	1	27	50	--	--	
03/27/96	58.13	22.30	0.00	35.83	7.95	--	--	--	--	--	--	--	--	Connected to system
09/21/96	58.13	29.47	0.00	28.66	-7.17	--	--	--	--	--	--	--	--	Connected to system
03/31/97	58.13	24.20	0.00	33.93	5.27	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.13	31.07	0.00	27.06	-6.87	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.13	16.73	0.00	41.40	14.34	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	58.13	26.03	0.00	32.10	-9.30	ND	--	ND	0.54	ND	0.57	ND	--	
03/11/99	58.13	23.46	0.00	34.67	2.57	ND	--	ND	0.59	ND	1.1	ND	--	
09/08/99	58.13	28.53	0.00	29.60	-5.07	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	58.13	21.45	0.00	36.68	7.08	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	58.13	28.02	0.00	30.11	-6.57	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	58.13	25.41	0.00	32.72	2.61	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.13	28.74	0.00	29.39	-3.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	58.13	25.45	0.00	32.68	3.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	58.13	29.36	0.00	28.77	-3.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.13	26.58	0.00	31.55	2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	58.13	29.34	0.00	28.79	-2.76	--	ND<50	ND<0.50	0.71	ND<0.50	ND<1	--	ND<2	
03/11/04	58.13	25.41	0.00	32.72	3.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.13	31.05	0.00	27.08	-5.64	--	66	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.13	23.25	0.00	34.88	7.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	58.13	27.98	0.00	30.15	-4.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-2 continued														
03/27/06	58.13	21.22	0.00	36.91	6.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	58.13	26.56	0.00	31.57	-5.34	--	56	ND<0.50	ND<0.50	0.71	ND<0.50	--	ND<0.50	
01/29/07	58.13	28.46	0.00	29.67	-1.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	58.13	29.37	0.00	28.76	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	58.13	28.95	0.00	29.18	0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	58.13	31.72	0.00	26.41	-2.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	58.13	27.26	0.00	30.87	4.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/01/09	58.13	31.61	0.00	26.52	-4.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3 (Screen Interval in feet: 23.0-48.0)														
10/03/88	57.92	35.86	0.00	22.06	--	61000	--	1060	3380	1520	8720	--	--	
01/27/89	57.92	34.60	0.00	23.32	1.26	39000	--	1570	2830	1250	7070	--	--	
02/16/90	57.92	35.23	0.00	22.69	-0.63	22000	--	710	4100	6900	33000	--	--	
05/01/90	57.92	--	--	--	--	19000	--	330	170	310	1500	--	--	
07/19/90	57.92	35.50	0.00	22.42	--	--	--	--	--	--	--	--	--	
08/24/90	57.92	36.08	0.00	21.84	-0.58	19000	--	480	160	510	1500	--	--	
11/30/90	57.92	37.17	0.00	20.75	-1.09	13000	--	390	81	410	1000	--	--	
02/06/91	57.92	37.07	0.00	20.85	0.10	13000	--	310	150	380	1200	--	--	
05/06/91	57.92	33.11	0.00	24.81	3.96	39000	--	1000	570	930	3900	--	--	
09/27/91	57.92	36.64	0.00	21.28	-3.53	4000	--	160	84	180	560	--	--	
12/27/91	57.92	37.46	0.00	20.46	-0.82	31000	--	240	280	400	1600	--	--	
03/31/92	57.92	31.10	0.00	26.82	6.36	100000	--	1900	1900	2300	9400	--	--	
06/18/92	57.92	32.83	0.00	25.09	-1.73	180000	--	2200	1700	2300	1100	--	--	
09/30/92	57.92	--	--	--	--	36000	--	730	200	1000	4400	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-3 continued														
10/16/92	57.92	35.66	0.00	22.26	--	--	--	--	--	--	--	--	--	
11/18/92	57.92	36.04	0.00	21.88	-0.38	24000	--	430	160	640	2800	--	--	
03/03/93	57.92	26.11	0.00	31.81	9.93	96000	--	1400	1900	1400	8400	--	--	
06/25/93	57.92	28.43	0.00	29.49	-2.32	27000	--	1200	980	1700	6900	--	--	
09/03/93	57.92	30.88	0.00	27.04	-2.45	82000	--	2400	3400	4200	21000	--	--	
12/13/93	57.92	32.82	0.00	25.10	-1.94	49000	--	1300	360	2300	9200	--	--	
03/18/94	57.92	30.17	0.00	27.75	2.65	22000	--	1200	430	2200	9700	--	--	
06/23/94	57.92	31.42	0.00	26.50	-1.25	37000	--	1300	670	3100	14000	--	--	
09/21/94	57.92	33.30	0.00	24.62	-1.88	24000	--	890	110	2200	8800	--	--	
12/19/94	57.92	31.07	0.00	26.85	2.23	100000	--	1200	2900	4200	23000	--	--	
03/27/95	57.92	22.78	0.00	35.14	8.29	33000	--	410	66	1600	6500	--	--	
06/26/95	57.92	25.78	0.00	32.14	-3.00	14000	--	300	ND	1300	3900	--	--	
07/28/95	57.92	27.06	0.00	30.86	-1.28	--	--	--	--	--	--	--	--	
09/28/95	57.92	29.57	0.00	28.35	-2.51	17000	--	730	30	4000	8800	--	--	
10/24/95	57.92	30.34	0.00	27.58	-0.77	--	--	--	--	--	--	--	--	
12/29/95	57.92	29.91	0.00	28.01	0.43	55000	--	700	ND	4900	16000	--	--	
03/27/96	57.92	21.99	0.00	35.93	7.92	--	--	--	--	--	--	--	--	Connected to system
09/21/96	57.92	29.15	0.00	28.77	-7.16	34000	--	140	ND	2200	6600	1800	--	
03/31/97	57.92	23.86	0.00	34.06	5.29	17000	--	58	110	530	1500	ND	--	
09/27/97	57.92	30.76	0.00	27.16	-6.90	11000	--	19	ND	850	420	140	--	
03/20/98	57.92	16.39	0.00	41.53	14.37	ND	--	ND	ND	ND	ND	74	--	
09/09/98	57.92	25.70	0.00	32.22	-9.31	ND	--	ND	ND	ND	ND	ND	--	
03/11/99	57.92	23.12	0.00	34.80	2.58	7300	--	ND	ND	320	210	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-3 continued														
09/08/99	57.92	28.21	0.00	29.71	-5.09	7900	--	ND	ND	ND	160	ND	--	
03/24/00	57.92	21.12	0.00	36.80	7.09	3310	--	5.4	ND	101	43.3	ND	--	
09/15/00	57.92	27.68	0.00	30.24	-6.56	1540	--	ND	ND	56.4	ND	ND	12.6	
03/16/01	57.92	25.09	0.00	32.83	2.59	678	--	3.14	1	16.4	14.6	42.9	--	
08/31/01	57.92	28.53	0.00	29.39	-3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	57.92	25.05	0.00	32.87	3.48	1500	--	ND<2.50	ND<2.50	43	ND<2.50	ND<12	--	
09/26/02	57.92	28.98	0.00	28.94	-3.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	57.92	26.19	0.00	31.73	2.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	57.92	29.04	0.00	28.88	-2.85	--	1300	ND<0.50	0.53	19	ND<1	--	5.9	
03/11/04	57.92	25.03	0.00	32.89	4.01	--	130	ND<0.50	ND<0.50	1.1	ND<1.0	--	ND<2.0	
09/24/04	57.92	30.70	0.00	27.22	-5.67	--	640	ND<0.50	ND<0.50	6.5	ND<1.0	--	1.1	
03/29/05	57.92	22.80	0.00	35.12	7.90	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	57.92	27.63	0.00	30.29	-4.83	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	
03/27/06	57.92	20.83	0.00	37.09	6.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	57.92	26.21	0.00	31.71	-5.38	--	65	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	57.92	28.14	0.00	29.78	-1.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	57.92	29.03	0.00	28.89	-0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	57.92	28.64	0.00	29.28	0.39	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.92	31.38	0.00	26.54	-2.74	--	80	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	57.92	26.92	0.00	31.00	4.46	--	88	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/01/09	57.92	31.26	0.00	26.66	-4.34	--	280	ND<0.50	ND<0.50	0.98	ND<1.0	--	ND<0.50	
MW-4 (Screen Interval in feet: 23.0-48.0)														
10/03/88	58.29	36.12	0.00	22.17	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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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-4 continued														
01/27/89	58.29	34.87	0.00	23.42	1.25	ND	--	ND	ND	ND	ND	--	--	
02/16/90	58.29	35.60	0.00	22.69	-0.73	ND	--	ND	ND	ND	ND	--	--	
05/01/90	58.29	--	--	--	--	ND	--	ND	ND	0.68	1.4	--	--	
07/19/90	58.29	35.78	0.00	22.51	--	--	--	--	--	--	--	--	--	
08/24/90	58.29	36.35	0.00	21.94	-0.57	ND	--	ND	ND	ND	ND	--	--	
11/30/90	58.29	37.46	0.00	20.83	-1.11	ND	--	ND	ND	ND	1.2	--	--	
02/06/91	58.29	37.40	0.00	20.89	0.06	ND	--	ND	ND	ND	ND	--	--	
05/06/91	58.29	33.39	0.00	24.90	4.01	--	--	--	--	--	--	--	--	
09/27/91	58.29	36.90	0.00	21.39	-3.51	ND	--	ND	ND	ND	ND	--	--	
12/27/91	58.29	37.76	0.00	20.53	-0.86	ND	--	ND	ND	ND	ND	--	--	
03/31/92	58.29	31.41	0.00	26.88	6.35	ND	--	ND	ND	ND	ND	--	--	
06/18/92	58.29	33.09	0.00	25.20	-1.68	ND	--	ND	ND	ND	ND	--	--	
10/16/92	58.29	35.92	0.00	22.37	-2.83	ND	--	ND	ND	ND	ND	--	--	
11/18/92	58.29	36.33	0.00	21.96	-0.41	--	--	--	--	--	--	--	--	
03/03/93	58.29	26.43	0.00	31.86	9.90	68	--	0.9	0.6	ND	1.9	--	--	
06/25/93	58.29	28.60	0.00	29.69	-2.17	--	--	--	--	--	--	--	--	
09/03/93	58.29	31.05	0.00	27.24	-2.45	86	--	14	13	1.4	7.1	--	--	
12/13/93	58.29	33.09	0.00	25.20	-2.04	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	58.29	30.42	0.00	27.87	2.67	ND	--	ND	ND	ND	ND	--	--	
06/23/94	58.29	31.95	0.00	26.34	-1.53	--	--	--	--	--	--	--	--	
09/21/94	58.29	33.86	0.00	24.43	-1.91	ND	--	ND	0.78	ND	0.81	--	--	
12/19/94	58.29	31.72	0.00	26.57	2.14	--	--	--	--	--	--	--	--	
03/27/95	58.29	23.44	0.00	34.85	8.28	ND	--	ND	0.79	0.51	3.1	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-4 continued														
06/26/95	58.29	26.26	0.00	32.03	-2.82	--	--	--	--	--	--	--	--	
07/28/95	58.29	27.53	0.00	30.76	-1.27	--	--	--	--	--	--	--	--	
09/28/95	58.29	30.05	0.00	28.24	-2.52	ND	--	ND	ND	ND	ND	--	--	
10/24/95	58.29	30.79	0.00	27.50	-0.74	--	--	--	--	--	--	--	--	
12/29/95	58.29	30.96	0.00	27.33	-0.17	--	--	--	--	--	--	--	--	
03/27/96	58.29	22.71	0.00	35.58	8.25	ND	--	ND	0.7	ND	0.79	ND	--	
09/21/96	58.29	29.88	0.00	28.41	-7.17	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	58.29	24.72	0.00	33.57	5.16	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.29	31.68	0.00	26.61	-6.96	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.29	17.27	0.00	41.02	14.41	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	58.29	26.58	0.00	31.71	-9.31	ND	--	ND	ND	ND	0.65	3	--	
03/11/99	58.29	24.12	0.00	34.17	2.46	ND	--	ND	0.7	ND	1.2	ND	--	
09/08/99	58.29	29.18	0.00	29.11	-5.06	ND	--	ND	ND	ND	0.78	ND	--	
03/24/00	58.29	22.08	0.00	36.21	7.10	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	58.29	28.63	0.00	29.66	-6.55	ND	--	ND	1.36	ND	1.46	ND	--	
03/16/01	58.29	26.14	0.00	32.15	2.49	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.29	29.27	0.00	29.02	-3.13	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	58.29	26.07	0.00	32.22	3.20	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	58.29	29.95	0.00	28.34	-3.88	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.29	27.20	0.00	31.09	2.75	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	58.29	29.99	0.00	28.30	-2.79	--	ND<0.50	ND<0.50	0.58	ND<0.50	ND<1	--	ND<2	
03/11/04	58.29	26.07	0.00	32.22	3.92	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.29	31.71	0.00	26.58	-5.64	--	62	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-4 continued														
03/29/05	58.29	23.93	0.00	34.36	7.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	58.29	28.21	0.00	30.08	-4.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	58.29	21.49	0.00	36.80	6.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	58.29	26.81	0.00	31.48	-5.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	58.29	28.79	0.00	29.50	-1.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	58.29	29.67	0.00	28.62	-0.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	58.29	29.43	0.00	28.86	0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	58.29	32.07	0.00	26.22	-2.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	58.29	27.70	0.00	30.59	4.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/01/09	58.29	31.92	0.00	26.37	-4.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5 (Screen Interval in feet: 25.0-45.0)														
02/16/90	58.50	35.89	0.00	22.61	--	67	--	0.51	1.6	2.9	7.5	--	--	
05/01/90	58.50	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/19/90	58.50	36.10	0.00	22.40	--	--	--	--	--	--	--	--	--	
08/24/90	58.50	36.67	0.00	21.83	-0.57	ND	--	ND	ND	ND	ND	--	--	
11/30/90	58.50	37.74	0.00	20.76	-1.07	ND	--	ND	0.7	ND	ND	--	--	
02/06/91	58.50	37.62	0.00	20.88	0.12	ND	--	ND	ND	ND	ND	--	--	
05/06/91	58.50	33.67	0.00	24.83	3.95	--	--	--	--	--	--	--	--	
09/27/91	58.50	37.23	0.00	21.27	-3.56	ND	--	ND	ND	ND	ND	--	--	
12/27/91	58.50	38.02	0.00	20.48	-0.79	ND	--	ND	ND	ND	ND	--	--	
03/31/92	58.50	31.62	0.00	26.88	6.40	ND	--	ND	ND	ND	1.1	--	--	
06/18/92	58.50	33.46	0.00	25.04	-1.84	--	--	--	--	--	--	--	--	
10/16/92	58.50	36.23	0.00	22.27	-2.77	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-5 continued														
11/18/92	58.50	36.62	0.00	21.88	-0.39	--	--	--	--	--	--	--	--	
03/03/93	58.50	26.62	0.00	31.88	10.00	ND	--	ND	ND	ND	ND	--	--	
06/25/93	58.50	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
09/03/93	58.50	31.45	0.00	27.05	--	ND	--	ND	1.5	ND	7.9	--	--	
12/13/93	58.50	33.39	0.00	25.11	-1.94	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	58.50	30.67	0.00	27.83	2.72	ND	--	ND	ND	ND	ND	--	--	
06/23/94	58.50	32.00	0.00	26.50	-1.33	--	--	--	--	--	--	--	--	
09/21/94	58.50	33.90	0.00	24.60	-1.90	ND	--	ND	0.98	ND	1.6	--	--	
12/19/94	58.50	31.63	0.00	26.87	2.27	--	--	--	--	--	--	--	--	
03/27/95	58.50	23.44	0.00	35.06	8.19	ND	--	ND	0.66	ND	2.9	--	--	
06/26/95	58.50	26.35	0.00	32.15	-2.91	--	--	--	--	--	--	--	--	
07/28/95	58.50	27.63	0.00	30.87	-1.28	--	--	--	--	--	--	--	--	
09/28/95	58.50	30.15	0.00	28.35	-2.52	ND	--	ND	ND	ND	ND	--	--	
10/24/95	58.50	30.98	0.00	27.52	-0.83	--	--	--	--	--	--	--	--	
12/29/95	58.50	30.87	0.00	27.63	0.11	--	--	--	--	--	--	--	--	
03/27/96	58.50	22.75	0.00	35.75	8.12	ND	--	ND	1.7	ND	2.4	ND	--	
09/21/96	58.50	29.95	0.00	28.55	-7.20	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	58.50	24.80	0.00	33.70	5.15	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.50	31.65	0.00	26.85	-6.85	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.50	17.31	0.00	41.19	14.34	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	58.50	26.63	0.00	31.87	-9.32	ND	--	ND	ND	ND	ND	ND	--	
03/11/99	58.50	24.08	0.00	34.42	2.55	ND	--	ND	0.96	ND	1.7	ND	--	
09/08/99	58.50	29.16	0.00	29.34	-5.08	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-5 continued														
03/24/00	58.50	22.06	0.00	36.44	7.10	ND	--	ND	ND	ND	0.957	ND	--	
09/15/00	58.50	28.64	0.00	29.86	-6.58	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	58.50	26.05	0.00	32.45	2.59	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.50	29.32	0.00	29.18	-3.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	58.50	26.08	0.00	32.42	3.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	58.50	29.96	0.00	28.54	-3.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.50	27.24	0.00	31.26	2.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	58.50	30.04	0.00	28.46	-2.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
03/11/04	58.50	26.05	0.00	32.45	3.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.50	31.66	0.00	26.84	-5.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.50	23.94	0.00	34.56	7.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.5	--	ND<0.50	
09/12/05	58.50	28.59	0.00	29.91	-4.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	58.50	21.59	0.00	36.91	7.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	58.50	27.15	0.00	31.35	-5.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	58.50	29.08	0.00	29.42	-1.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	58.50	29.98	0.00	28.52	-0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	58.50	29.55	0.00	28.95	0.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	58.50	32.35	0.00	26.15	-2.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	58.50	27.88	0.00	30.62	4.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/01/09	58.50	32.24	0.00	26.26	-4.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-6 (Screen Interval in feet: 25.0-45-0)														
02/16/90	56.96	34.50	0.00	22.46	--	ND	--	ND	ND	ND	ND	--	--	
05/01/90	56.96	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-6 continued														
07/19/90	56.96	34.74	0.00	22.22	--	ND	--	ND	ND	ND	ND	--	--	
08/24/90	56.96	35.32	0.00	21.64	-0.58	ND	--	ND	ND	ND	ND	--	--	
11/30/90	56.96	36.38	0.00	20.58	-1.06	ND	--	ND	ND	ND	ND	--	--	
02/06/91	56.96	36.27	0.00	20.69	0.11	ND	--	ND	ND	ND	ND	--	--	
05/06/91	56.96	32.41	0.00	24.55	3.86	--	--	--	--	--	--	--	--	
09/27/91	56.96	35.87	0.00	21.09	-3.46	ND	--	ND	ND	ND	ND	--	--	
12/27/91	56.96	36.67	0.00	20.29	-0.80	ND	--	ND	ND	ND	ND	--	--	
03/31/92	56.96	30.32	0.00	26.64	6.35	ND	--	ND	1.3	ND	2	--	--	
06/18/92	56.96	32.18	0.00	24.78	-1.86	ND	--	ND	ND	ND	ND	--	--	
10/16/92	56.96	34.92	0.00	22.04	-2.74	ND	--	ND	ND	ND	ND	--	--	
11/18/92	56.96	35.28	0.00	21.68	-0.36	--	--	--	--	--	--	--	--	
03/03/93	56.96	25.43	0.00	31.53	9.85	ND	--	ND	ND	ND	ND	--	--	
06/25/93	56.96	27.86	0.00	29.10	-2.43	--	--	--	--	--	--	--	--	
09/03/93	56.96	30.25	0.00	26.71	-2.39	ND	--	ND	ND	ND	ND	--	--	
12/13/93	56.96	32.14	0.00	24.82	-1.89	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	56.96	29.46	0.00	27.50	2.68	ND	--	ND	0.93	ND	1.4	--	--	
06/23/94	56.96	30.76	0.00	26.20	-1.30	--	--	--	--	--	--	--	--	
09/21/94	56.96	32.62	0.00	24.34	-1.86	ND	--	ND	ND	ND	ND	--	--	
12/19/94	56.96	30.32	0.00	26.64	2.30	--	--	--	--	--	--	--	--	
03/27/95	56.96	22.10	0.00	34.86	8.22	56	--	ND	0.65	ND	3.3	--	--	
06/26/95	56.96	25.20	0.00	31.76	-3.10	--	--	--	--	--	--	--	--	
07/28/95	56.96	26.48	0.00	30.48	-1.28	--	--	--	--	--	--	--	--	
09/28/95	56.96	28.92	0.00	28.04	-2.44	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-6 continued														
10/24/95	56.96	29.73	0.00	27.23	-0.81	--	--	--	--	--	--	--	--	
12/29/95	56.96	29.62	0.00	27.34	0.11	--	--	--	--	--	--	--	--	
03/27/96	56.96	21.59	0.00	35.37	8.03	50	--	ND	0.92	ND	0.96	ND	--	
09/21/96	56.96	28.72	0.00	28.24	-7.13	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	56.96	23.72	0.00	33.24	5.00	73	--	0.67	0.82	ND	ND	ND	--	
09/27/97	56.96	30.52	0.00	26.44	-6.80	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	56.96	16.35	0.00	40.61	14.17	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	56.96	25.53	0.00	31.43	-9.18	ND	--	ND	0.64	ND	0.65	3.3	--	
03/11/99	56.96	22.85	0.00	34.11	2.68	ND	--	ND	0.71	ND	1.4	ND	--	
09/08/99	56.96	28.01	0.00	28.95	-5.16	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	56.96	20.93	0.00	36.03	7.08	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	56.96	27.51	0.00	29.45	-6.58	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	56.96	24.87	0.00	32.09	2.64	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	56.96	28.20	0.00	28.76	-3.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	56.96	24.82	0.00	32.14	3.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	56.96	28.72	0.00	28.24	-3.90	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	56.96	26.00	0.00	30.96	2.72	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	56.96	28.78	0.00	28.18	-2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
03/11/04	56.96	24.78	0.00	32.18	4.00	--	69	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	56.96	30.42	0.00	26.54	-5.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	56.96	25.66	0.00	31.30	4.76	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	56.96	27.41	0.00	29.55	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	56.96	21.42	0.00	35.54	5.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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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-6 continued														
09/08/06	56.96	26.02	0.00	30.94	-4.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	56.96	27.91	0.00	29.05	-1.89	--	87	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	56.96	28.78	0.00	28.18	-0.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	56.96	28.26	0.00	28.70	0.52	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	56.96	31.10	0.00	25.86	-2.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	56.96	26.63	0.00	30.33	4.47	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/01/09	56.96	31.01	0.00	25.95	-4.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-7 (Screen Interval in feet: 24.0-44.0)														
02/16/90	57.25	35.75	0.00	21.50	--	ND	--	ND	ND	ND	ND	--	--	
05/01/90	57.25	--	--	--	--	24	--	ND	ND	0.74	1.7	--	--	
07/19/90	57.25	35.03	0.00	22.22	--	--	--	--	--	--	--	--	--	
08/24/90	57.25	35.64	0.00	21.61	-0.61	ND	--	ND	ND	ND	ND	--	--	
11/30/90	57.25	36.68	0.00	20.57	-1.04	ND	--	ND	ND	0.6	1.5	--	--	
02/06/91	57.25	36.55	0.00	20.70	0.13	ND	--	ND	ND	ND	ND	--	--	
05/06/91	57.25	32.69	0.00	24.56	3.86	ND	--	ND	ND	ND	ND	--	--	
09/27/91	57.25	36.18	0.00	21.07	-3.49	ND	--	ND	ND	ND	ND	--	--	
12/27/91	57.25	36.96	0.00	20.29	-0.78	ND	--	ND	ND	ND	ND	--	--	
03/31/92	57.25	30.56	0.00	26.69	6.40	ND	--	ND	ND	ND	0.9	--	--	
06/18/92	57.25	32.52	0.00	24.73	-1.96	--	--	--	--	--	--	--	--	
10/16/92	57.25	35.24	0.00	22.01	-2.72	ND	--	ND	ND	ND	ND	--	--	
11/18/92	57.25	35.59	0.00	21.66	-0.35	--	--	--	--	--	--	--	--	
03/03/93	57.25	25.66	0.00	31.59	9.93	ND	--	ND	ND	ND	ND	--	--	
06/25/93	57.25	28.25	0.00	29.00	-2.59	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-7 continued														
09/03/93	57.25	30.60	0.00	26.65	-2.35	ND	--	ND	ND	ND	ND	--	--	
12/13/93	57.25	32.45	0.00	24.80	-1.85	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	57.25	29.76	0.00	27.49	2.69	ND	--	ND	ND	ND	ND	--	--	
06/23/94	57.25	31.10	0.00	26.15	-1.34	--	--	--	--	--	--	--	--	
09/21/94	57.25	32.96	0.00	24.29	-1.86	ND	--	0.5	ND	ND	0.89	--	--	
12/19/94	57.25	30.60	0.00	26.65	2.36	--	--	--	--	--	--	--	--	
03/27/95	57.25	22.43	0.00	34.82	8.17	ND	--	ND	0.54	ND	1.9	--	--	
06/26/95	57.25	25.55	0.00	31.70	-3.12	--	--	--	--	--	--	--	--	
07/28/95	57.25	26.84	0.00	30.41	-1.29	--	--	--	--	--	--	--	--	
09/28/95	57.25	29.29	0.00	27.96	-2.45	ND	--	ND	ND	ND	ND	--	--	
10/24/95	57.25	30.05	0.00	27.20	-0.76	--	--	--	--	--	--	--	--	
12/29/95	57.25	29.91	0.00	27.34	0.14	--	--	--	--	--	--	--	--	
03/27/96	57.25	21.94	0.00	35.31	7.97	ND	--	ND	1.1	ND	1.7	ND	--	
09/21/96	57.25	29.07	0.00	28.18	-7.13	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	57.25	24.02	0.00	33.23	5.05	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	57.25	30.84	0.00	26.41	-6.82	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	57.25	16.68	0.00	40.57	14.16	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	57.25	25.89	0.00	31.36	-9.21	ND	--	ND	ND	ND	ND	4.1	--	
03/11/99	57.25	23.16	0.00	34.09	2.73	ND	--	ND	0.91	ND	1.6	5.7	--	
09/08/99	57.25	28.32	0.00	28.93	-5.16	ND	--	ND	ND	ND	ND	2.7	--	
03/24/00	57.25	21.23	0.00	36.02	7.09	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	57.25	27.83	0.00	29.42	-6.60	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	57.25	25.15	0.00	32.10	2.68	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-7 continued														
08/31/01	57.25	28.49	0.00	28.76	-3.34	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	57.25	24.96	0.00	32.29	3.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	57.25	29.09	0.00	28.16	-4.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	57.25	26.33	0.00	30.92	2.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	57.25	29.14	0.00	28.11	-2.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
03/11/04	57.25	25.09	0.00	32.16	4.05	--	72	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	57.25	30.73	0.00	26.52	-5.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	57.25	23.00	0.00	34.25	7.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	57.25	27.71	0.00	29.54	-4.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	57.25	21.28	0.00	35.97	6.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	57.25	26.35	0.00	30.90	-5.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	57.25	28.19	0.00	29.06	-1.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	57.25	29.10	0.00	28.15	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	57.25	28.51	0.00	28.74	0.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.25	31.40	0.00	25.85	-2.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	57.25	26.89	0.00	30.36	4.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/01/09	57.25	31.33	0.00	25.92	-4.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8 (Screen Interval in feet: 24.0-44.0)														
02/16/90	57.71	35.10	0.00	22.61	--	1900	--	11	ND	52	55	--	--	
05/01/90	57.71	--	--	--	--	770	--	6.5	ND	20	32	--	--	
07/19/90	57.71	35.41	0.00	22.30	--	--	--	--	--	--	--	--	--	
08/24/90	57.71	36.00	0.00	21.71	-0.59	990	--	13	ND	48	66	--	--	
11/30/90	57.71	37.08	0.00	20.63	-1.08	570	--	13	ND	45	36	--	--	

Table 2
HISTORIC 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 continued														
02/06/91	57.71	36.92	0.00	20.79	0.16	630	--	9.6	ND	35	36	--	--	
05/06/91	57.71	33.03	0.00	24.68	3.89	14000	--	80	ND	250	550	--	--	
09/27/91	57.71	36.55	0.00	21.16	-3.52	720	--	13	4.3	26	26	--	--	
12/27/91	57.71	37.34	0.00	20.37	-0.79	1600	--	15	2.9	40	49	--	--	
03/31/92	57.71	31.93	0.00	25.78	5.41	15000	--	120	1	430	530	--	--	
06/18/92	57.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/16/92	57.71	35.58	0.00	22.13	--	300	--	0.96	ND	4	3.5	--	--	
11/18/92	57.71	35.94	0.00	21.77	-0.36	1100	--	6.1	ND	13	5.6	--	--	
03/03/93	57.71	26.00	0.00	31.71	9.94	13000	--	33	ND	160	290	--	--	
06/25/93	57.71	28.27	0.00	29.44	-2.27	8100	--	160	ND	580	740	--	--	
09/03/93	57.71	30.90	0.00	26.81	-2.63	9800	--	180	ND	580	700	--	--	
12/13/93	57.71	32.75	0.00	24.96	-1.85	6900	--	180	ND	240	550	--	--	
03/18/94	57.71	30.12	0.00	27.59	2.63	6100	--	85	ND	260	260	--	--	
06/23/94	57.71	31.40	0.00	26.31	-1.28	12000	--	210	ND	610	860	--	--	
09/21/94	57.71	33.30	0.00	24.41	-1.90	6900	--	190	ND	460	510	--	--	
12/19/94	57.71	30.95	0.00	26.76	2.35	6200	--	91	ND	230	210	--	--	
03/27/95	57.71	22.78	0.00	34.93	8.17	9200	--	240	ND	200	1400	--	--	
06/26/95	57.71	24.83	0.00	32.88	-2.05	11000	--	320	ND	680	2000	--	--	
07/28/95	57.71	27.10	0.00	30.61	-2.27	--	--	--	--	--	--	--	--	
09/28/95	57.71	29.58	0.00	28.13	-2.48	10000	--	250	ND	760	910	--	--	
10/24/95	57.71	30.40	0.00	27.31	-0.82	--	--	--	--	--	--	--	--	
12/29/95	57.71	30.25	0.00	27.46	0.15	7500	--	260	ND	580	870	--	--	
03/27/96	57.71	22.20	0.00	35.51	8.05	970	--	29	0.77	82	85	ND	--	

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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-8 continued														
09/21/96	57.71	29.34	0.00	28.37	-7.14	3800	--	27	ND	46	45	ND	--	
03/31/97	57.71	24.35	0.00	33.36	4.99	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	57.71	31.15	0.00	26.56	-6.80	78	--	0.9	ND	12	ND	ND	--	
03/20/98	57.71	16.84	0.00	40.87	14.31	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	57.71	26.14	0.00	31.57	-9.30	910	--	ND	49	12	2.2	1.5	--	
03/11/99	57.71	23.48	0.00	34.23	2.66	4700	--	9.6	ND	280	95	ND	--	
09/08/99	57.71	28.60	0.00	29.11	-5.12	1900	--	ND	ND	36	ND	ND	--	
03/24/00	57.71	21.49	0.00	36.22	7.11	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	57.71	28.09	0.00	29.62	-6.60	533	--	2.23	ND	6.27	0.684	ND	--	
03/16/01	57.71	25.43	0.00	32.28	2.66	1000	--	ND	ND	17.8	44.5	ND	--	
08/31/01	57.71	28.89	0.00	28.82	-3.46	6500	--	8.6	7.4	420	1900	ND<25	--	
03/15/02	57.71	25.45	0.00	32.26	3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/26/02	57.71	29.37	0.00	28.34	-3.92	--	290	ND<0.50	ND<0.50	0.65	ND<1.0	--	ND<2.0	
03/16/03	57.71	26.65	0.00	31.06	2.72	--	--	--	--	--	--	--	--	Inaccessible
09/03/03	57.71	29.46	0.00	28.25	-2.81	--	450	ND<0.50	0.69	ND<0.50	ND<1.0	--	ND<2.0	
03/11/04	57.71	25.42	0.00	32.29	4.04	--	950	ND<0.50	ND<0.50	15	1.4	--	ND<2.0	
09/24/04	57.71	31.08	0.00	26.63	-5.66	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	57.71	23.30	0.00	34.41	7.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	57.71	28.07	0.00	29.64	-4.77	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	57.71	21.28	0.00	36.43	6.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	57.71	26.61	0.00	31.10	-5.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	57.71	28.48	0.00	29.23	-1.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	57.71	29.39	0.00	28.32	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-8 continued														
01/14/08	57.71	28.85	0.00	28.86	0.54	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.71	31.72	0.00	25.99	-2.87	--	85	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	57.71	27.21	0.00	30.50	4.51	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/01/09	57.71	31.63	0.00	26.08	-4.42	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9 (Screen Interval in feet: 20.0-45.0)														
12/19/94	56.47	29.71	0.00	26.76	--	ND	--	ND	1.6	1.5	8.4	--	--	
03/27/95	56.47	21.48	0.00	34.99	8.23	ND	--	ND	0.61	ND	2.8	--	--	
06/26/95	56.47	24.50	0.00	31.97	-3.02	ND	--	ND	ND	ND	3.9	--	--	
07/28/95	56.47	25.77	0.00	30.70	-1.27	--	--	--	--	--	--	--	--	
09/28/95	56.47	28.23	0.00	28.24	-2.46	ND	--	ND	ND	ND	ND	--	--	
10/24/95	56.47	29.21	0.00	27.26	-0.98	--	--	--	--	--	--	--	--	
12/29/95	56.47	29.02	0.00	27.45	0.19	ND	--	ND	0.58	ND	0.52	ND	--	
03/27/96	56.47	20.91	0.00	35.56	8.11	ND	--	ND	0.68	ND	0.51	ND	--	
09/21/96	56.47	28.05	0.00	28.42	-7.14	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	56.47	23.48	0.00	32.99	4.57	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	56.47	30.38	0.00	26.09	-6.90	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	56.47	15.60	0.00	40.87	14.78	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	56.47	24.85	0.00	31.62	-9.25	ND	--	0.69	ND	ND	0.61	ND	--	
03/11/99	56.47	22.23	0.00	34.24	2.62	ND	--	ND	ND	ND	0.76	ND	--	
09/08/99	56.47	27.34	0.00	29.13	-5.11	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	56.47	20.27	0.00	36.20	7.07	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	56.47	26.84	0.00	29.63	-6.57	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	56.47	24.24	0.00	32.23	2.60	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-9 continued														
08/31/01	56.47	27.43	0.00	29.04	-3.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/15/02	56.47	24.79	0.00	31.68	2.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/26/02	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/16/03	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
09/03/03	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/11/04	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
09/24/04	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/29/05	56.47	21.92	0.00	34.55	--	--	91	ND<0.50	ND<0.50	1.3	ND<1.0	--	ND<0.50	
09/12/05	56.47	26.73	0.00	29.74	-4.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	56.47	20.75	0.00	35.72	5.98	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	56.47	25.33	0.00	31.14	-4.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	56.47	27.27	0.00	29.20	-1.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	56.47	28.13	0.00	28.34	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/14/08	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
09/02/08	56.47	30.47	0.00	26.00	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	56.47	26.05	0.00	30.42	4.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/01/09	56.47	30.35	0.00	26.12	-4.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10			(Screen Interval in feet: 20.0-45.0)											
07/28/95	58.94	25.53	0.00	33.41	--	ND	--	ND	ND	ND	ND	--	--	
09/28/95	58.94	--	--	--	--	--	--	--	--	--	--	--	--	
10/24/95	58.94	31.76	0.00	27.18	--	ND	--	ND	ND	ND	ND	--	--	
12/29/95	58.94	31.55	0.00	27.39	0.21	ND	--	ND	0.65	ND	1.1	--	--	
03/27/96	58.94	23.62	0.00	35.32	7.93	ND	--	ND	0.68	ND	0.69	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-10 continued														
09/21/96	58.94	30.77	0.00	28.17	-7.15	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	58.94	26.05	0.00	32.89	4.72	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.94	32.80	0.00	26.14	-6.75	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.94	18.13	0.00	40.81	14.67	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	58.94	27.54	0.00	31.40	-9.41	ND	--	ND	0.55	ND	ND	ND	--	
03/11/99	58.94	24.85	0.00	34.09	2.69	ND	--	ND	0.61	ND	0.87	ND	--	
09/08/99	58.94	29.97	0.00	28.97	-5.12	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	58.94	22.90	0.00	36.04	7.07	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	58.94	29.48	0.00	29.46	-6.58	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	58.94	26.80	0.00	32.14	2.68	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.94	30.05	0.00	28.89	-3.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/15/02	58.94	26.61	0.00	32.33	3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/26/02	58.94	30.68	0.00	28.26	-4.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.94	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
09/03/03	58.94	38.87	0.00	20.07	--	--	ND<50	ND<0.50	1.8	ND<0.50	ND<1.0	--	ND<2	
03/11/04	58.94	26.80	0.00	32.14	12.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.94	32.42	0.00	26.52	-5.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.94	24.11	0.00	34.83	8.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	58.94	29.43	0.00	29.51	-5.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	58.94	22.72	0.00	36.22	6.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/08/06	58.94	28.02	0.00	30.92	-5.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/29/07	58.94	29.85	0.00	29.09	-1.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/02/07	58.94	30.76	0.00	28.18	-0.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
September 1987 Through September 2009
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-10 continued														
01/14/08	58.94	30.11	0.00	28.83	0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	58.94	33.07	0.00	25.87	-2.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/13/09	58.94	28.52	0.00	30.42	4.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/01/09	58.94	33.01	0.00	25.93	-4.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5367

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (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)
MW-1										
03/27/95	--	--	--	--	--	--	--	--	1.50	--
06/26/95	--	--	--	--	--	--	--	--	1.60	--
09/28/95	--	--	--	--	--	--	--	--	1.22	--
12/29/95	--	--	--	--	--	--	--	--	1.74	--
03/27/96	--	--	--	--	--	--	--	--	1.02	1.48
09/21/96	--	--	--	--	--	--	--	--	1.01	--
03/31/97	--	--	--	--	--	--	--	--	1.49	1.47
03/16/03	ND<50000	ND<250000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	--	--
MW-2										
03/27/95	--	--	--	--	--	--	--	410	1.70	--
06/26/95	--	--	--	--	--	--	--	--	4.55	--
09/28/95	--	--	--	--	--	--	--	--	3.00	--
12/29/95	--	--	--	--	--	--	--	--	8.71	--
03/31/97	--	--	--	--	--	--	--	--	2.12	2.18
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-3										
03/27/95	--	--	--	--	--	--	--	450	0.90	--
06/26/95	--	--	--	--	--	--	--	--	1.55	--
09/28/95	--	--	--	--	--	--	--	--	1.63	--
12/29/95	--	--	--	--	--	--	--	--	6.97	--
03/31/97	--	--	--	--	--	--	--	--	2.06	1.95
09/15/00	ND<100	ND<1000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--

MW-4

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5367

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (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)
MW-4 continued										
03/27/95	--	--	--	--	--	--	--	--	4.90	--
09/28/95	--	--	--	--	--	--	--	--	6.29	--
03/27/96	--	--	--	--	--	--	--	--	3.91	4.32
09/21/96	--	--	--	--	--	--	--	--	2.82	--
03/31/97	--	--	--	--	--	--	--	--	2.63	2.66
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-5										
03/27/95	--	--	--	--	--	--	--	--	5.20	--
09/28/95	--	--	--	--	--	--	--	--	1.96	--
03/27/96	--	--	--	--	--	--	--	--	4.71	4.03
09/21/96	--	--	--	--	--	--	--	--	4.12	--
03/31/97	--	--	--	--	--	--	--	--	3.11	2.98
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-6										
03/27/95	--	--	--	--	--	--	--	--	7.40	--
09/28/95	--	--	--	--	--	--	--	--	4.19	--
03/27/96	--	--	--	--	--	--	--	--	4.96	5.94
09/21/96	--	--	--	--	--	--	--	--	3.74	--
03/31/97	--	--	--	--	--	--	--	--	3.11	3.21
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-7										
03/27/95	--	--	--	--	--	--	--	--	8.40	--
09/28/95	--	--	--	--	--	--	--	--	2.04	--
03/27/96	--	--	--	--	--	--	--	--	5.23	6.63

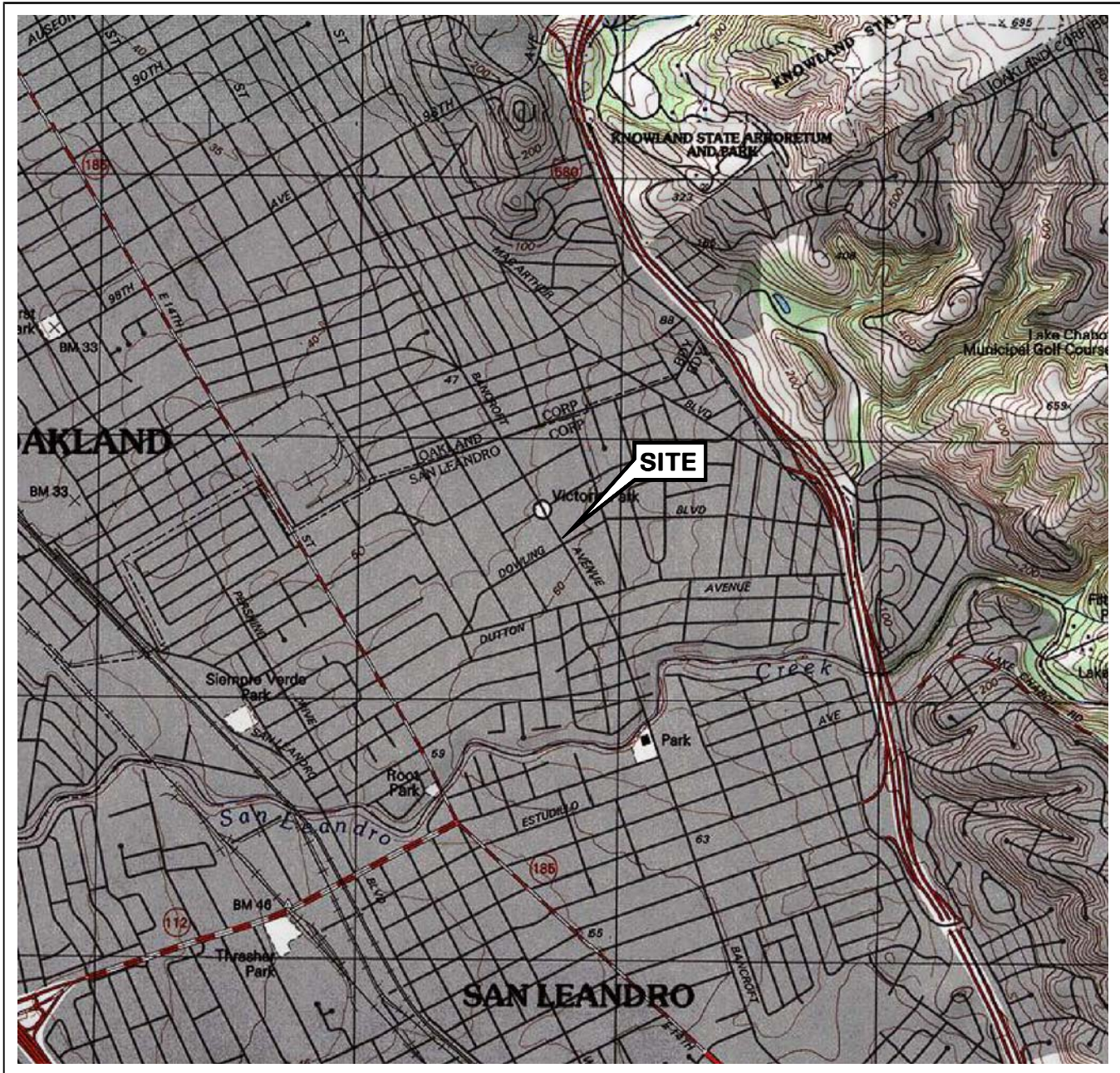
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5367

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (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)
MW-7 continued										
09/21/96	--	--	--	--	--	--	--	--	1.19	--
03/31/97	--	--	--	--	--	--	--	--	2.16	2.29
03/16/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--
MW-8										
03/27/95	--	--	--	--	--	--	--	490	2.20	--
06/26/95	--	--	--	--	--	--	--	--	3.86	--
09/28/95	--	--	--	--	--	--	--	--	1.85	--
12/29/95	--	--	--	--	--	--	--	--	2.03	--
03/27/96	--	--	--	--	--	--	--	--	9.76	11.73
09/21/96	--	--	--	--	--	--	--	--	2.16	--
03/31/97	--	--	--	--	--	--	--	--	2.91	2.81
09/27/97	--	--	--	--	--	--	--	--	--	3.11
03/20/98	--	--	--	--	--	--	--	--	2.65	--
MW-9										
03/27/95	--	--	--	--	--	--	--	--	7.8	--
06/26/95	--	--	--	--	--	--	--	--	4.61	--
09/28/95	--	--	--	--	--	--	--	--	5.76	--
12/29/95	--	--	--	--	--	--	--	--	5.32	--
03/27/96	--	--	--	--	--	--	--	--	5.23	5.62
09/21/96	--	--	--	--	--	--	--	--	4.13	--
03/31/97	--	--	--	--	--	--	--	--	3.27	3.36
MW-10										
12/29/95	--	--	--	--	--	--	--	--	5.11	--
03/27/96	--	--	--	--	--	--	--	--	4.57	4.38

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5367

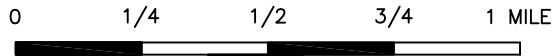
Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	TDS (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-10 continued										
09/21/96	--	--	--	--	--	--	--	--	5.38	--
03/31/97	--	--	--	--	--	--	--	--	4.83	4.48

FIGURES



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
San Leandro Quadrangle



SCALE 1:24,000



QUADRANGLE
LOCATION




FACILITY:


76 STATION 5367
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA


VICINITY MAP

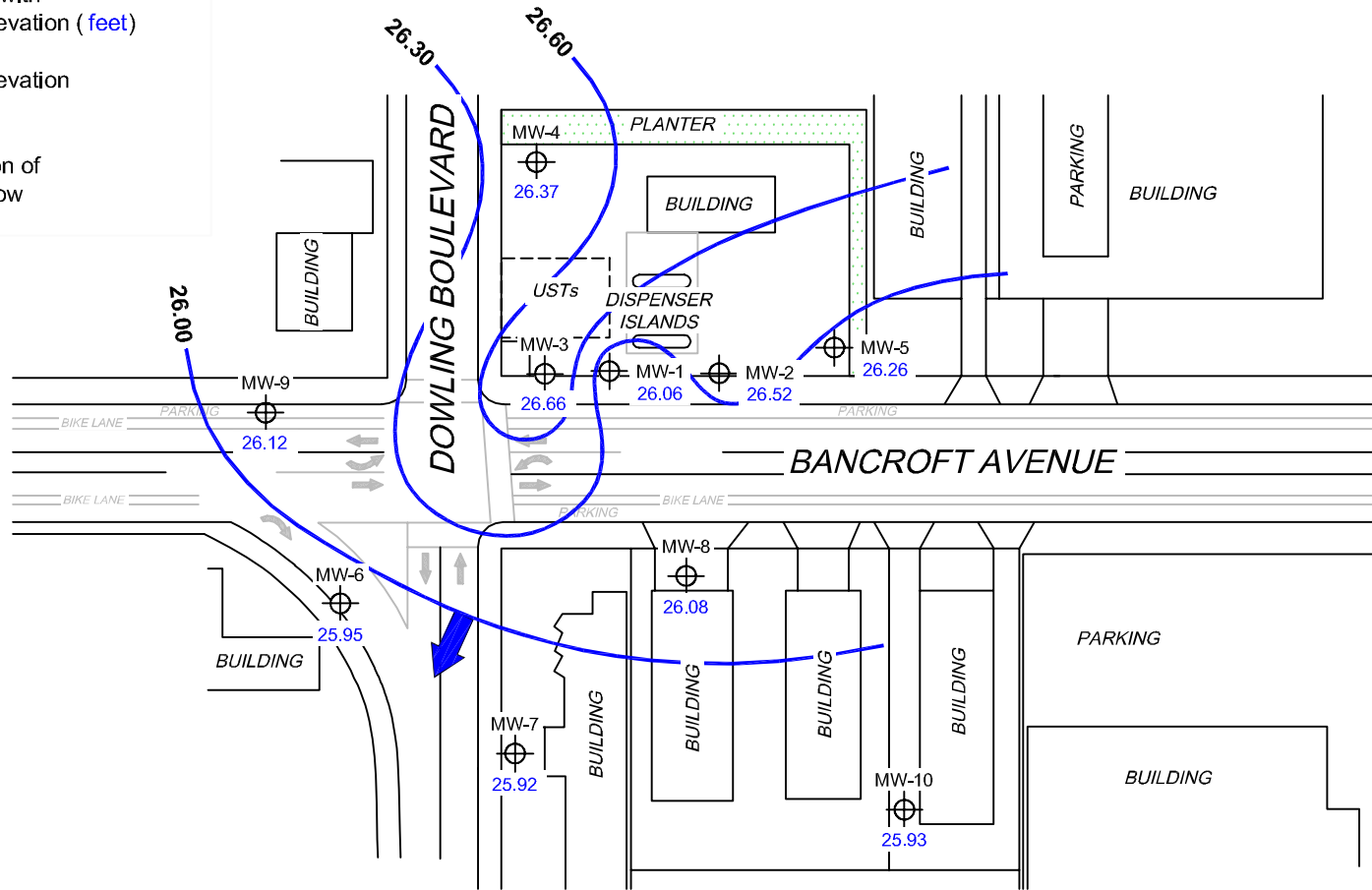
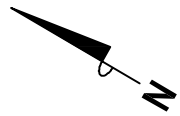
FIGURE 1

LEGEND

MW-10  Monitoring Well with Groundwater Elevation (feet)

26.60  Groundwater Elevation Contour

 General Direction of Groundwater Flow



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.


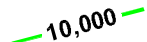


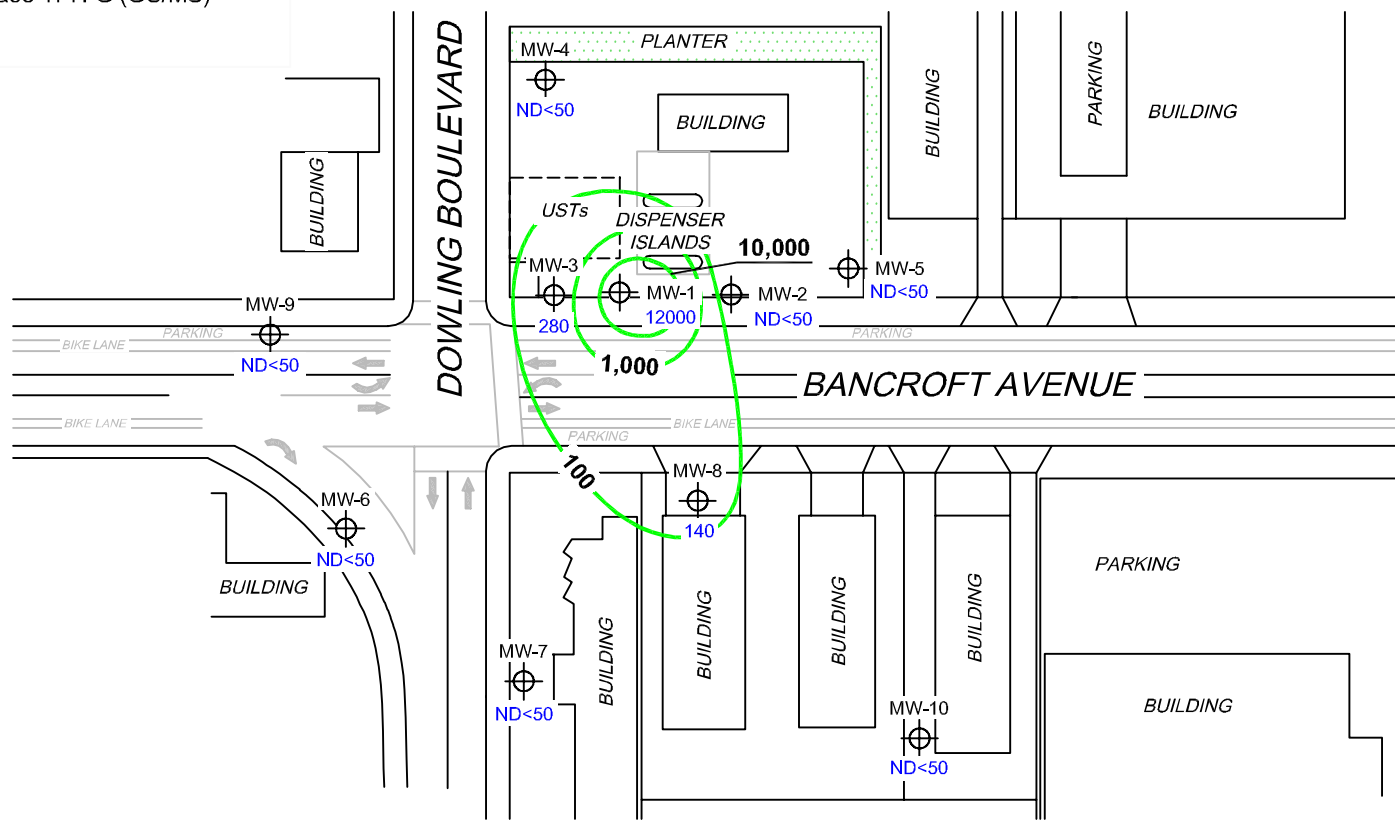
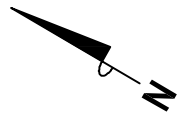
PROJECT: 165521
 FACILITY:
 76 STATION 5367
 500 BANCROFT AVENUE
 SAN LEANDRO, CALIFORNIA

**GROUNDWATER ELEVATION
 CONTOUR MAP
 September 1, 2009**

FIGURE 2

LEGEND

- MW-10  Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration ($\mu\text{g/l}$)
-  10,000 Dissolved-Phase TPH-G (GC/MS) Contour ($\mu\text{g/l}$)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B. $\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.





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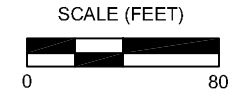
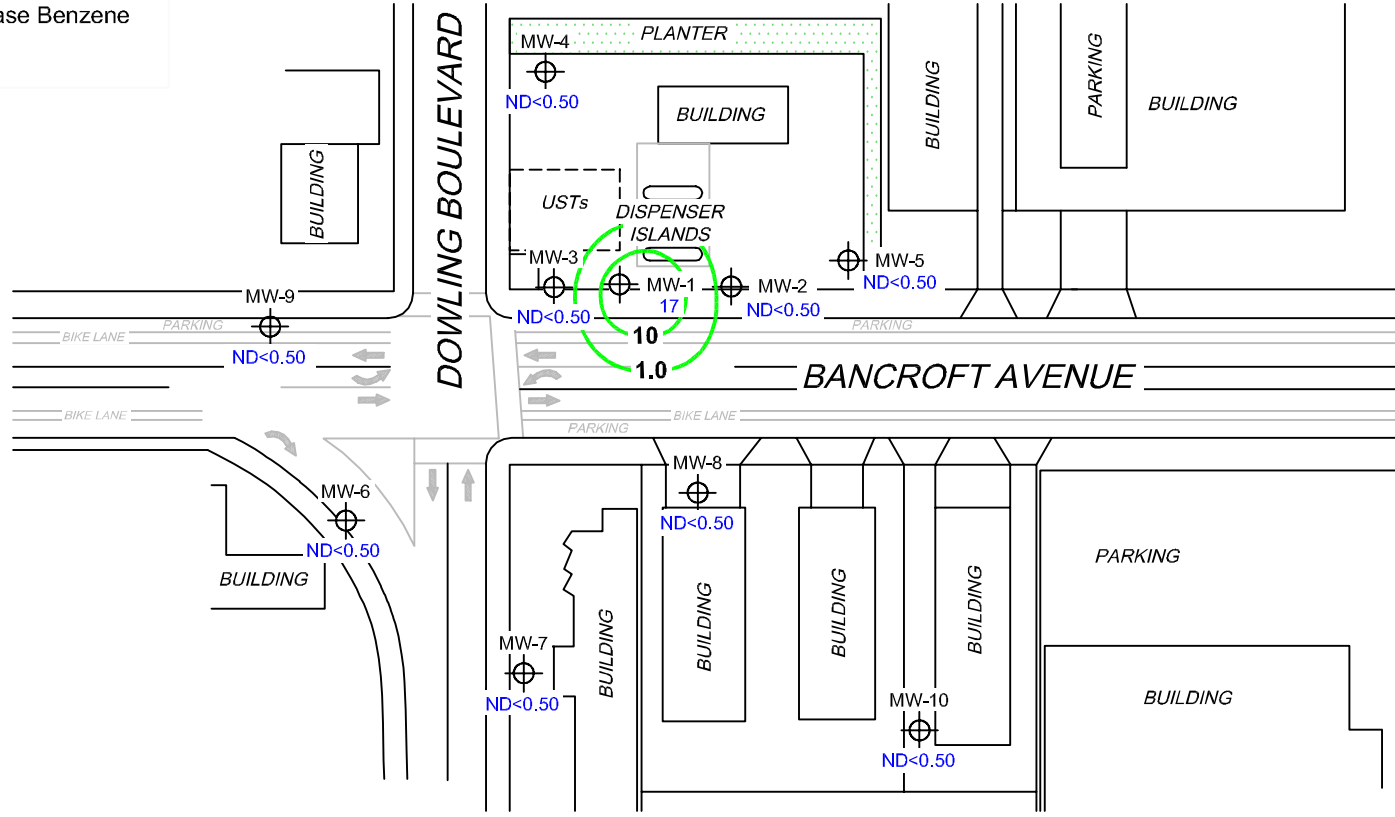
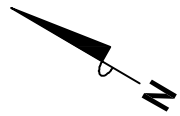
**DISSOLVED-PHASE TPH-G (GC/MS)
 CONCENTRATION MAP
 September 1, 2009**

FIGURE 3

LEGEND

MW-10  Monitoring Well with Dissolved-Phase Benzene Concentration ($\mu\text{g/l}$)

 10 Dissolved-Phase Benzene Contour ($\mu\text{g/l}$)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
 $\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.




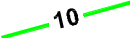
PROJECT: 165521
 FACILITY:
 76 STATION 5367
 500 BANCROFT AVENUE
 SAN LEANDRO, CALIFORNIA

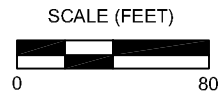
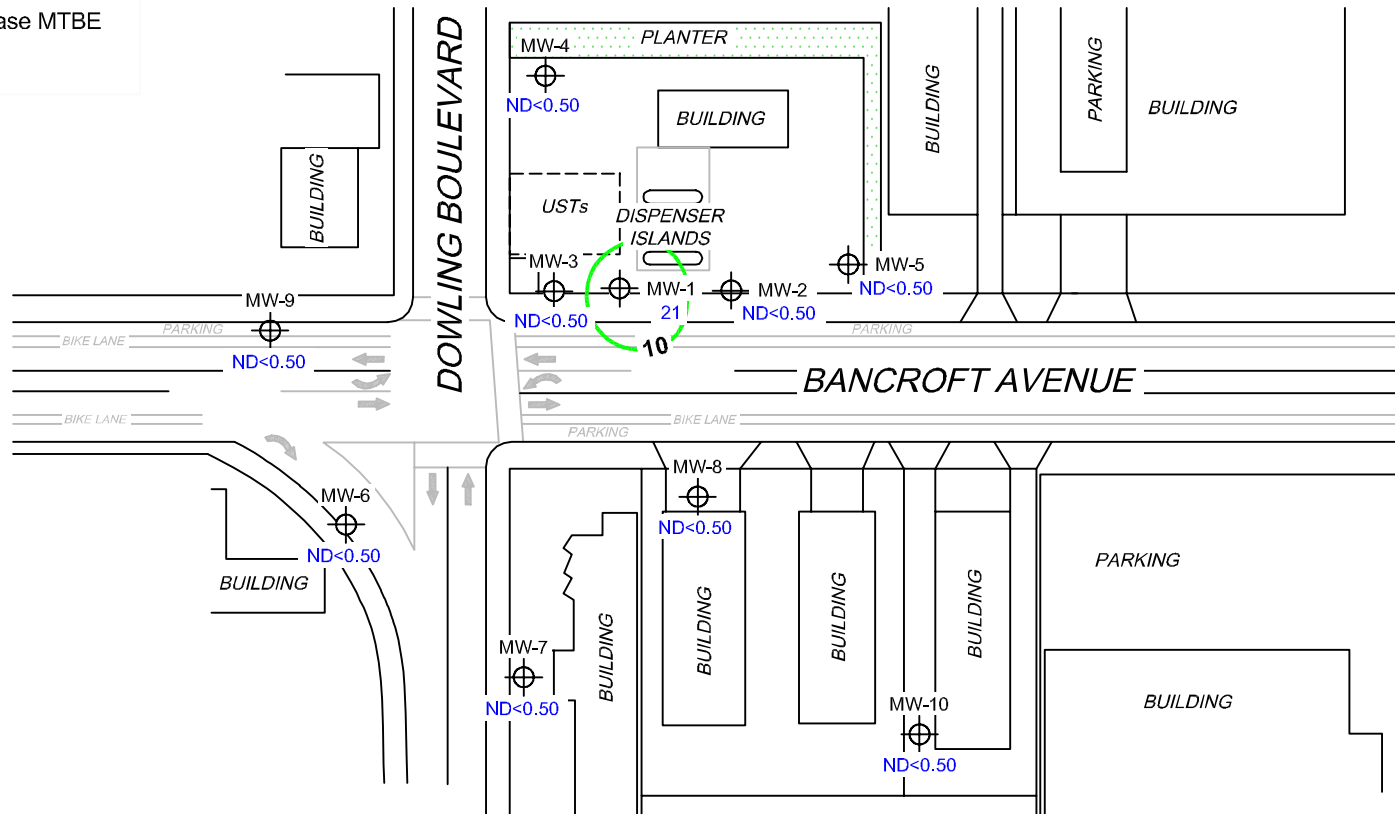
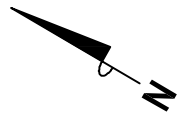
**DISSOLVED-PHASE BENZENE
 CONCENTRATION MAP
 September 1, 2009**

FIGURE 4

LEGEND

MW-10  Monitoring Well with Dissolved-Phase MTBE Concentration ($\mu\text{g/l}$)

 10 Dissolved-Phase MTBE Contour ($\mu\text{g/l}$)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. $\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B.



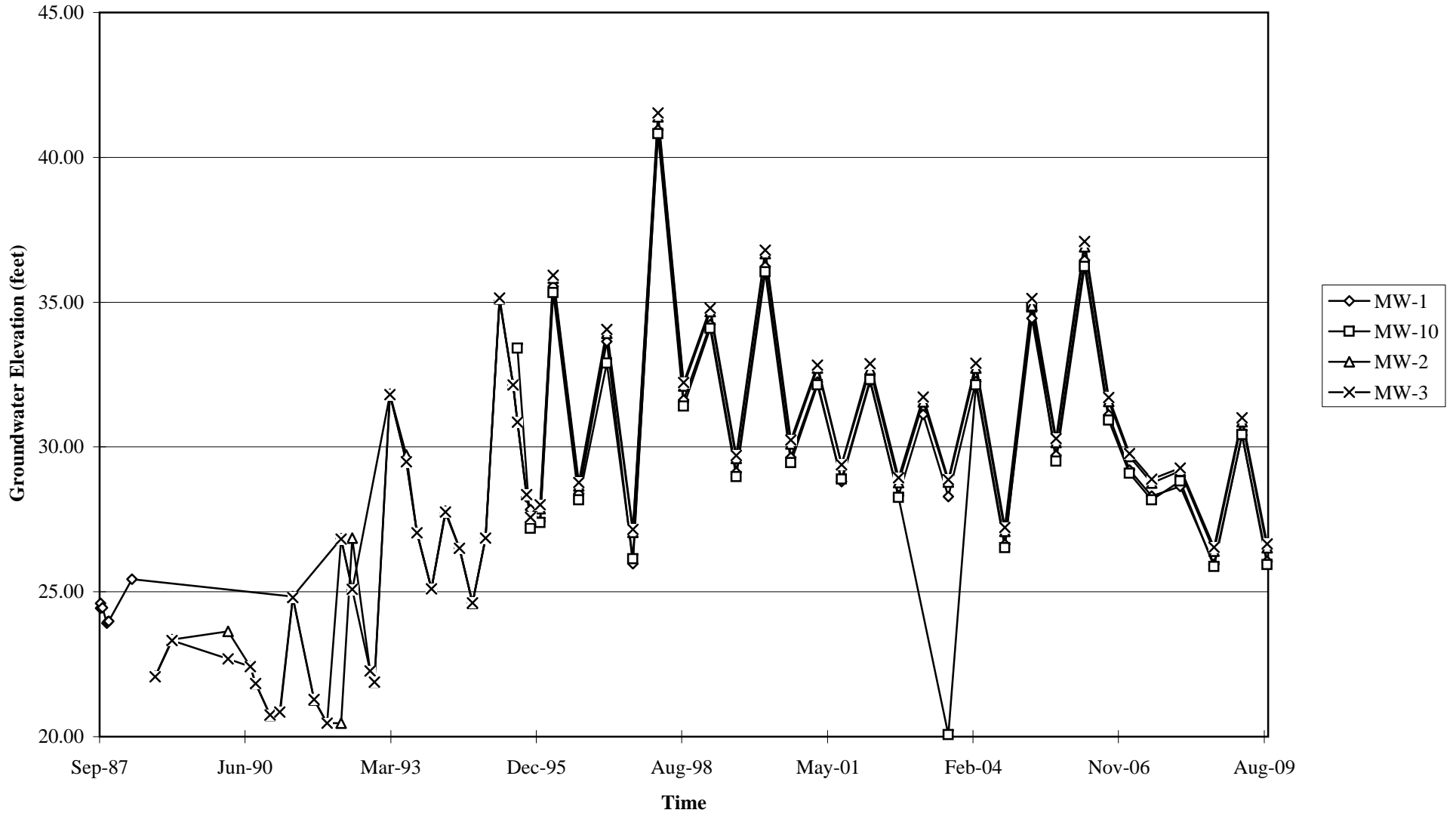
PROJECT: 165521
 FACILITY:
 76 STATION 5367
 500 BANCROFT AVENUE
 SAN LEANDRO, CALIFORNIA

**DISSOLVED-PHASE MTBE
 CONCENTRATION MAP
 September 1, 2009**

FIGURE 5

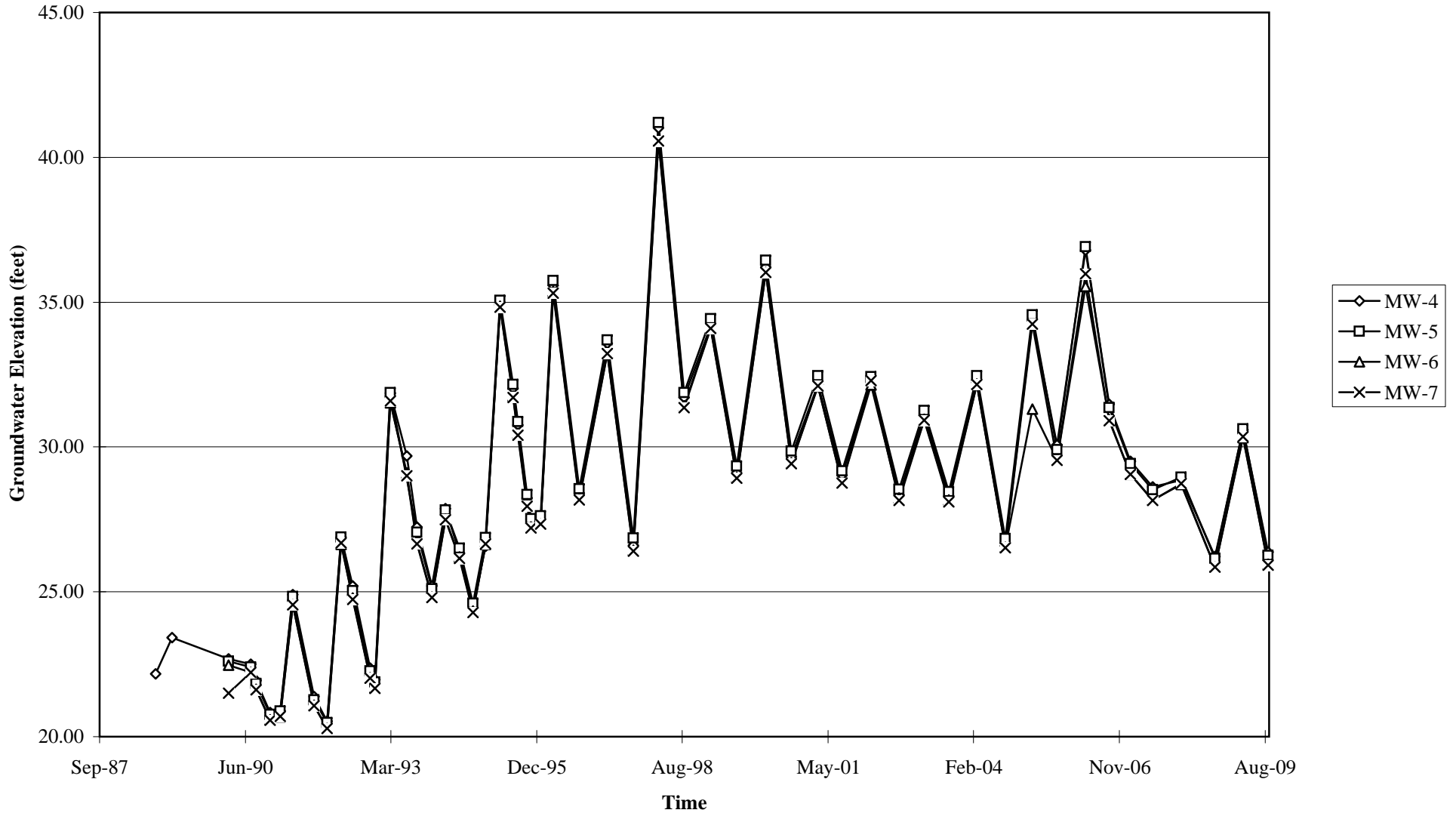
GRAPHS

Groundwater Elevations vs. Time
76 Station 5367



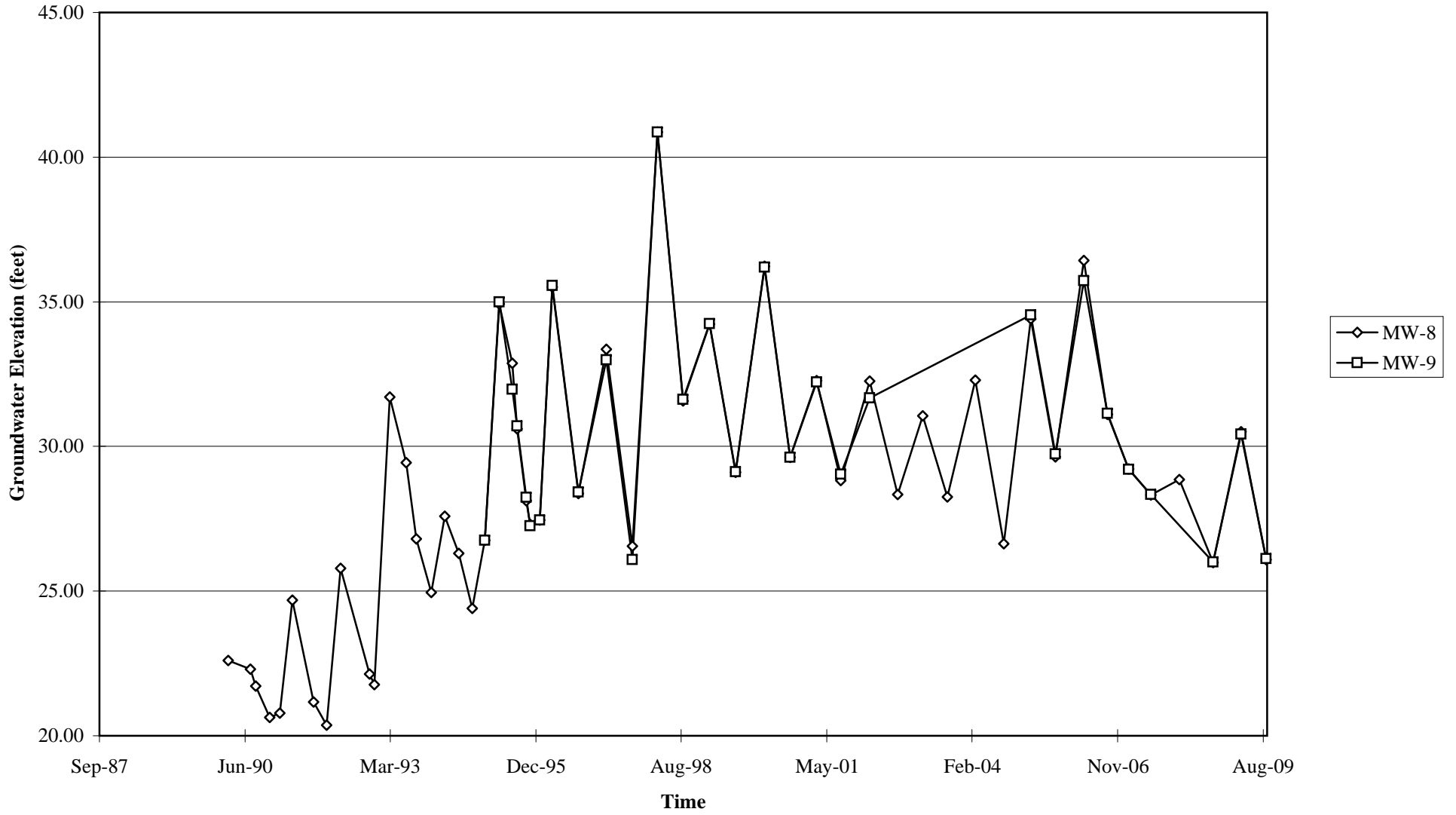
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 5367



Elevations may have been corrected for apparent changes due to resurvey

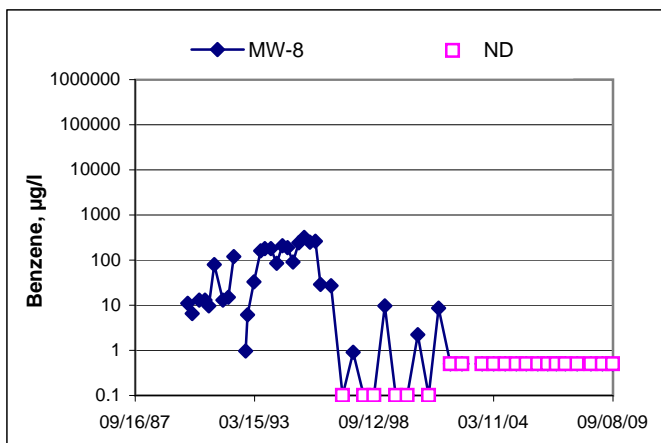
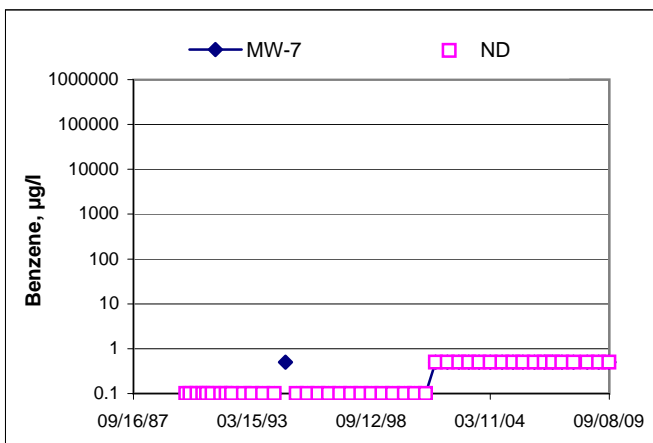
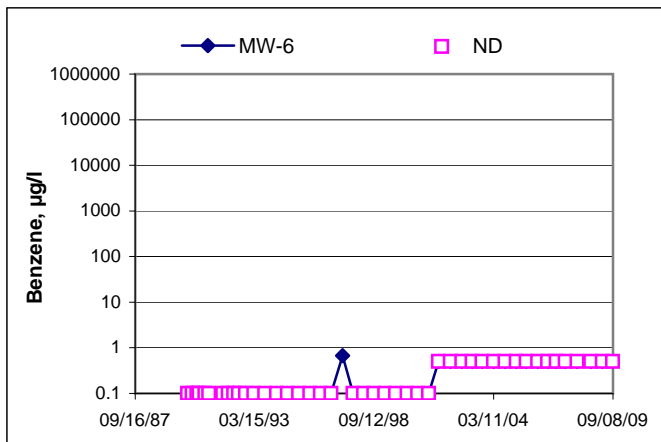
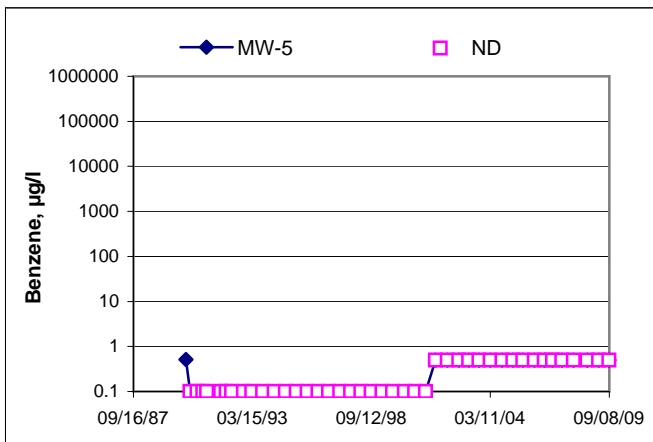
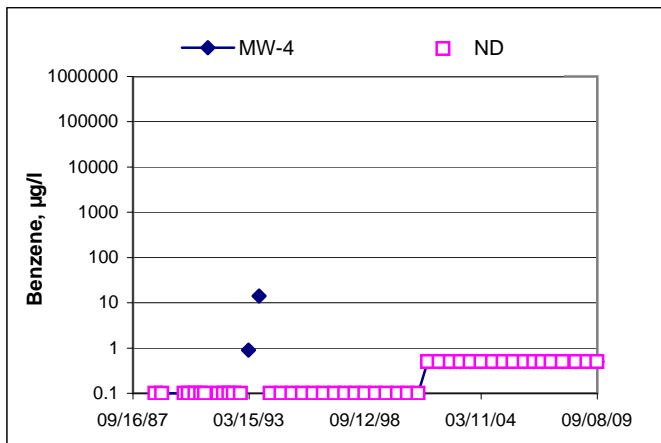
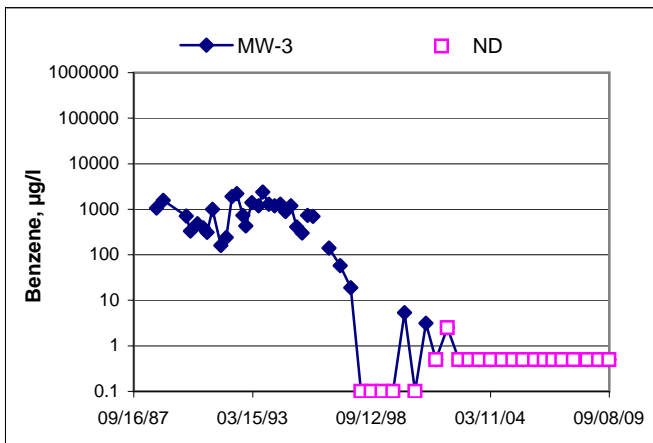
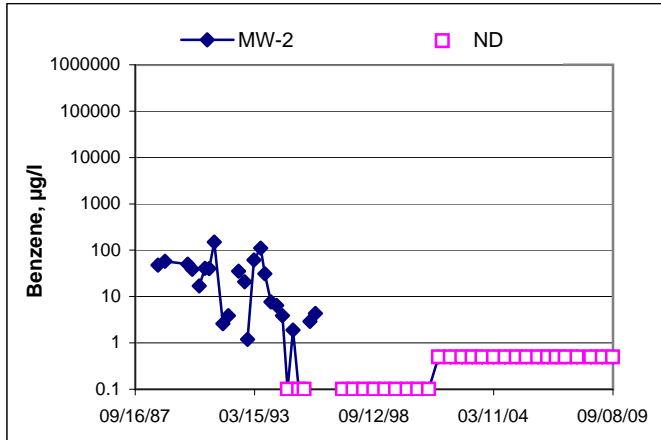
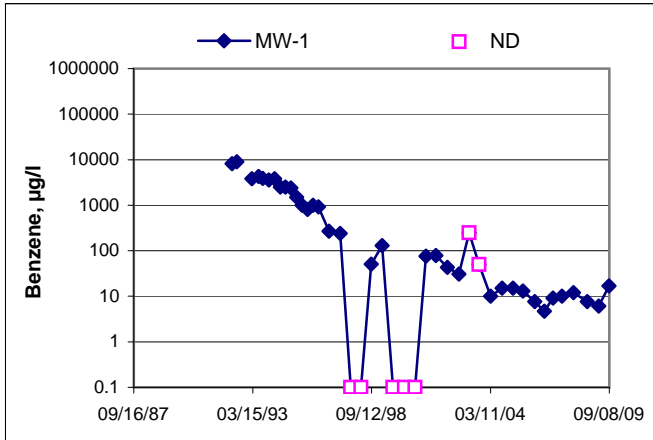
Groundwater Elevations vs. Time
76 Station 5367



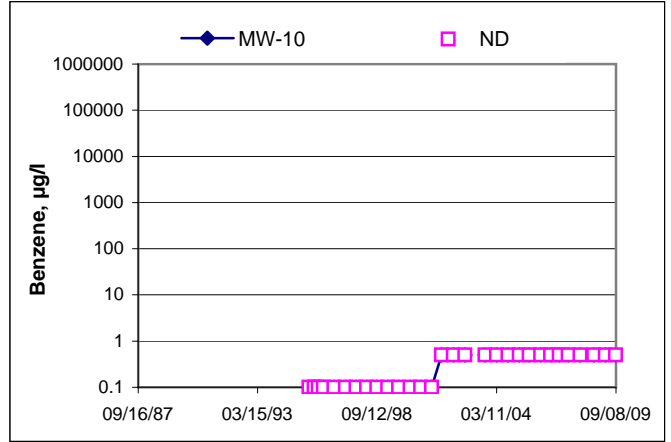
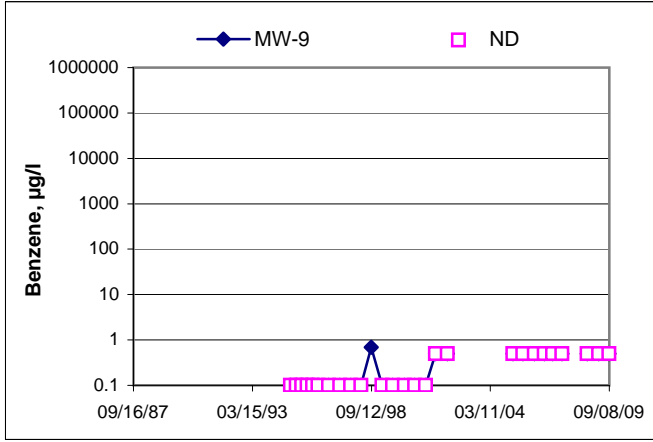
Elevations may have been corrected for apparent changes due to resurvey

Benzene Concentrations vs Time

76 Station 5367



Benzene Concentrations vs Time 76 Station 5367



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted is specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging, and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5367

Project No.: 165521

Date: 09-01-09

Well No. MW-4

Purge Method: Sub

Depth to Water (feet): 31.92

Depth to Product (feet):

Total Depth (feet): 48.10

LPH & Water Recovered (gallons):

Water Column (feet): 16.18

Casing Diameter (Inches): 4" or 4"

80% Recharge Depth(feet): 35.15

1 Well Volume (gallons): 11

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
<u>0809</u>			<u>11</u>	<u>573.8</u>	<u>18.6</u>	<u>7.99</u>			
			<u>22</u>	<u>574.9</u>	<u>18.3</u>	<u>7.56</u>			
	<u>0819</u>		<u>33</u>	<u>574.3</u>	<u>18.3</u>	<u>7.50</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>32.07</u>			<u>33</u>			<u>0824</u>			
Comments:									

Well No. MW-3

Purge Method: Sub

Depth to Water (feet): 31.26

Depth to Product (feet):

Total Depth (feet): 47.95

LPH & Water Recovered (gallons):

Water Column (feet): 16.69

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 34.59

1 Well Volume (gallons): 12

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F (C))	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
<u>0837</u>			<u>12</u>	<u>562.1</u>	<u>18.7</u>	<u>7.67</u>			
			<u>24</u>	<u>582.5</u>	<u>18.9</u>	<u>7.49</u>			
	<u>0847</u>		<u>36</u>	<u>591.2</u>	<u>18.9</u>	<u>7.35</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>31.80</u>			<u>36</u>			<u>0853</u>			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5367

Project No.: 165521

Date: 09-01-09

Well No. MW-2

Purge Method: SUB

Depth to Water (feet): 31.61

Depth to Product (feet):

Total Depth (feet) 46.69

LPH & Water Recovered (gallons):

Water Column (feet): 15.08

Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 34.62

1 Well Volume (gallons): 11

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F) (C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
<u>0903</u>			<u>11</u>	<u>568.1</u>	<u>18.9</u>	<u>7.52</u>			
			<u>22</u>	<u>569.0</u>	<u>18.9</u>	<u>7.27</u>			
	<u>0912</u>		<u>33</u>	<u>569.5</u>	<u>19.6</u>	<u>7.19</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>31.92</u>			<u>33</u>			<u>0918</u>			
Comments:									

Well No. MW-5

Purge Method: SUB

Depth to Water (feet): 32.24

Depth to Product (feet):

Total Depth (feet) 44.28

LPH & Water Recovered (gallons):

Water Column (feet): 12.04

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 34.64

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F) (C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
<u>0930</u>			<u>3</u>	<u>579.7</u>	<u>18.5</u>	<u>7.39</u>			
			<u>6</u>	<u>581.1</u>	<u>18.5</u>	<u>7.01</u>			
	<u>0933</u>		<u>9</u>	<u>577.9</u>	<u>18.6</u>	<u>6.98</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>32.34</u>			<u>9</u>			<u>0939</u>			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5367

Project No.: 165521

Date: 09-01-09

Well No. MW-9

Purge Method: SUB

Depth to Water (feet): 30.25

Depth to Product (feet):

Total Depth (feet): 44.57

LPH & Water Recovered (gallons):

Water Column (feet): 14.32

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 33.11

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F. ©)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
<u>1015</u>			<u>3</u>	<u>532.4</u>	<u>19.6</u>	<u>7.38</u>			
			<u>6</u>	<u>536.7</u>	<u>19.0</u>	<u>7.19</u>			
	<u>1018</u>		<u>9</u>	<u>538.8</u>	<u>18.9</u>	<u>7.13</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>30.40</u>			<u>9</u>			<u>1023</u>			
Comments:									

Well No. MW-6

Purge Method: SUB

Depth to Water (feet): 31.01

Depth to Product (feet):

Total Depth (feet): 44.32

LPH & Water Recovered (gallons):

Water Column (feet): 13.31

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 33.67

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F. ©)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
<u>1036</u>			<u>3</u>	<u>519.8</u>	<u>19.9</u>	<u>7.48</u>			
			<u>6</u>	<u>522.3</u>	<u>19.7</u>	<u>7.21</u>			
	<u>1040</u>		<u>9</u>	<u>522.0</u>	<u>19.9</u>	<u>7.08</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>31.04</u>			<u>9</u>			<u>1044</u>			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5367

Project No.: 16554

Date: 09-01-09

Well No. MW-7

Purge Method: SUB

Depth to Water (feet): 31.33

Depth to Product (feet):

Total Depth (feet): 42.33

LPH & Water Recovered (gallons):

Water Column (feet): 11.00

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 33.53

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F/C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
<u>1056</u>			<u>2</u>	<u>541.5</u>	<u>22.5</u>	<u>7.30</u>			
			<u>4</u>	<u>545.2</u>	<u>21.0</u>	<u>7.11</u>			
	<u>1058</u>		<u>6</u>	<u>548.6</u>	<u>20.7</u>	<u>6.84</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>31.40</u>			<u>6</u>			<u>1105</u>			
Comments:									

Well No. MW-8

Purge Method: SUB

Depth to Water (feet): 31.63

Depth to Product (feet):

Total Depth (feet): 43.48

LPH & Water Recovered (gallons):

Water Column (feet): 12.35

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 34.10

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F/C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
<u>1116</u>			<u>3</u>	<u>617.9</u>	<u>22.7</u>	<u>7.40</u>			
			<u>6</u>	<u>628.8</u>	<u>20.8</u>	<u>7.22</u>			
	<u>1120</u>		<u>9</u>	<u>622.9</u>	<u>20.5</u>	<u>7.00</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>31.68</u>			<u>9</u>			<u>1127</u>			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 5367

Project No.: 165521

Date: 09-01-09

Well No. MW-10

Purge Method: HB

Depth to Water (feet): 33.01

Depth to Product (feet):

Total Depth (feet): 42.25

LPH & Water Recovered (gallons):

Water Column (feet): 9.24

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 34.85

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F) (C)	pH	D.O. (mg/L)	ORP	Turbidity	
Pre-Purge										
<u>1142</u>			<u>2</u>	<u>484.0</u>	<u>21.8</u>	<u>7.71</u>				
			<u>4</u>	<u>491.5</u>	<u>21.1</u>	<u>7.53</u>				
	<u>1153</u>		<u>6</u>	<u>490.0</u>	<u>20.03</u>	<u>7.47</u>				
		Static at Time Sampled		Total Gallons Purged			Sample Time			
		<u>33.03</u>		<u>6</u>			<u>1155</u>			
Comments:										

Well No. MW-1

Purge Method: HB

Depth to Water (feet): 31.77

Depth to Product (feet):

Total Depth (feet): 35.15

LPH & Water Recovered (gallons):

Water Column (feet): 3.38

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 32.44

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F) (C)	pH	D.O. (mg/L)	ORP	Turbidity	
Pre-Purge										
<u>0949</u>			<u>1</u>	<u>817.8</u>	<u>19.0</u>	<u>6.87</u>				
			<u>2</u>	<u>819.7</u>	<u>18.9</u>	<u>6.63</u>				
	<u>0956</u>		<u>3</u>	<u>819.2</u>	<u>19.0</u>	<u>6.49</u>				
		Static at Time Sampled		Total Gallons Purged			Sample Time			
		<u>31.84</u>		<u>3</u>			<u>0959</u>			
Comments:										



Laboratories, Inc.

Environmental Testing Laboratory Since 1949



Date of Report: 09/08/2009

Anju Farfan

TRC

21 Technology Drive
Irvine, CA 92618

RE: 5367
BC Work Order: 0911511
Invoice ID: B067637

Enclosed are the results of analyses for samples received by the laboratory on 9/1/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature



TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:
0911511-01	COC Number:	---		09/01/2009 21:30	09/01/2009 08:24	---	Water	Global ID: T0600101479
	Project Number:	5367						Location ID (FieldPoint): MW-4
	Sampling Location:	---						Matrix: W
	Sampling Point:	MW-4						Sample QC Type (SACode): CS
	Sampled By:	TRCI						Cooler ID:
0911511-02	COC Number:	---		09/01/2009 21:30	09/01/2009 08:53	---	Water	Global ID: T0600101479
	Project Number:	5367						Location ID (FieldPoint): MW-3
	Sampling Location:	---						Matrix: W
	Sampling Point:	MW-3						Sample QC Type (SACode): CS
	Sampled By:	TRCI						Cooler ID:
0911511-03	COC Number:	---		09/01/2009 21:30	09/01/2009 09:18	---	Water	Global ID: T0600101479
	Project Number:	5367						Location ID (FieldPoint): MW-2
	Sampling Location:	---						Matrix: W
	Sampling Point:	MW-2						Sample QC Type (SACode): CS
	Sampled By:	TRCI						Cooler ID:
0911511-04	COC Number:	---		09/01/2009 21:30	09/01/2009 09:39	---	Water	Global ID: T0600101479
	Project Number:	5367						Location ID (FieldPoint): MW-5
	Sampling Location:	---						Matrix: W
	Sampling Point:	MW-5						Sample QC Type (SACode): CS
	Sampled By:	TRCI						Cooler ID:



TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			Receive Date:	Sampling Date:	Sample Depth:	Sample Matrix:	Delivery Work Order:
0911511-05	COC Number:	---		09/01/2009 21:30	09/01/2009 10:23	---	Water	Global ID: T0600101479
	Project Number:	5367						Location ID (FieldPoint): MW-9
	Sampling Location:	---						Matrix: W
	Sampling Point:	MW-9						Sample QC Type (SACode): CS
	Sampled By:	TRCI						Cooler ID:
0911511-06	COC Number:	---		09/01/2009 21:30	09/01/2009 10:44	---	Water	Global ID: T0600101479
	Project Number:	5367						Location ID (FieldPoint): MW-6
	Sampling Location:	---						Matrix: W
	Sampling Point:	MW-6						Sample QC Type (SACode): CS
	Sampled By:	TRCI						Cooler ID:
0911511-07	COC Number:	---		09/01/2009 21:30	09/01/2009 11:05	---	Water	Global ID: T0600101479
	Project Number:	5367						Location ID (FieldPoint): MW-7
	Sampling Location:	---						Matrix: W
	Sampling Point:	MW-7						Sample QC Type (SACode): CS
	Sampled By:	TRCI						Cooler ID:
0911511-08	COC Number:	---		09/01/2009 21:30	09/01/2009 11:27	---	Water	Global ID: T0600101479
	Project Number:	5367						Location ID (FieldPoint): MW-8
	Sampling Location:	---						Matrix: W
	Sampling Point:	MW-8						Sample QC Type (SACode): CS
	Sampled By:	TRCI						Cooler ID:



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21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0911511-09	COC Number:	---		Receive Date:	09/01/2009 21:30	Delivery Work Order:
	Project Number:	5367		Sampling Date:	09/01/2009 11:55	Global ID: T0600101479
	Sampling Location:	---		Sample Depth:	---	Location ID (FieldPoint): MW-10
	Sampling Point:	MW-10		Sample Matrix:	Water	Matrix: W
	Sampled By:	TRCI				Sample QC Type (SACode): CS
						Cooler ID:
0911511-10	COC Number:	---		Receive Date:	09/01/2009 21:30	Delivery Work Order:
	Project Number:	5367		Sampling Date:	09/01/2009 09:59	Global ID: T0600101479
	Sampling Location:	---		Sample Depth:	---	Location ID (FieldPoint): MW-1
	Sampling Point:	MW-1		Sample Matrix:	Water	Matrix: W
	Sampled By:	TRCI				Sample QC Type (SACode): CS
						Cooler ID:

TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0911511-01		Client Sample Name:	5367, MW-4, 9/1/2009 8:24:00AM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 15:35	KEA	MS-V12	1	BSI0171	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 15:35	KEA	MS-V12	1	BSI0171	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 15:35	KEA	MS-V12	1	BSI0171	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 15:35	KEA	MS-V12	1	BSI0171	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/03/09	09/03/09 15:35	KEA	MS-V12	1	BSI0171	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	09/03/09	09/03/09 15:35	KEA	MS-V12	1	BSI0171	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 15:35	KEA	MS-V12	1	BSI0171		
Toluene-d8 (Surrogate)	96.9	%	88 - 110 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 15:35	KEA	MS-V12	1	BSI0171		
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 15:35	KEA	MS-V12	1	BSI0171		

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Project: 5367
Project Number: 4510943410
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Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0911511-02		Client Sample Name:	5367, MW-3, 9/1/2009 8:53:00AM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 15:16	KEA	MS-V12	1	BSI0171	ND	
Ethylbenzene	0.98	ug/L	0.50		EPA-8260	09/03/09	09/03/09 15:16	KEA	MS-V12	1	BSI0171	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 15:16	KEA	MS-V12	1	BSI0171	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 15:16	KEA	MS-V12	1	BSI0171	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/03/09	09/03/09 15:16	KEA	MS-V12	1	BSI0171	ND	
Total Purgeable Petroleum Hydrocarbons	280	ug/L	50		Luft-GC/MS	09/03/09	09/03/09 15:16	KEA	MS-V12	1	BSI0171	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 15:16	KEA	MS-V12	1	BSI0171		
Toluene-d8 (Surrogate)	97.0	%	88 - 110 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 15:16	KEA	MS-V12	1	BSI0171		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 15:16	KEA	MS-V12	1	BSI0171		



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Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0911511-03		Client Sample Name:	5367, MW-2, 9/1/2009 9:18:00AM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:58	KEA	MS-V12	1	BSI0171	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:58	KEA	MS-V12	1	BSI0171	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:58	KEA	MS-V12	1	BSI0171	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:58	KEA	MS-V12	1	BSI0171	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/03/09	09/03/09 14:58	KEA	MS-V12	1	BSI0171	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/M S	09/03/09	09/03/09 14:58	KEA	MS-V12	1	BSI0171	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:58	KEA	MS-V12	1	BSI0171		
Toluene-d8 (Surrogate)	99.1	%	88 - 110 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:58	KEA	MS-V12	1	BSI0171		
4-Bromofluorobenzene (Surrogate)	94.3	%	86 - 115 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:58	KEA	MS-V12	1	BSI0171		

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Project: 5367
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Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0911511-04	Client Sample Name:	5367, MW-5, 9/1/2009 9:39:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:40	KEA	MS-V12	1	BSI0171	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:40	KEA	MS-V12	1	BSI0171	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:40	KEA	MS-V12	1	BSI0171	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:40	KEA	MS-V12	1	BSI0171	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/03/09	09/03/09 14:40	KEA	MS-V12	1	BSI0171	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/M S	09/03/09	09/03/09 14:40	KEA	MS-V12	1	BSI0171	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:40	KEA	MS-V12	1	BSI0171		
Toluene-d8 (Surrogate)	95.8	%	88 - 110 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:40	KEA	MS-V12	1	BSI0171		
4-Bromofluorobenzene (Surrogate)	97.6	%	86 - 115 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:40	KEA	MS-V12	1	BSI0171		



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Irvine, CA 92618

Project: 5367
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Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0911511-05		Client Sample Name: 5367, MW-9, 9/1/2009 10:23:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:21	KEA	MS-V12	1	BSI0171	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:21	KEA	MS-V12	1	BSI0171	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:21	KEA	MS-V12	1	BSI0171	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:21	KEA	MS-V12	1	BSI0171	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/03/09	09/03/09 14:21	KEA	MS-V12	1	BSI0171	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/M S	09/03/09	09/03/09 14:21	KEA	MS-V12	1	BSI0171	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:21	KEA	MS-V12	1	BSI0171		
Toluene-d8 (Surrogate)	96.6	%	88 - 110 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:21	KEA	MS-V12	1	BSI0171		
4-Bromofluorobenzene (Surrogate)	97.4	%	86 - 115 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:21	KEA	MS-V12	1	BSI0171		

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Irvine, CA 92618

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Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0911511-06		Client Sample Name:	5367, MW-6, 9/1/2009 10:44:00AM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:03	KEA	MS-V12	1	BSI0171	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:03	KEA	MS-V12	1	BSI0171	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:03	KEA	MS-V12	1	BSI0171	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 14:03	KEA	MS-V12	1	BSI0171	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/03/09	09/03/09 14:03	KEA	MS-V12	1	BSI0171	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/M S	09/03/09	09/03/09 14:03	KEA	MS-V12	1	BSI0171	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.9	%	76 - 114 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:03	KEA	MS-V12	1	BSI0171		
Toluene-d8 (Surrogate)	97.5	%	88 - 110 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:03	KEA	MS-V12	1	BSI0171		
4-Bromofluorobenzene (Surrogate)	98.4	%	86 - 115 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 14:03	KEA	MS-V12	1	BSI0171		



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Irvine, CA 92618

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Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0911511-07	Client Sample Name:	5367, MW-7, 9/1/2009 11:05:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:45	KEA	MS-V12	1	BSI0171	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:45	KEA	MS-V12	1	BSI0171	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:45	KEA	MS-V12	1	BSI0171	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:45	KEA	MS-V12	1	BSI0171	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/03/09	09/03/09 13:45	KEA	MS-V12	1	BSI0171	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/M S	09/03/09	09/03/09 13:45	KEA	MS-V12	1	BSI0171	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 13:45	KEA	MS-V12	1	BSI0171		
Toluene-d8 (Surrogate)	94.2	%	88 - 110 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 13:45	KEA	MS-V12	1	BSI0171		
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 13:45	KEA	MS-V12	1	BSI0171		



TRC
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Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0911511-08	Client Sample Name:	5367, MW-8, 9/1/2009 11:27:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:26	KEA	MS-V12	1	BSI0171	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:26	KEA	MS-V12	1	BSI0171	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:26	KEA	MS-V12	1	BSI0171	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:26	KEA	MS-V12	1	BSI0171	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/03/09	09/03/09 13:26	KEA	MS-V12	1	BSI0171	ND	
Total Purgeable Petroleum Hydrocarbons	140	ug/L	50		Luft-GC/MS	09/03/09	09/03/09 13:26	KEA	MS-V12	1	BSI0171	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 13:26	KEA	MS-V12	1	BSI0171		
Toluene-d8 (Surrogate)	92.8	%	88 - 110 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 13:26	KEA	MS-V12	1	BSI0171		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 13:26	KEA	MS-V12	1	BSI0171		



TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0911511-09												
Client Sample Name:	5367, MW-10, 9/1/2009 11:55:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:08	KEA	MS-V12	1	BSI0171	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:08	KEA	MS-V12	1	BSI0171	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:08	KEA	MS-V12	1	BSI0171	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/03/09	09/03/09 13:08	KEA	MS-V12	1	BSI0171	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/03/09	09/03/09 13:08	KEA	MS-V12	1	BSI0171	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/M S	09/03/09	09/03/09 13:08	KEA	MS-V12	1	BSI0171	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 13:08	KEA	MS-V12	1	BSI0171		
Toluene-d8 (Surrogate)	93.1	%	88 - 110 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 13:08	KEA	MS-V12	1	BSI0171		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 13:08	KEA	MS-V12	1	BSI0171		



TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0911511-10	Client Sample Name:	5367, MW-1, 9/1/2009 9:59:00AM										
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	17	ug/L	5.0		EPA-8260	09/03/09	09/03/09 12:49	KEA	MS-V12	10	BSI0171	ND	A01
Ethylbenzene	590	ug/L	5.0		EPA-8260	09/03/09	09/03/09 12:49	KEA	MS-V12	10	BSI0171	ND	A01
Methyl t-butyl ether	21	ug/L	5.0		EPA-8260	09/03/09	09/03/09 12:49	KEA	MS-V12	10	BSI0171	ND	A01
Toluene	ND	ug/L	5.0		EPA-8260	09/03/09	09/03/09 12:49	KEA	MS-V12	10	BSI0171	ND	A01
Total Xylenes	16	ug/L	10		EPA-8260	09/03/09	09/03/09 12:49	KEA	MS-V12	10	BSI0171	ND	A01
Total Purgeable Petroleum Hydrocarbons	12000	ug/L	500		Luft-GC/M S	09/03/09	09/03/09 12:49	KEA	MS-V12	10	BSI0171	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	97.2	%	76 - 114 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 12:49	KEA	MS-V12	10	BSI0171		
Toluene-d8 (Surrogate)	95.5	%	88 - 110 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 12:49	KEA	MS-V12	10	BSI0171		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	09/03/09	09/03/09 12:49	KEA	MS-V12	10	BSI0171		



TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits		Lab Quals
										RPD	Percent Recovery	
Benzene	BSI0171	Matrix Spike	0911528-02	0	22.510	25.000	ug/L		90.0		70 - 130	
		Matrix Spike Duplicate	0911528-02	0	22.350	25.000	ug/L	0.7	89.4	20	70 - 130	
Toluene	BSI0171	Matrix Spike	0911528-02	0	23.890	25.000	ug/L		95.6		70 - 130	
		Matrix Spike Duplicate	0911528-02	0	23.410	25.000	ug/L	2.1	93.6	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSI0171	Matrix Spike	0911528-02	ND	10.150	10.000	ug/L		102		76 - 114	
		Matrix Spike Duplicate	0911528-02	ND	10.330	10.000	ug/L		103		76 - 114	
Toluene-d8 (Surrogate)	BSI0171	Matrix Spike	0911528-02	ND	10.220	10.000	ug/L		102		88 - 110	
		Matrix Spike Duplicate	0911528-02	ND	9.6800	10.000	ug/L		96.8		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSI0171	Matrix Spike	0911528-02	ND	9.2100	10.000	ug/L		92.1		86 - 115	
		Matrix Spike Duplicate	0911528-02	ND	9.7200	10.000	ug/L		97.2		86 - 115	



TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BSI0171	BSI0171-BS1	LCS	20.840	25.000	0.50	ug/L	83.4		70 - 130		
Toluene	BSI0171	BSI0171-BS1	LCS	21.910	25.000	0.50	ug/L	87.6		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSI0171	BSI0171-BS1	LCS	10.290	10.000		ug/L	103		76 - 114		
Toluene-d8 (Surrogate)	BSI0171	BSI0171-BS1	LCS	10.090	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSI0171	BSI0171-BS1	LCS	10.010	10.000		ug/L	100		86 - 115		



TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BSI0171	BSI0171-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSI0171	BSI0171-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSI0171	BSI0171-BLK1	ND	ug/L	0.50		
Toluene	BSI0171	BSI0171-BLK1	ND	ug/L	0.50		
Total Xylenes	BSI0171	BSI0171-BLK1	ND	ug/L	1.0		
Total Purgeable Petroleum Hydrocarbons	BSI0171	BSI0171-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSI0171	BSI0171-BLK1	105	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSI0171	BSI0171-BLK1	95.8	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSI0171	BSI0171-BLK1	92.0	%	86 - 115 (LCL - UCL)		



TRC
21 Technology Drive
Irvine, CA 92618

Project: 5367
Project Number: 4510943410
Project Manager: Anju Farfan

Reported: 09/08/2009 10:29

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.

Submission #: 01-11511

SHIPPING INFORMATION

Federal Express UPS Hand Delivery
 BC Lab Field Service Other (Specify) _____

SHIPPING CONTAINER

Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments:

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

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: QAA Thermometer ID: IN080
 Temperature: A 0.4 °C / C 0.4 °C

Date/Time 9/1/09 2140
 Analyst Init JRW

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	A	3	A	3	A	3	A	3	A	3
40ml VOA VIAL	A	3	A	3	A	3	A	3	A	3
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										

Comments: _____
 Sample Numbering Completed By: AMB Date/Time: 9/2/09-1000
 A = Actual / C = Corrected

CHK BY *[Signature]* DISTRIBUTION
 SUB-OUT

BC LABORATORIES, INC.

4100 Atlas Court Bakersfield, CA 93308
 (661) 327-4911 FAX (661) 327-1918

CHAIN OF CUSTODY

Analysis Requested

#0911511

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/XXX BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS				Turnaround Time Requested	
Address: 500 Bancroft Ave.		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan														
City: San Leandro		4-digit site#: 5367														
State: CA Zip:		Workorder # 01400-4510943410														
Conoco Phillips Mgr: Ted moise		Project #: 165521														
Lab#	Sample Description	Field Point Name	Date & Time Sampled													
-1		MW-4	09-01-09 0824	GW					X		X					STD
-2		MW-3	0853													
-3		MW-2	0918													
-4		MW-5	0939													
-5		MW-9	1023													
-6		MW-6	1044													
-7		MW-7	1105													
-8		MW-8	1127													

Comments: GLOBAL ID: 70600101479	Relinquished by: (Signature) <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date & Time 09-01-09 1420
	Relinquished by: (Signature) <i>[Signature]</i> 9/1/09	Received by: <i>[Signature]</i>	Date & Time 9-1-09 1800
	Relinquished by: (Signature) <i>[Signature]</i> 9-1-09 2125	Received by: <i>[Signature]</i>	Date & Time 9-1-09 2130

TO REORDER CALL PROFORMA SOLUTIONS FOR PRINTING • (661) 633-1117 781489

BC LABORATORIES, INC.

4100 Atlas Court Bakersfield, CA 93308
 (661) 327-4911 FAX (661) 327-1918


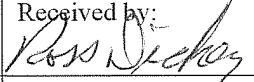
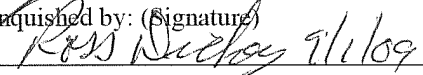
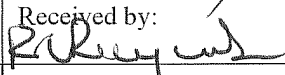
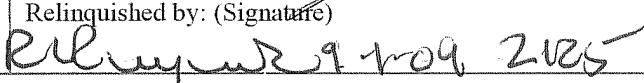
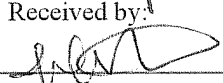
CHAIN OF CUSTODY

Analysis Requested

#0911511

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015 TPH GAS by 8015M TPH DIESEL by 8015 8260 full list w/ oxygenates BTEX/MTBE/XYLS BY 8260B ETHANOL by 8260B TPH -G by GC/MS	Turnaround Time Requested
Address: 500 Bancroft Ave.		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan				
City: San Leandro		4-digit site#: 5367 Workorder # 01400-4510943410				
State: CA	Zip:	Project #: 165521				
Conoco Phillips Mgr: Ted Moise		Sampler Name: JOE				

Lab#	Sample Description	Field Point Name	Date & Time Sampled										
#9		MW-10 ^{JK}	09-01-09 1155	GW					X	X			STD
-10		MW-1 ^{JK}	0959	W					X	X			STD

Comments: GLOBAL ID: T0600101479	Relinquished by: (Signature) 	Received by: 	Date & Time 09-01-09 1420
	Relinquished by: (Signature) 	Received by: 	Date & Time 9-1-09 1800
	Relinquished by: (Signature) 	Received by: 	Date & Time 9-1-09 2130

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**Receipt of Manifest
is Pending**

(September 21, 2009)



Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.