PACIFIC
CONVENIENCE & FUELS LLC

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Direct: 925-884-0860
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October 30, 2009

Mr. Paresh Khatari
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: **Quarterly Status/Monitoring Report – Third Quarter 2009**

Site: **76 Station No. 5748/6419**
6401 Dublin Boulevard
Dublin, California
Fuel Leak Case No. RO0000459

Dear Mr. Khatari;

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:

Liz Bermudez
Pacific Convenience & Fuel
2603 Camino Ramon, Suite 350
San Ramon, California 94583
Tel: (925) 884-0860
Fax: (925) 867-4687
lbermudez@pcandf.com

Sincerely,

PACIFIC CONVENIENCE & FUEL

Liz Bermudez

LIZ BERMUDEZ
Senior Paralegal

Attachment

October 20, 2009

Mr. Paresh Khatari
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: Semi-Annual Summary Report – April 2009 through September 2009
76 Station No. 5748/6419
6401 Dublin Boulevard
Dublin, California
Fuel leak case No. RO0000459

DELTA

Dear Mr. Khatari,

Delta Consultants (Delta) is submitting the subject report and forwarding a copy of TRC Solutions, Inc. (TRC's) *Semi-Annual Monitoring Report April 2009 through September 2009*, dated September 18, 2009 for the above site.

Please contact Tony Perini at (408) 826-1867 if you have questions.

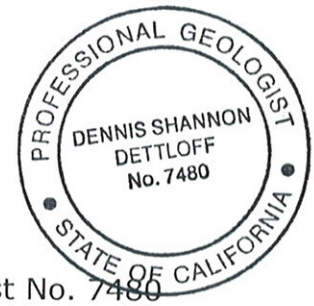
Sincerely,
Delta Consultants

James B. Barnard
For

Tony Perini
Senior Project Manager

Dennis S. Dettloff

Dennis S. Dettloff, P.G.
Senior Project Manager
California Registered Professional Geologist No. 7480



Enclosure

cc: Mr. Terry Grayson– ConocoPhillips (electronic copy only)

a member of: Inogen Environmental Alliance

11050 White Rock Road Suite 110 Rancho Cordova, California 95670 USA
Phone +1 916.638.2085 / USA Toll Free 800.477.7411
Fax +1 916.638.8385 www.deltaenv.com

SEMI-ANNUAL SUMMARY REPORT
April 2009 through September 2009

76 Station No. 5748/6419
6401 Dublin Boulevard
Dublin, California

County: Alameda

SITE DESCRIPTION

The subject site is an active 76 station located on the western corner of Dublin Boulevard and Dougherty Road in Dublin, California. The site is bounded to the south by Dublin Boulevard, to the northeast by Dougherty Road, and to the northwest and southwest by a shopping center parking lot. Properties in the immediate site vicinity are commercial, including service stations and retail facilities.

Current aboveground site facilities consist of two dispenser islands, a car wash, and a station building/convenience store. Two 12,000-gallon gasoline underground storage tanks (USTs) are located in the common pit, east of the station building.

SITE BACKGROUND AND ACTIVITY

September 1993: Two 10,000-gallon gasoline USTs, one 55-gallon waste-oil UST, and the associated product piping were removed from the site subsequent to confirmation sampling. Groundwater was observed entering the UST excavation. Concentrations of petroleum hydrocarbons in confirmation soil samples beneath the fuel USTs were non-detect to low. Petroleum hydrocarbon and volatile organic compounds (VOCs) concentrations in confirmation soil samples beneath the waste oil UST were non-detect to low, and concentrations of metals were considered background levels. Petroleum hydrocarbon and lead concentrations in confirmation soil samples from the dispenser islands were non-detect, and low, respectively. Petroleum hydrocarbon and lead concentrations in confirmation soil samples from the piping trenches were non-detect, and low, respectively.

February 1994: Three on-site monitoring wells (MW-1 through MW-3) were installed.

June 1999: Four on-site monitoring wells (MW-4 through MW-7) were installed to a depth of approximately 19 feet below ground surface (bgs).

November 1999: A four-inch diameter groundwater observation and extraction well (TPW-1) was installed in the gasoline UST pit backfill to allow purging of methyl tertiary-butyl ether (MTBE) impacted groundwater.

September 2001: Two off-site monitoring wells (MW-8 and MW-9) were installed to a depth of 20 feet bgs.

October 2003: Site environmental consulting responsibilities were transferred to TRC.

December 2004: Off-site monitoring wells MW-8 and MW-9 were abandoned due to construction activities planned at those locations by Pin Brothers Fine Homes.

January 12, 2006: On-site monitoring wells MW-2, MW-4, MW-6, and MW-7 were abandoned at the request of the City of Dublin in anticipation of street widening on both Dougherty Road and Dublin Boulevard.

SENSITIVE RECEPTORS

July 3, 2007: TRC completed a sensitive receptor survey for the site. According to California Department of Water Resources (DWR) and the Zone 7 Water Agency records, four water supply wells are located within a one-half mile of the site. Three of the wells are listed by the Zone 7 Water Agency as water supply wells and are located approximately 1,940 feet east, 2,175 feet north, and 2,070 feet northwest of the site. One well is listed by the Zone 7 Water Agency as an abandoned water supply well and is located approximately 2,440 feet west-southwest of the site.

Three surface water bodies were identified within a one-half mile of the site. San Ramon Creek is located approximately 2,145 feet northwest of the site, an unnamed canal is located approximately 625 feet southwest of the site, and the Chabot Canal is located approximately 1,650 feet east of the site.

GROUNDWATER MONITORING AND SAMPLING

The monitoring wells were sampled by TRC on August 21, 2009. TRC's semi-annual monitoring report is presented as **Attachment A**. Groundwater samples collected from the monitoring wells were analyzed for total purgeable petroleum hydrocarbons (TPPH), benzene, toluene, ethylbenzene, and total xylenes (BTEX), MTBE and ethanol by Environmental Protection Agency (EPA) Method 8260.

The three remaining monitoring wells (MW-1, MW-3, and MW-5) are currently monitored and sampled semi-annually during the first and third quarters. During the August 2009 monitoring event the depth to groundwater ranged from 7.50 feet (MW-1) to 8.04 feet (MW-3) below the top of casing (below TOC). The groundwater flow direction was calculated to be to the west with a gradient of 0.005 foot per foot (ft/ft). The flow direction and gradient calculated during the previous sampling event (March 6, 2009) was to the northwest at 0.005 ft/ft. The predominant historical groundwater flow direction at the site is to the southwest. Historical groundwater flow directions are shown on a rose diagram presented as **Attachment B**.

Contaminants of Concern:

TPPH: TPPH was above the laboratory's indicated reporting limit in the groundwater sample collected and submitted for analysis from monitoring well MW-5 (260 micrograms per liter (µg/L)) during the current event. However, laboratory notes indicate that the TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.

Benzene: benzene was below the laboratory's indicated reporting limits in each of the groundwater samples collected and submitted for analysis from the monitoring wells during the current event.

MTBE: MTBE was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells MW-1 (3.3 µg/L) MW-3 (33 µg/L), and MW-5 (310 µg/L) during the current event.

All other constituents tested were below the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis during the current event.

REMEDIATION STATUS

September 2003: Approximately 19,000 gallons of groundwater were removed from the UST excavation and properly disposed off-site. A hydrocarbon sheen was observed on the surface of the groundwater in the southwest corner of the excavation. Approximately 850 cubic yards of excavated soil was properly disposed off-site. Two 12,000-gallon and one 520-gallon double-wall glasteel replacement USTs were installed in the same excavation.

July 1998: A soil vapor extraction test was conducted. Approximately 0.53 pounds of total petroleum hydrocarbons as gasoline (TPHg) and 6.5 pounds of MTBE (approximately 1 gallon of gasoline/additive) were extracted during the four day test. The effective radius of influence was calculated to be less than 40 feet.

December 1999 through December 2002: Approximately 649,600 gallons of groundwater containing an estimated 130.21 pounds of MTBE were removed from the tank pit observation and extraction well. Batch extractions were ended on February 5, 2003, due to asymptotic levels of cumulative pounds of MTBE removed. The purged groundwater was transported to, treated, and disposed of at the ConocoPhillips refinery located in Rodeo, California.

Remediation is not currently being conducted at the site.

CHARACTERIZATION STATUS

Site assessment appears complete along the southeastern corner of the site through the borings and samplings of monitoring wells MW-4, MW-5, MW-8, and MW-9. The plume is concentrated in the vicinity monitoring well MW-5. It is likely that the plume, particularly the MTBE component, is now largely present off-site. Further assessment is therefore needed off-site and in the vicinity of the destroyed monitoring wells MW-8 and MW-9 to support an effort for site closure.

RECENT CORRESPONDENCE

On August 20, 2009, Delta met with the Alameda County Health Care Services Agency (ACHCSA) to discuss project activities. During this meeting the original Delta work plan dated January 14, 2009 for conducting a site investigation by the advancement of borings using cone penetration test (CPT) technology was discussed. Other options were also discussed for the additional investigation. The options included the installation of groundwater monitoring wells. Delta agreed on the additional monitoring well installations.

RECENT ACTIVITIES (April through September 2009)

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- Delta Prepared *Semi-Annual Summary Report – April 2009 through September 2009*, dated September 21, 2009.

- No site activities were conducted during the second quarter 2009.

UPCOMING ACTIVITIES (October 2009 through March 2010)

- Delta will prepare a work plan outlining the proposed installation of additional groundwater monitoring wells.

- Delta will prepare *Semi-Annual Summary Report – October 2009 through March 2010*.

CONSULTANT: Delta Consultants

Attachments

Attachment A: TRC Report
Attachment B: Rose Diagram

Attachment A
TRC Report

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949 727 7399 FAX

www.TRCsolutions.com

DATE: September 18, 2009

TO: Delta Consultants
11050 White Rock, Suite 110
Rancho Cordova, CA 95670

ATTN: MR. TONY PERINI

SITE: 76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2009

Dear Mr. Perini,

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 6419, located at 6401 Dublin Boulevard, Dublin, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC

Anju Farfan
Groundwater Program Operations Manager

Enclosures
20-0400/6419R13.QMS

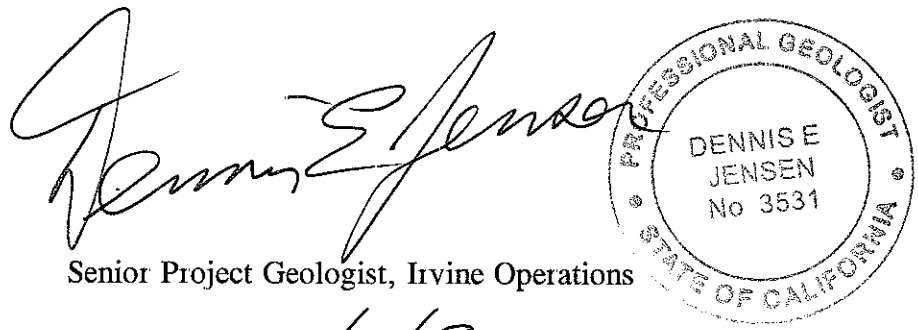
SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2009

76 STATION 6419
6401 Dublin Boulevard
Dublin, California

Prepared For:

Mr. Tony Perini
DELTA CONSULTANTS
11050 White Rock Road, Suite 110
Rancho Cordova, California 95670

By:



Senior Project Geologist, Irvine Operations

Date: 9/17/09

TRC

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 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: 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 TPH-G Concentrations vs. Time Benzene Concentrations vs. Time MTBE Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 8/21/09 Groundwater Sampling Field Notes – 8/21/09
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Disposal Documents	Disposal/Treatment Manifest – Current (Pending)
Statements	Limitations

Summary of Gauging and Sampling Activities
April 2009 through September 2009
76 Station 6419
6401 Dublin Boulevard
Dublin, CA

Project Coordinator: **Tony Perini**
Telephone: **408-826-1867**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **08/21/09**

Sample Points

Groundwater wells: **3** onsite, **0** offsite Points gauged: **3** Points sampled: **3**
Purging method: **Bailer/diaphragm 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: **7.5 feet** Maximum: **8.04 feet**
Average groundwater elevation (relative to available local datum): **322.50 feet**
Average change in groundwater elevation since previous event: **-2.15 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.005 ft/ft, west**
Previous event: **0.005 ft/ft, northwest (03/06/09)**

Selected Laboratory Results

Sample Points with detected **Benzene:** **0** Sample Points above MCL (1.0 µg/l): **--**
Maximum reported benzene concentration: **--**

Sample Points with **TPH-G by GC/MS** **1** Maximum: **260 µg/l (MW-5)**
Sample Points with **MTBE 8260B** **3** Maximum: **310 µg/l (MW-5)**

Notes:

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.

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 6419 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 6419

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)
Table 1a	Well/ Date	Ethanol (8260B)											

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)
Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel (total)
Table 2b	Well/ Date	Zinc (total)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen									

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 21, 2009

76 Station 6419

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: 4.0-19.0)**											
08/21/09	330.17	7.50	0.00	322.67	-2.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.3	
MW-3			**(Screen Interval in feet: 4.0-20.0)**											
08/21/09	330.59	8.04	0.00	322.55	-2.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	33	
MW-5			**(Screen Interval in feet: 4.0-19.0)**											
08/21/09	330.18	7.90	0.00	322.28	-2.11	--	260	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 6419

Date Sampled	Ethanol (8260B) (µg/l)
MW-1	
08/21/09	ND<250
MW-3	
08/21/09	ND<250
MW-5	
08/21/09	ND<250

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through August 2009
76 Station 6419

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: 4.0-19.0)**											
03/14/94	330.45	7.27	0.00	323.18	--	1800	--	17	ND	ND	ND	--	--	
08/25/94	330.45	8.57	0.00	321.88	-1.30	9200	--	48	ND	540	ND	--	--	
09/30/94	330.45	8.78	0.00	321.67	-0.21	--	--	--	--	--	--	--	--	
10/20/94	330.45	8.98	0.00	321.47	-0.20	--	--	--	--	--	--	--	--	
11/18/94	330.45	7.69	0.00	322.76	1.29	5100	--	33	ND	560	38	--	--	
12/20/94	330.45	7.58	0.00	322.87	0.11	--	--	--	--	--	--	--	--	
01/17/95	330.45	6.03	0.00	324.42	1.55	--	--	--	--	--	--	--	--	
02/15/95	330.45	6.29	0.00	324.16	-0.26	3300	--	13	ND	180	5.2	--	--	
03/13/95	330.45	5.64	0.00	324.81	0.65	--	--	--	--	--	--	--	--	
04/06/95	330.45	5.62	0.00	324.83	0.02	--	--	--	--	--	--	--	--	
05/17/95	330.45	6.26	0.00	324.19	-0.64	130	--	0.75	ND	1.5	ND	--	--	
06/15/95	330.45	6.75	0.00	323.70	-0.49	--	--	--	--	--	--	--	--	
08/25/95	330.45	7.91	0.00	322.54	-1.16	490	--	9.1	ND	21	2	--	--	
11/28/95	330.45	9.03	0.00	321.42	-1.12	1400	--	18	3	98	3.6	--	--	
02/26/96	330.45	5.77	0.00	324.68	3.26	560	--	9.3	ND	22	ND	1300	--	
08/23/96	330.45	7.78	0.00	322.67	-2.01	ND	--	ND	ND	ND	ND	640	--	
02/17/97	330.23	5.73	0.00	324.50	1.83	120	--	1	0.95	ND	ND	280	--	
08/18/97	330.23	7.38	0.00	322.85	-1.65	ND	--	ND	ND	ND	ND	100	--	
02/02/98	330.23	5.10	0.00	325.13	2.28	ND	--	130	ND	ND	ND	32000	--	
08/24/98	330.23	6.73	0.00	323.50	-1.63	ND	--	ND	ND	ND	ND	26000	24000	
02/10/99	330.23	5.46	0.00	324.77	1.27	ND	--	ND	ND	ND	ND	84000	100000	
04/12/99	330.23	6.38	0.00	323.85	-0.92	ND	--	ND	ND	ND	ND	140000	120000	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through August 2009
76 Station 6419

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														
05/21/99	330.21	5.95	0.00	324.26	0.41	--	--	--	--	--	--	--	--	
08/02/99	330.21	6.75	0.00	323.46	-0.80	ND	--	ND	ND	ND	ND	91000	140000	
02/11/00	330.21	6.44	0.00	323.77	0.31	ND	--	ND	ND	ND	ND	38000	39000	
07/26/00	330.18	7.08	0.00	323.10	-0.67	146	--	ND	ND	ND	ND	30900	42800	
02/02/01	330.18	6.99	0.00	323.19	0.09	ND	--	ND	ND	ND	ND	5380	6430	
05/16/01	--	--	--	--	--	--	--	--	--	--	--	--	--	
08/24/01	330.18	7.72	0.00	322.46	--	ND<50	--	8.3	ND<0.50	ND<0.50	ND<0.50	10000	6600	
10/11/01	330.17	7.72	0.00	322.45	-0.01	--	--	--	--	--	--	--	--	
02/06/02	330.17	6.43	0.00	323.74	1.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	450	420	
07/30/02	330.17	7.45	0.00	322.72	-1.02	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	2400	
02/17/03	330.17	6.18	0.00	323.99	1.27	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	600	
08/18/03	330.17	6.25	0.00	323.92	-0.07	--	3900	ND<20	ND<20	ND<20	ND<40	--	2700	
02/24/04	330.17	5.59	0.00	324.58	0.66	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	1400	
09/17/04	330.17	7.08	0.00	323.09	-1.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	14	
03/22/05	330.17	5.29	0.00	324.88	1.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	100	
09/29/05	330.17	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
01/09/06	330.17	7.05	0.00	323.12	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	
09/27/06	330.17	8.05	0.00	322.12	-1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.4	
03/29/07	330.17	8.38	0.00	321.79	-0.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
09/21/07	330.17	9.93	0.00	320.24	-1.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.5	
03/27/08	330.17	6.59	0.00	323.58	3.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	330.17	7.37	0.00	322.80	-0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	16	
03/06/09	330.17	5.36	0.00	324.81	2.01	--	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
March 1994 Through August 2009
76 Station 6419

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														
08/21/09	330.17	7.50	0.00	322.67	-2.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.3	
MW-2			**(Screen Interval in feet: 4.0-20.0)**											
03/14/94	330.40	7.23	0.00	323.17	--	ND	--	ND	2.8	1.1	8	--	--	
08/25/94	330.40	8.41	0.00	321.99	-1.18	ND	--	ND	ND	ND	ND	--	--	
09/30/94	330.40	8.73	0.00	321.67	-0.32	--	--	--	--	--	--	--	--	
10/20/94	330.40	8.92	0.00	321.48	-0.19	--	--	--	--	--	--	--	--	
11/18/94	330.40	7.67	0.00	322.73	1.25	ND	--	ND	ND	ND	ND	--	--	
12/20/94	330.40	7.48	0.00	322.92	0.19	--	--	--	--	--	--	--	--	
01/17/95	330.40	6.00	0.00	324.40	1.48	--	--	--	--	--	--	--	--	
02/15/95	330.40	6.16	0.00	324.24	-0.16	ND	--	ND	ND	ND	ND	--	--	
03/13/95	330.40	5.59	0.00	324.81	0.57	--	--	--	--	--	--	--	--	
04/06/95	330.40	5.51	0.00	324.89	0.08	--	--	--	--	--	--	--	--	
05/17/95	330.40	6.15	0.00	324.25	-0.64	ND	--	ND	ND	ND	ND	--	--	
06/15/95	330.40	6.61	0.00	323.79	-0.46	--	--	--	--	--	--	--	--	
08/25/95	330.40	7.45	0.00	322.95	-0.84	ND	--	ND	ND	ND	ND	--	--	
11/28/95	330.40	8.85	0.00	321.55	-1.40	ND	--	ND	ND	ND	ND	--	--	
02/26/96	330.40	5.49	0.00	324.91	3.36	ND	--	ND	ND	ND	ND	--	--	
08/23/96	330.40	7.44	0.00	322.96	-1.95	--	--	--	--	--	--	--	--	SAMPLED ANNUALLY
02/17/97	330.27	5.64	0.00	324.63	1.67	ND	--	ND	ND	ND	ND	ND	--	
08/18/97	330.27	7.40	0.00	322.87	-1.76	--	--	--	--	--	--	--	--	
02/02/98	330.27	5.09	0.00	325.18	2.31	ND	--	ND	ND	ND	ND	62	--	
08/24/98	330.27	6.70	0.00	323.57	-1.61	--	--	--	--	--	--	--	--	
02/10/99	330.27	5.56	0.00	324.71	1.14	ND	--	ND	ND	ND	ND	130	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through August 2009
76 Station 6419

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														
05/21/99	330.30	5.98	0.00	324.32	-0.39	--	--	--	--	--	--	--	--	
08/02/99	330.30	6.72	0.00	323.58	-0.74	ND	--	ND	ND	ND	ND	120	--	
02/11/00	330.30	6.43	0.00	323.87	0.29	ND	--	ND	ND	ND	ND	39	--	
07/26/00	330.24	7.03	0.00	323.21	-0.66	ND	--	ND	ND	ND	ND	89.9	--	
02/02/01	330.24	6.81	0.00	323.43	0.22	ND	--	ND	ND	ND	ND	20.1	--	
05/16/01	--	--	--	--	--	--	--	--	--	--	--	--	--	
08/24/01	330.24	7.57	0.00	322.67	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	36	--	
10/11/01	330.24	7.62	0.00	322.62	-0.05	--	--	--	--	--	--	--	--	
02/06/02	330.24	6.40	0.00	323.84	1.22	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	23	21	
07/30/02	330.24	7.12	0.00	323.12	-0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	
02/17/03	330.24	6.17	0.00	324.07	0.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	25	
08/18/03	330.24	6.36	0.00	323.88	-0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2	
02/24/04	330.24	5.87	0.00	324.37	0.49	--	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	100	
09/17/04	330.24	7.22	0.00	323.02	-1.35	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	70	
03/22/05	330.24	5.55	0.00	324.69	1.67	--	110	ND<0.50	1.3	0.68	2.4	--	29	
09/29/05	330.24	8.26	0.00	321.98	-2.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	23	
01/09/06	330.24	7.41	0.00	322.83	0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	25	
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-3			**(Screen Interval in feet: 4.0-20.0)**											
03/14/94	331.11	7.93	0.00	323.18	--	150	--	ND	ND	ND	ND	--	--	
08/25/94	331.11	9.20	0.00	321.91	-1.27	130	--	ND	ND	ND	ND	--	--	
09/30/94	331.11	9.43	0.00	321.68	-0.23	--	--	--	--	--	--	--	--	
10/20/94	331.11	9.64	0.00	321.47	-0.21	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through August 2009
76 Station 6419

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														
11/18/94	331.11	8.39	0.00	322.72	1.25	130	--	ND	ND	ND	ND	--	--	
12/20/94	331.11	8.20	0.00	322.91	0.19	--	--	--	--	--	--	--	--	
01/17/95	331.11	6.72	0.00	324.39	1.48	--	--	--	--	--	--	--	--	
02/15/95	331.11	6.93	0.00	324.18	-0.21	130	--	ND	ND	ND	ND	--	--	
03/13/95	331.11	6.30	0.00	324.81	0.63	--	--	--	--	--	--	--	--	
04/06/95	331.11	8.20	0.00	322.91	-1.90	--	--	--	--	--	--	--	--	
05/17/95	331.11	6.88	0.00	324.23	1.32	99	--	ND	ND	ND	ND	--	--	
06/15/95	331.11	7.35	0.00	323.76	-0.47	--	--	--	--	--	--	--	--	
08/25/95	331.11	8.20	0.00	322.91	-0.85	ND	--	ND	ND	ND	ND	--	--	
11/28/95	331.11	9.52	0.00	321.59	-1.32	ND	--	ND	ND	ND	ND	--	--	
02/26/96	331.11	6.25	0.00	324.86	3.27	ND	--	ND	ND	ND	ND	--	--	
08/23/96	331.11	7.98	0.00	323.13	-1.73	--	--	--	--	--	--	--	--	SAMPLED ANNUALLY
02/17/97	330.68	6.07	0.00	324.61	1.48	ND	--	ND	ND	ND	ND	68	--	
08/18/97	330.68	7.82	0.00	322.86	-1.75	--	--	--	--	--	--	--	--	
02/02/98	330.68	5.50	0.00	325.18	2.32	ND	--	ND	ND	ND	ND	100	--	
08/24/98	330.68	7.12	0.00	323.56	-1.62	--	--	--	--	--	--	--	--	
02/10/99	330.68	5.80	0.00	324.88	1.32	ND	--	ND	ND	ND	ND	92	--	
05/21/99	330.49	6.16	0.00	324.33	-0.55	--	--	--	--	--	--	--	--	
08/02/99	330.49	6.95	0.00	323.54	-0.79	ND	--	ND	ND	ND	ND	140	--	
02/11/00	330.49	6.71	0.00	323.78	0.24	ND	--	ND	ND	ND	ND	46	--	
07/26/00	330.60	7.35	0.00	323.25	-0.53	ND	--	ND	ND	ND	ND	927	--	
02/02/01	330.60	7.17	0.00	323.43	0.18	ND	--	ND	ND	ND	ND	2240	--	
05/16/01	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through August 2009
76 Station 6419

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														
08/24/01	330.60	7.88	0.00	322.72	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2500	--	
10/11/01	330.59	7.83	0.00	322.76	0.04	--	--	--	--	--	--	--	--	
02/06/02	330.59	6.73	0.00	323.86	1.10	ND<1000	--	ND<10	ND<10	ND<10	ND<10	4300	3300	
07/30/02	330.59	7.38	0.00	323.21	-0.65	--	ND<2500	ND<25	ND<25	ND<25	ND<50	--	4900	
02/17/03	330.59	6.49	0.00	324.10	0.89	--	ND<2500	ND<25	ND<25	ND<25	ND<50	--	4400	
08/18/03	330.59	6.70	0.00	323.89	-0.21	--	4400	ND<20	ND<20	ND<20	ND<40	--	3300	
02/24/04	330.59	6.11	0.00	324.48	0.59	--	ND<2500	ND<25	ND<25	ND<25	ND<50	--	3000	
09/17/04	330.59	7.61	0.00	322.98	-1.50	--	ND<1300	ND<13	ND<13	ND<13	ND<25	--	2300	
03/22/05	330.59	5.79	0.00	324.80	1.82	--	ND<1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1600	
09/29/05	330.59	9.24	0.00	321.35	-3.45	--	680	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1600	
01/09/06	330.59	7.74	0.00	322.85	1.50	--	410	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1200	
09/27/06	330.59	8.54	0.00	322.05	-0.80	--	780	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1500	
03/29/07	330.59	8.82	0.00	321.77	-0.28	--	230	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	230	
09/21/07	330.59	9.38	0.00	321.21	-0.56	--	140	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	160	
03/27/08	330.59	7.08	0.00	323.51	2.30	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	98	
09/02/08	330.59	7.84	0.00	322.75	-0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	50	
03/06/09	330.59	5.85	0.00	324.74	1.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	43	
08/21/09	330.59	8.04	0.00	322.55	-2.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	33	
MW-4			**(Screen Interval in feet: 4.0-19.0)**											
05/21/99	330.36	6.43	0.00	323.93	--	ND	--	ND	ND	ND	ND	960	910	
08/02/99	330.36	7.34	0.00	323.02	-0.91	ND	--	10	ND	13	11	ND	--	
02/11/00	330.36	6.92	0.00	323.44	0.42	ND	--	ND	ND	ND	ND	2700	--	
07/26/00	330.35	7.68	0.00	322.67	-0.77	ND	--	ND	ND	ND	ND	3710	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through August 2009
76 Station 6419

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														
02/02/01	330.35	7.40	0.00	322.95	0.28	ND	--	ND	ND	ND	ND	5340	--	
08/24/01	330.35	8.14	0.00	322.21	-0.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7800	--	
10/11/01	330.35	8.29	0.00	322.06	-0.15	--	--	--	--	--	--	--	--	
02/06/02	330.35	7.28	0.00	323.07	1.01	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2300	3100	
07/30/02	330.35	7.76	0.00	322.59	-0.48	--	ND<500	ND<5.0	ND<5.0	5.8	ND<10	--	1600	
02/17/03	330.35	6.85	0.00	323.50	0.91	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	2200	
08/18/03	330.35	7.30	0.00	323.05	-0.45	--	2000	ND<10	ND<10	ND<10	ND<20	--	1400	
02/24/04	330.35	6.55	0.00	323.80	0.75	--	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2000	
09/17/04	330.35	8.00	0.00	322.35	-1.45	--	340	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	610	
03/22/05	330.35	6.37	0.00	323.98	1.63	--	ND<200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	290	
09/29/05	330.35	9.43	0.00	320.92	-3.06	--	84	ND<0.50	ND<0.50	0.53	ND<1.0	--	57	
01/09/06	330.35	7.97	0.00	322.38	1.46	--	100	ND<0.50	ND<0.50	1.5	ND<1.0	--	150	
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-5			**(Screen Interval in feet: 4.0-19.0)**											
05/21/99	330.20	5.99	0.00	324.21	--	ND	--	ND	ND	ND	ND	32	33	
08/02/99	330.20	6.83	0.00	323.37	-0.84	ND	--	ND	ND	ND	ND	230	--	
02/11/00	330.20	6.34	0.00	323.86	0.49	ND	--	ND	ND	ND	ND	98	--	
07/26/00	330.20	7.06	0.00	323.14	-0.72	ND	--	ND	ND	ND	ND	25.9	--	
02/02/01	330.20	6.81	0.00	323.39	0.25	ND	--	ND	ND	ND	ND	18	--	
08/24/01	330.20	7.60	0.00	322.60	-0.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	--	
10/11/01	330.18	7.34	0.00	322.84	0.24	--	--	--	--	--	--	--	--	
02/06/02	330.18	6.55	0.00	323.63	0.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.7	7.9	
07/30/02	330.18	7.15	0.00	323.03	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.6	

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-5 continued														
02/17/03	330.18	6.27	0.00	323.91	0.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	
08/18/03	330.18	6.57	0.00	323.61	-0.30	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.8	
02/24/04	330.18	5.88	0.00	324.30	0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.3	
09/17/04	330.18	7.41	0.00	322.77	-1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.4	--	6.0	
03/22/05	330.18	5.58	0.00	324.60	1.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.8	
09/29/05	330.18	9.42	0.00	320.76	-3.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.8	
01/09/06	330.18	7.93	0.00	322.25	1.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	14	
09/27/06	330.18	8.60	0.00	321.58	-0.67	--	300	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	860	
03/29/07	330.18	8.82	0.00	321.36	-0.22	--	520	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	690	
09/21/07	330.18	9.66	0.00	320.52	-0.84	--	300	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	490	
03/27/08	330.18	7.12	0.00	323.06	2.54	--	580	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1400	
09/02/08	330.18	7.70	0.00	322.48	-0.58	--	360	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	840	
03/06/09	330.18	5.79	0.00	324.39	1.91	--	240	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	480	
08/21/09	330.18	7.90	0.00	322.28	-2.11	--	260	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	310	
MW-6			**(Screen Interval in feet: 4.0-19.0)**											
05/21/99	330.49	6.24	0.00	324.25	--	ND	--	ND	ND	ND	ND	2200	2300	
08/02/99	330.49	7.10	0.00	323.39	-0.86	ND	--	ND	ND	ND	ND	ND	--	
02/11/00	330.49	6.60	0.00	323.89	0.50	ND	--	ND	ND	ND	ND	2500	--	
07/26/00	330.49	7.31	0.00	323.18	-0.71	ND	--	ND	ND	ND	ND	4280	--	
02/02/01	330.49	7.02	0.00	323.47	0.29	ND	--	ND	ND	ND	ND	1990	--	
08/24/01	330.49	7.84	0.00	322.65	-0.82	ND<200	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	1100	--	
10/11/01	330.47	8.03	0.00	322.44	-0.21	--	--	--	--	--	--	--	--	
02/06/02	330.47	6.78	0.00	323.69	1.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	610	680	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through August 2009
76 Station 6419

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														
07/30/02	330.47	7.40	0.00	323.07	-0.62	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
02/17/03	330.47	6.49	0.00	323.98	0.91	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	400	
08/18/03	330.47	6.81	0.00	323.66	-0.32	--	320	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	280	
02/24/04	330.47	6.11	0.00	324.36	0.70	--	130	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
09/17/04	330.47	7.64	0.00	322.83	-1.53	--	110	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
03/22/05	330.47	5.81	0.00	324.66	1.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	83	
09/29/05	330.47	9.19	0.00	321.28	-3.38	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
01/09/06	330.47	7.65	0.00	322.82	1.54	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-7			**(Screen Interval in feet: 4.0-19.0)**											
05/21/99	330.43	6.13	0.00	324.30	--	ND	--	ND	ND	ND	ND	22	22	
08/02/99	330.43	6.92	0.00	323.51	-0.79	ND	--	ND	ND	ND	ND	31	--	
02/11/00	330.43	6.50	0.00	323.93	0.42	ND	--	ND	ND	ND	ND	20	--	
07/26/00	330.43	7.18	0.00	323.25	-0.68	ND	--	ND	ND	ND	ND	17.9	--	
02/02/01	330.43	6.95	0.00	323.48	0.23	ND	--	ND	ND	ND	ND	ND	--	
08/24/01	330.43	7.72	0.00	322.71	-0.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.4	--	
10/11/01	330.41	7.87	0.00	322.54	-0.17	--	--	--	--	--	--	--	--	
02/06/02	330.41	6.62	0.00	323.79	1.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.9	3.2	
07/30/02	330.41	--	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	
02/17/03	330.41	--	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.7	
08/18/03	330.41	6.64	0.00	323.77	--	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.3	
02/24/04	330.41	6.01	0.00	324.40	0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.2	
09/17/04	330.41	7.45	0.00	322.96	-1.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.7	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through August 2009
76 Station 6419

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														
03/22/05	330.41	5.73	0.00	324.68	1.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.4	
09/29/05	330.41	8.94	0.00	321.47	-3.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	
01/09/06	330.41	7.43	0.00	322.98	1.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.6	
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-8			**(Screen Interval in feet: --)**											
10/11/01	329.97	7.57	0.00	322.40	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
02/06/02	329.97	6.35	0.00	323.62	1.22	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<1.0	
07/30/02	329.97	6.95	0.00	323.02	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/17/03	329.97	6.11	0.00	323.86	0.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
08/18/03	329.97	6.33	0.00	323.64	-0.22	--	53	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2	
02/24/04	329.97	13.37	0.00	316.60	-7.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/17/04	329.97	7.23	0.00	322.74	6.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.0	
03/22/05	329.97	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned
MW-9			**(Screen Interval in feet: --)**											
10/11/01	329.51	7.12	0.00	322.39	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	22	15	
02/06/02	329.51	5.94	0.00	323.57	1.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	14	
07/30/02	329.51	6.53	0.00	322.98	-0.59	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9	
02/17/03	329.51	5.63	0.00	323.88	0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.9	
08/18/03	329.51	5.99	0.00	323.52	-0.36	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1	--	6.2	
02/24/04	329.51	5.27	0.00	324.24	0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
09/17/04	329.51	6.80	0.00	322.71	-1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.8	
03/22/05	329.51	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D (µg/l)	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)	Cadmium (dissolved) (mg/l)	Chromium (total) (mg/l)	Lead (total) (mg/l)	Nickel (total) (mg/l)
MW-1												
03/14/94	810	--	--	--	--	--	--	--	ND	0.000012	ND	0.00003
08/25/94	910	--	--	--	--	--	--	--	ND	ND	0.024	ND
11/18/94	910	--	--	--	--	--	--	--	ND	0.067	ND	0.067
02/15/95	660	--	--	--	--	--	--	--	ND	ND	ND	ND
05/17/95	200	--	--	--	--	--	--	--	ND	ND	ND	0.021
07/26/00	--	ND	--	ND	ND	ND	ND	ND	--	--	--	--
08/24/01	--	ND<1000	ND<25000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--	--
02/06/02	--	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
07/30/02	--	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--	--
02/17/03	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--
08/18/03	--	ND<4000	ND<20000	ND<80	ND<80	ND<80	ND<80	ND<80	--	--	--	--
02/24/04	--	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--	--
09/17/04	--	470	ND<50	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--	--	--
03/22/05	--	ND<5.0	ND<50	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--
01/09/06	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/29/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/21/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/02/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/06/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
08/21/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-2												
02/06/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
08/18/03	--	--	ND<500	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D (µg/l)	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)	Cadmium (dissolved) (mg/l)	Chromium (total) (mg/l)	Lead (total) (mg/l)	Nickel (total) (mg/l)
MW-2 continued												
02/24/04	--	--	ND<1000	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<50	--	--	--	--	--	--	--	--	--
03/22/05	--	--	ND<50	--	--	--	--	--	--	--	--	--
09/29/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
01/09/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-3												
02/06/02	--	ND<670	ND<17000	ND<33	ND<33	ND<33	ND<33	ND<33	--	--	--	--
08/18/03	--	--	ND<20000	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<25000	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<1300	--	--	--	--	--	--	--	--	--
03/22/05	--	--	ND<1300	--	--	--	--	--	--	--	--	--
09/29/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
01/09/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<2500	--	--	--	--	--	--	--	--	--
03/29/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/21/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/02/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/06/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
08/21/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-4												
02/06/02	--	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--	--
08/18/03	--	--	ND<10000	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<20000	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<250	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D (µg/l)	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)	Cadmium (dissolved) (mg/l)	Chromium (total) (mg/l)	Lead (total) (mg/l)	Nickel (total) (mg/l)
MW-4 continued												
03/22/05	--	--	ND<200	--	--	--	--	--	--	--	--	--
09/29/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
01/09/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-5												
02/06/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
08/18/03	--	--	ND<500	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<500	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<50	--	--	--	--	--	--	--	--	--
03/22/05	--	--	ND<50	--	--	--	--	--	--	--	--	--
09/29/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
01/09/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/29/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/21/07	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/27/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
09/02/08	--	--	ND<250	--	--	--	--	--	--	--	--	--
03/06/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
08/21/09	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-6												
05/21/99	--	ND<170	--	--	--	ND<8.3	ND<8.3	ND<8.3	--	--	--	--
02/06/02	--	ND<170	ND<4200	ND<8.3	ND<8.3	ND<8.3	ND<8.3	ND<8.3	--	--	--	--
08/18/03	--	--	ND<1000	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<1000	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<100	--	--	--	--	--	--	--	--	--
03/22/05	--	--	ND<50	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D (µg/l)	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)	Cadmium (dissolved) (mg/l)	Chromium (total) (mg/l)	Lead (total) (mg/l)	Nickel (total) (mg/l)
MW-6 continued												
09/29/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
01/09/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-7												
02/06/02	--	ND<20	ND<500	ND<1.0	ND<1.0	1.4	ND<1.0	ND<1.0	--	--	--	--
08/18/03	--	--	ND<500	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<500	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<50	--	--	--	--	--	--	--	--	--
03/22/05	--	--	ND<50	--	--	--	--	--	--	--	--	--
09/29/05	--	--	ND<250	--	--	--	--	--	--	--	--	--
01/09/06	--	--	ND<250	--	--	--	--	--	--	--	--	--
MW-8												
10/11/01	--	ND<20	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
02/06/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
08/18/03	--	--	ND<500	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<500	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<50	--	--	--	--	--	--	--	--	--
MW-9												
10/11/01	--	ND<20	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
02/06/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--
08/18/03	--	--	ND<500	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<500	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<50	--	--	--	--	--	--	--	--	--

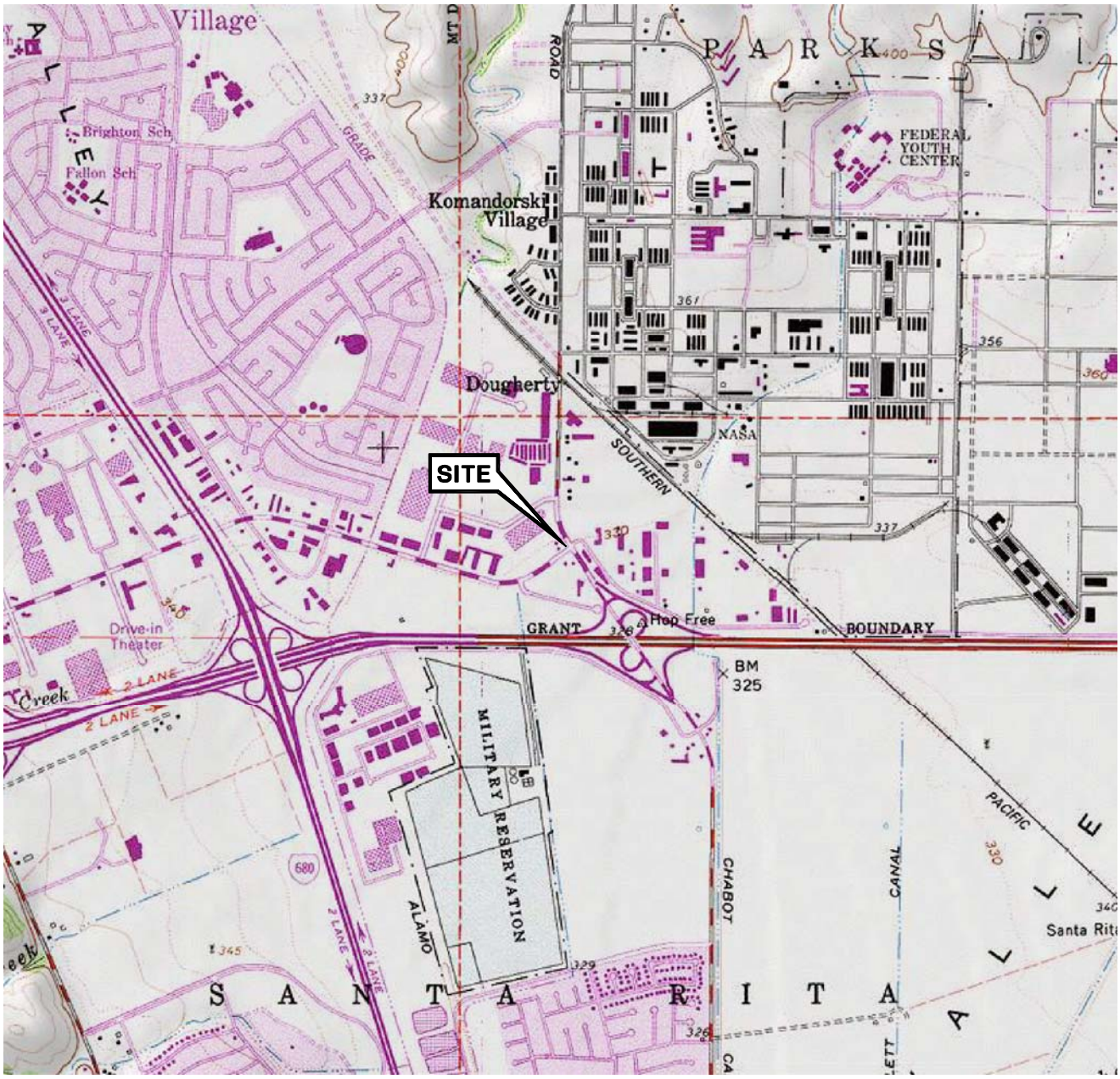
Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	Zinc (total) (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-1			
03/14/94	0.039	--	--
02/15/95	--	4.3	--
05/17/95	--	1.2	--
08/25/95	--	2.71	--
11/28/95	--	3.25	--
02/26/96	--	1.41	5.23
08/23/96	--	--	3.83
02/17/97	--	0.78	0.82
08/18/97	--	2.35	1.28
05/16/01	--	--	1.54
08/24/01	--	3.1	--
MW-2			
02/15/95	--	1.9	--
02/26/96	--	0.43	0.62
08/23/96	--	--	2.04
02/17/97	--	0.82	0.9
08/18/97	--	--	1.16
05/16/01	--	--	1.47
08/24/01	--	2.6	--
MW-3			
02/15/95	--	2.6	--
03/13/95	--	1.13	--
08/25/95	--	1.86	--
11/28/95	--	6.81	--

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	Zinc (total) (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-3 continued			
02/26/96	--	1.11	16.83
08/23/96	--	--	3.29
02/17/97	--	0.8	0.8
08/18/97	--	--	1.43
05/16/01	--	2.6	1.65
08/24/01	--	2.60	--
MW-4			
08/24/01	--	2.3	--
MW-5			
08/24/01	--	2.1	--
MW-6			
08/24/01	--	2.7	--
MW-7			
08/24/01	--	2.7	--

FIGURES



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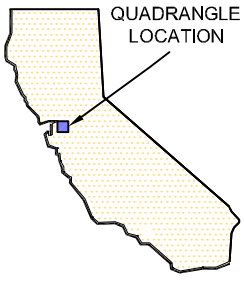
SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle

0 1/4 1/2 3/4 1 MILE

SCALE 1: 24,000



TRC

FACILITY:

76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

VICINITY MAP

FIGURE 1

PS=1:1 L:\QMS VICINITY MAPS\6419vm.dwg Aug 12, 2009 - 9:49am aakers

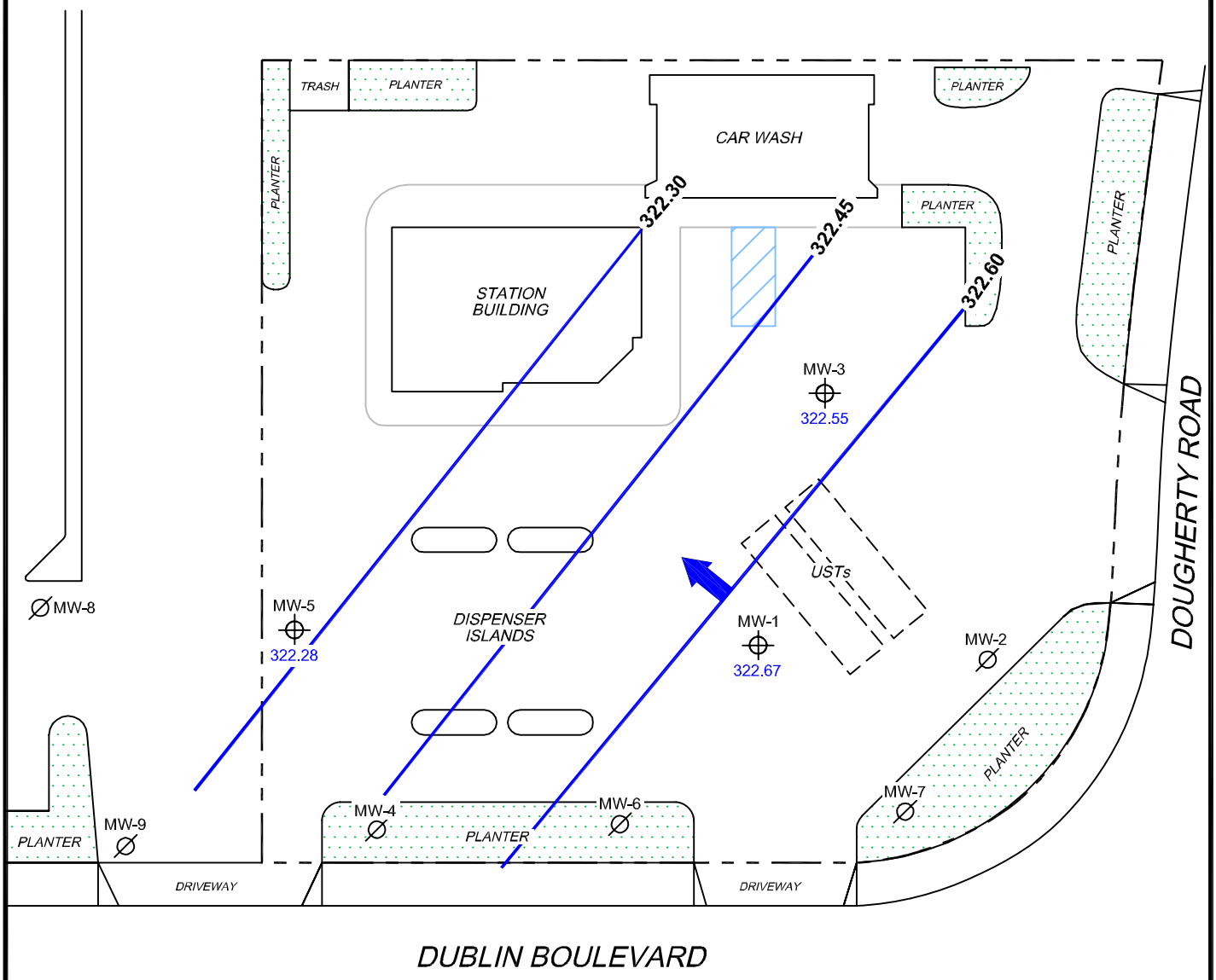
LEGEND

MW-5 ⊕ Monitoring Well with Groundwater Elevation (feet)

MW-9 ∅ Abandoned Monitoring Well

322.60 — 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.

SCALE (FEET)

0 30

TRC

PROJECT: 165521

FACILITY:

76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
August 21, 2009

FIGURE 2

L:\Graphics\QMS NORTH-SOUTH\x-6000\6419+\6419-QMS.dwg Sep 15, 2009 - 2:41pm aakers

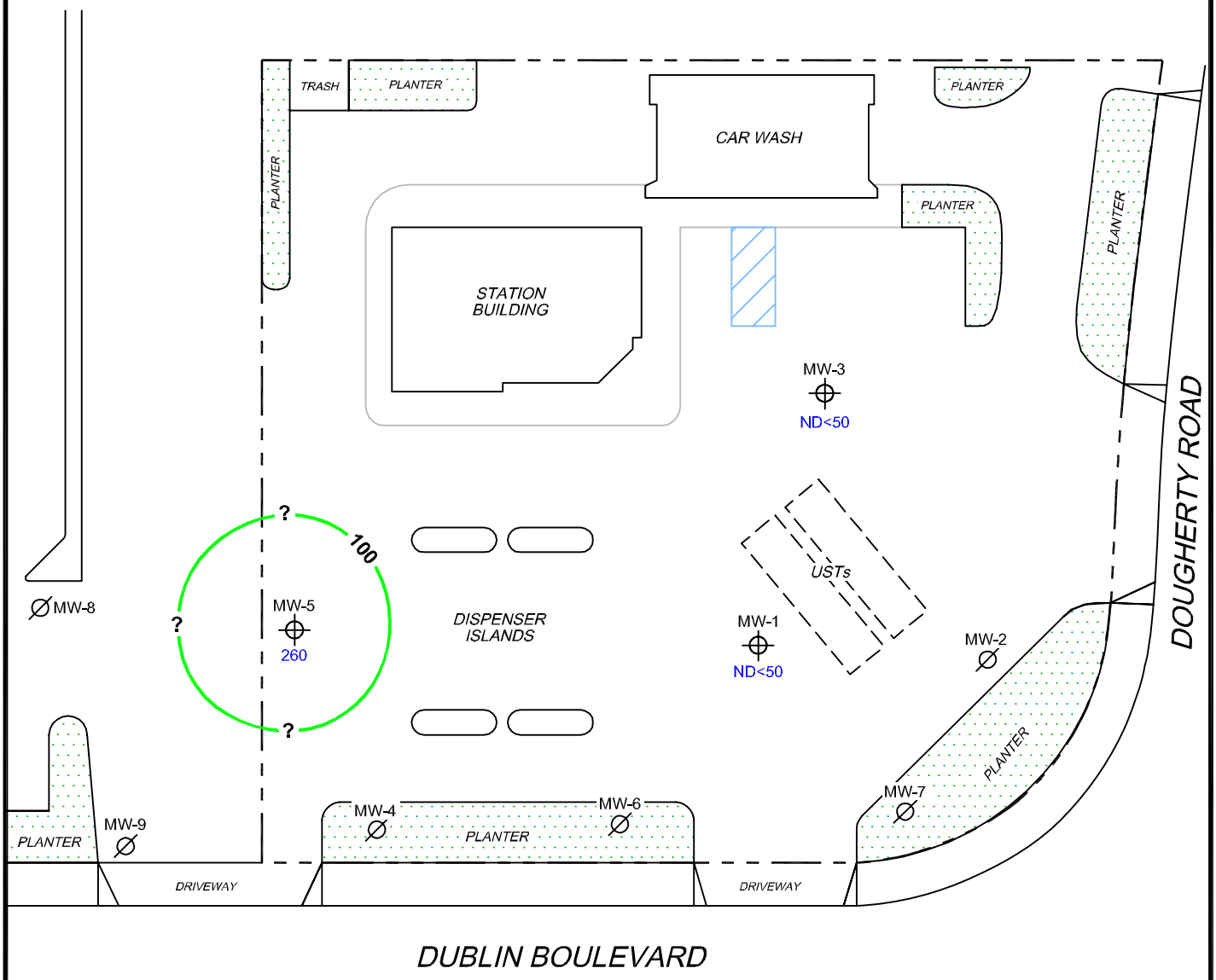
MS=1:30 6419-003

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

MW-9 ∅ Abandoned Monitoring Well

100 Dissolved-Phase TPH-G (GC/MS) Contour (µg/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. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.

SCALE (FEET)

0 30

TRC

PROJECT: 165521

FACILITY:
76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
August 21, 2009

FIGURE 3

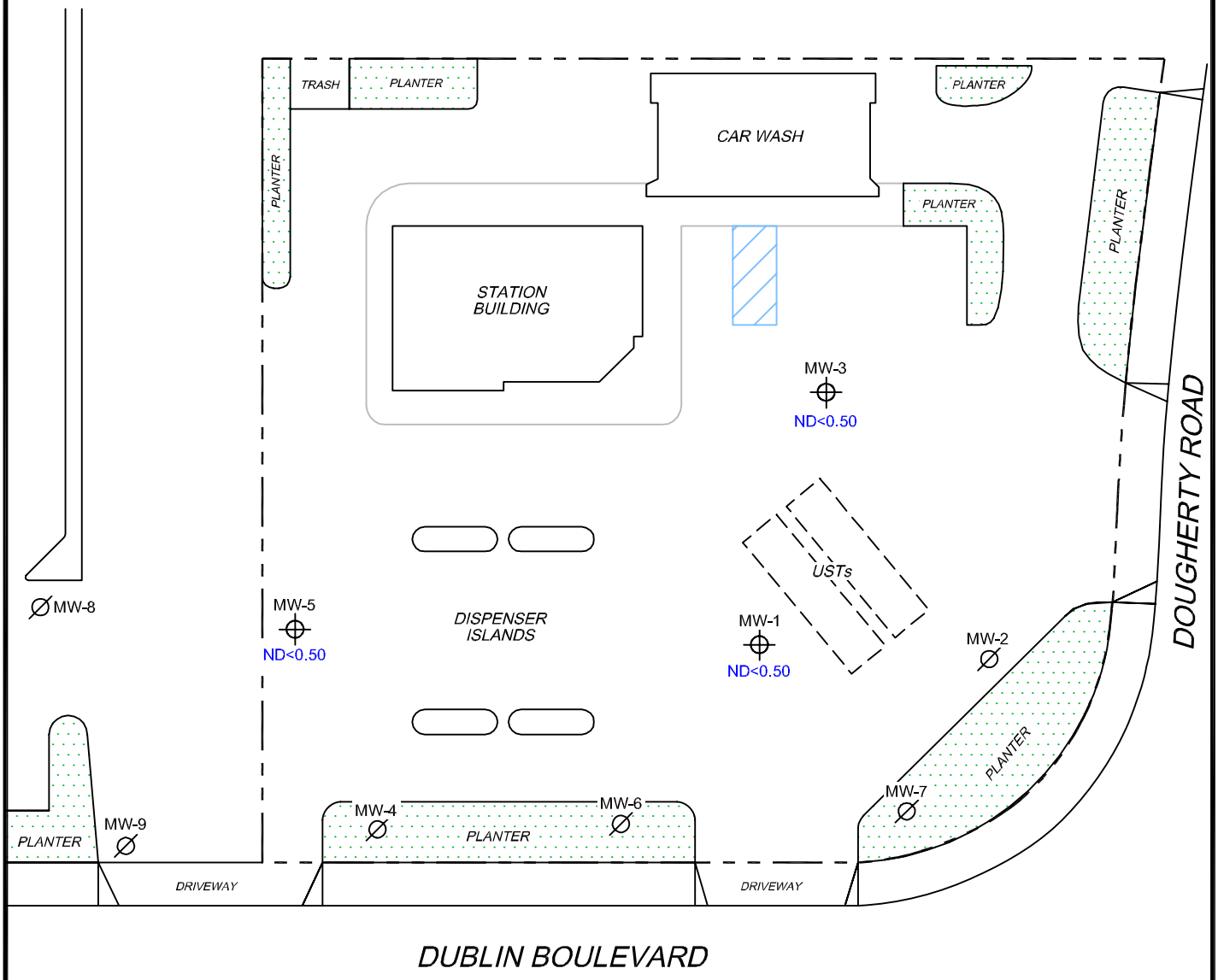
L:\Graphics\QMS NORTH-SOUTH\x-6000\6419+\6419-QMS.dwg Sep 15, 2009 - 2:41pm aakers

MS=1:30 6419-003

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

MW-9 ∅ Abandoned Monitoring Well



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank.

SCALE (FEET)

0 30

TRC

PROJECT: 165521

FACILITY:
76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
August 21, 2009

FIGURE 4

L:\Graphics\QMS NORTH-SOUTH\x-6000\6419+\6419-QMS.dwg Sep 15, 2009 - 2:42pm oakers

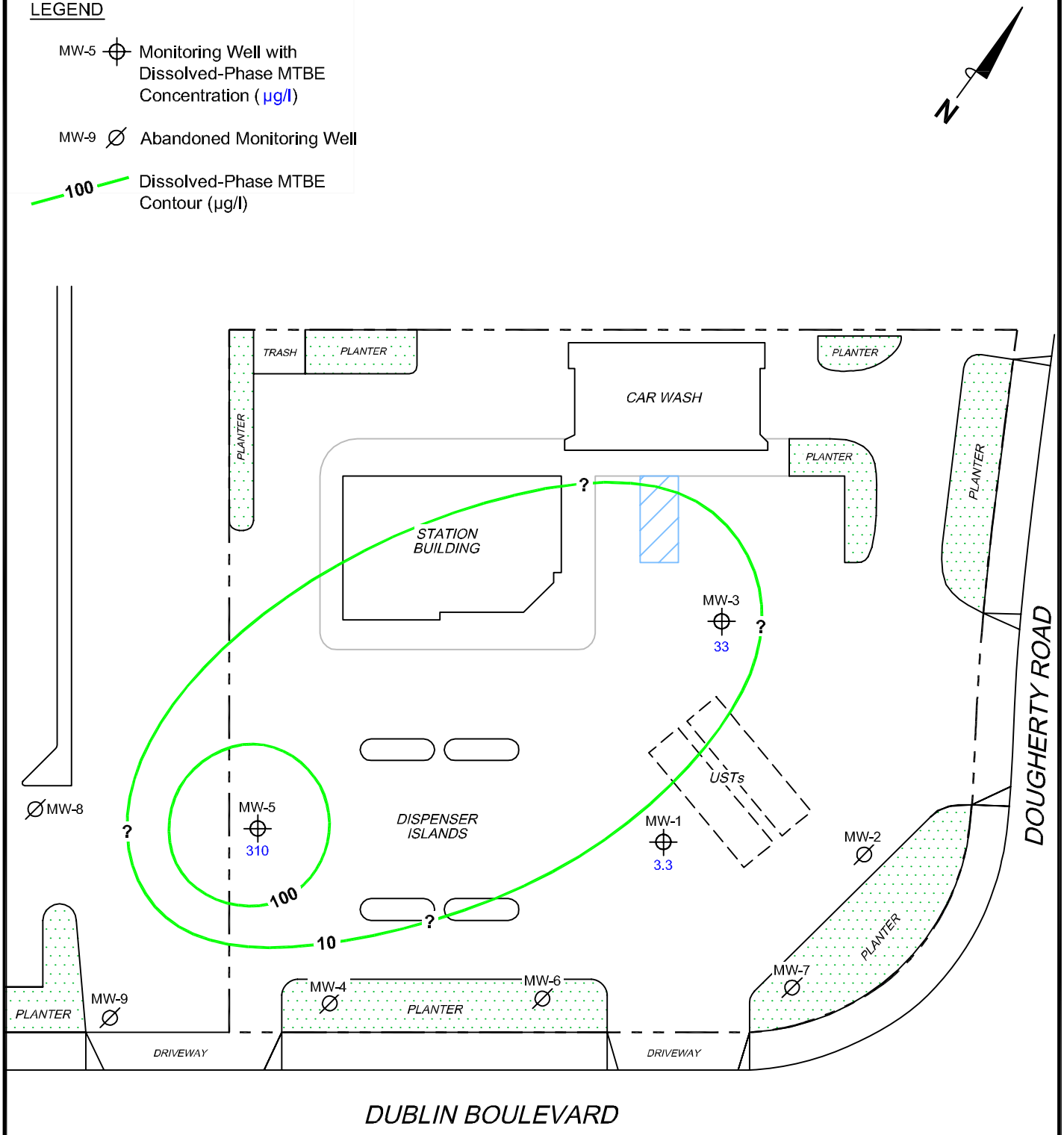
MS=1:30 6419-003

LEGEND

MW-5 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

MW-9 ∅ Abandoned Monitoring Well

100 Dissolved-Phase MTBE Contour (µg/l)



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. UST = underground storage tank. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 30

TRC

PROJECT: 165521

FACILITY:

76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

DISSOLVED-PHASE MTBE CONCENTRATION MAP
August 21, 2009

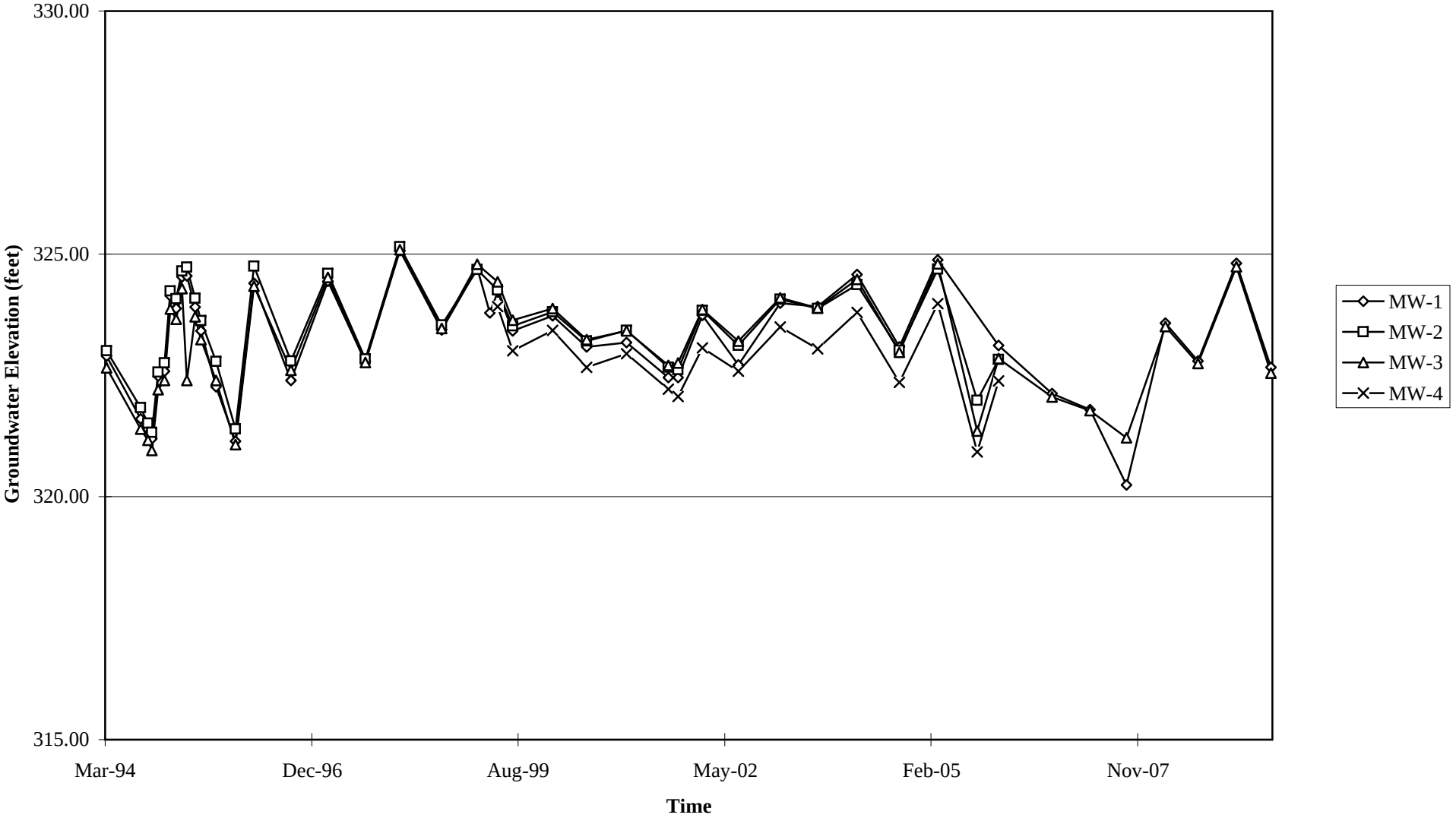
FIGURE 5

L:\Graphics\QMS NORTH-SOUTH\x-6000\6419+\6419-QMS.dwg Sep 15, 2009 - 2:42pm oakers

MS=1:30 6419-003

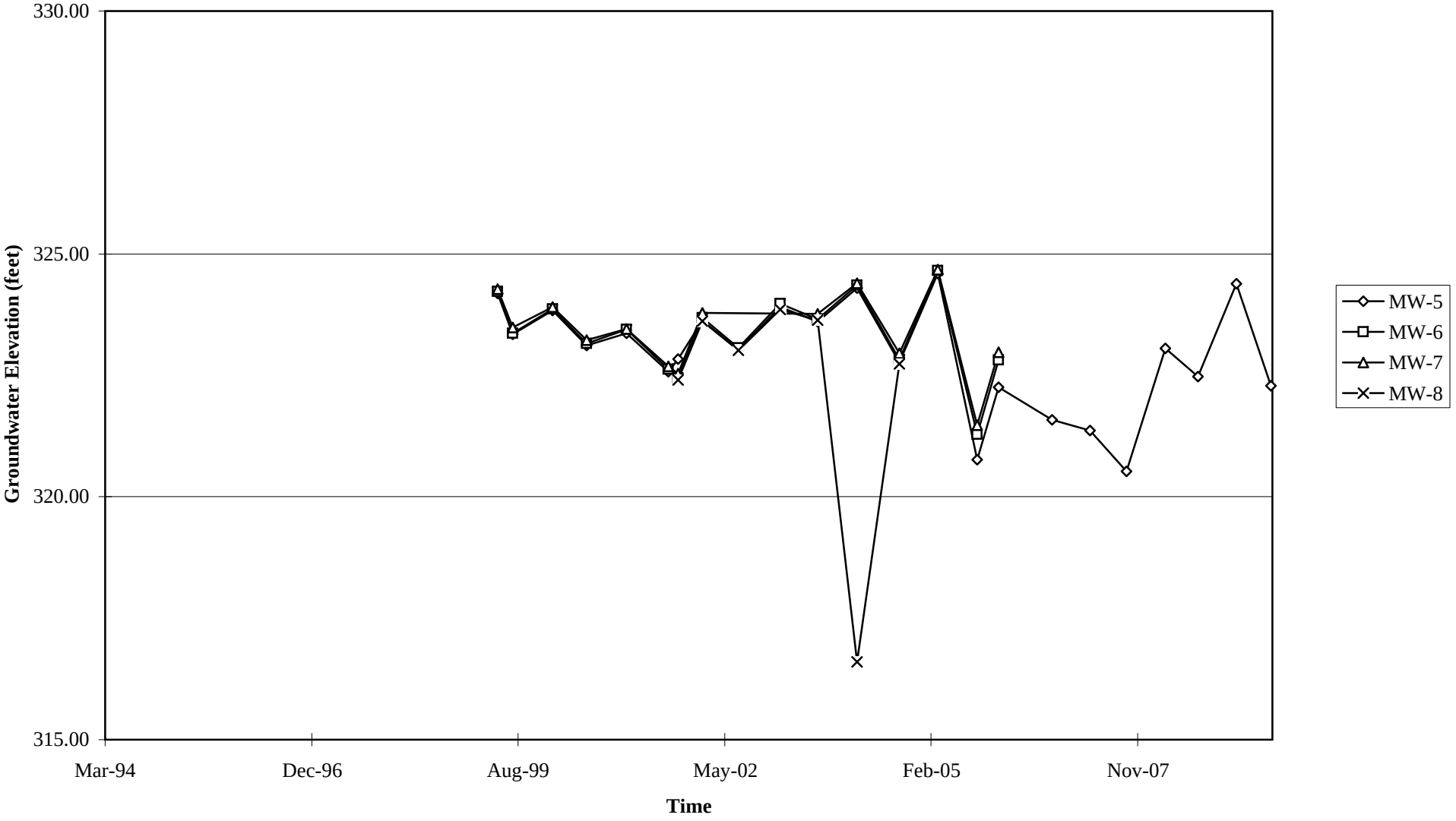
GRAPHS

Groundwater Elevations vs. Time
76 Station 6419



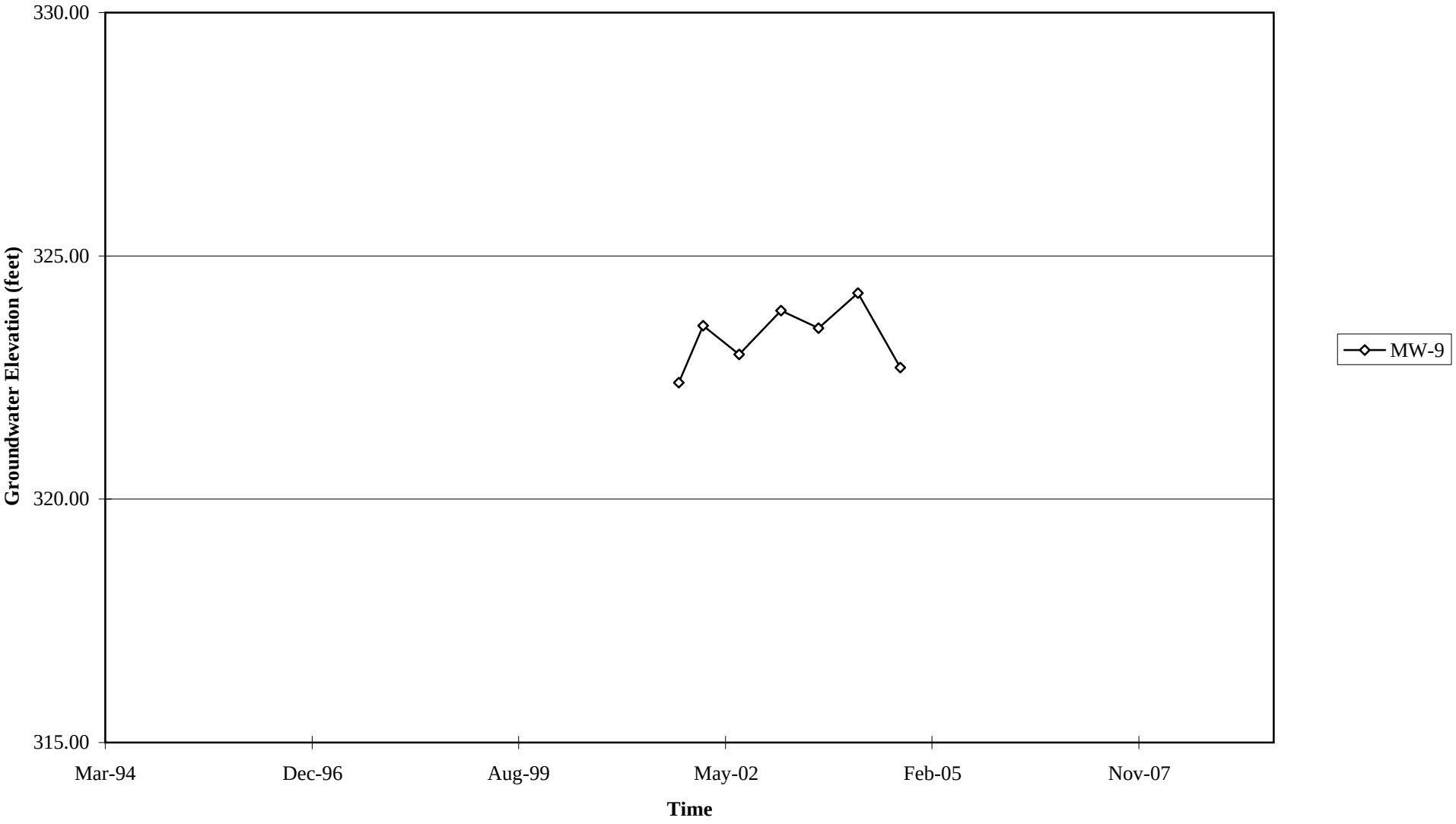
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 6419



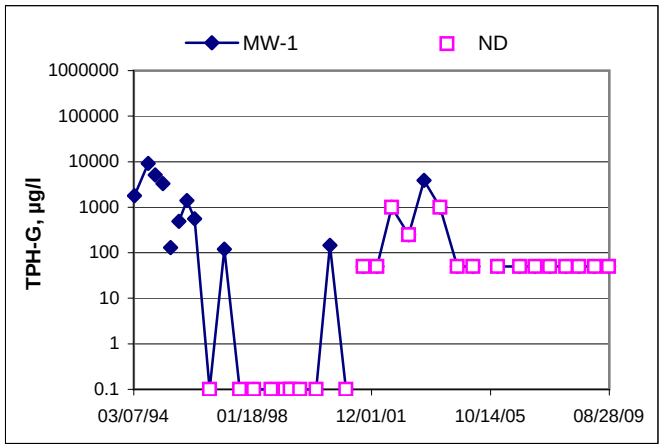
Elevations may have been corrected for apparent changes due to resurvey

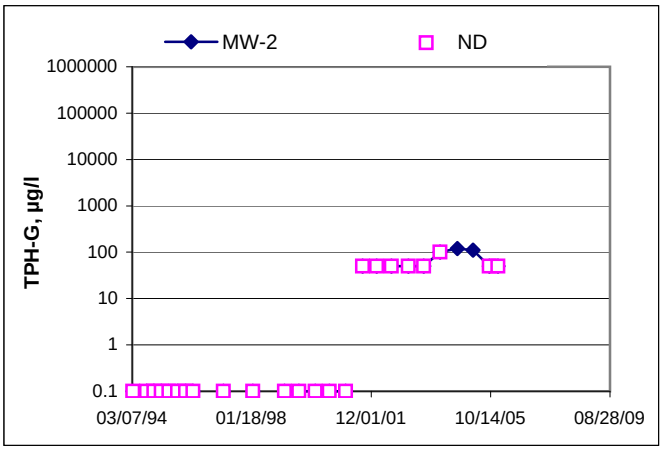
Groundwater Elevations vs. Time
76 Station 6419

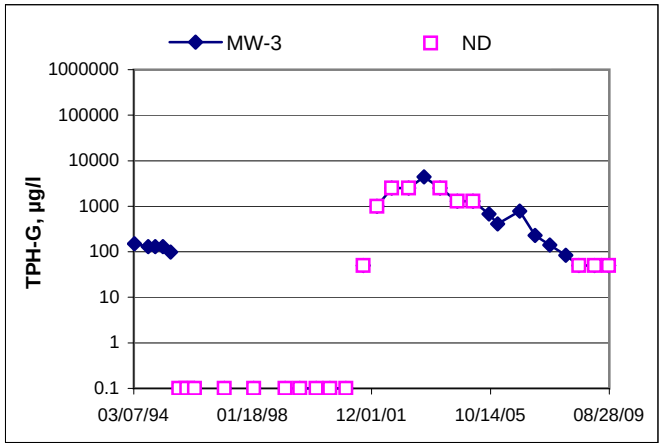


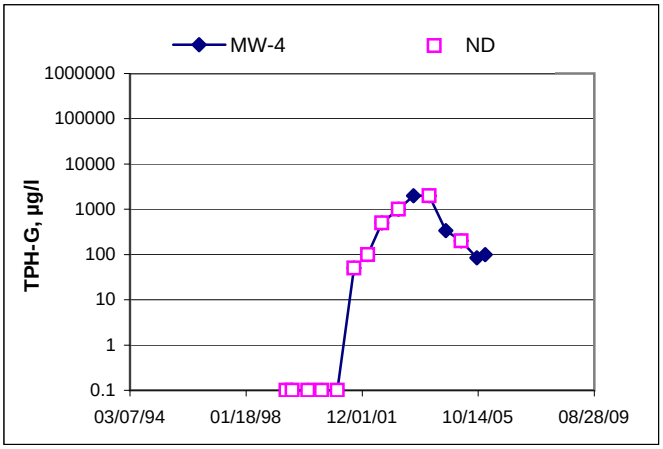
Elevations may have been corrected for apparent changes due to resurvey

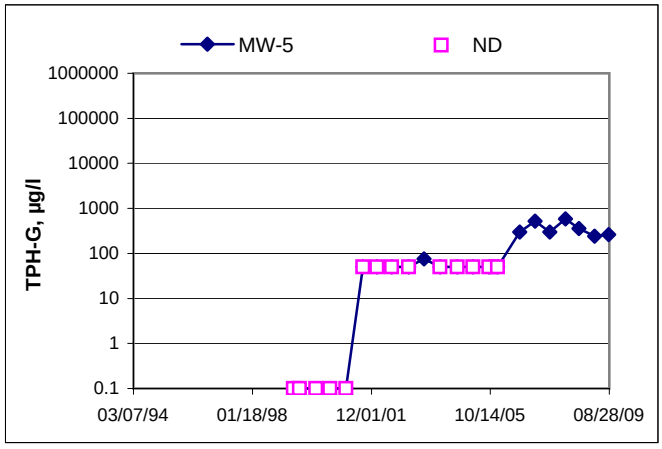
TPH-G Concentrations vs Time
76 Station 6419

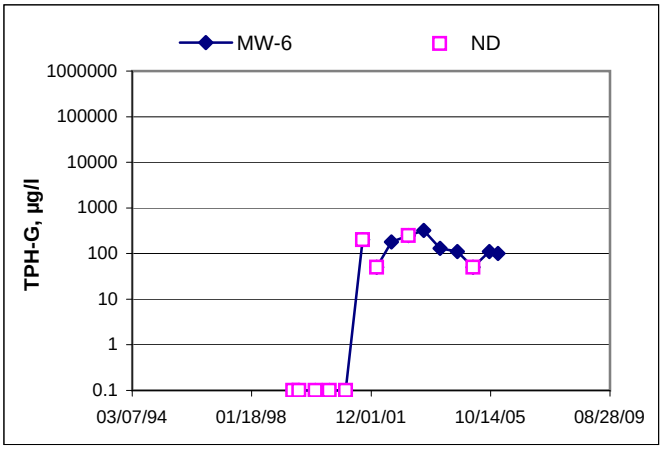


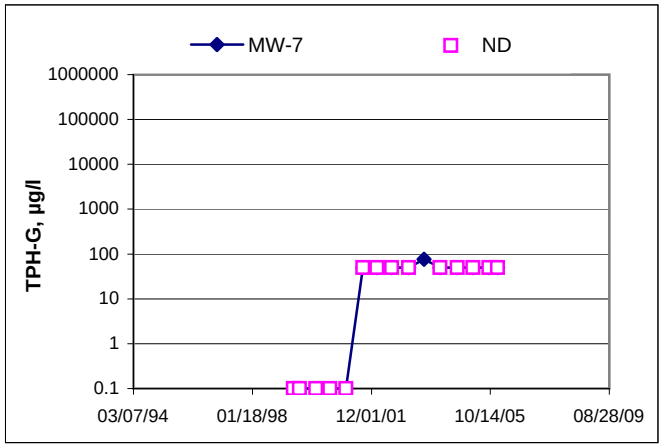


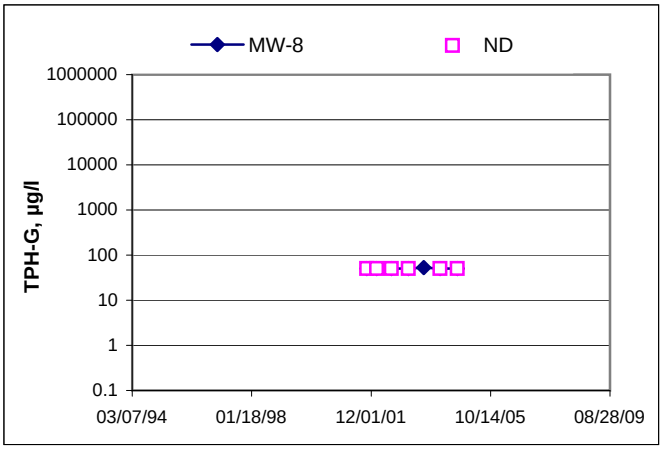






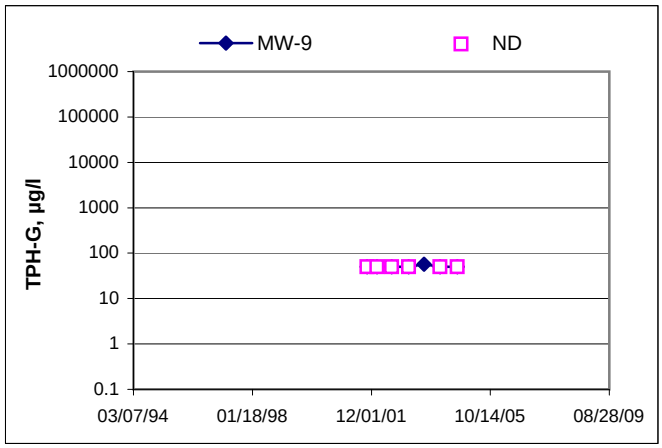






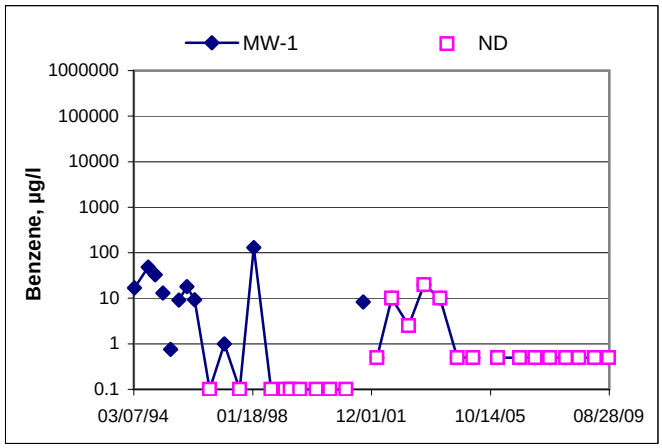
TPH-G Concentrations vs Time

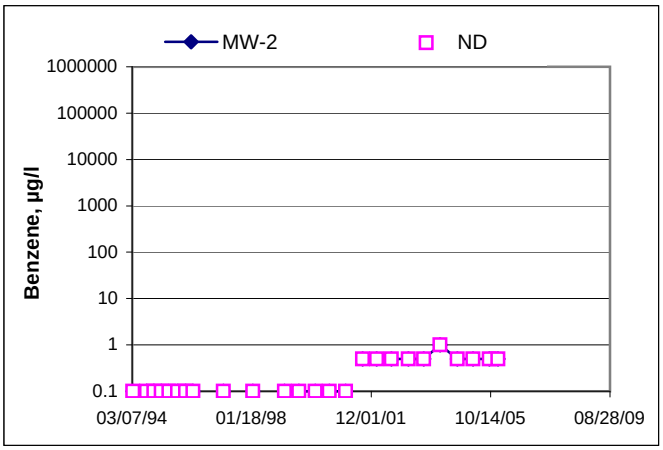
76 Station 6419

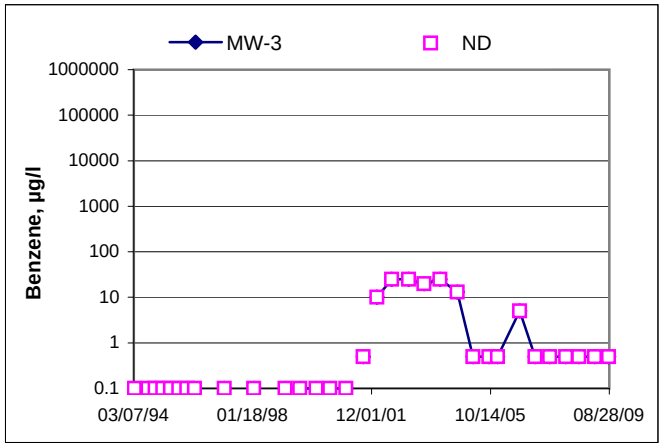


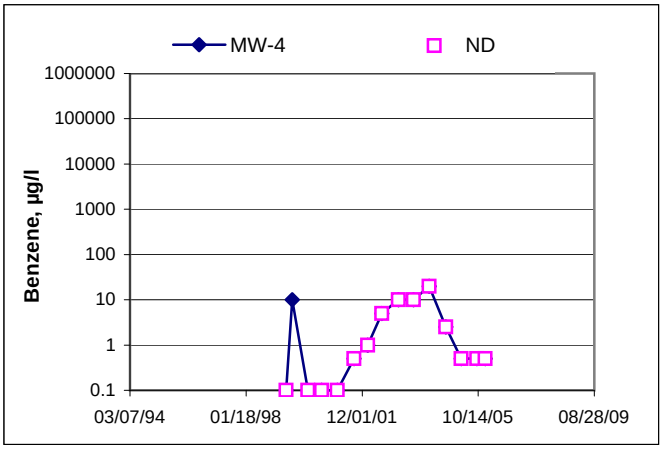
Benzene Concentrations vs Time

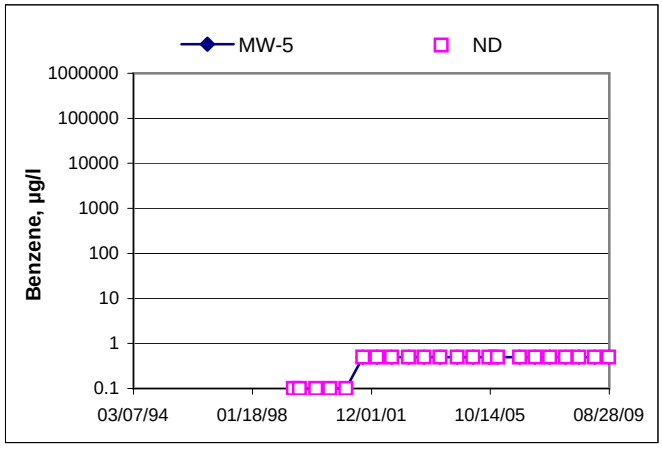
76 Station 6419

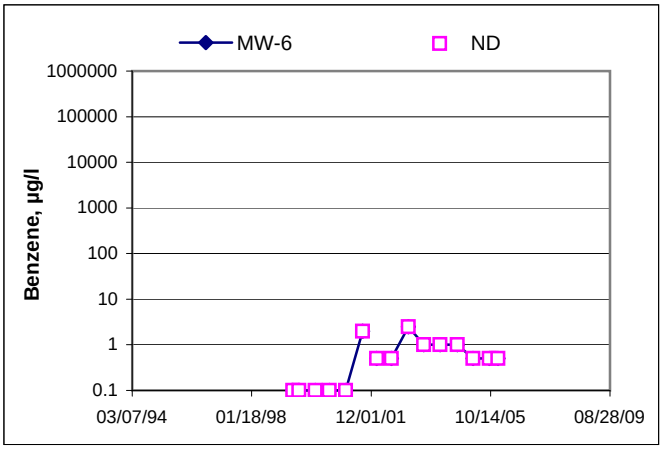


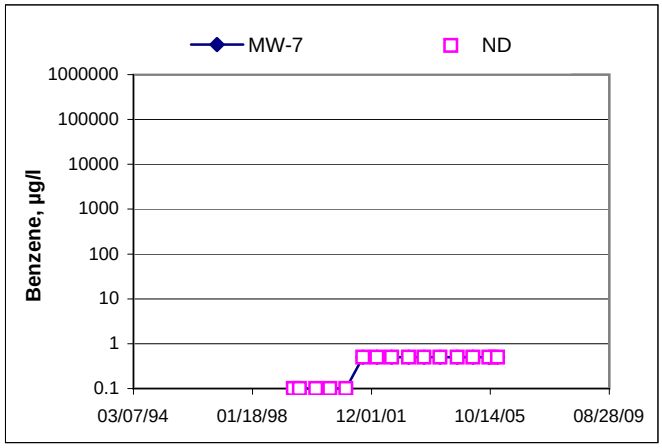


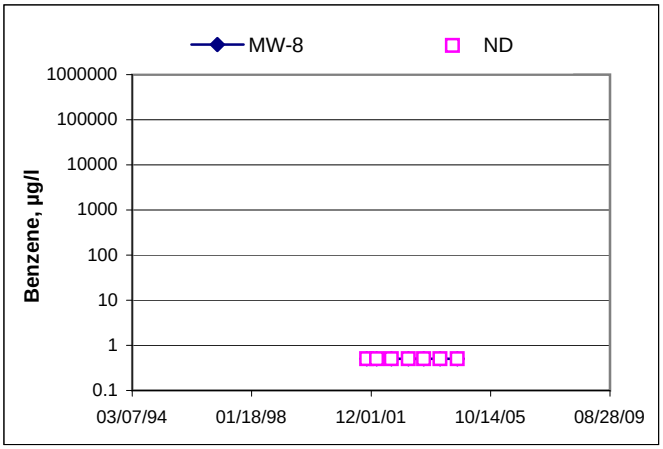






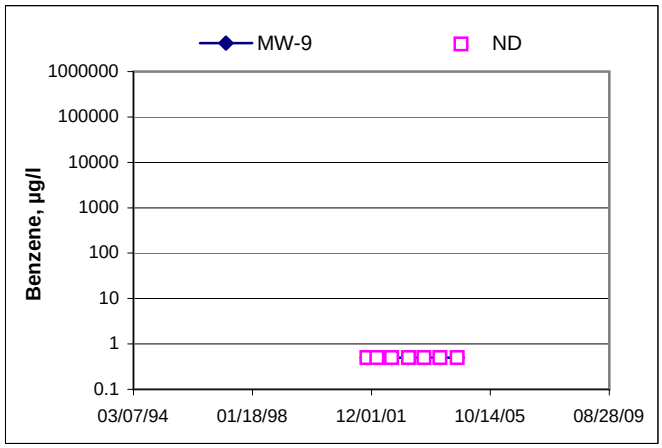






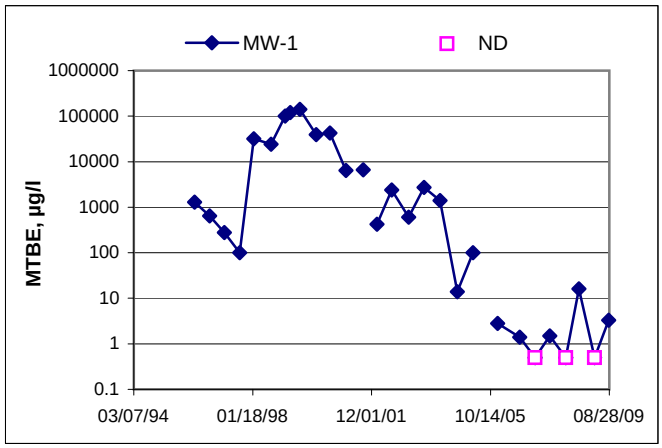
Benzene Concentrations vs Time

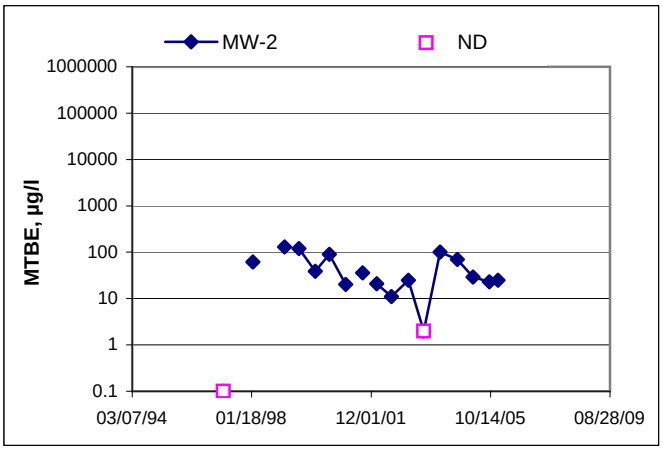
76 Station 6419

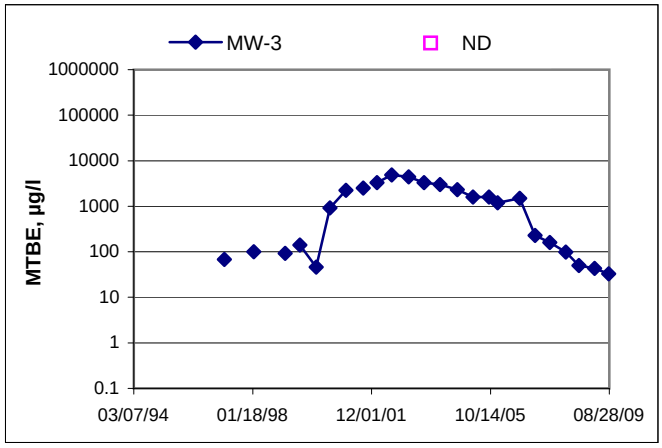


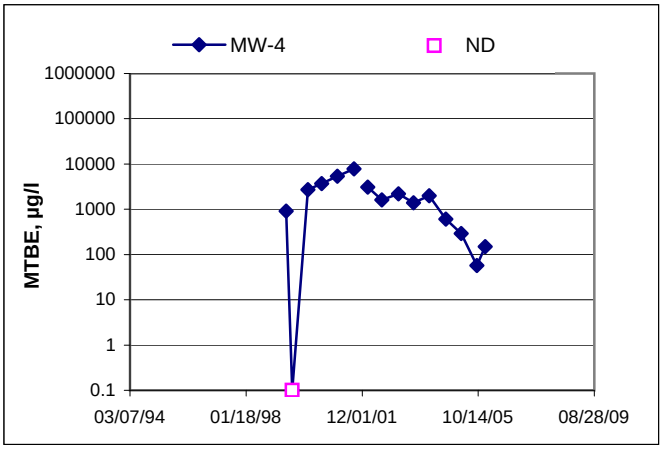
MTBE Concentrations vs Time

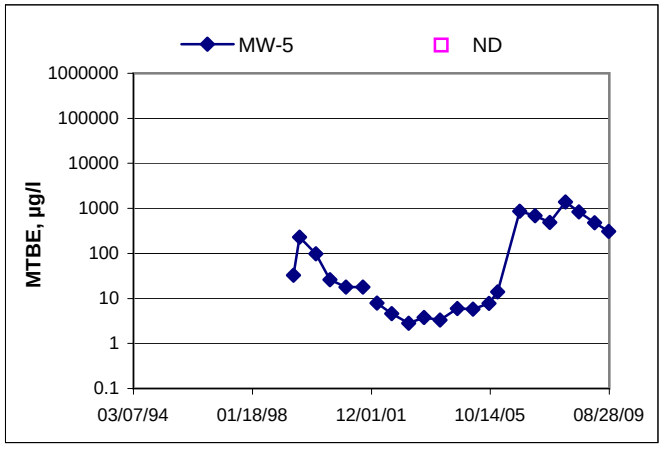
76 Station 6419

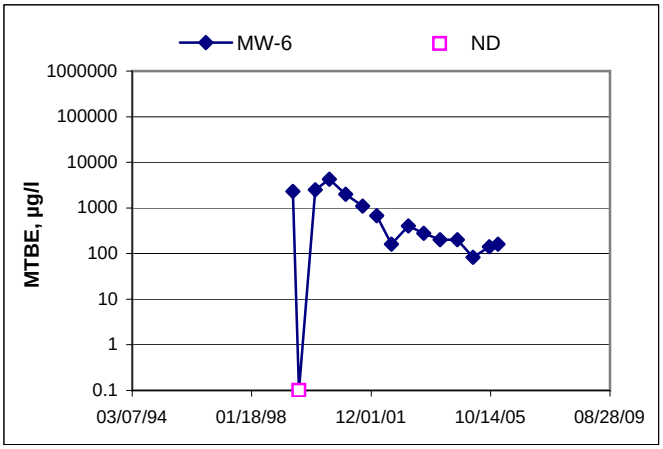


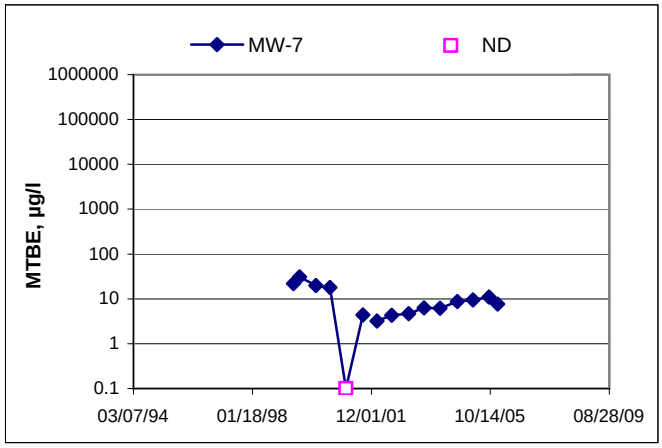


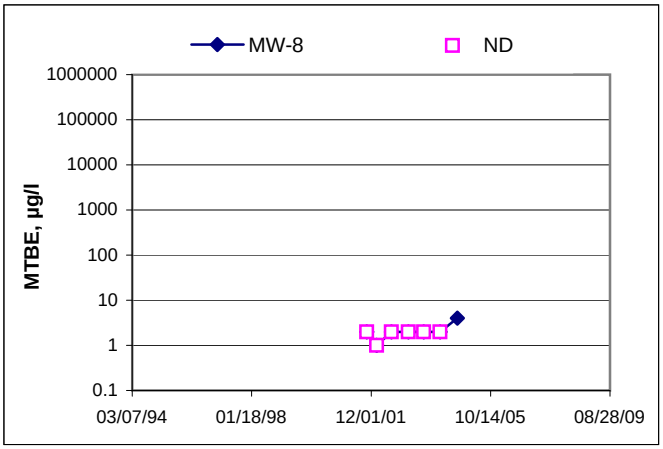






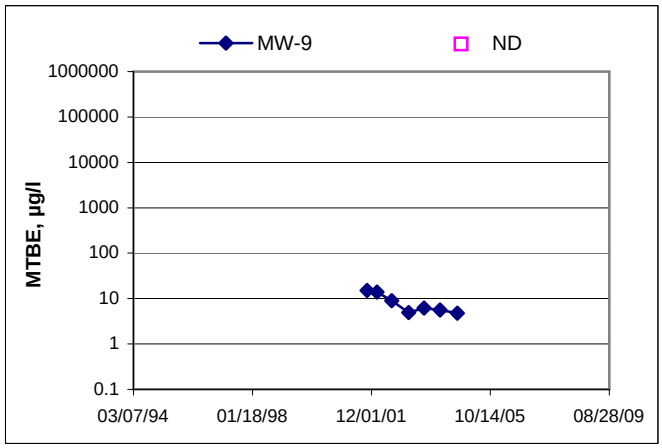






MTBE Concentrations vs Time

76 Station 6419



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.

FIELD MONITORING DATA SHEET

Technician: JOE Job #/Task #: 165521/FA20 Date: 08-21-09

Site # 6419 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-1	X	0900	9.25	7.50	—	—	1028	2"
MW-3	X	0905	13.46	8.04	—	—	1012	2"
MW-5	X	0909	19.36	7.90	—	—	1023	2"

FIELD DATA COMPLETE / QA/QC / COC / WELL BOX CONDITION SHEETS

MANIFEST / DRUM INVENTORY / TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 6419 Project No.: 165521 Date: 08-21-08

Well No MW-1 Purge Method: DTA

Depth to Water (feet): 7.50 Depth to Product (feet): —

Total Depth (feet) 9.25 LPH & Water Recovered (gallons): —

Water Column (feet): 1.75 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 7.85 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									
0923			1	1258	21.6	7.58			
	0925		2	1269	21.9	7.59			
1004	1007		3	1292	24.1	7.61			

Static at Time Sampled	Total Gallons Purged	Sample Time
7.72	3	1028

Comments: Dry at 2 Gals. ~~Hand Bail~~ Well recharged with in 45 min. Hand Bailed last Gal.

Well No MW-3 Purge Method: DTA ~~DTA~~ HB

Depth to Water (feet): 8.04 Depth to Product (feet): —

Total Depth (feet) 18.46 LPH & Water Recovered (gallons): —

Water Column (feet): 10.42 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 10.12 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									
0931			2	2562	23.0	7.02			
			4	2568	22.7	6.89			
	0940		6	2434	22.6	6.94			

Static at Time Sampled	Total Gallons Purged	Sample Time
8.31	6	1012

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 6419 Project No.: 165521 Date: 08-21-09

Well No. MW-5 Purge Method: DTA

Depth to Water (feet): 7.90 Depth to Product (feet): —

Total Depth (feet) 19.36 LPH & Water Recovered (gallons): —

Water Column (feet): 11.46 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 10.19 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									
0946			2	1585	23.8	7.43			
			4	1641	23.0	7.19			
	0956		6	1740	21.7	7.07			

Static at Time Sampled	Total Gallons Purged	Sample Time
7.92	6	1023

Comments:

Well No. Purge Method:

Depth to Water (feet): Depth to Product (feet):

Total Depth (feet) LPH & Water Recovered (gallons):

Water Column (feet): Casing Diameter (Inches):

80% Recharge Depth(feet): 1 Well Volume (gallons):

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									

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 08/27/2009

Anju Farfan

TRC
21 Technology Drive
Irvine, CA 92618

RE: 6419
BC Work Order: 0911073
Invoice ID: B067075

Enclosed are the results of analyses for samples received by the laboratory on 8/21/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

TRC	Project: 6419	**Reported:** 08/27/2009 11:27
21 Technology Drive	Project Number: 4510932387	
Irvine, CA 92618	Project Manager: Anju Farfan	

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0911073-01	**COC Number:**	---	**Receive Date:**	08/21/2009 18:50	Delivery Work Order:
	Project Number:	6419	**Sampling Date:**	08/21/2009 10:28	Global ID: T0600101443
	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:
0911073-02	**COC Number:**	---	**Receive Date:**	08/21/2009 18:50	Delivery Work Order:
	Project Number:	6419	**Sampling Date:**	08/21/2009 10:12	Global ID: T0600101443
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-3
	Sampling Point:	MW-3	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:
0911073-03	**COC Number:**	---	**Receive Date:**	08/21/2009 18:50	Delivery Work Order:
	Project Number:	6419	**Sampling Date:**	08/21/2009 10:23	Global ID: T0600101443
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): MW-5
	Sampling Point:	MW-5	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	TRCI			Sample QC Type (SACode): CS
					Cooler ID:

TRC
21 Technology Drive
Irvine, CA 92618

Project: 6419
Project Number: 4510932387
Project Manager: Anju Farfan

Reported: 08/27/2009 11:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0911073-01 | **Client Sample Name:** 6419, MW-1, 8/21/2009 10:28:00AM

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	08/25/09	08/26/09 06:06	KEA	MS-V12	1	BSH1417	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/25/09	08/26/09 06:06	KEA	MS-V12	1	BSH1417	ND	
Methyl t-butyl ether	**3.3**	**ug/L**	**0.50**		**EPA-8260**	**08/25/09**	**08/26/09 06:06**	**KEA**	**MS-V12**	**1**	**BSH1417**	**ND**	
Toluene	ND	ug/L	0.50		EPA-8260	08/25/09	08/26/09 06:06	KEA	MS-V12	1	BSH1417	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/25/09	08/26/09 06:06	KEA	MS-V12	1	BSH1417	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/25/09	08/26/09 06:06	KEA	MS-V12	1	BSH1417	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	08/25/09	08/26/09 06:06	KEA	MS-V12	1	BSH1417	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 06:06	KEA	MS-V12	1	BSH1417		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 06:06	KEA	MS-V12	1	BSH1417		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 06:06	KEA	MS-V12	1	BSH1417		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 6419
Project Number: 4510932387
Project Manager: Anju Farfan

Reported: 08/27/2009 11:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0911073-02 | **Client Sample Name:** 6419, MW-3, 8/21/2009 10:12:00AM

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	08/25/09	08/26/09 05:48	KEA	MS-V12	1	BSH1417	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/25/09	08/26/09 05:48	KEA	MS-V12	1	BSH1417	ND	
Methyl t-butyl ether	**33**	**ug/L**	**0.50**		**EPA-8260**	**08/25/09**	**08/26/09 05:48**	**KEA**	**MS-V12**	**1**	**BSH1417**	**ND**	
Toluene	ND	ug/L	0.50		EPA-8260	08/25/09	08/26/09 05:48	KEA	MS-V12	1	BSH1417	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/25/09	08/26/09 05:48	KEA	MS-V12	1	BSH1417	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/25/09	08/26/09 05:48	KEA	MS-V12	1	BSH1417	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	08/25/09	08/26/09 05:48	KEA	MS-V12	1	BSH1417	ND	
1,2-Dichloroethane-d4 (Surrogate)	95.4	%	76 - 114 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 05:48	KEA	MS-V12	1	BSH1417		
Toluene-d8 (Surrogate)	96.3	%	88 - 110 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 05:48	KEA	MS-V12	1	BSH1417		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 05:48	KEA	MS-V12	1	BSH1417		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 6419
Project Number: 4510932387
Project Manager: Anju Farfan

Reported: 08/27/2009 11:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0911073-03 | **Client Sample Name:** 6419, MW-5, 8/21/2009 10:23:00AM

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	08/25/09	08/26/09 05:29	KEA	MS-V12	1	BSH1417	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	08/25/09	08/26/09 05:29	KEA	MS-V12	1	BSH1417	ND	
Methyl t-butyl ether	**310**	**ug/L**	**2.5**		**EPA-8260**	**08/25/09**	**08/26/09 22:03**	**KEA**	**MS-V12**	**5**	**BSH1417**	**ND**	**A01**
Toluene	ND	ug/L	0.50		EPA-8260	08/25/09	08/26/09 05:29	KEA	MS-V12	1	BSH1417	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	08/25/09	08/26/09 05:29	KEA	MS-V12	1	BSH1417	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/25/09	08/26/09 05:29	KEA	MS-V12	1	BSH1417	ND	
Total Purgeable Petroleum Hydrocarbons	**260**	**ug/L**	**50**		**Luft-GC/MS**	**08/25/09**	**08/26/09 05:29**	**KEA**	**MS-V12**	**1**	**BSH1417**	**ND**	**A90**
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 22:03	KEA	MS-V12	5	BSH1417		
1,2-Dichloroethane-d4 (Surrogate)	97.6	%	76 - 114 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 05:29	KEA	MS-V12	1	BSH1417		
Toluene-d8 (Surrogate)	99.2	%	88 - 110 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 05:29	KEA	MS-V12	1	BSH1417		
Toluene-d8 (Surrogate)	97.5	%	88 - 110 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 22:03	KEA	MS-V12	5	BSH1417		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 05:29	KEA	MS-V12	1	BSH1417		
4-Bromofluorobenzene (Surrogate)	99.4	%	86 - 115 (LCL - UCL)		EPA-8260	08/25/09	08/26/09 22:03	KEA	MS-V12	5	BSH1417		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 6419
Project Number: 4510932387
Project Manager: Anju Farfan

Reported: 08/27/2009 11:27

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 RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BSH1417	Matrix Spike	0909743-69	0	23.190	25.000	ug/L		92.8		70 - 130	
		Matrix Spike Duplicate	0909743-69	0	23.990	25.000	ug/L	3.4	96.0	20	70 - 130	
Toluene	BSH1417	Matrix Spike	0909743-69	0	21.070	25.000	ug/L		84.3		70 - 130	
		Matrix Spike Duplicate	0909743-69	0	20.820	25.000	ug/L	1.2	83.3	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSH1417	Matrix Spike	0909743-69	ND	9.4800	10.000	ug/L		94.8		76 - 114	
		Matrix Spike Duplicate	0909743-69	ND	9.9800	10.000	ug/L		99.8		76 - 114	
Toluene-d8 (Surrogate)	BSH1417	Matrix Spike	0909743-69	ND	9.9800	10.000	ug/L		99.8		88 - 110	
		Matrix Spike Duplicate	0909743-69	ND	9.9100	10.000	ug/L		99.1		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSH1417	Matrix Spike	0909743-69	ND	9.7000	10.000	ug/L		97.0		86 - 115	
		Matrix Spike Duplicate	0909743-69	ND	10.190	10.000	ug/L		102		86 - 115	

TRC	Project: 6419	**Reported:** 08/27/2009 11:27
21 Technology Drive	Project Number: 4510932387	
Irvine, CA 92618	Project Manager: Anju Farfan	

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 Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BSH1417	BSH1417-BS1	LCS	23.220	25.000	0.50	ug/L	92.9		70 - 130		
Toluene	BSH1417	BSH1417-BS1	LCS	20.990	25.000	0.50	ug/L	84.0		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSH1417	BSH1417-BS1	LCS	10.100	10.000		ug/L	101		76 - 114		
Toluene-d8 (Surrogate)	BSH1417	BSH1417-BS1	LCS	10.210	10.000		ug/L	102		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSH1417	BSH1417-BS1	LCS	9.6700	10.000		ug/L	96.7		86 - 115		

TRC
21 Technology Drive
Irvine, CA 92618

Project: 6419
Project Number: 4510932387
Project Manager: Anju Farfan

Reported: 08/27/2009 11:27

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	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
Toluene	BSH1417	BSH1417-BLK1	ND	ug/L	0.50		
Total Xylenes	BSH1417	BSH1417-BLK1	ND	ug/L	1.0		
Ethanol	BSH1417	BSH1417-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BSH1417	BSH1417-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSH1417	BSH1417-BLK1	103	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSH1417	BSH1417-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSH1417	BSH1417-BLK1	96.8	%	86 - 115 (LCL - UCL)		

TRC	Project: 6419	**Reported:** 08/27/2009 11:27
21 Technology Drive	Project Number: 4510932387	
Irvine, CA 92618	Project Manager: Anju Farfan	

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.
A90	TPPH does not exhibit a "gasoline" pattern. TPPH is entirely due to MTBE.

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 1

Submission #: 09-11073

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 ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

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

COC Received ☑ YES ☐ NO

Emissivity: 0.98 Container: VOA Thermometer ID: TH080

Temperature: A 2.4 °C / C 2.4 °C

Date/Time 8/21/09 1900

Analyst Init JDW

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										
40ml VOA VIAL	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: JDW Date/Time: 8/21/09 1937

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

09-11073

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 6401 Dublin Blvd.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Dublin	**4-digit site#:** 6419
	Workorder # 02527-4510932387
State: CA **Zip:**	**Project #:** 165521
Conoco Phillips Mgr: Terry Grayson	**Sampler Name:** JOE

MATRIX: (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/~~OXYS~~ BY 8260B	ETHANOL by 8260B	TPH –G by GC/MS				Turnaround Time Requested
	1	MW-1	08-21-09 1028	GW					↓	↓	↓				STD
	2	MW-3	1012	↓											↓
	3	MW-5	1023												

CHK BY JSK DISTRIBUTION SHEET

Comments: Run 8 OXYS by 8260 on MTBE hit on MW-1 only

GLOBAL ID: T0600101443

Relinquished by: (Signature) Lee D. Lewis	Received by: Ross Dickey	Date & Time 08-21-09 1233
Relinquished by: (Signature) Ross Dickey 8/21/09	Received by: R Reynolds	Date & Time 8-21-09 1550
Relinquished by: (Signature) R Reynolds 8.21.09 1850	Received by:	Date & Time 8/21/09 1850

Receipt of Manifest
is Pending

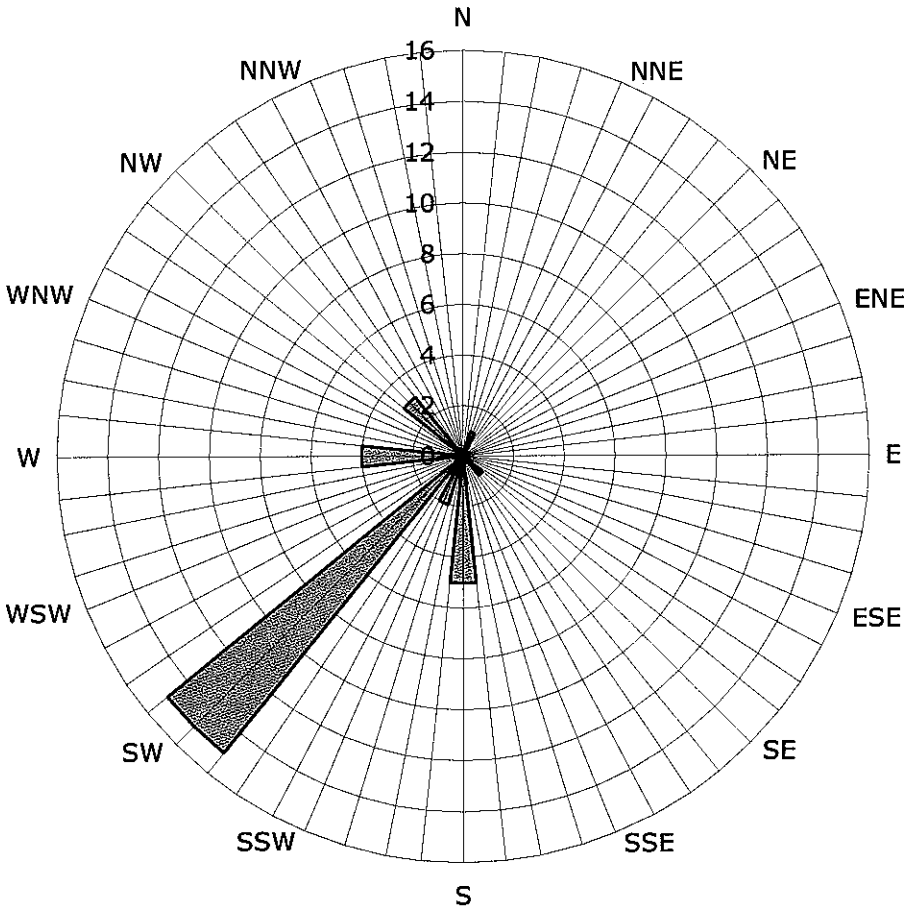
(September 11, 2009)

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.

Attachment B
Rose Diagram

Historic Groundwater Flow Directions
76 Station No. 6419
6401 Dublin Blvd.
Dublin, California



Legend
Groundwater flow directions are based on data from August 1994 to August 2009. 31 data points shown.

5748 ROSE DIAGRAM.xls