ConocoPhillips
76 Broadway
Sacramento, California 95818

October 31, 2007

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Report Transmittal**
Quarterly Status Report – Third Quarter 2007
76 Service Station #6419
6401 Dublin Blvd.
Dublin, CA

Dear Mr. Chan:

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

If you have any questions or need additional information, please contact me at (916) 558-7612.

Sincerely,

Bill Borgh

Bill Borgh
Site Manager – Risk Management and Remediation

Attachment

1590 Solano Way
#A
Concord, CA 94520

925.688.1200 PHONE
925.688.0388 FAX

www.TRCsolutions.com

October 31, 2007 TRC Project No. 153779

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Quarterly Status Report - Third Quarter 2007
76 Service Station #6419, 6401 Dublin Boulevard, Dublin, California
Alameda County

Dear Mr. Chan:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Third Quarter 2007 Status Report for the subject site, an active service station located on the western corner of Dublin Boulevard and Dougherty Road in Dublin, California. The site is bounded to the southeast 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 shopping 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 immediately east of the station building.

PREVIOUS ASSESSMENTS

September 1993: Two 10,000-gallon gasoline USTs, one 550-gallon waste oil UST, and the associated product piping were removed from the site with 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. Concentrations of petroleum hydrocarbons and volatile organic compounds (VOCs) 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 onsite monitoring wells were installed.

June 1999: Four onsite monitoring wells 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 offsite monitoring wells were installed to a depth of 20 feet bgs.

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

December 2004: Offsite 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: Onsite 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 the California Department of Water Resources (DWR) and the Zone 7 Water Agency records, four water supply wells were located within a one-half mile radius 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 Chabot Canal is located approximately 1,650 feet east of the Site

MONITORING AND SAMPLING

Three remaining onsite wells are currently monitored semi-annually during the first and third quarters. During this third quarter 2007, the groundwater flow direction was toward the south at a calculated hydraulic gradient of 0.02 feet per foot. Historically, groundwater flow at the site is to the southwest. A graph of historical groundwater flow directions is included in this report.

CHARACTERIZATION STATUS

Three wells were gauged and sampled this quarter. Total petroleum hydrocarbons as gasoline (TPH-g) were detected in two of the three remaining wells sampled at a maximum concentration of 300 micrograms per liter (µg/l) in onsite monitoring well MW-5. Benzene was not detected above laboratory reporting limits in any of the three remaining wells sampled. Methyl tertiary butyl ether (MTBE) was detected in the three wells sampled at a maximum concentration of 490 µg/l in onsite monitoring well MW-5.

REMEDIATION STATUS

September 1993: Approximately 19,000 gallons of groundwater were removed from the UST excavation and properly disposed offsite. 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 offsite. Two 12,000-gallon and one 520-gallon double-wall glasteel replacement USTs were installed in the same pit.

July 1998: A soil vapor extraction test was conducted. Approximately 0.53 pounds of TPH-g 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 thought 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 and removed from the site. Batch extractions were ended February 5, 2003, based on 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.

RECENT CORRESPONDENCE

July 3, 2007: TRC submitted a Sensitive Receptor Survey and File Review Report for the Site to the Alameda County Health Care Services.

CURRENT QUARTER ACTIVITIES

September 21, 2007: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

CONCLUSIONS AND RECOMMENDATIONS

TRC recommends installation of replacement monitoring wells, possibly within the right-of-way along Dougherty Road and Dublin Boulevard. However, additional well installation and offsite plume delineation is currently on hold pending completion of the current road widening project by the City of Dublin. In the interim, TRC recommends pursuing remedial alternatives to address onsite soil and groundwater impacts. A work plan for remediation feasibility testing will be submitted under separate cover.

TRC recommends continuing semi-annual monitoring and sampling of existing site wells to assess plume stability and concentration trends onsite.

Environmental consulting responsibilities for the Site are being transferred to Delta Consultants. Please direct all future questions regarding the Site to Delta Consultants project manager Daniel Davis at (916) 503-1260.

Sincerely,

Keith Woodburne, P.G.
Senior Project Manager

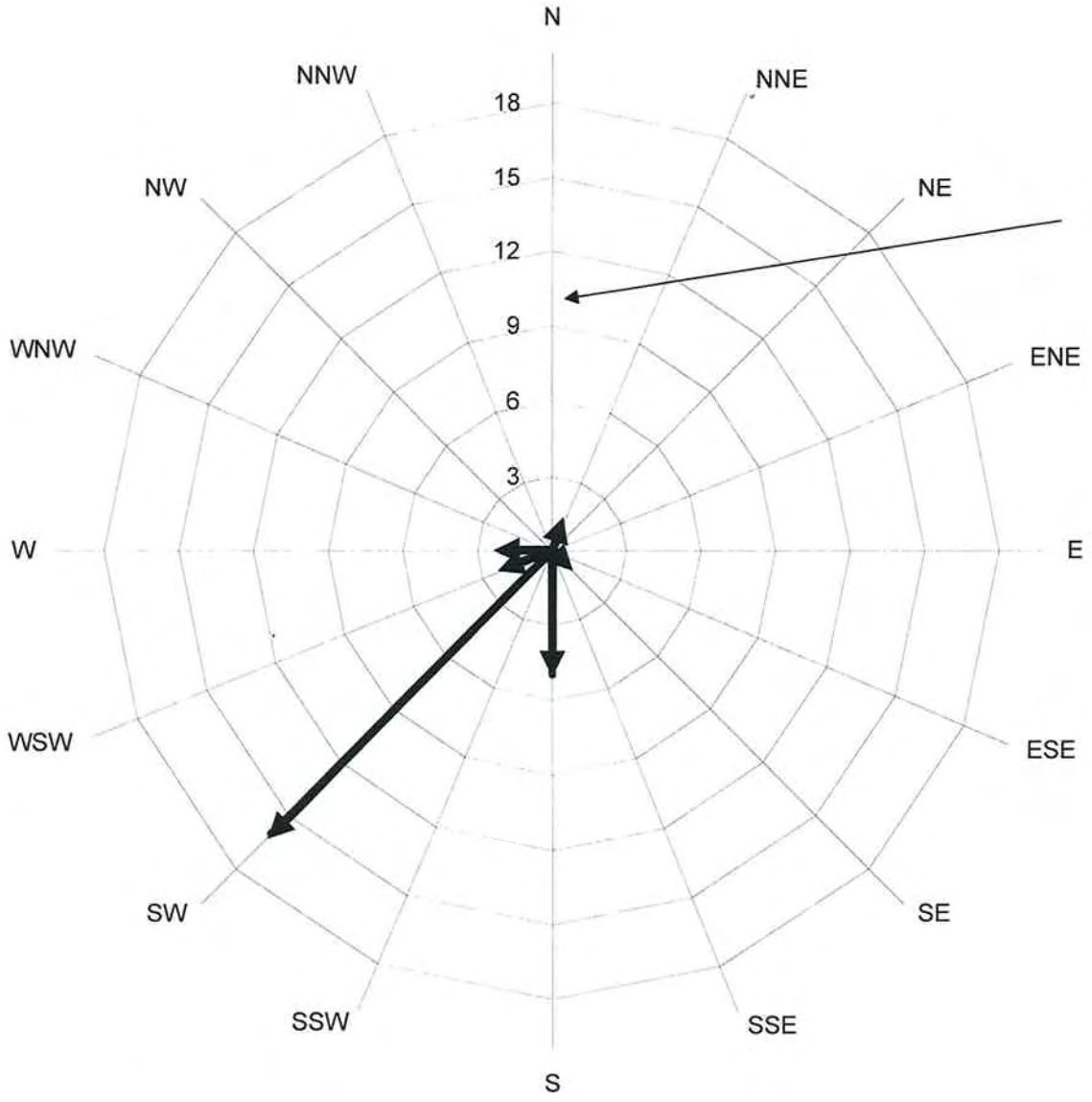
TRC

Attachments:

Semi-Annual Monitoring Report, April through September 2007 (TRC, October 12, 2007)
Historical Groundwater Flow Directions – September 1994 through September 2007

cc: Bill Borgh, ConocoPhillips (electronic upload only)

Historical Groundwater Flow Directions
for Tosco (76) Service Station No. 6419
September 1994 through September 2007



Number of monitoring events in which groundwater was reported to flow in a particular direction.

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: October 12, 2007

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. BILL BORGH

SITE: 76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2007

Dear Mr. Borgh:

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

CC: Mr. Keith Woodburne, TRC (2 copies)

Enclosures
20-0400/6419R09.QMS

SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2007

76 STATION 6419
6401 Dublin Boulevard
Dublin, California

Prepared For:

Mr. Bill Borgh
ConocoPhillips Company
76 Broadway
Sacramento, California 95818

By:

Senior Project Geologist, Irvine Operations

Date: 10/12/07

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
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 - 9/21/07 Groundwater Sampling Field Notes - 9/21/07
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April through September 2007
76 Station 6419
6401 Dublin Boulevard
Dublin, CA

Project Coordinator: **Bill Borgh**
Telephone: **916-558-7612**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **9/21/07**

Sample Points

Groundwater wells: **3** onsite, **0** offsite Wells gauged: **3** Wells sampled: **3**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **9.38 feet** Maximum: **9.93 feet**
Average groundwater elevation (relative to available local datum): **320.66 feet**
Average change in groundwater elevation since previous event: **-0.98 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.02 ft/ft, south**
Previous event: **0.01 ft/ft, west (3/29/07)**

Selected Laboratory Results

Wells with detected **Benzene:** **0** Wells above MCL (1.0 µg/l): **n/a**
Maximum reported benzene concentration: **n/a**

Wells with **TPH-G by GC/MS** **2** Maximum: **300 µg/l (MW-5)**
Wells with **MTBE 8260B** **3** Maximum: **490 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)

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-)
DNA	=	data not available

NOTES

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

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 (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments	
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 (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments	
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	Zinc (total)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 21, 2007

76 Station 6419

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1		**(Screen Interval in feet: 4.0-19.0)**												
9/21/2007	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	
MW-3		**(Screen Interval in feet: 4.0-20.0)**												
9/21/2007	330.59	9.38	0.00	321.21	-0.56	--	140	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	160	
MW-5		**(Screen Interval in feet: 4.0-19.0)**												
9/21/2007	330.18	9.66	0.00	320.52	-0.84	--	300	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	490	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 6419

Date Sampled	Ethanol (8260B)
	(µg/l)
MW-1	
9/21/2007	ND<250
MW-3	
9/21/2007	ND<250
MW-5	
9/21/2007	ND<250

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through September 2007

76 Station 6419

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1	**(Screen Interval in feet: 4.0-19.0)**													
3/14/1994	330.45	7.27	0.00	323.18	--	1800	--	17	ND	ND	ND	--	--	
8/25/1994	330.45	8.57	0.00	321.88	-1.30	9200	--	48	ND	540	ND	--	--	
9/30/1994	330.45	8.78	0.00	321.67	-0.21	--	--	--	--	--	--	--	--	
10/20/1994	330.45	8.98	0.00	321.47	-0.20	--	--	--	--	--	--	--	--	
11/18/1994	330.45	7.69	0.00	322.76	1.29	5100	--	33	ND	560	38	--	--	
12/20/1994	330.45	7.58	0.00	322.87	0.11	--	--	--	--	--	--	--	--	
1/17/1995	330.45	6.03	0.00	324.42	1.55	--	--	--	--	--	--	--	--	
2/15/1995	330.45	6.29	0.00	324.16	-0.26	3300	--	13	ND	180	5.2	--	--	
3/13/1995	330.45	5.64	0.00	324.81	0.65	--	--	--	--	--	--	--	--	
4/6/1995	330.45	5.62	0.00	324.83	0.02	--	--	--	--	--	--	--	--	
5/17/1995	330.45	6.26	0.00	324.19	-0.64	130	--	0.75	ND	1.5	ND	--	--	
6/15/1995	330.45	6.75	0.00	323.70	-0.49	--	--	--	--	--	--	--	--	
8/25/1995	330.45	7.91	0.00	322.54	-1.16	490	--	9.1	ND	21	2	--	--	
11/28/1995	330.45	9.03	0.00	321.42	-1.12	1400	--	18	3	98	3.6	--	--	
2/26/1996	330.45	5.77	0.00	324.68	3.26	560	--	9.3	ND	22	ND	1300	--	
8/23/1996	330.45	7.78	0.00	322.67	-2.01	ND	--	ND	ND	ND	ND	640	--	
2/17/1997	330.23	5.73	0.00	324.50	1.83	120	--	1	0.95	ND	ND	280	--	
8/18/1997	330.23	7.38	0.00	322.85	-1.65	ND	--	ND	ND	ND	ND	100	--	
2/2/1998	330.23	5.10	0.00	325.13	2.28	ND	--	130	ND	ND	ND	32000	--	
8/24/1998	330.23	6.73	0.00	323.50	-1.63	ND	--	ND	ND	ND	ND	26000	24000	
2/10/1999	330.23	5.46	0.00	324.77	1.27	ND	--	ND	ND	ND	ND	84000	100000	
4/12/1999	330.23	6.38	0.00	323.85	-0.92	ND	--	ND	ND	ND	ND	140000	120000	
5/21/1999	330.21	5.95	0.00	324.26	0.41	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through September 2007

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 (8015M) (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														
8/2/1999	330.21	6.75	0.00	323.46	-0.80	ND	--	ND	ND	ND	ND	91000	140000	
2/11/2000	330.21	6.44	0.00	323.77	0.31	ND	--	ND	ND	ND	ND	38000	39000	
7/26/2000	330.18	7.08	0.00	323.10	-0.67	146	--	ND	ND	ND	ND	30900	42800	
2/2/2001	330.18	6.99	0.00	323.19	0.09	ND	--	ND	ND	ND	ND	5380	6430	
5/16/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	
8/24/2001	330.18	7.72	0.00	322.46	--	ND<50	--	8.3	ND<0.50	ND<0.50	ND<0.50	10000	6600	
10/11/2001	330.17	7.72	0.00	322.45	-0.01	--	--	--	--	--	--	--	--	
2/6/2002	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	
7/30/2002	330.17	7.45	0.00	322.72	-1.02	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	2400	
2/17/2003	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	
8/18/2003	330.17	6.25	0.00	323.92	-0.07	--	3900	ND<20	ND<20	ND<20	ND<40	--	2700	
2/24/2004	330.17	5.59	0.00	324.58	0.66	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	1400	
9/17/2004	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	
3/22/2005	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	
9/29/2005	330.17	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
1/9/2006	330.17	7.05	0.00	323.12	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	
9/27/2006	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	
3/29/2007	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	
9/21/2007	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	
MW-2	**(Screen Interval in feet: 4.0-20.0)**													
3/14/1994	330.40	7.23	0.00	323.17	--	ND	--	ND	2.8	1.1	8	--	--	
8/25/1994	330.40	8.41	0.00	321.99	-1.18	ND	--	ND	ND	ND	ND	--	--	
9/30/1994	330.40	8.73	0.00	321.67	-0.32	--	--	--	--	--	--	--	--	
10/20/1994	330.40	8.92	0.00	321.48	-0.19	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through September 2007

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 (8015M) (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														
11/18/1994	330.40	7.67	0.00	322.73	1.25	ND	--	ND	ND	ND	ND	--	--	
12/20/1994	330.40	7.48	0.00	322.92	0.19	--	--	--	--	--	--	--	--	
1/17/1995	330.40	6.00	0.00	324.40	1.48	--	--	--	--	--	--	--	--	
2/15/1995	330.40	6.16	0.00	324.24	-0.16	ND	--	ND	ND	ND	ND	--	--	
3/13/1995	330.40	5.59	0.00	324.81	0.57	--	--	--	--	--	--	--	--	
4/6/1995	330.40	5.51	0.00	324.89	0.08	--	--	--	--	--	--	--	--	
5/17/1995	330.40	6.15	0.00	324.25	-0.64	ND	--	ND	ND	ND	ND	--	--	
6/15/1995	330.40	6.61	0.00	323.79	-0.46	--	--	--	--	--	--	--	--	
8/25/1995	330.40	7.45	0.00	322.95	-0.84	ND	--	ND	ND	ND	ND	--	--	
11/28/1995	330.40	8.85	0.00	321.55	-1.40	ND	--	ND	ND	ND	ND	--	--	
2/26/1996	330.40	5.49	0.00	324.91	3.36	ND	--	ND	ND	ND	ND	--	--	
8/23/1996	330.40	7.44	0.00	322.96	-1.95	--	--	--	--	--	--	--	--	SAMPLED ANNUALLY
2/17/1997	330.27	5.64	0.00	324.63	1.67	ND	--	ND	ND	ND	ND	ND	--	
8/18/1997	330.27	7.40	0.00	322.87	-1.76	--	--	--	--	--	--	--	--	
2/2/1998	330.27	5.09	0.00	325.18	2.31	ND	--	ND	ND	ND	ND	62	--	
8/24/1998	330.27	6.70	0.00	323.57	-1.61	--	--	--	--	--	--	--	--	
2/10/1999	330.27	5.56	0.00	324.71	1.14	ND	--	ND	ND	ND	ND	130	--	
5/21/1999	330.30	5.98	0.00	324.32	-0.39	--	--	--	--	--	--	--	--	
8/2/1999	330.30	6.72	0.00	323.58	-0.74	ND	--	ND	ND	ND	ND	120	--	
2/11/2000	330.30	6.43	0.00	323.87	0.29	ND	--	ND	ND	ND	ND	39	--	
7/26/2000	330.24	7.03	0.00	323.21	-0.66	ND	--	ND	ND	ND	ND	89.9	--	
2/2/2001	330.24	6.81	0.00	323.43	0.22	ND	--	ND	ND	ND	ND	20.1	--	
5/16/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	
8/24/2001	330.24	7.57	0.00	322.67	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	36	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through September 2007

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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 (8015M) (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														
10/11/2001	330.24	7.62	0.00	322.62	-0.05	--	--	--	--	--	--	--	--	
2/6/2002	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	
7/30/2002	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	
2/17/2003	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	
8/18/2003	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	
2/24/2004	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	
9/17/2004	330.24	7.22	0.00	323.02	-1.35	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	70	
3/22/2005	330.24	5.55	0.00	324.69	1.67	--	110	ND<0.50	1.3	0.68	2.4	--	29	
9/29/2005	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	
1/9/2006	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	
9/27/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-3	**(Screen Interval in feet: 4.0-20.0)**													
3/14/1994	331.11	7.93	0.00	323.18	--	150	--	ND	ND	ND	ND	--	--	
8/25/1994	331.11	9.20	0.00	321.91	-1.27	130	--	ND	ND	ND	ND	--	--	
9/30/1994	331.11	9.43	0.00	321.68	-0.23	--	--	--	--	--	--	--	--	
10/20/1994	331.11	9.64	0.00	321.47	-0.21	--	--	--	--	--	--	--	--	
11/18/1994	331.11	8.39	0.00	322.72	1.25	130	--	ND	ND	ND	ND	--	--	
12/20/1994	331.11	8.20	0.00	322.91	0.19	--	--	--	--	--	--	--	--	
1/17/1995	331.11	6.72	0.00	324.39	1.48	--	--	--	--	--	--	--	--	
2/15/1995	331.11	6.93	0.00	324.18	-0.21	130	--	ND	ND	ND	ND	--	--	
3/13/1995	331.11	6.30	0.00	324.81	0.63	--	--	--	--	--	--	--	--	
4/6/1995	331.11	8.20	0.00	322.91	-1.90	--	--	--	--	--	--	--	--	
5/17/1995	331.11	6.88	0.00	324.23	1.32	99	--	ND	ND	ND	ND	--	--	
6/15/1995	331.11	7.35	0.00	323.76	-0.47	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through September 2007

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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 (8015M) (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														
8/25/1995	331.11	8.20	0.00	322.91	-0.85	ND	--	ND	ND	ND	ND	--	--	
11/28/1995	331.11	9.52	0.00	321.59	-1.32	ND	--	ND	ND	ND	ND	--	--	
2/26/1996	331.11	6.25	0.00	324.86	3.27	ND	--	ND	ND	ND	ND	--	--	
8/23/1996	331.11	7.98	0.00	323.13	-1.73	--	--	--	--	--	--	--	--	SAMPLED ANNUALLY
2/17/1997	330.68	6.07	0.00	324.61	1.48	ND	--	ND	ND	ND	ND	68	--	
8/18/1997	330.68	7.82	0.00	322.86	-1.75	--	--	--	--	--	--	--	--	
2/2/1998	330.68	5.50	0.00	325.18	2.32	ND	--	ND	ND	ND	ND	100	--	
8/24/1998	330.68	7.12	0.00	323.56	-1.62	--	--	--	--	--	--	--	--	
2/10/1999	330.68	5.80	0.00	324.88	1.32	ND	--	ND	ND	ND	ND	92	--	
5/21/1999	330.49	6.16	0.00	324.33	-0.55	--	--	--	--	--	--	--	--	
8/2/1999	330.49	6.95	0.00	323.54	-0.79	ND	--	ND	ND	ND	ND	140	--	
2/11/2000	330.49	6.71	0.00	323.78	0.24	ND	--	ND	ND	ND	ND	46	--	
7/26/2000	330.60	7.35	0.00	323.25	-0.53	ND	--	ND	ND	ND	ND	927	--	
2/2/2001	330.60	7.17	0.00	323.43	0.18	ND	--	ND	ND	ND	ND	2240	--	
5/16/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	
8/24/2001	330.60	7.88	0.00	322.72	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2500	--	
10/11/2001	330.59	7.83	0.00	322.76	0.04	--	--	--	--	--	--	--	--	
2/6/2002	330.59	6.73	0.00	323.86	1.10	ND<1000	--	ND<10	ND<10	ND<10	ND<10	4300	3300	
7/30/2002	330.59	7.38	0.00	323.21	-0.65	--	ND<2500	ND<25	ND<25	ND<25	ND<50	--	4900	
2/17/2003	330.59	6.49	0.00	324.10	0.89	--	ND<2500	ND<25	ND<25	ND<25	ND<50	--	4400	
8/18/2003	330.59	6.70	0.00	323.89	-0.21	--	4400	ND<20	ND<20	ND<20	ND<40	--	3300	
2/24/2004	330.59	6.11	0.00	324.48	0.59	--	ND<2500	ND<25	ND<25	ND<25	ND<50	--	3000	
9/17/2004	330.59	7.61	0.00	322.98	-1.50	--	ND<1300	ND<13	ND<13	ND<13	ND<25	--	2300	
3/22/2005	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	

Table 2

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (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														
9/29/2005	330.59	9.24	0.00	321.35	-3.45	--	680	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1600	
1/9/2006	330.59	7.74	0.00	322.85	1.50	--	410	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1200	
9/27/2006	330.59	8.54	0.00	322.05	-0.80	--	780	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1500	
3/29/2007	330.59	8.82	0.00	321.77	-0.28	--	230	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	230	
9/21/2007	330.59	9.38	0.00	321.21	-0.56	--	140	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	160	
MW-4	**(Screen Interval in feet: 4.0-19.0)**													
5/21/1999	330.36	6.43	0.00	323.93	--	ND	--	ND	ND	ND	ND	960	910	
8/2/1999	330.36	7.34	0.00	323.02	-0.91	ND	--	10	ND	13	11	ND	--	
2/11/2000	330.36	6.92	0.00	323.44	0.42	ND	--	ND	ND	ND	ND	2700	--	
7/26/2000	330.35	7.68	0.00	322.67	-0.77	ND	--	ND	ND	ND	ND	3710	--	
2/2/2001	330.35	7.40	0.00	322.95	0.28	ND	--	ND	ND	ND	ND	5340	--	
8/24/2001	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	--	
10/11/2001	330.35	8.29	0.00	322.06	-0.15	--	--	--	--	--	--	--	--	
2/6/2002	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	
7/30/2002	330.35	7.76	0.00	322.59	-0.48	--	ND<500	ND<5.0	ND<5.0	5.8	ND<10	--	1600	
2/17/2003	330.35	6.85	0.00	323.50	0.91	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	2200	
8/18/2003	330.35	7.30	0.00	323.05	-0.45	--	2000	ND<10	ND<10	ND<10	ND<20	--	1400	
2/24/2004	330.35	6.55	0.00	323.80	0.75	--	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2000	
9/17/2004	330.35	8.00	0.00	322.35	-1.45	--	340	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	610	
3/22/2005	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	
9/29/2005	330.35	9.43	0.00	320.92	-3.06	--	84	ND<0.50	ND<0.50	0.53	ND<1.0	--	57	
1/9/2006	330.35	7.97	0.00	322.38	1.46	--	100	ND<0.50	ND<0.50	1.5	ND<1.0	--	150	
9/27/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through September 2007

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 (8015M) (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	**(Screen Interval in feet: 4.0-19.0)**													
5/21/1999	330.20	5.99	0.00	324.21	--	ND	--	ND	ND	ND	ND	32	33	
8/2/1999	330.20	6.83	0.00	323.37	-0.84	ND	--	ND	ND	ND	ND	230	--	
2/11/2000	330.20	6.34	0.00	323.86	0.49	ND	--	ND	ND	ND	ND	98	--	
7/26/2000	330.20	7.06	0.00	323.14	-0.72	ND	--	ND	ND	ND	ND	25.9	--	
2/2/2001	330.20	6.81	0.00	323.39	0.25	ND	--	ND	ND	ND	ND	18	--	
8/24/2001	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	--	
10/11/2001	330.18	7.34	0.00	322.84	0.24	--	--	--	--	--	--	--	--	
2/6/2002	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	
7/30/2002	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	
2/17/2003	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	
8/18/2003	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	
2/24/2004	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	
9/17/2004	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	
3/22/2005	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	
9/29/2005	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	
1/9/2006	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	
9/27/2006	330.18	8.60	0.00	321.58	-0.67	--	300	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	860	
3/29/2007	330.18	8.82	0.00	321.36	-0.22	--	520	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	690	
9/21/2007	330.18	9.66	0.00	320.52	-0.84	--	300	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	490	
MW-6	**(Screen Interval in feet: 4.0-19.0)**													
5/21/1999	330.49	6.24	0.00	324.25	--	ND	--	ND	ND	ND	ND	2200	2300	
8/2/1999	330.49	7.10	0.00	323.39	-0.86	ND	--	ND	ND	ND	ND	ND	--	
2/11/2000	330.49	6.60	0.00	323.89	0.50	ND	--	ND	ND	ND	ND	2500	--	

Table 2

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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (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														
7/26/2000	330.49	7.31	0.00	323.18	-0.71	ND	--	ND	ND	ND	ND	4280	--	
2/2/2001	330.49	7.02	0.00	323.47	0.29	ND	--	ND	ND	ND	ND	1990	--	
8/24/2001	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	--	
10/11/2001	330.47	8.03	0.00	322.44	-0.21	--	--	--	--	--	--	--	--	
2/6/2002	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	
7/30/2002	330.47	7.40	0.00	323.07	-0.62	--	180	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
2/17/2003	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	
8/18/2003	330.47	6.81	0.00	323.66	-0.32	--	320	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	280	
2/24/2004	330.47	6.11	0.00	324.36	0.70	--	130	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
9/17/2004	330.47	7.64	0.00	322.83	-1.53	--	110	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
3/22/2005	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	
9/29/2005	330.47	9.19	0.00	321.28	-3.38	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
1/9/2006	330.47	7.65	0.00	322.82	1.54	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
9/27/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-7	**(Screen Interval in feet: 4.0-19.0)**													
5/21/1999	330.43	6.13	0.00	324.30	--	ND	--	ND	ND	ND	ND	22	22	
8/2/1999	330.43	6.92	0.00	323.51	-0.79	ND	--	ND	ND	ND	ND	31	--	
2/11/2000	330.43	6.50	0.00	323.93	0.42	ND	--	ND	ND	ND	ND	20	--	
7/26/2000	330.43	7.18	0.00	323.25	-0.68	ND	--	ND	ND	ND	ND	17.9	--	
2/2/2001	330.43	6.95	0.00	323.48	0.23	ND	--	ND	ND	ND	ND	ND	--	
8/24/2001	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	--	
10/11/2001	330.41	7.87	0.00	322.54	-0.17	--	--	--	--	--	--	--	--	
2/6/2002	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	
7/30/2002	330.41	--	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	

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 (8015M) (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														
2/17/2003	330.41	--	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.7	
8/18/2003	330.41	6.64	0.00	323.77	--	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.3	
2/24/2004	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	
9/17/2004	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	
3/22/2005	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	
9/29/2005	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	
1/9/2006	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	
9/27/2006	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-8	**(Screen Interval in feet: DNA)**													
10/11/2001	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	
2/6/2002	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	
7/30/2002	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	
2/17/2003	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	
8/18/2003	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	
2/24/2004	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	
9/17/2004	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	
3/22/2005	329.97	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned
MW-9	**(Screen Interval in feet: DNA)**													
10/11/2001	329.51	7.12	0.00	322.39	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	22	15	
2/6/2002	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	
7/30/2002	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	
2/17/2003	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	
8/18/2003	329.51	5.99	0.00	323.52	-0.36	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1	--	6.2	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through September 2007

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 (8015M) (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														
2/24/2004	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	
9/17/2004	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	
3/22/2005	329.51	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (total)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-1															
3/14/1994	810	--	--	--	--	--	--	--	ND	0.000012	ND	0.00003	0.039	--	--
8/25/1994	910	--	--	--	--	--	--	--	ND	ND	0.024	ND	--	--	--
11/18/1994	910	--	--	--	--	--	--	--	ND	0.067	ND	0.067	--	--	--
2/15/1995	660	--	--	--	--	--	--	--	ND	ND	ND	ND	--	4.3	--
5/17/1995	200	--	--	--	--	--	--	--	ND	ND	ND	0.021	--	1.2	--
8/25/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	2.71	--
11/28/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	3.25	--
2/26/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	1.41	5.23
8/23/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.83
2/17/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	0.78	0.82
8/18/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	2.35	1.28
7/26/2000	--	ND	--	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
5/16/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.54
8/24/2001	--	ND<1000	ND<25000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--	--	--	3.1	--
2/6/2002	--	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--	--	--
7/30/2002	--	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--	--	--	--	--
2/17/2003	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--	--	--	--
8/18/2003	--	ND<4000	ND<20000	ND<80	ND<80	ND<80	ND<80	ND<80	--	--	--	--	--	--	--
2/24/2004	--	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--	--	--	--	--
9/17/2004	--	470	ND<50	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--	--	--	--	--	--
3/22/2005	--	ND<5.0	ND<50	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	--	--	--
1/9/2006	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
9/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
3/29/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
9/21/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--

MW-2

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (total)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-2 continued															
2/15/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9	--
2/26/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	0.43	0.62
8/23/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.04
2/17/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	0.82	0.9
8/18/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.16
5/16/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.47
8/24/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	--
2/6/2002	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--
8/18/2003	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
2/24/2004	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2004	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
3/22/2005	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
9/29/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
1/9/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-3															
2/15/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	--
3/13/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	1.13	--
8/25/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	1.86	--
11/28/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	6.81	--
2/26/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	1.11	16.83
8/23/1996	--	--	--	--	--	--	--	--	--	--	--	--	--	--	3.29
2/17/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	0.8	0.8
8/18/1997	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.43
5/16/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	1.65
8/24/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	2.60	--
2/6/2002	--	ND<670	ND<17000	ND<33	ND<33	ND<33	ND<33	ND<33	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (total)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-3 continued															
8/18/2003	--	--	ND<20000	--	--	--	--	--	--	--	--	--	--	--	--
2/24/2004	--	--	ND<25000	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2004	--	--	ND<1300	--	--	--	--	--	--	--	--	--	--	--	--
3/22/2005	--	--	ND<1300	--	--	--	--	--	--	--	--	--	--	--	--
9/29/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
1/9/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
9/27/2006	--	--	ND<2500	--	--	--	--	--	--	--	--	--	--	--	--
3/29/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
9/21/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-4															
8/24/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	2.3	--
2/6/2002	--	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--	--	--	--	--
8/18/2003	--	--	ND<10000	--	--	--	--	--	--	--	--	--	--	--	--
2/24/2004	--	--	ND<20000	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2004	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
3/22/2005	--	--	ND<200	--	--	--	--	--	--	--	--	--	--	--	--
9/29/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
1/9/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-5															
8/24/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	2.1	--
2/6/2002	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--
8/18/2003	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
2/24/2004	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2004	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
3/22/2005	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
9/29/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--

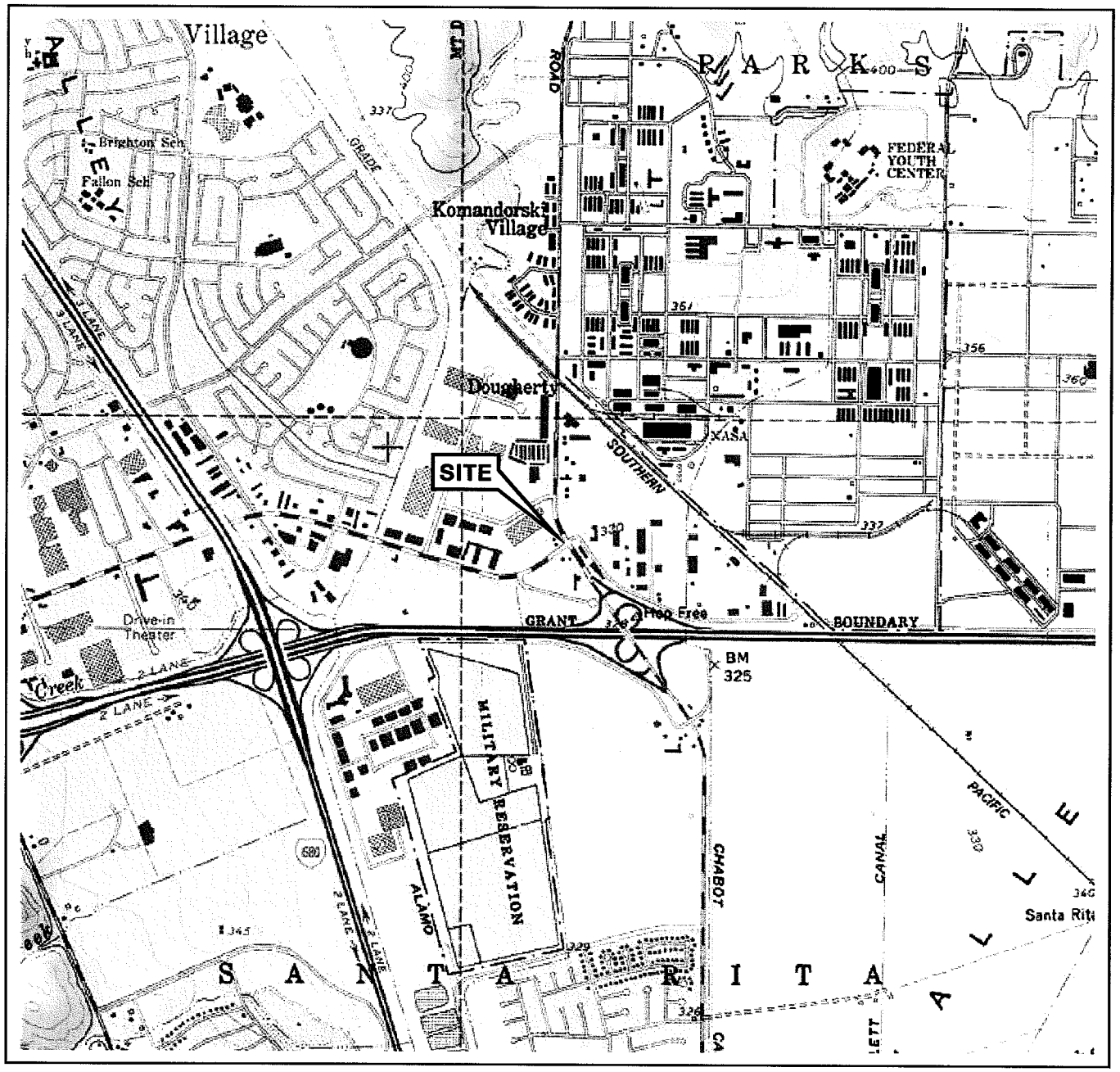
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (total)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-5 continued															
1/9/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
9/27/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
3/29/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
9/21/2007	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-6															
5/21/1999	--	ND<170	--	--	--	ND<8.3	ND<8.3	ND<8.3	--	--	--	--	--	--	--
8/24/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	2.7	--
2/6/2002	--	ND<170	ND<4200	ND<8.3	ND<8.3	ND<8.3	ND<8.3	ND<8.3	--	--	--	--	--	--	--
8/18/2003	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
2/24/2004	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2004	--	--	ND<100	--	--	--	--	--	--	--	--	--	--	--	--
3/22/2005	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
9/29/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
1/9/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-7															
8/24/2001	--	--	--	--	--	--	--	--	--	--	--	--	--	2.7	--
2/6/2002	--	ND<20	ND<500	ND<1.0	ND<1.0	1.4	ND<1.0	ND<1.0	--	--	--	--	--	--	--
8/18/2003	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
2/24/2004	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2004	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
3/22/2005	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
9/29/2005	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
1/9/2006	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-8															
10/11/2001	--	ND<20	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (total)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-8 continued															
2/6/2002	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--
8/18/2003	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
2/24/2004	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2004	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
MW-9															
10/11/2001	--	ND<20	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
2/6/2002	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--
8/18/2003	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
2/24/2004	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
9/17/2004	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--

FIGURES



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle

TRC	PROJECT: 125703	VICINITY MAP
	FACILITY: 76 STATION 6419 6401 DUBLIN BOULEVARD DUBLIN, CALIFORNIA	FIGURE 1

PS=1:1 L:\QMS VICINITY MAP S\6419vm.dwg Oct 09, 2007 - 10:06am cvuong

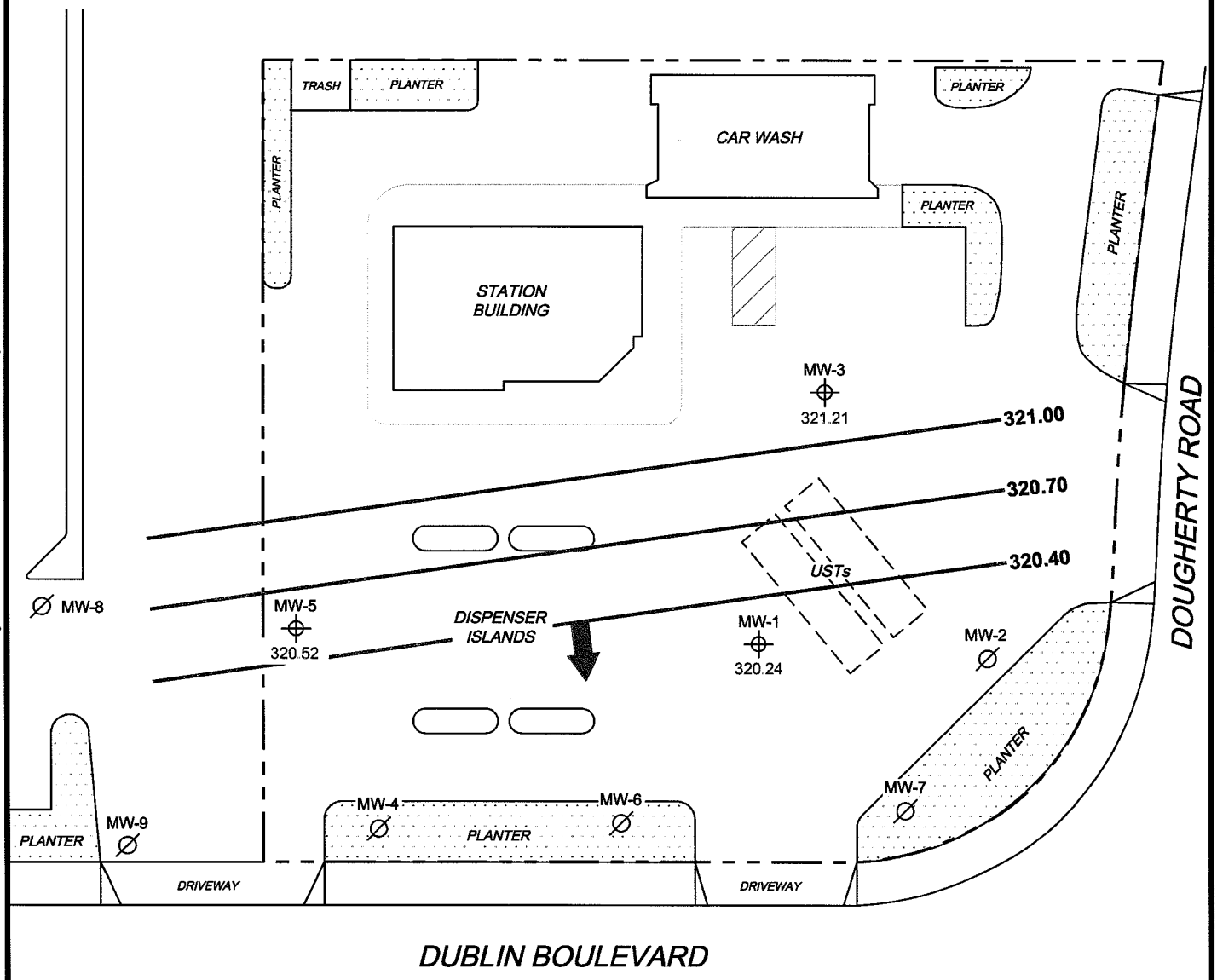
LEGEND

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

MW-9 Abandoned Monitoring Well

321.00 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: 125703

FACILITY:

76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

GROUNDWATER ELEVATION CONTOUR MAP
September 21, 2007

FIGURE 2

MS=1:30 6419-003 L:\Graphics\QMS NORTH-SOUTH\x-6000\6419+\6419-QMS.dwg Oct 09, 2007 - 8:21am cwuong

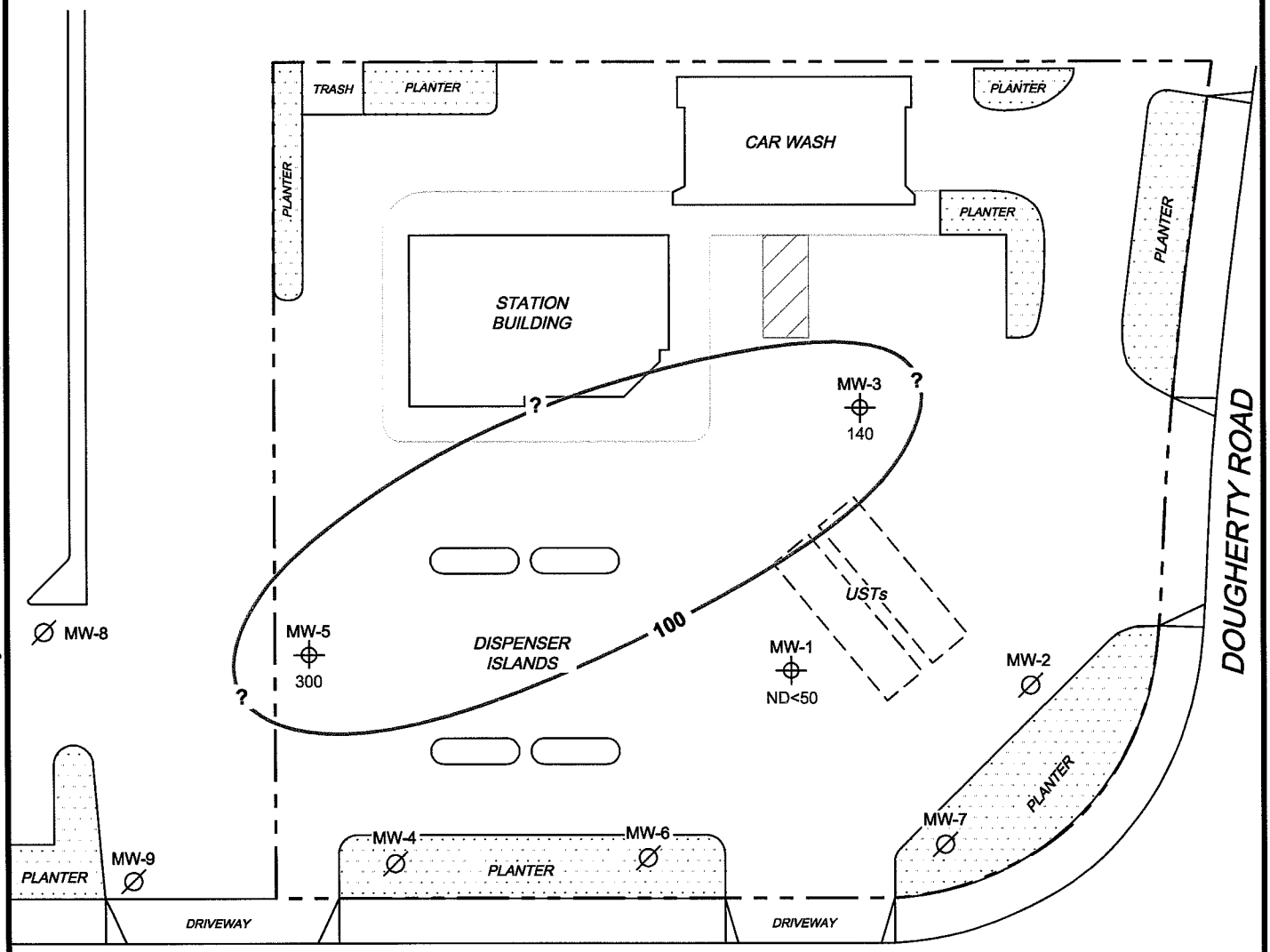
LEGEND

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)

N



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: 125703

FACILITY:
76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
September 21, 2007

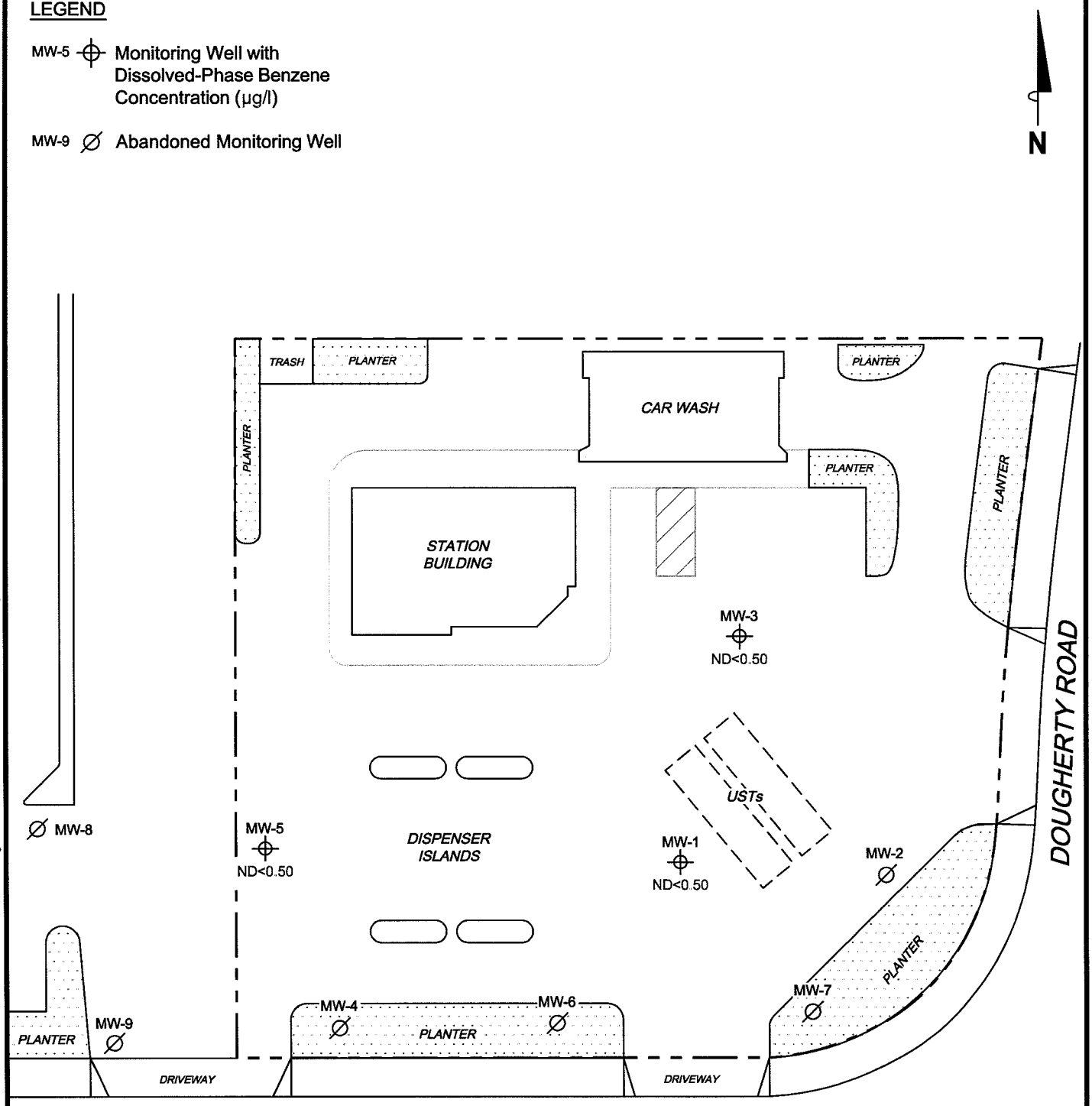
FIGURE 3

MS=1:30 6419-003 L:\Graphics\QMS NORTH-SOUTH\x-6000\6419+\6419-QMS.dwg Oct 09, 2007 - 8:21am cvuong

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: 125703

FACILITY:
76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 21, 2007

FIGURE 4

L:\Graphics\QMS NORTH-SOUTH\x-6000\6419+\6419-QMS.dwg Oct 09, 2007 - 8:20am cvuong

MS=1:30 6419-003

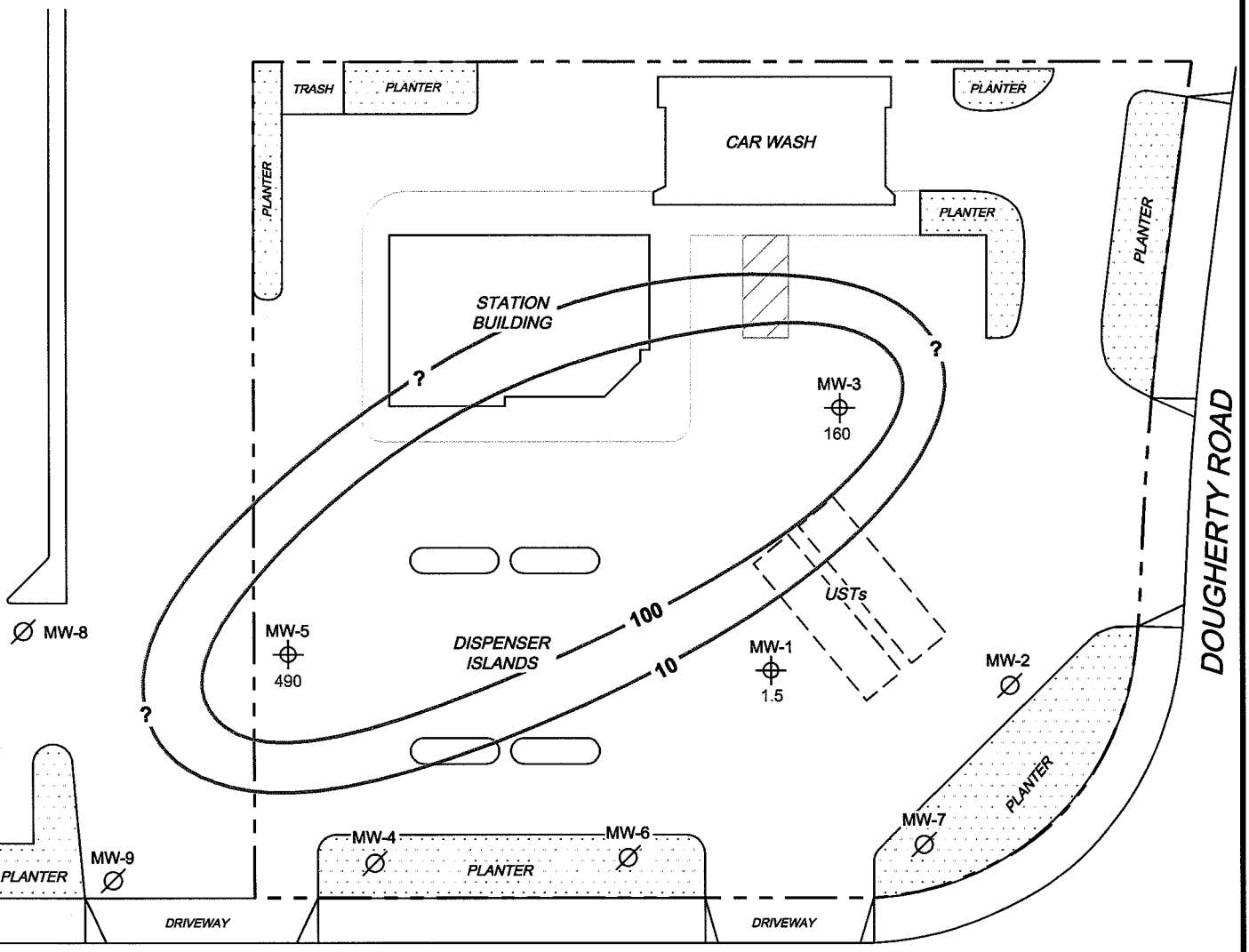
LEGEND

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

MW-9 ∅ Abandoned Monitoring Well

—100— Dissolved-Phase MTBE Contour (µg/l)

N



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: 125703

FACILITY:
76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 21, 2007

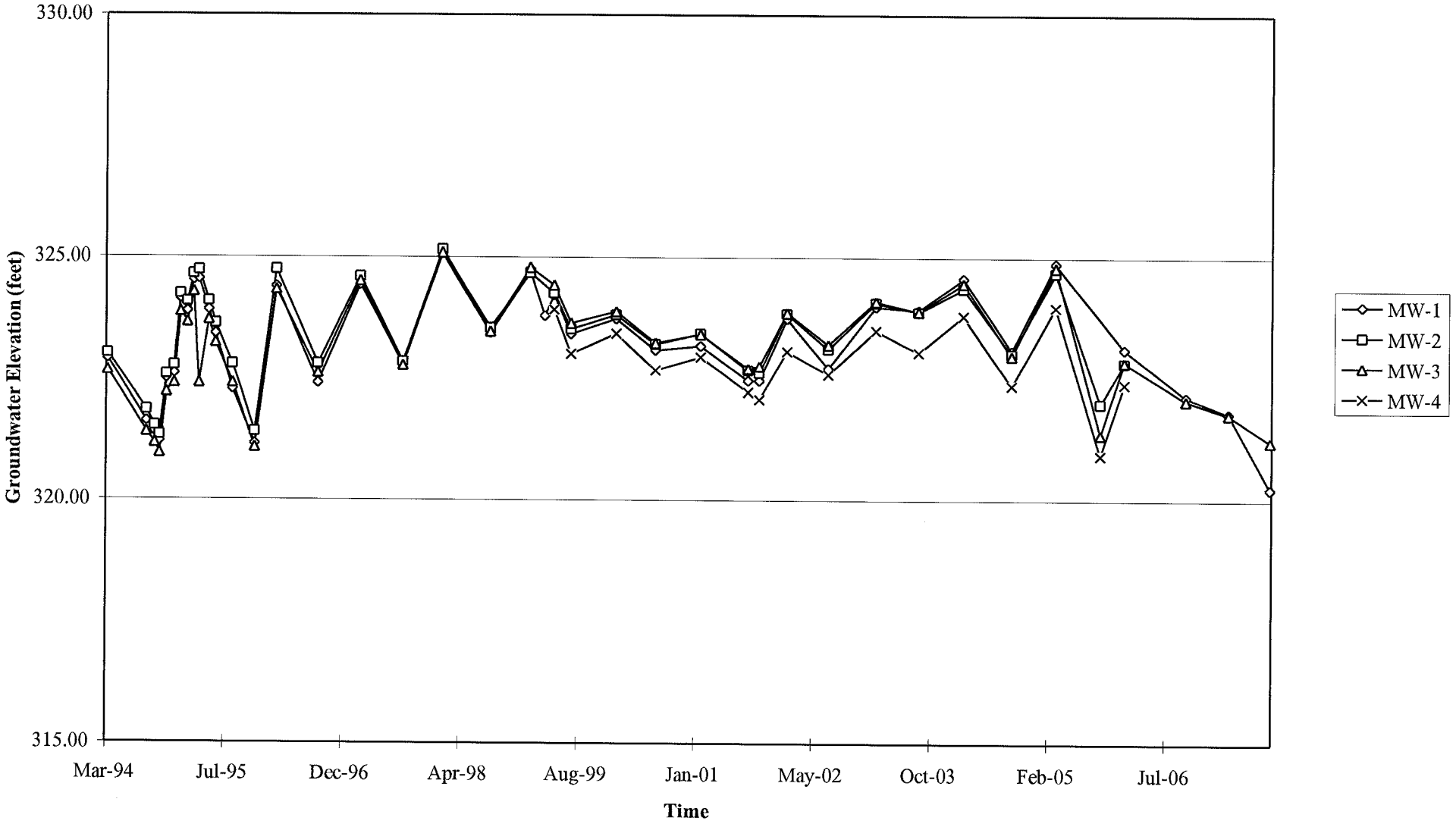
FIGURE 5

L:\Graphics\QMS NORTH-SOUTH\x-6000\6419+\6419-QMS.dwg Oct 09, 2007 - 8:21am cvuong

MS=1:30 6419-003

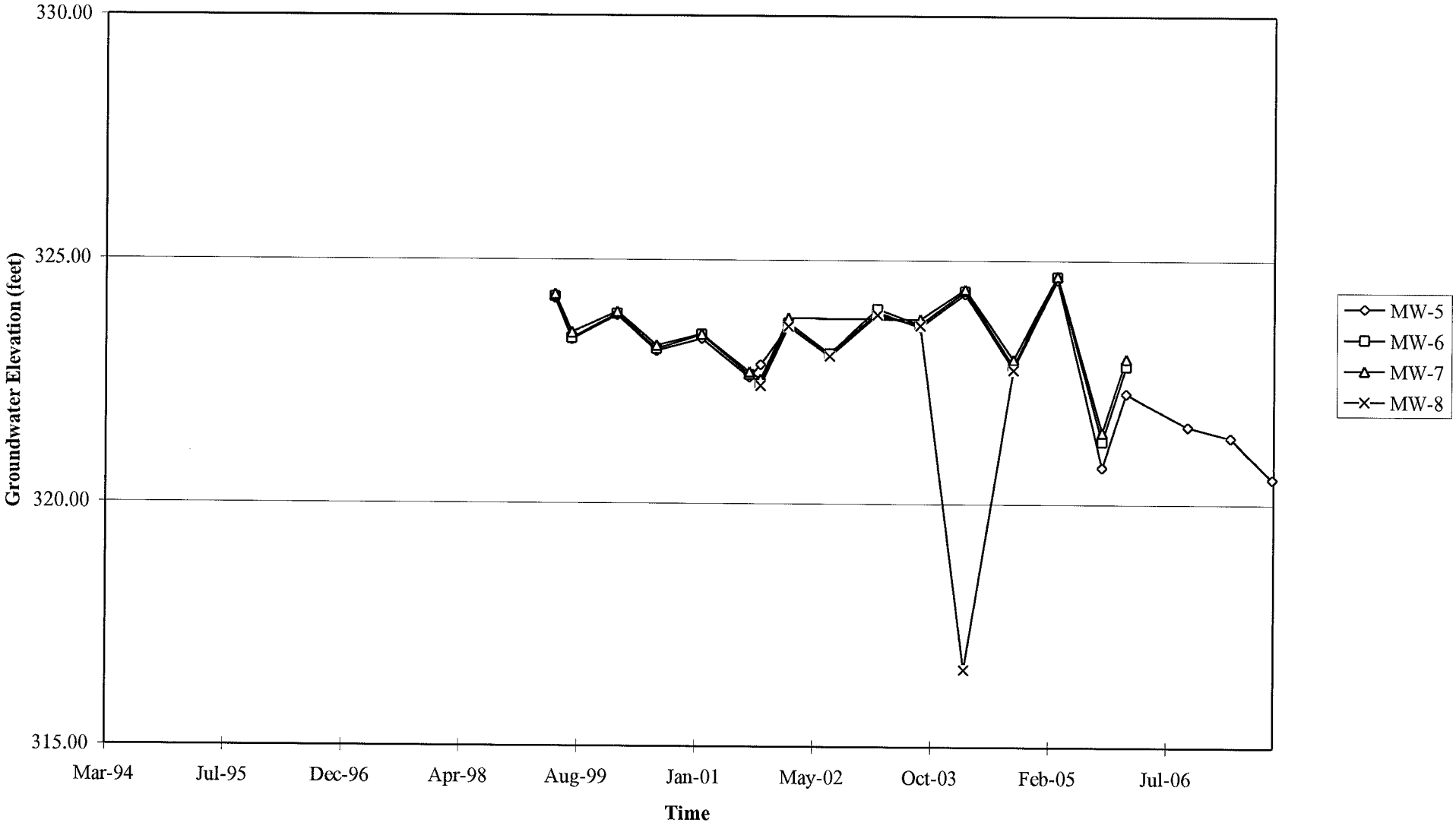
GRAPHS

Groundwater Elevations vs. Time
76 Station 6419



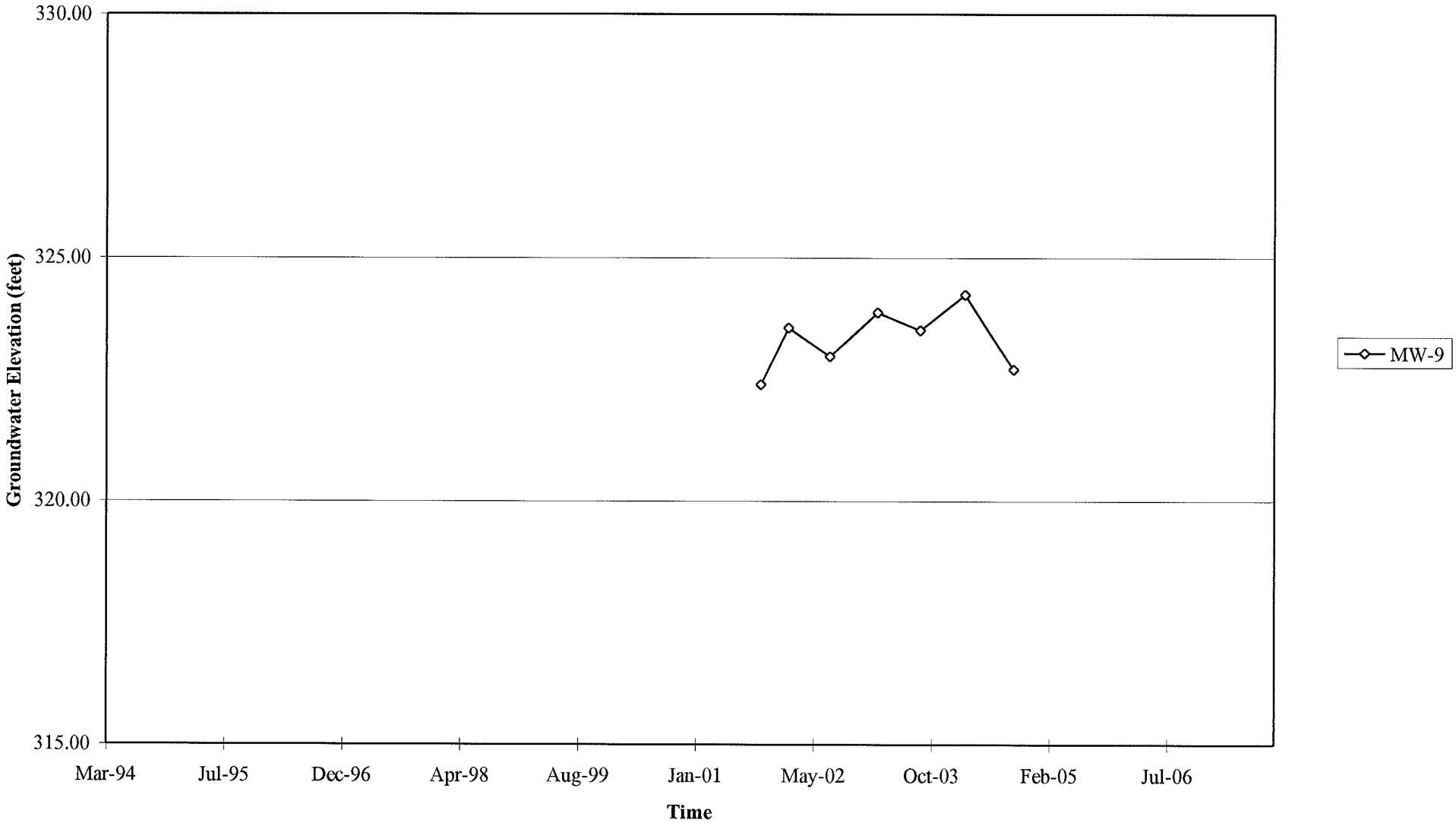
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 6419



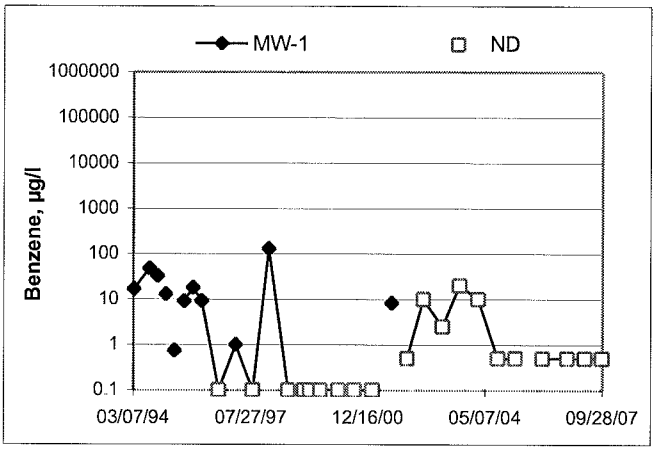
Elevations may have been corrected for apparent changes due to resurvey

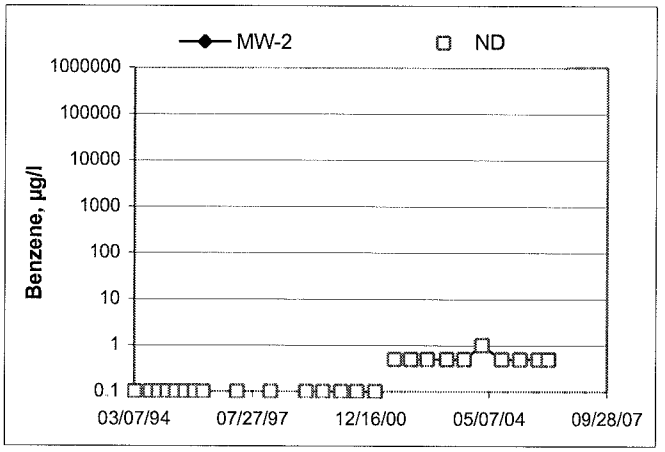
Groundwater Elevations vs. Time
76 Station 6419

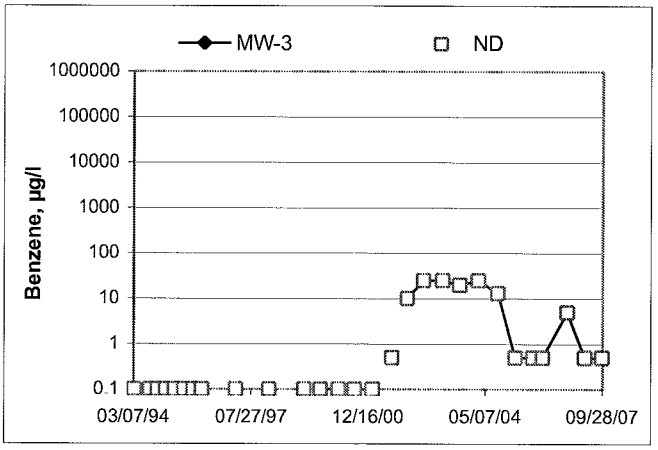


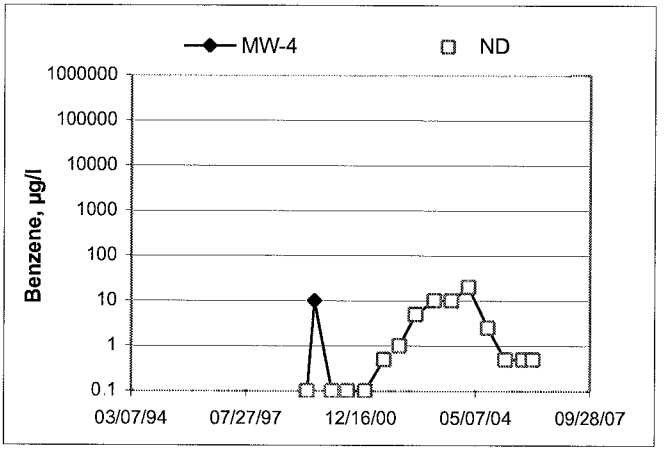
Elevations may have been corrected for apparent changes due to resurvey

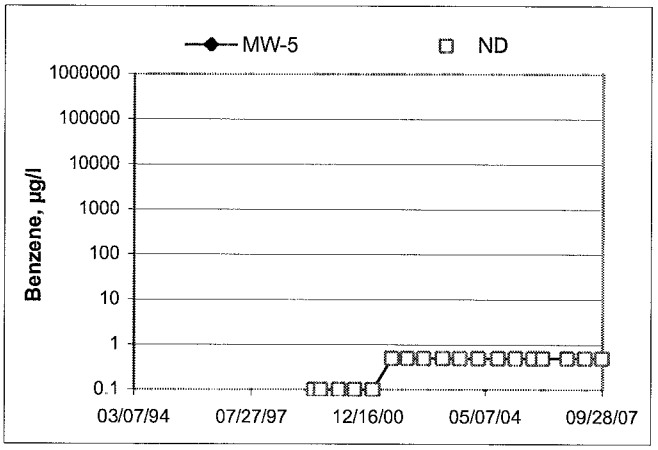
Benzene Concentrations vs Time
76 Station 6419

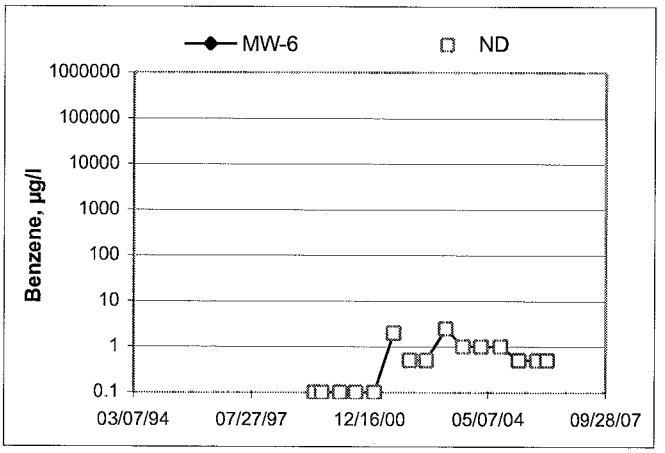


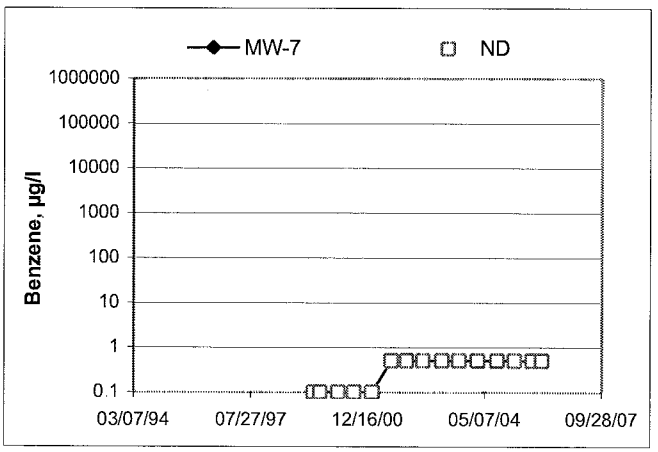


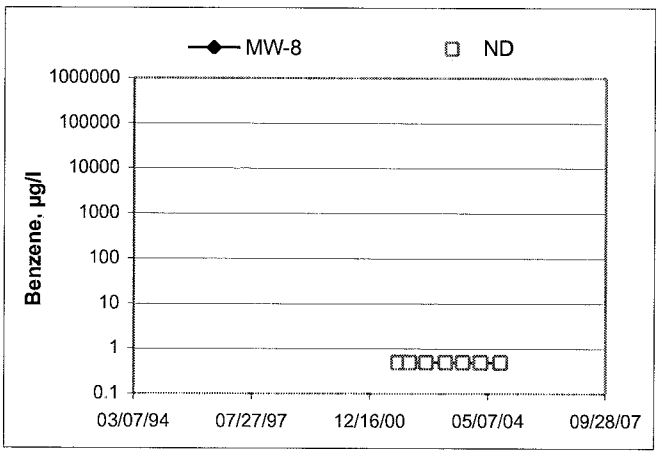




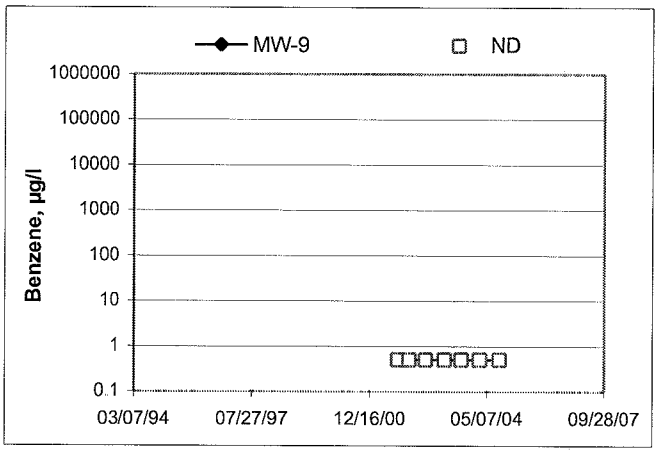








Benzene Concentrations vs Time
76 Station 6419



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 are 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 to a particular wells, 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: RAY Job #/Task #: 125703/FA20 Date: 9-21-07

Site # 6419 Project Manager A Collins Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-1	1218	X	1379	9.93	—	—	1302	2"
MW-3	1222	X	1844	9.38	—	—	1314	2"
MW-5	1229	X	1920	9.66	—	—	1334	2"

FIELD DATA COMPLETE	QA/QC	COC	WELL BOX CONDITION SHEETS
WTT CERTIFICATE	MANIFEST	DRUM INVENTORY	TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: RAY

Site: 6419 Project No.: 125203 Date: 9-21-07

Well No. MW-1 Purge Method: DIA

Depth to Water (feet): 9.93 Depth to Product (feet): —

Total Depth (feet) 13.79 LPH & Water Recovered (gallons): —

Water Column (feet): 3.86 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 6.70 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
1255			2	1084	25.1	7.40			
			4	1077	24.4	7.32			
	1257		6	1027	24.4	7.53			

Static at Time Sampled	Total Gallons Purged	Sample Time
9.93	6	1302

Comments:

Well No. MW-3 Purge Method: DIA

Depth to Water (feet): 9.38 Depth to Product (feet): —

Total Depth (feet) 18.44 LPH & Water Recovered (gallons): —

Water Column (feet): 9.06 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.09 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
1308			1 2 RM	~~1084~~ 281	24.3	7.50			
			2 4 RM	RM ~~1077~~ 276	23.5	7.37			
	1311		3 6 RM	283	23.3	7.47			

Static at Time Sampled	Total Gallons Purged	Sample Time
10.18	3	1314

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: RAY

Site: 6419 Project No.: 125703 Date: 9-21-07

Well No. MW-5 Purge Method: DIA

Depth to Water (feet): 9.66 Depth to Product (feet): —

Total Depth (feet) 19.20 LPH & Water Recovered (gallons): —

Water Column (feet): 9.54 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 11.56 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
1327			2	263	24.0	7.80			
			4	285	23.5	7.62			
	1330		6	284	23.0	7.67			

Static at Time Sampled	Total Gallons Purged	Sample Time
11.40	6	1334

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)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity

Static at Time Sampled	Total Gallons Purged	Sample Time

Comments:

TRC

BC LABORATORIES, INC.

Date of Report: 10/03/2007

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

RE: 6419
BC Work Order: 0711145

Enclosed are the results of analyses for samples received by the laboratory on 09/24/2007 21:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

BC LABORATORIES, INC.

TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 6419 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 10/03/2007 17:34

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0711145-01	**COC Number:**	---	**Receive Date:**	09/24/2007 21:00	Delivery Work Order:
	Project Number:	6419	**Sampling Date:**	09/21/2007 13:02	Global ID: T0600101443
	Sampling Location:	MW-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-1	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0711145-02	**COC Number:**	---	**Receive Date:**	09/24/2007 21:00	Delivery Work Order:
	Project Number:	6419	**Sampling Date:**	09/21/2007 13:14	Global ID: T0600101443
	Sampling Location:	MW-3	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-3	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0711145-03	**COC Number:**	---	**Receive Date:**	09/24/2007 21:00	Delivery Work Order:
	Project Number:	6419	**Sampling Date:**	09/21/2007 13:34	Global ID: T0600101443
	Sampling Location:	MW-5	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-5	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 6419
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/03/2007 17:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0711145-01 | **Client Sample Name:** 6419, MW-1, MW-1, 9/21/2007 1:02:00PM

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	09/29/07	10/02/07 01:07	SDU	MS-V10	1	BQI1525	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/29/07	10/02/07 01:07	SDU	MS-V10	1	BQI1525	ND	
Methyl t-butyl ether	1.5	ug/L	0.50		EPA-8260	09/29/07	10/02/07 01:07	SDU	MS-V10	1	BQI1525	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/29/07	10/02/07 01:07	SDU	MS-V10	1	BQI1525	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	09/29/07	10/02/07 01:07	SDU	MS-V10	1	BQI1525	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/29/07	10/02/07 01:07	SDU	MS-V10	1	BQI1525	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/29/07	10/02/07 01:07	SDU	MS-V10	1	BQI1525	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 01:07	SDU	MS-V10	1	BQI1525		
Toluene-d8 (Surrogate)	98.0	%	88 - 110 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 01:07	SDU	MS-V10	1	BQI1525		
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 01:07	SDU	MS-V10	1	BQI1525		

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 6419
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/03/2007 17:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0711145-02 | **Client Sample Name:** 6419, MW-3, MW-3, 9/21/2007 1:14:00PM

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	09/29/07	10/02/07 01:25	SDU	MS-V10	1	BQI1525	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/29/07	10/02/07 01:25	SDU	MS-V10	1	BQI1525	ND	
Methyl t-butyl ether	160	ug/L	2.5		EPA-8260	09/29/07	10/02/07 16:58	SDU	MS-V10	5	BQI1525	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	09/29/07	10/02/07 01:25	SDU	MS-V10	1	BQI1525	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	09/29/07	10/02/07 01:25	SDU	MS-V10	1	BQI1525	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/29/07	10/02/07 01:25	SDU	MS-V10	1	BQI1525	ND	
Total Purgeable Petroleum Hydrocarbons	140	ug/L	50		EPA-8260	09/29/07	10/02/07 01:25	SDU	MS-V10	1	BQI1525	ND	A90
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 16:58	SDU	MS-V10	5	BQI1525		
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 01:25	SDU	MS-V10	1	BQI1525		
Toluene-d8 (Surrogate)	96.9	%	88 - 110 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 01:25	SDU	MS-V10	1	BQI1525		
Toluene-d8 (Surrogate)	98.4	%	88 - 110 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 16:58	SDU	MS-V10	5	BQI1525		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 16:58	SDU	MS-V10	5	BQI1525		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 01:25	SDU	MS-V10	1	BQI1525		

TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 6419 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 10/03/2007 17:34

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0711145-03 | **Client Sample Name:** 6419, MW-5, MW-5, 9/21/2007 1:34:00PM

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	09/29/07	10/02/07 01:43	SDU	MS-V10	1	BQI1525	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/29/07	10/02/07 01:43	SDU	MS-V10	1	BQI1525	ND	
Methyl t-butyl ether	490	ug/L	2.5		EPA-8260	09/29/07	10/02/07 17:16	SDU	MS-V10	5	BQI1525	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	09/29/07	10/02/07 01:43	SDU	MS-V10	1	BQI1525	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	09/29/07	10/02/07 01:43	SDU	MS-V10	1	BQI1525	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/29/07	10/02/07 01:43	SDU	MS-V10	1	BQI1525	ND	
Total Purgeable Petroleum Hydrocarbons	300	ug/L	50		EPA-8260	09/29/07	10/02/07 01:43	SDU	MS-V10	1	BQI1525	ND	A90
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 17:16	SDU	MS-V10	5	BQI1525		
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 01:43	SDU	MS-V10	1	BQI1525		
Toluene-d8 (Surrogate)	97.6	%	88 - 110 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 01:43	SDU	MS-V10	1	BQI1525		
Toluene-d8 (Surrogate)	98.4	%	88 - 110 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 17:16	SDU	MS-V10	5	BQI1525		
4-Bromofluorobenzene (Surrogate)	98.4	%	86 - 115 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 01:43	SDU	MS-V10	1	BQI1525		
4-Bromofluorobenzene (Surrogate)	99.1	%	86 - 115 (LCL - UCL)		EPA-8260	09/29/07	10/02/07 17:16	SDU	MS-V10	5	BQI1525		

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 6419
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/03/2007 17:34

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	BQI1525	Matrix Spike	0711125-01	0	25.970	25.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0711125-01	0	24.160	25.000	ug/L	7.4	96.6	20	70 - 130	
Toluene	BQI1525	Matrix Spike	0711125-01	0	25.540	25.000	ug/L		102		70 - 130	
		Matrix Spike Duplicate	0711125-01	0	24.390	25.000	ug/L	4.4	97.6	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BQI1525	Matrix Spike	0711125-01	ND	10.000	10.000	ug/L		100		76 - 114	
		Matrix Spike Duplicate	0711125-01	ND	9.7200	10.000	ug/L		97.2		76 - 114	
Toluene-d8 (Surrogate)	BQI1525	Matrix Spike	0711125-01	ND	9.8400	10.000	ug/L		98.4		88 - 110	
		Matrix Spike Duplicate	0711125-01	ND	9.9700	10.000	ug/L		99.7		88 - 110	
4-Bromofluorobenzene (Surrogate)	BQI1525	Matrix Spike	0711125-01	ND	9.8800	10.000	ug/L		98.8		86 - 115	
		Matrix Spike Duplicate	0711125-01	ND	9.7100	10.000	ug/L		97.1		86 - 115	

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 6419
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/03/2007 17:34

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	BQI1525	BQI1525-BS1	LCS	25.180	25.000	0.50	ug/L	101		70 - 130		
Toluene	BQI1525	BQI1525-BS1	LCS	25.460	25.000	0.50	ug/L	102		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BQI1525	BQI1525-BS1	LCS	9.8300	10.000		ug/L	98.3		76 - 114		
Toluene-d8 (Surrogate)	BQI1525	BQI1525-BS1	LCS	10.040	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BQI1525	BQI1525-BS1	LCS	10.040	10.000		ug/L	100		86 - 115		

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302

Project: 6419
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/03/2007 17:34

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	BQI1525	BQI1525-BLK1	ND	ug/L	0.50		
Ethylbenzene	BQI1525	BQI1525-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BQI1525	BQI1525-BLK1	ND	ug/L	0.50		
Toluene	BQI1525	BQI1525-BLK1	ND	ug/L	0.50		
Total Xylenes	BQI1525	BQI1525-BLK1	ND	ug/L	0.50		
Ethanol	BQI1525	BQI1525-BLK1	ND	ug/L	250		
Total Purgeable Petroleum Hydrocarbons	BQI1525	BQI1525-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BQI1525	BQI1525-BLK1	102	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BQI1525	BQI1525-BLK1	99.8	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BQI1525	BQI1525-BLK1	101	%	86 - 115 (LCL - UCL)		

TRC Alton Geoscience	Project: 6419	**Reported:** 10/03/2007 17:34
21 Technology Drive	Project Number: [none]	
Irvine, CA 92618-2302	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. 10 01/21/04 Page __ Of __

Submission #: 07-11145 | Project Code: | TB Batch #

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

Ice Chest ID RW Emissivity 0.95
Temperature: 7.1 °C Container VOA
Thermometer ID: #48

Date/Time 9/24/07
Analyst Init OTO

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										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A3	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____
Sample Numbering Completed By: OTO Date/Time: 9/24/07 2350

[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

07-11145

Analysis Requested

Bill to: Conoco Phillips/ TRC	**Consultant Firm: TRC**
Address: 6401 Dublin	**21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan**
City: Dublin	**4-digit site#:** 6419
	Workorder # 02527-450 7923488
State: CA **Zip:**	**Project #:** 6419
Conoco Phillips Mgr: Kieth Woodburne	**Sampler Name:** RAY

MATRIX
(GW) Ground-water
(S) Soil
(WW) Waste-water
(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	BTEX/MTBE by 8260			Turnaround Time Requested
	-1	MW-1	9-21-07 1302	GW						X	X	X			
	-2	MW-3	1314							X	X	X			
	-3	MW-5	1334							X	X	X			

CHK BY: MRM
DISTRIBUTION: JW
SUB-OUT □

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

GLOBAL ID: T0600101443

Relinquished by: (Signature)	Received by:	Date & Time
R McBrad	Refer	9-21-07 1504
Relinquished by: (Signature)	Received by:	Date & Time
	Ross Duckey	9/24/07 1400
Relinquished by: (Signature)	Received by:	Date & Time
Ross Duckey 9/24/07	R Rueda	9.24.07 1800

(A) = ANALYSIS (C) = CONTAINER (P) = PRESERVATIVE

R Rueda 9.24.07 2100 Teri Obaleni 9/24/07 2100

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by a licensed carrier, to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by others.

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.