ConocoPhillips

76 Broadway
Sacramento, California 95818

April 28, 2006

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

Re: **Report Transmittal**
Quarterly Report
First Quarter – 2006
76 Service Station #6419
6401 Dublin Boulevard,
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

Shelby S. Lathrop (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818
Phone: 916-558-7609
Fax: 916-558-7639

Sincerely,

Thomas K. Kosel

Thomas Kosel
Risk Management & Remediation

Attachment

TRC

Customer-Focused Solutions

April 28, 2006

TRC Project No. 42017008

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

RE: Quarterly Status Report - First Quarter 2006
76 Service Station #6419
6401 Dublin Boulevard, Dublin, California
Alameda County

Dear Mr. Chan:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the First Quarter 2006 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.

1590 Solano Way, Suite A • Concord, California 94520
Telephone 925-688-1200 • Fax 925-688-0388

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.

SENSITIVE RECEPTORS

A sensitive receptor survey has not been conducted for this site.

MONITORING AND SAMPLING

Seven onsite wells are currently monitored semi-annually during the first and third quarters. All seven wells were gauged and sampled this quarter. However, following the sampling event, wells MW-2, MW-4, MW-6, and MW-7 were abandoned on January 12, 2006. The groundwater flow direction is toward the west at a calculated hydraulic gradient of 0.01 feet per foot.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in three of seven wells sampled at a maximum concentration of 410 micrograms per liter (µg/l) in onsite monitoring well MW-3. Benzene was not detected in the seven wells sampled. Methyl tertiary butyl ether (MTBE) was detected in all seven wells sampled at a maximum concentration of 1,200 µg/l in onsite monitoring well MW-3

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

February 17, 2006: TRC submitted the Well Abandonment Report to the ACHCS documenting the removal of wells MW-2, MW-4, MW-6, and MW-7 on January 12, 2006.

CURRENT QUARTER ACTIVITIES

January 9, 2006: 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.

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 to accommodate utility relocation and subsequent street widening along both Dougherty Road and Dublin Boulevard. All site wells were sampled prior to abandonment of wells MW-2, MW-4, MW-6, and MW-7 for the first quarter 2006 monitoring event.

CONCLUSIONS AND RECOMMENDATIONS

Installation of replacement monitoring wells, possibly within the right-of-way along Dougherty Road and Dublin Boulevard, and additional offsite plume delineation is currently on hold pending completion of the current road widening project by the City of Dublin (anticipated for late summer 2006).

In the interim, TRC will evaluate remedial alternatives for addressing onsite soil and groundwater impacts and will obtain groundwater monitoring data from the Former BP Station #11120 located at 6400 Dublin Road, approximately 100 feet southeast of the site, for plume delineation. In addition, TRC will complete a sensitive receptor survey to determine if potential receptors exist in the site vicinity.

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

If you have any questions regarding this report, please call me at (925) 688-2488.

Sincerely,
TRC

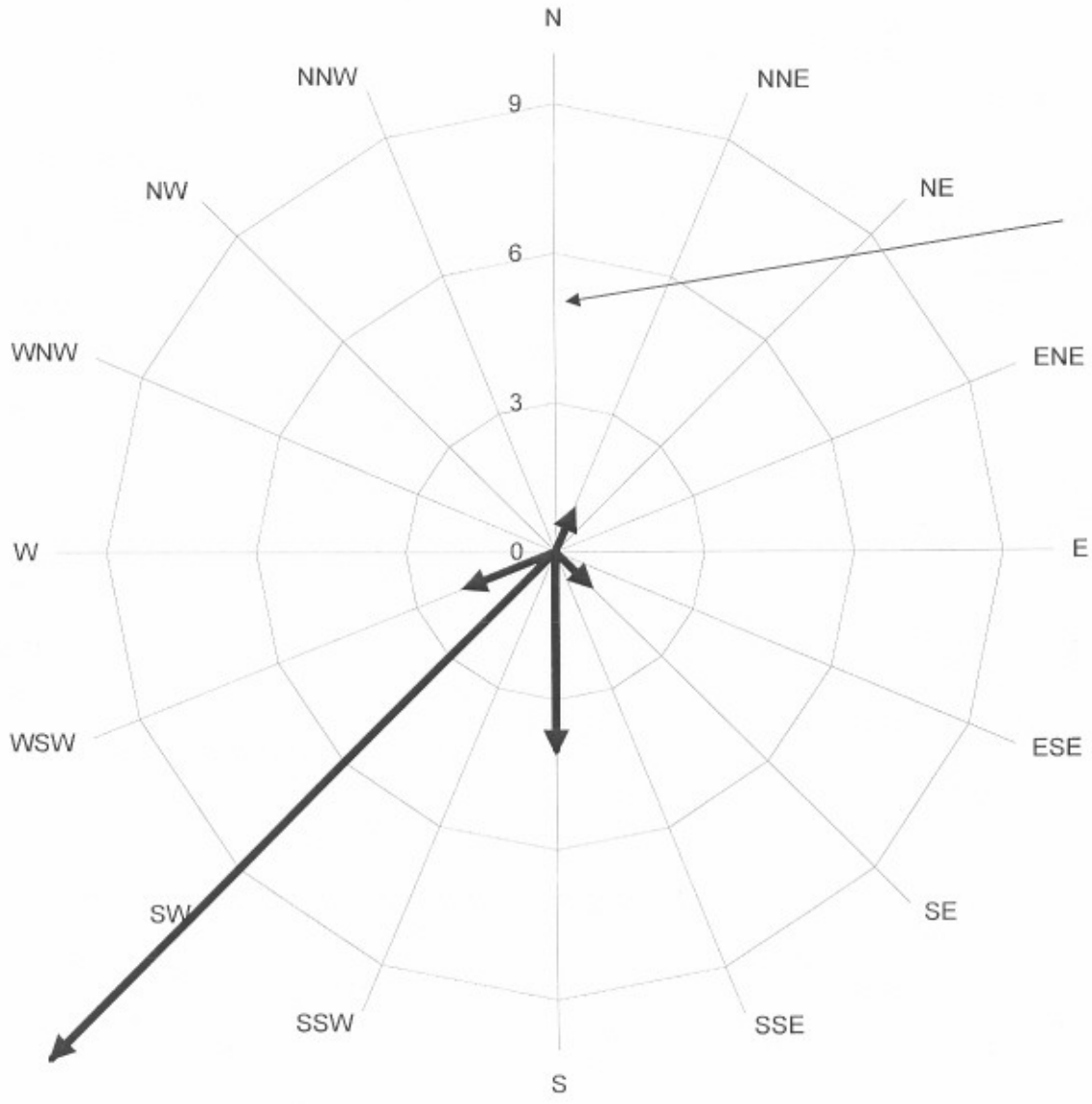
Keith Woodburne, P.G.
Senior Project Geologist

Attachment:
Semi-Annual Monitoring Report, October 2005 through March 2006 (TRC, February, 3, 2006)
Historical Groundwater Flow Directions – September 1994 through March 2006

cc: Shelby Lathrop, ConocoPhillips (electronic upload only)

Historical Groundwater Flow Directions for Tosco (76) Service Station No. 6419

September 1994 through March 2006



TRC

TRC

February 3, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 6419
6401 DUBLIN BOULEVARD
DUBLIN, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
OCTOBER 2005 THROUGH MARCH 2006

Dear Mr. Kosel:

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) 753-0101.

Sincerely,

TRC

Anju Farfan for
QMS Operations Manager

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

Enclosures
20-0400/6419R06.QMS

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

TRC

SEMI-ANNUAL MONITORING REPORT
OCTOBER 2005 THROUGH MARCH 2006

76 STATION 6419
6401 Dublin Boulevard
Dublin, California

Prepared For:

Mr. Thomas H. Kosel
ConocoPhillips Company
76 Broadway
Sacramento, California 95818

By:

Senior Project Geologist, Irvine Operations
January 30, 2006

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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 TPPH 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 – 1/9/06 Groundwater Sampling Field Notes – 1/9/06
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2005 through March 2006
76 Station 6419
6401 Dublin Boulevard
Dublin, CA

Project Coordinator: **Thomas H. Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **01/09/06**

Sample Points

Groundwater wells: **7** onsite, **0** offsite Wells gauged: **7** Wells sampled: **7**
Purging method: **Diaphragm pump/bailer**
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: **7.05 feet** Maximum: **7.97 feet**
Average groundwater elevation (relative to available local datum): **322.75 feet**
Average change in groundwater elevation since previous event: **1.39 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.01 ft/ft, west**
Previous event: **0.007 ft/ft, southwest (09/29/05)**

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 **TPPH 8260B** **3** Maximum: **410 µg/l (MW-3)**
Wells with **MTBE** **7** Maximum: **1,200 µg/l (MW-3)**

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-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
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.
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
Site: 6419

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in elevation	TPH-G (8015B)	TPPH (TPPH 8260)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments	
Table 1a	Well/ Date	DIPE 8260B	TBA 8260B	Ethanol 8260B	EDB	EDC	ETBE 8260B	TAME 8260B								
Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in elevation	TPH-G	TPPH 8260B	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE 8021B	MTBE 8260B		Comments	
Table 2a	Well/ Date	DIPE 8260B	TPH-D	TBA 8260B	Ethanol 8260B	EDB	EDC	ETBE 8260B	TAME 8260B	Cadmium	Chromium	Lead (Total)	Nickel	Zinc (Total)	Post Purge DO	Pre-Purge DO

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 9, 2006

76 Station 6419

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015B)	TPPH (TPPH 8260)	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)**												
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	
MW-2		**(Screen Interval in feet: 4.0-20.0)**												
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	
MW-3		**(Screen Interval in feet: 4.0-20.0)**												
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	
MW-4		**(Screen Interval in feet: 4.0-19.0)**												
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	
MW-5		**(Screen Interval in feet: 4.0-19.0)**												
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	
MW-6		**(Screen Interval in feet: 4.0-19.0)**												
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	
MW-7		**(Screen Interval in feet: 4.0-19.0)**												
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	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 6419

Date Sampled	DIPE	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	ETBE	TAME
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1							
01/09/06	ND<0.50	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50
MW-2							
01/09/06	--	--	ND<250	--	--	--	--
MW-3							
01/09/06	--	--	ND<250	--	--	--	--
MW-4							
01/09/06	--	--	ND<250	--	--	--	--
MW-5							
01/09/06	--	--	ND<250	--	--	--	--
MW-6							
01/09/06	--	--	ND<250	--	--	--	--
MW-7							
01/09/06	--	--	ND<250	--	--	--	--

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through January 2006

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 (8015B) (µg/l)	TPPH (TPPH 8260) (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	
05/21/99	330.21	5.95	0.00	324.26	0.41	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through January 2006

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 (8015B) (µg/l)	TPPH (TPPH 8260) (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														
08/02/99	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	
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	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through January 2006

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 (8015B) (µg/l)	TPPH (TPPH 8260) (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														
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	--	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through January 2006

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 (8015B) (µg/l)	TPPH (TPPH 8260) (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														
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	
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	--	--	--	--	--	--	--	--	
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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through January 2006

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 (8015B) (µg/l)	TPPH (TPPH 8260) (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														
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	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 1994 Through January 2006

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 (8015B) (µg/l)	TPPH (TPPH 8260) (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														
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	--	
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	
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	

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 (8015B) (µg/l)	TPPH (TPPH 8260) (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														
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	
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	
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	
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	

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 (8015B) (µg/l)	TPPH (TPPH 8260) (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														
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	
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	
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	
MW-8	**(Screen Interval in feet: DNA)**													
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through January 2006
76 Station 6419

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015B)	TPPH (TPPH 8260)	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-8 continued														
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: DNA)**													
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	DIPE	TPH-D (8015B)	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	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															
03/14/94	--	810	--	--	--	--	--	--	ND	0.000012	ND	0.00003	0.039	--	--
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	--	4.3	--
05/17/95	--	200	--	--	--	--	--	--	ND	ND	ND	0.021	--	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
07/26/00	ND	--	ND	--	ND	ND	ND	ND	--	--	--	--	--	--	--
05/16/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.54
08/24/01	ND<100	--	ND<1000	ND<25000	ND<100	ND<100	ND<100	ND<100	--	--	--	--	--	3.1	--
02/06/02	ND<5.0	--	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--	--	--
07/30/02	ND<40	--	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	--	--	--	--	--	--	--
02/17/03	ND<10	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	--	--	--	--	--	--	--
08/18/03	ND<80	--	ND<4000	ND<20000	ND<80	ND<80	ND<80	ND<80	--	--	--	--	--	--	--
02/24/04	ND<40	--	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	--	--	--	--	--	--	--
09/17/04	ND<1.0	--	470	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	--	--	--
03/22/05	ND<0.5	--	ND<5.0	ND<50	ND<0.50	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	--	--	--
01/09/06	ND<0.50	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
MW-2															
02/15/95	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9	--
02/26/96	--	--	--	--	--	--	--	--	--	--	--	--	--	0.43	0.62
08/23/96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.04

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	DIPE	TPH-D (8015B)	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	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															
02/17/97	--	--	--	--	--	--	--	--	--	--	--	--	--	0.82	0.9
08/18/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.16
05/16/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.47
08/24/01	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	--
02/06/02	ND<1.0	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--
08/18/03	--	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--
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															
02/15/95	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	--
03/13/95	--	--	--	--	--	--	--	--	--	--	--	--	--	1.13	--
08/25/95	--	--	--	--	--	--	--	--	--	--	--	--	--	1.86	--
11/28/95	--	--	--	--	--	--	--	--	--	--	--	--	--	6.81	--
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	--
02/06/02	ND<33	--	ND<670	ND<17000	ND<33	ND<33	ND<33	ND<33	--	--	--	--	--	--	--
08/18/03	--	--	--	ND<20000	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	--	ND<25000	--	--	--	--	--	--	--	--	--	--	--
09/17/04	--	--	--	ND<1300	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	DIPE	TPH-D (8015B)	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	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															
03/22/05	--	--	--	ND<1300	--	--	--	--	--	--	--	--	--	--	--
09/29/05	--	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--
01/09/06	--	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--
MW-4															
08/24/01	--	--	--	--	--	--	--	--	--	--	--	--	--	2.3	--
02/06/02	ND<25	--	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	--	--	--	--	--	--	--
08/18/03	--	--	--	ND<10000	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	--	ND<20000	--	--	--	--	--	--	--	--	--	--	--
09/17/04	--	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--
03/22/05	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--	--
09/29/05	--	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--
01/09/06	--	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--
MW-5															
08/24/01	--	--	--	--	--	--	--	--	--	--	--	--	--	2.1	--
02/06/02	ND<1.0	--	ND<20	ND<500	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	--	--	--	--	--	--	--	--	--	--	--
MW-6															
05/21/99	ND<8.3	--	ND<170	--	--	--	ND<8.3	ND<8.3	--	--	--	--	--	--	--
08/24/01	--	--	--	--	--	--	--	--	--	--	--	--	--	2.7	--
02/06/02	ND<8.3	--	ND<170	ND<4200	ND<8.3	ND<8.3	ND<8.3	ND<8.3	--	--	--	--	--	--	--

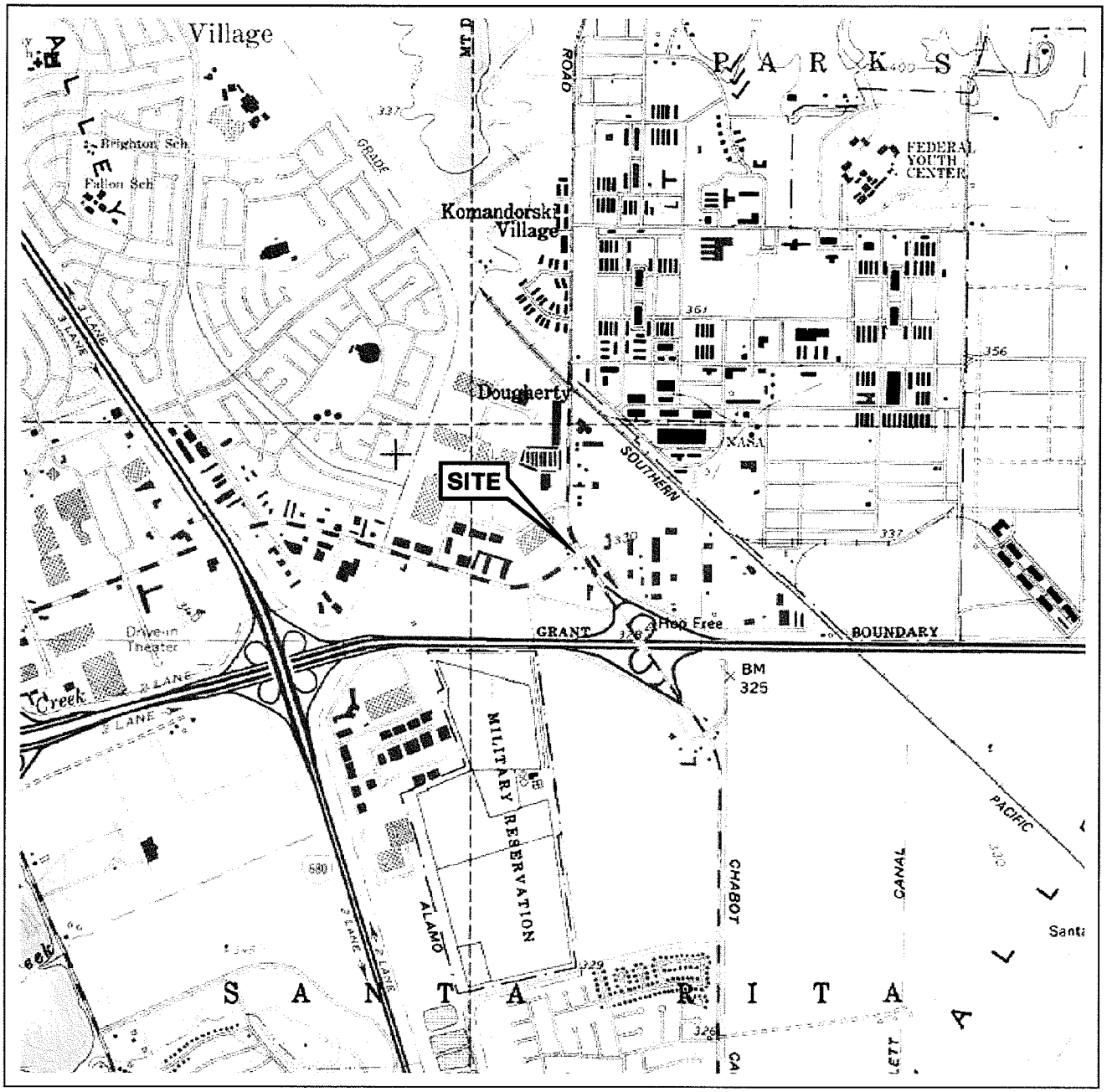
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	DIPE	TPH-D (8015B)	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	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-6 continued															
08/18/03	--	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--
09/17/04	--	--	--	ND<100	--	--	--	--	--	--	--	--	--	--	--
03/22/05	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--
09/29/05	--	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--
01/09/06	--	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--
MW-7															
08/24/01	--	--	--	--	--	--	--	--	--	--	--	--	--	2.7	--
02/06/02	1.4	--	ND<20	ND<500	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	--	--	--	--	--	--	--	--	--	--	--
MW-8															
10/11/01	ND<2.0	--	ND<20	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
02/06/02	ND<1.0	--	ND<20	ND<500	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<2.0	--	ND<20	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
02/06/02	ND<1.0	--	ND<20	ND<500	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	DIPE	TPH-D (8015B)	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	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-9 continued															
02/24/04	--	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--
09/17/04	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--

FIGURES



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

SCALE 1:24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle

VICINITY MAP

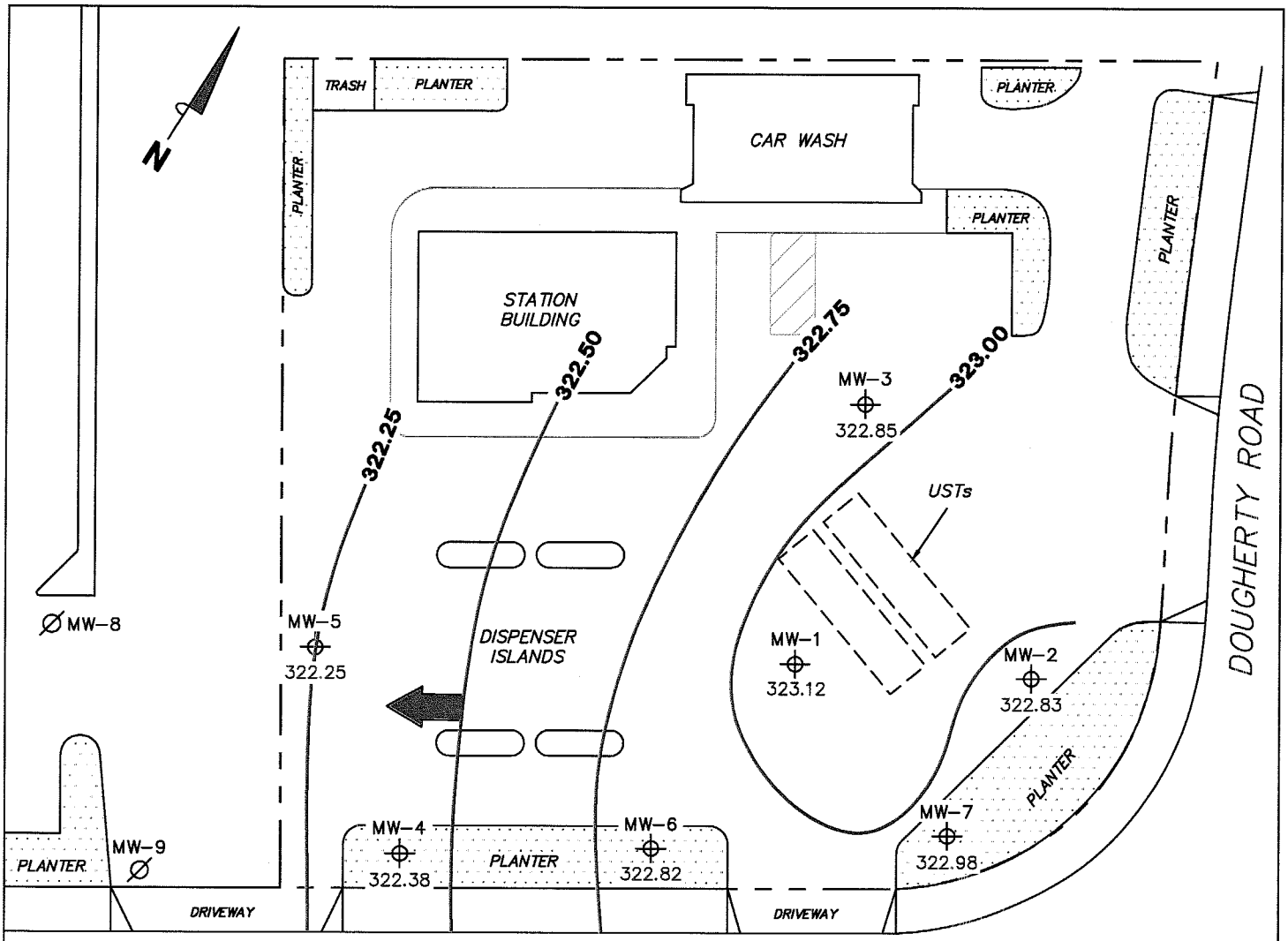
76 Station 6419
6401 Dublin Boulevard
Dublin, California

FIGURE 1

TRC

PS = 1:1

L:\ V I C I N I T Y M A P S\6419vm.dwg Jan 25, 2006 – 9:02am lwinters



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.

LEGEND

- MW-7 ⊕ Monitoring Well with Groundwater Elevation (feet)
- MW-9 ∅ Abandoned Monitoring Well
- **323.00**— Groundwater Elevation Contour
- ➡ General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
January 9, 2006

76 Station 6419
6401 Dublin Boulevard
Dublin, California

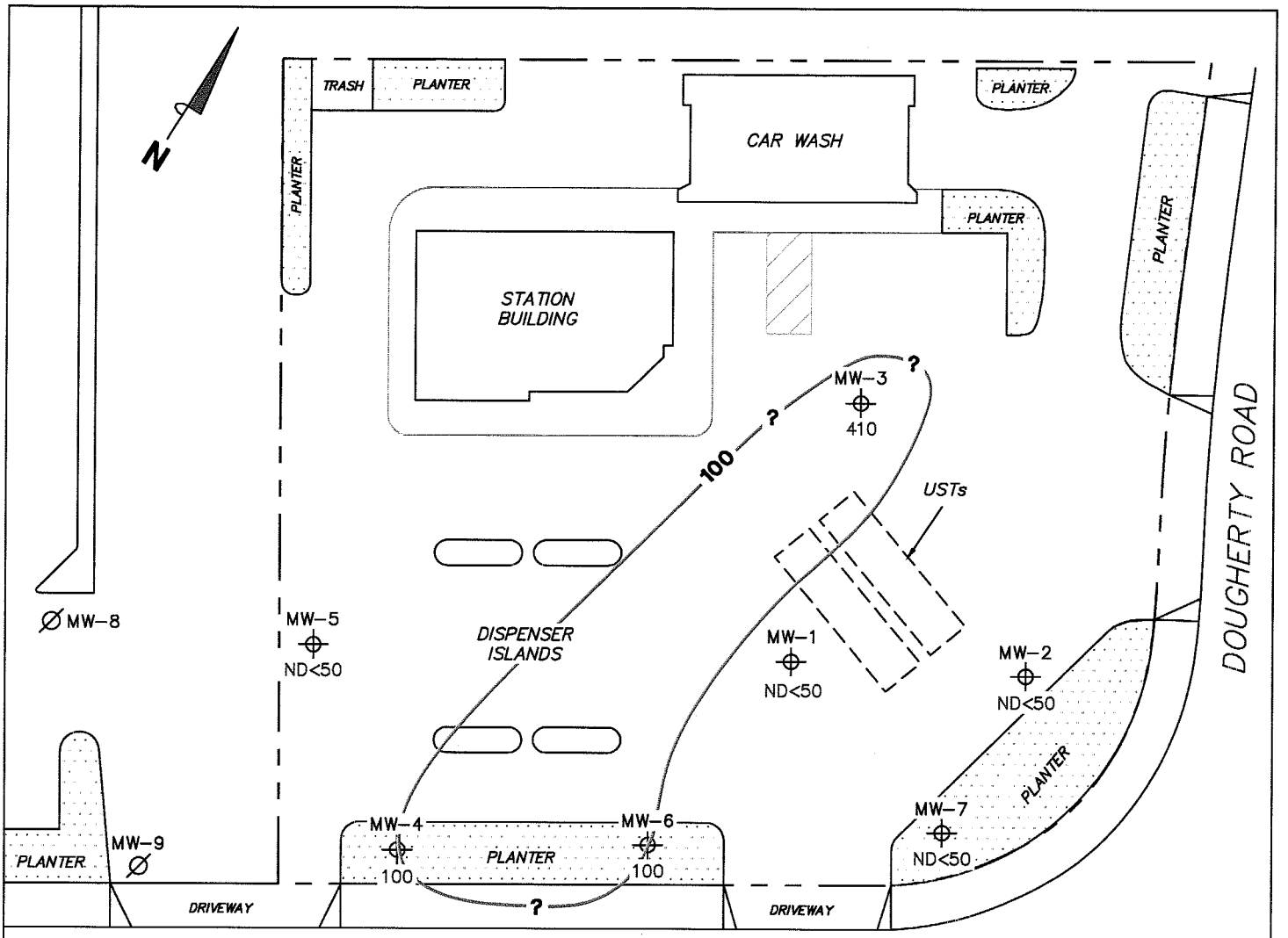
TRC

SCALE (FEET)
0 30

FIGURE 2

PS=1:1 6419-UU3

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-6000\6419+\6419-QMS.dwg Jan 25, 2006 - 2:26pm bschmidt



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPPH = total purgeable petroleum hydrocarbons. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Dashes indicate non-detect at elevated detection limit. Results obtained using EPA Method 8260B.

LEGEND

MW-7 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

MW-9 ∅ Abandoned Monitoring Well

100 Dissolved-Phase TPPH Contour (µg/l)

DISSOLVED-PHASE TPPH CONCENTRATION MAP
January 9, 2006

76 Station 6419
6401 Dublin Boulevard
Dublin, California

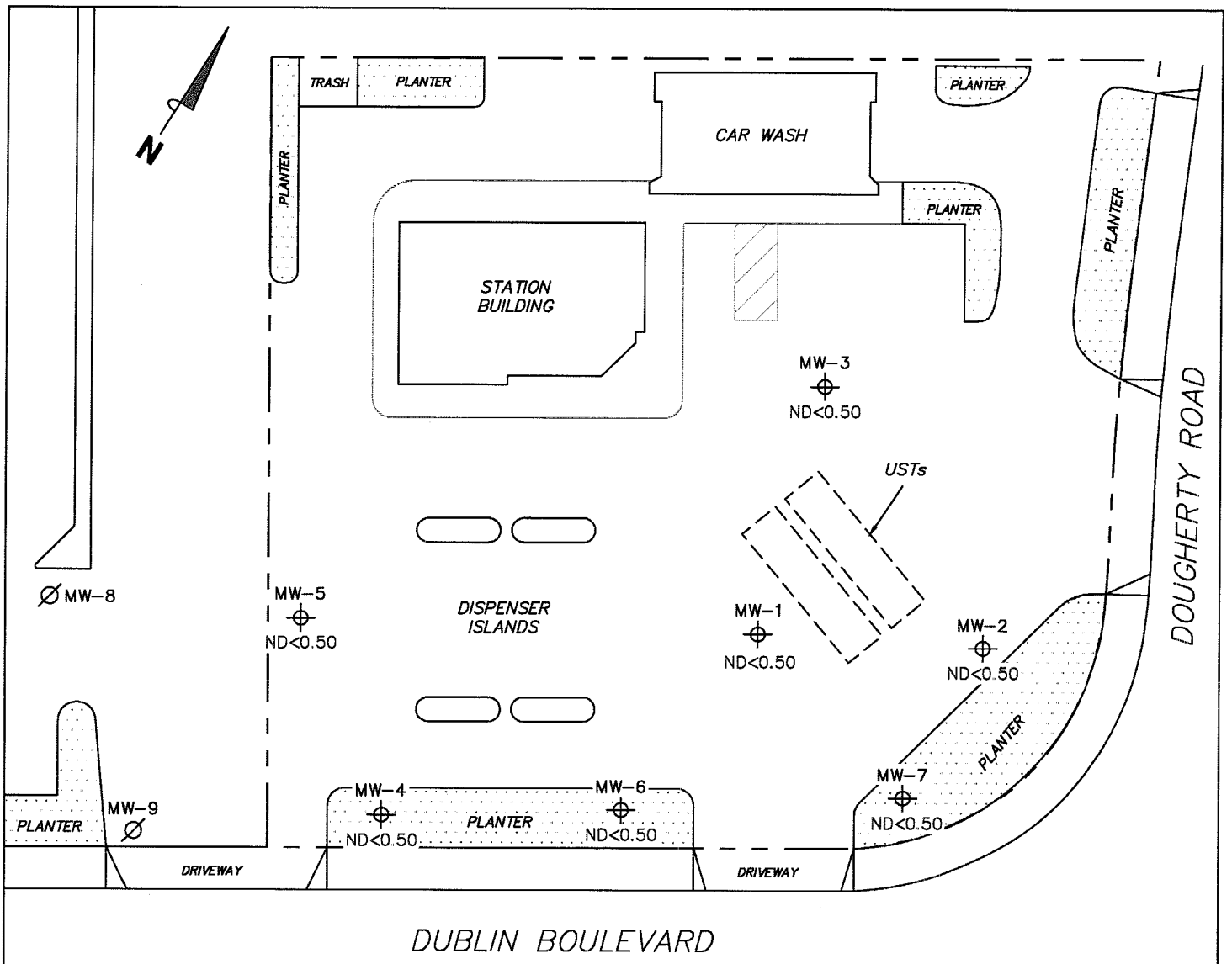
TRC

SCALE (FEET)
0 30

FIGURE 3

H'S=1:1 6419-UU3

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-6000\6419+\6419-QMS.dwg Jan 25, 2006 - 2:39pm bschmidt



NOTES:

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

LEGEND

MW-7 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

MW-9 ∅ Abandoned Monitoring Well

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
January 9, 2006

76 Station 6419
6401 Dublin Boulevard
Dublin, California

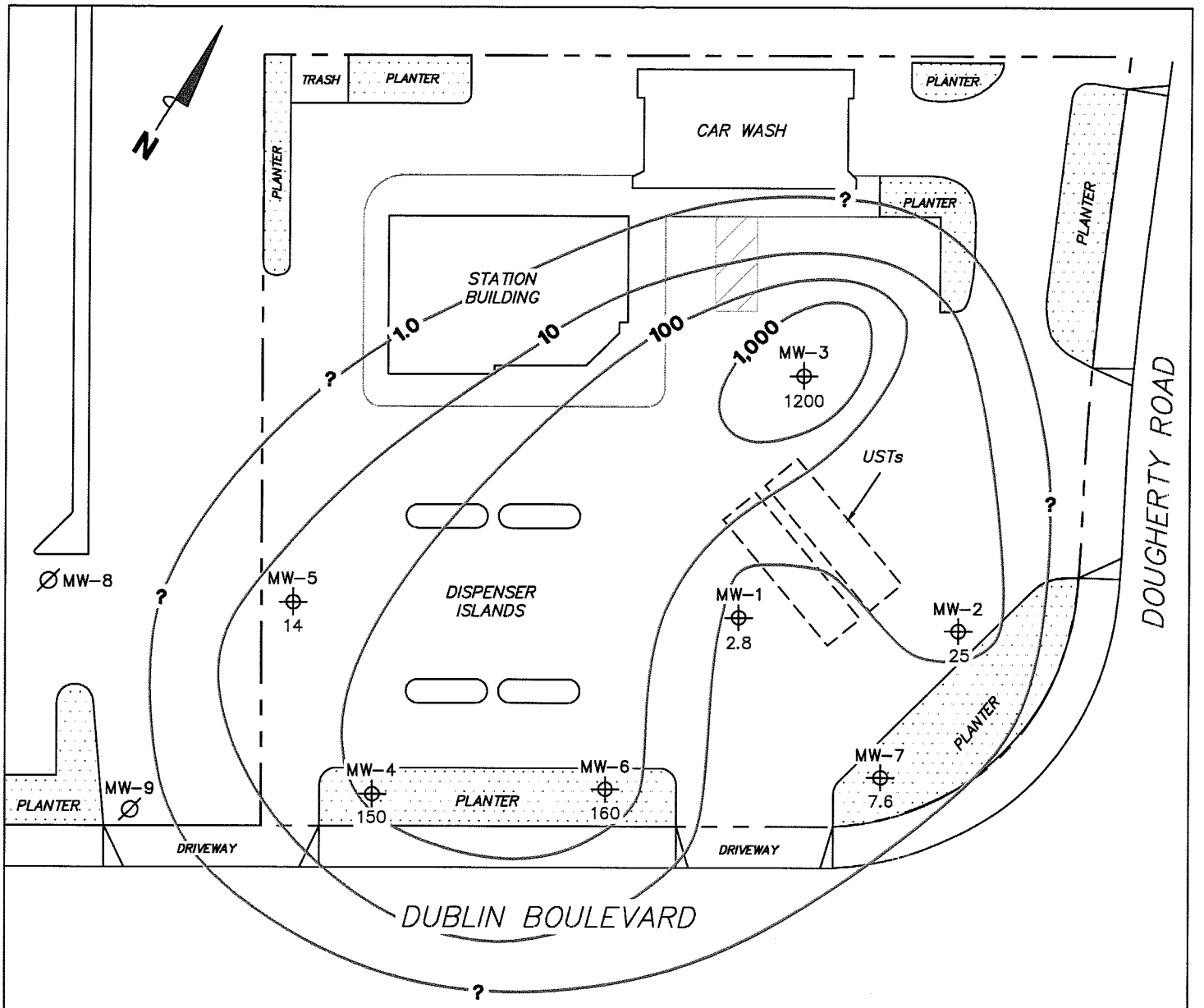
TRC

SCALE (FEET)
0 30

FIGURE 4

PS=1:1 6419-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-6000\6419+\6419-QMS.dwg Jan 25, 2006 - 2:38pm bschmidt



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.

LEGEND

MW-7 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

MW-9 Ø Abandoned Monitoring Well

1,000 Dissolved-Phase MTBE Contour (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
January 9, 2006

76 Station 6419
6401 Dublin Boulevard
Dublin, California

TRC

SCALE (FEET)
0 30

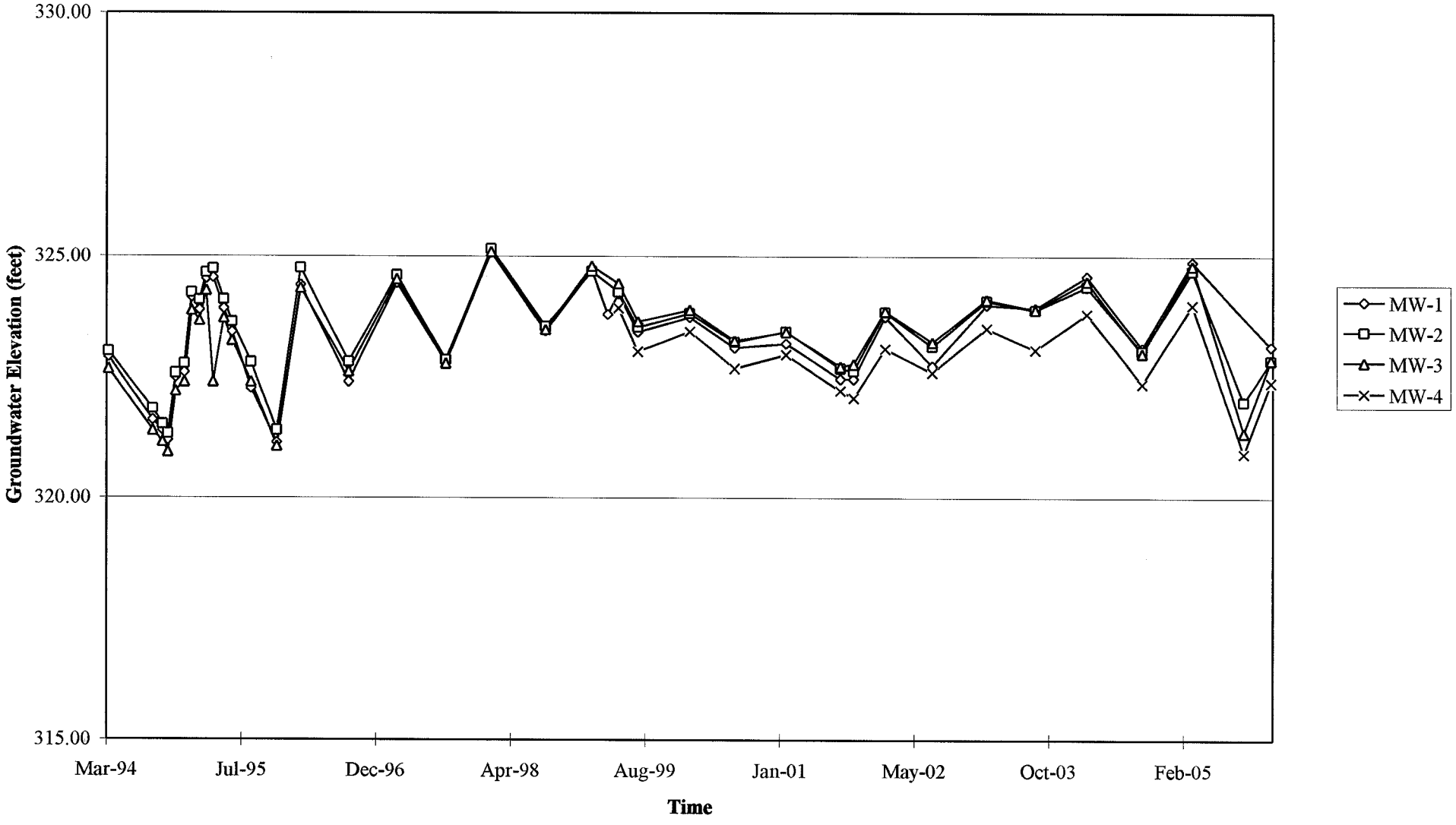
FIGURE 5

PS=1:1 6419-003

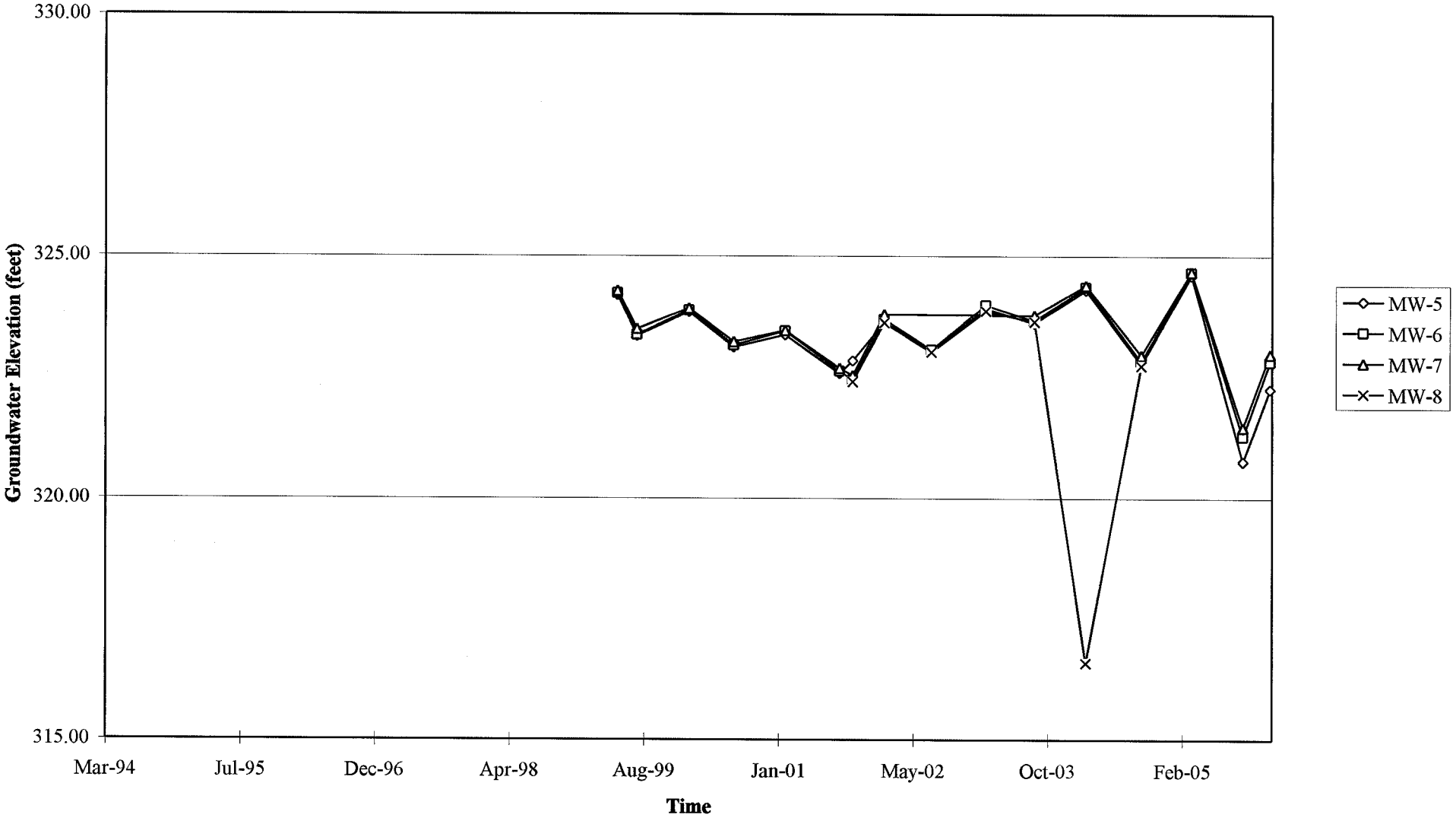
\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-6000\6419+\6419-QMS.dwg Jan 25, 2006 - 2:53pm bschmidt

GRAPHS

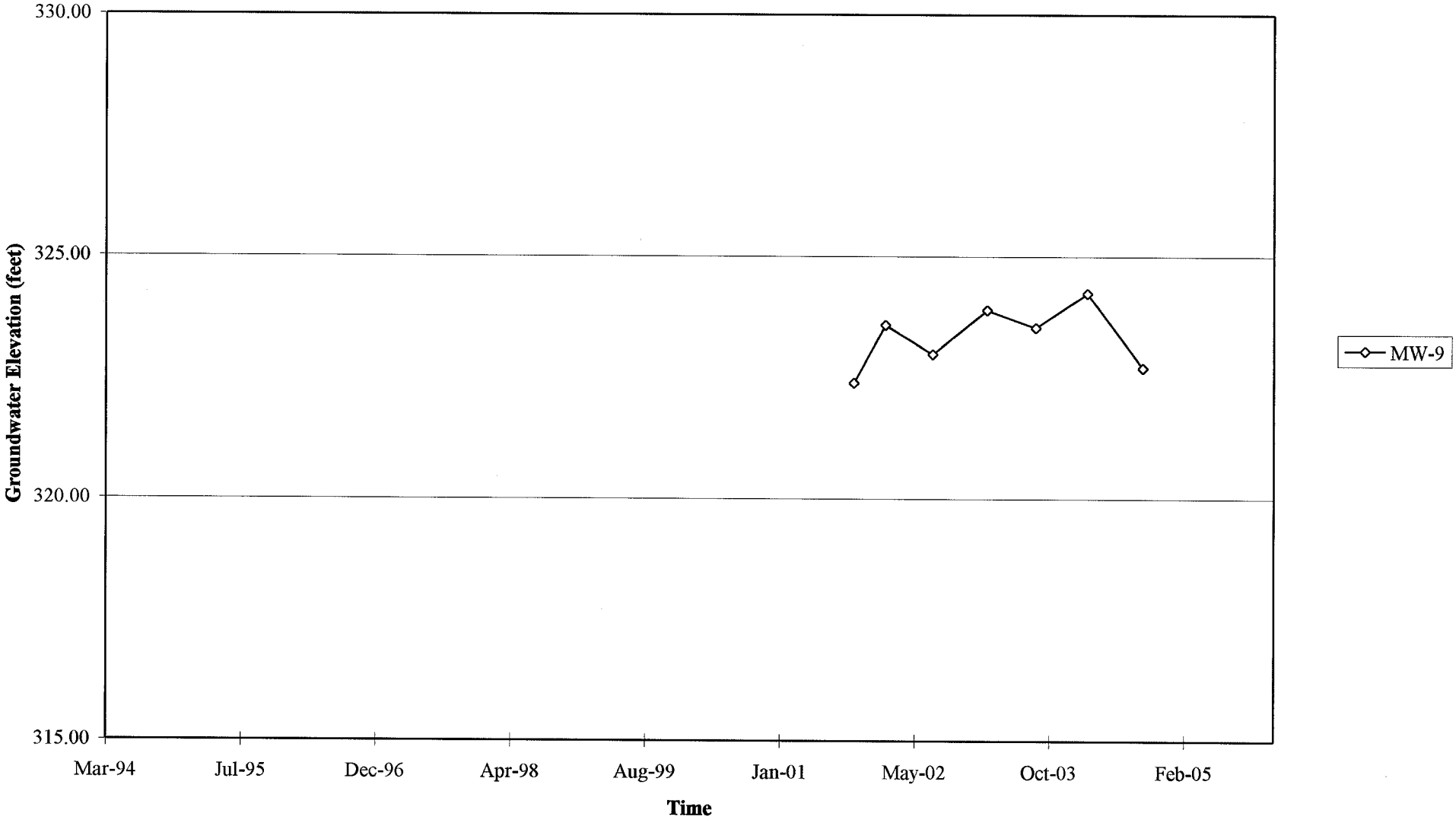
Groundwater Elevations vs. Time
76 Station 6419



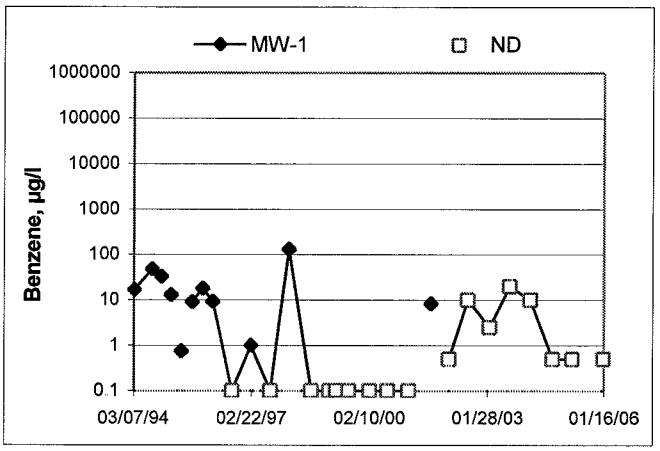
Groundwater Elevations vs. Time
76 Station 6419

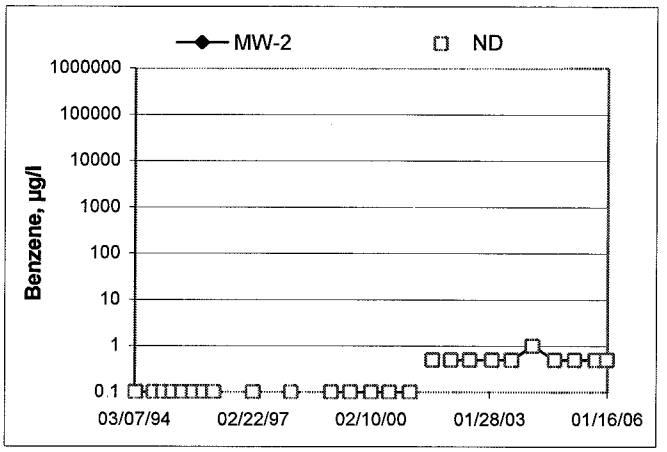


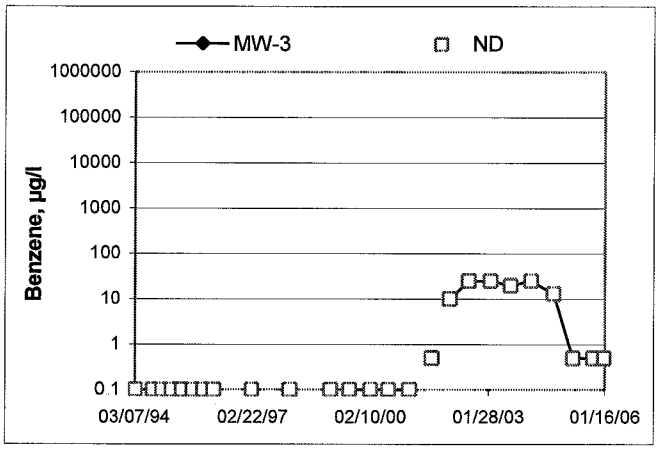
Groundwater Elevations vs. Time
76 Station 6419

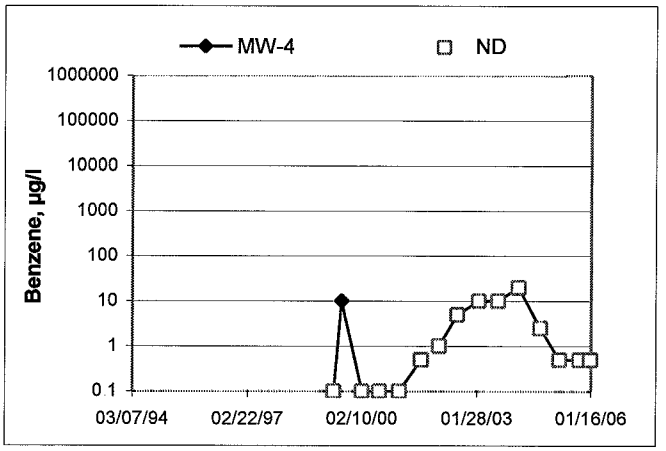


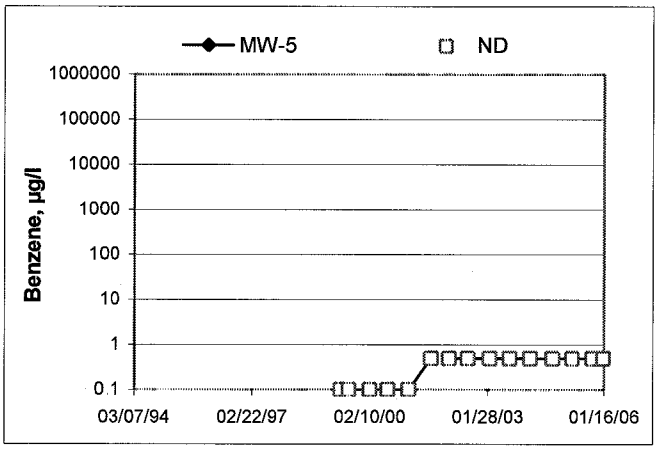
Benzene Concentrations vs Time
76 Station 6419

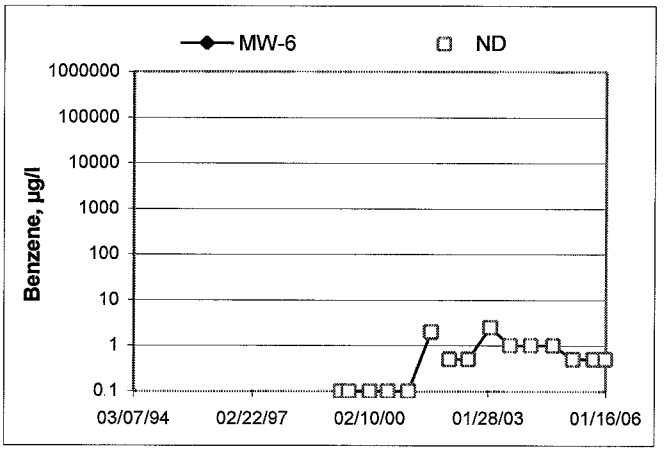


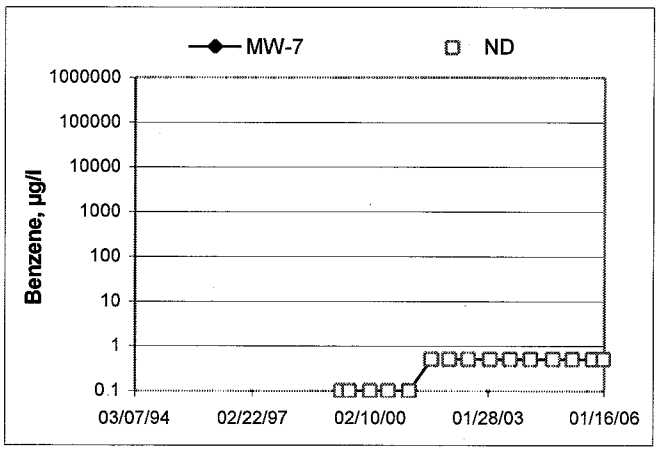


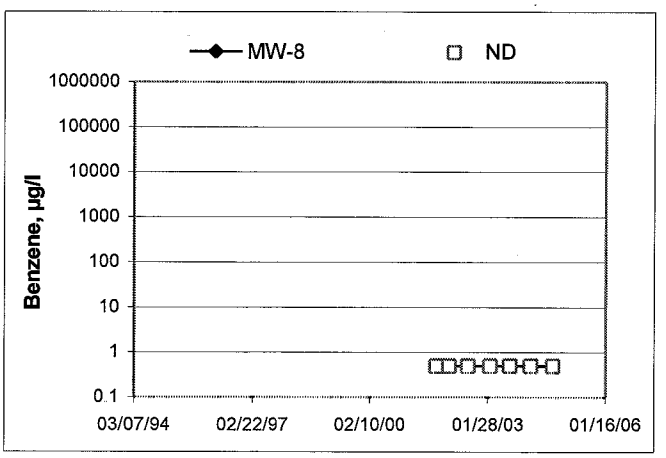




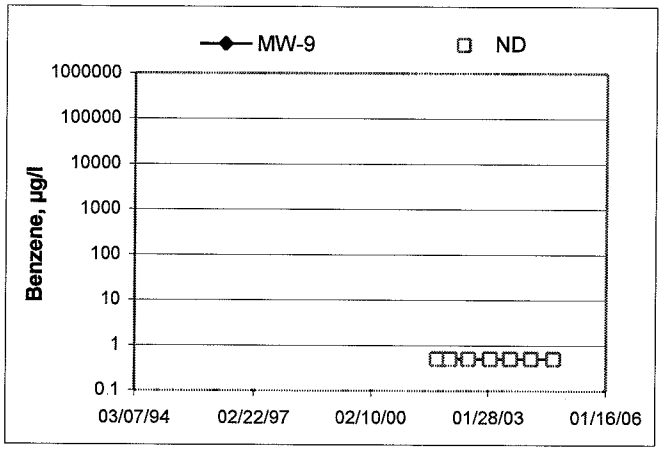








Benzene Concentrations vs Time
76 Station 6419



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: J. KEARNS **Job #/Task #:** 210501.01 FR20 **Date:** 1/9/06

Site # 6499 **Project Manager** KEITH WOODBURNE **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-5	1349	✓	19.20	7.93	—	0	1455	2"
MW-7	1354	✓	19.42	7.43	—	0	1510	
MW-2	1359	✓	18.22	7.41	—	0	1530	
MW-4	1409	✓	19.38	7.97	—	0	1545	
MW-1	1415	✓	9.23	7.05	—	0	1620	
MW-6	1421	✓	19.05	7.65	—	0	1600	
MW-3	1430	✓	18.44	7.74	—	0	1645	

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

GROUNDWATER SAMPLING FIELD NOTES

Technician: J. KEARNS

Site: C419 Project No.: 41005002 Date: 1/9/06

Well No.: MW-5 Purge Method: DIA

Depth to Water (feet): 7.93 Depth to Product (feet): —

Total Depth (feet): 19.20 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.27 Casing Diameter (Inches): 2

80% Recharge Depth (feet): 10.18 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1447			2	2.32 mS	21.4	7.09		
			4	2.49 mS	22.1	7.05		
	1457		6	2.56 mS	22.3	7.47		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.57	6	1455

Comments:

Well No.: MW-7 Purge Method: DIA

Depth to Water (feet): 7.43 Depth to Product (feet): —

Total Depth (feet): 19.42 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.99 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.53 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1504			2	2.56 mS	20.5	7.44		
			4	2.57 mS	20.1	7.40		
	1506		6	2.52 mS	20.4	7.42		

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.14	6	1510

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: J. KEARNS

Site: 6419 Project No.: 41050001 Date: 1/9/06

Well No.: MW-3 Purge Method: DTA

Depth to Water (feet): 7.41 Depth to Product (feet): —

Total Depth (feet): 18.22 LPH & Water Recovered (gallons): 6

Water Column (feet): 10.81 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.57 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
1523			2	3.15 mS	20.1	7.23		
			4	3.27 mS	20.5	7.18		
	1525		6	3.32 mS	20.5	7.18		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.00	6	1530

Comments:

Well No.: MW-4 Purge Method: DTA

Depth to Water (feet): 7.97 Depth to Product (feet): —

Total Depth (feet): 19.08 LPH & Water Recovered (gallons): 6

Water Column (feet): 11.11 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 (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
1538			2	3.11 mS	20.1	7.31		
			4	2.90 mS	20.1	7.30		
	1541		6	2.75 mS	20.0	7.29		

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.03	6	1545

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: J. KEARNS

Site: 6499 Project No.: 41050001 Date: 1/9/08

Well No.: MW-1 Purge Method: ~~DTA~~ H.B.

Depth to Water (feet): 7.05 Depth to Product (feet): —

Total Depth (feet): 9.23 LPH & Water Recovered (gallons): Ø

Water Column (feet): 2.18 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 7.79 1 Well Volume (gallons): 0.5

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
1609			.5	1364	18.5	7.41		
			1	786	17.8	7.97		
	1613		1.5	755	18.5	7.88		

Static at Time Sampled		Total Gallons Purged	Time Sampled
7.45		1.5	1620

Comments:

Well No.: MW-4 Purge Method: DTA

Depth to Water (feet): 7.65 Depth to Product (feet): —

Total Depth (feet): 19.05 LPH & Water Recovered (gallons): Ø

Water Column (feet): 11.40 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.93 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
1553			2	3.23 mS	19.6	7.09		
			4	3.25 mS	20.1	7.07		
	1556		6	3.22 mS	20.4	7.4		

Static at Time Sampled		Total Gallons Purged	Time Sampled
9.95		6	1600

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: J. KEARNS

Site: ~~Circle~~ K 6419 Project No.: 4105000.1 Date: 1/4/05

Well No.: MW-3 Purge Method: DA

Depth to Water (feet): 7.74 Depth to Product (feet): —

Total Depth (feet): 18.44 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.70 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.56 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
1624			2	1442	20.5	7.44		
			4	1528	20.3	7.60		
	1632		6	2 ~~15~~	20.6	7.28		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.56	6	1645

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	Turbidity	D.O.

Static at Time Sampled	Total Gallons Purged	Time Sampled

Comments:

BC Laboratories, Inc

Date of Report: 01/19/2006

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302
RE: 6419
BC Lab Number: 0600386

Enclosed are the results of analyses for samples received by the laboratory on 01/11/06 23:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

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

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

Reported: 01/19/06 09:58

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0600386-01	**COC Number:**	---	**Receive Date:**	01/11/06 23:00	Delivery Work Order (LabW:
	Project Number:	6419	**Sampling Date:**	01/09/06 14:55	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:	J. Kearns of TRCI			Cooler ID:
0600386-02	**COC Number:**	---	**Receive Date:**	01/11/06 23:00	Delivery Work Order (LabW:
	Project Number:	6419	**Sampling Date:**	01/09/06 15:10	Global ID: T0600101443
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-7	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	J. Kearns of TRCI			Cooler ID:
0600386-03	**COC Number:**	---	**Receive Date:**	01/11/06 23:00	Delivery Work Order (LabW:
	Project Number:	6419	**Sampling Date:**	01/09/06 15:30	Global ID: T0600101443
	Sampling Location:	MW-2	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-2	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	J. Kearns of TRCI			Cooler ID:
0600386-04	**COC Number:**	---	**Receive Date:**	01/11/06 23:00	Delivery Work Order (LabW:
	Project Number:	6419	**Sampling Date:**	01/09/06 15:45	Global ID: T0600101443
	Sampling Location:	MW-4	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-4	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	J. Kearns of TRCI			Cooler ID:
0600386-05	**COC Number:**	---	**Receive Date:**	01/11/06 23:00	Delivery Work Order (LabW:
	Project Number:	6419	**Sampling Date:**	01/09/06 16:00	Global ID: T0600101443
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	J. Kearns of TRCI			Cooler ID:

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TRC Alton Geoscience	Project: 6419	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 01/19/06 09:58

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0600386-06	**COC Number:**	---	**Receive Date:**	01/11/06 23:00	Delivery Work Order (LabW:
	Project Number:	6419	**Sampling Date:**	01/09/06 16:45	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:	J. Kearns of TRCI			Cooler ID:
0600386-07	**COC Number:**	---	**Receive Date:**	01/11/06 23:00	Delivery Work Order (LabW:
	Project Number:	6419	**Sampling Date:**	01/09/06 16:20	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:	J. Kearns of TRCI			Cooler ID:

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

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

Reported: 01/19/06 09:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0600386-01 | **Client Sample Name:** 6419, MW-5, MW-5, 1/9/2006 2:55:00PM, J. Kearns

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	01/12/06	01/13/06 11:30	MCF	MS-V10	1	BPA0490	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 11:30	MCF	MS-V10	1	BPA0490	ND	
Methyl t-butyl ether	14	ug/L	0.50		EPA-8260	01/12/06	01/13/06 11:30	MCF	MS-V10	1	BPA0490	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 11:30	MCF	MS-V10	1	BPA0490	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/12/06	01/13/06 11:30	MCF	MS-V10	1	BPA0490	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/12/06	01/13/06 11:30	MCF	MS-V10	1	BPA0490	ND	V11
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/12/06	01/13/06 11:30	MCF	MS-V10	1	BPA0490	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 11:30	MCF	MS-V10	1	BPA0490		
Toluene-d8 (Surrogate)	100	%	88 - 110	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 11:30	MCF	MS-V10	1	BPA0490		
4-Bromofluorobenzene (Surrogate)	95.7	%	86 - 115	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 11:30	MCF	MS-V10	1	BPA0490		

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

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

Reported: 01/19/06 09:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0600386-02 | **Client Sample Name:** 6419, MW-7, MW-7, 1/9/2006 3:10:00PM, J. Kearns

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	01/12/06	01/13/06 09:16	MCF	MS-V10	1	BPA0490	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 09:16	MCF	MS-V10	1	BPA0490	ND	
Methyl t-butyl ether	7.6	ug/L	0.50		EPA-8260	01/12/06	01/13/06 09:16	MCF	MS-V10	1	BPA0490	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 09:16	MCF	MS-V10	1	BPA0490	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/12/06	01/13/06 09:16	MCF	MS-V10	1	BPA0490	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/12/06	01/13/06 09:16	MCF	MS-V10	1	BPA0490	ND	V11
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/12/06	01/13/06 09:16	MCF	MS-V10	1	BPA0490	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 09:16	MCF	MS-V10	1	BPA0490		
Toluene-d8 (Surrogate)	99.5	%	88 - 110	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 09:16	MCF	MS-V10	1	BPA0490		
4-Bromofluorobenzene (Surrogate)	99.1	%	86 - 115	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 09:16	MCF	MS-V10	1	BPA0490		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0600386-03 | **Client Sample Name:** 6419, MW-2, MW-2, 1/9/2006 3:30:00PM, J. Kearns

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	01/12/06	01/13/06 09:38	MCF	MS-V10	1	BPA0490	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 09:38	MCF	MS-V10	1	BPA0490	ND	
Methyl t-butyl ether	25	ug/L	0.50		EPA-8260	01/12/06	01/13/06 09:38	MCF	MS-V10	1	BPA0490	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 09:38	MCF	MS-V10	1	BPA0490	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/12/06	01/13/06 09:38	MCF	MS-V10	1	BPA0490	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/12/06	01/13/06 09:38	MCF	MS-V10	1	BPA0490	ND	V11
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/12/06	01/13/06 09:38	MCF	MS-V10	1	BPA0490	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	01/12/06	01/13/06 09:38	MCF	MS-V10	1	BPA0490		
Toluene-d8 (Surrogate)	98.2	%	88 - 110 (LCL - UCL)		EPA-8260	01/12/06	01/13/06 09:38	MCF	MS-V10	1	BPA0490		
4-Bromofluorobenzene (Surrogate)	95.0	%	86 - 115 (LCL - UCL)		EPA-8260	01/12/06	01/13/06 09:38	MCF	MS-V10	1	BPA0490		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0600386-04 | **Client Sample Name:** 6419, MW-4, MW-4, 1/9/2006 3:45:00PM, J. Kearns

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	01/12/06	01/13/06 10:00	MCF	MS-V10	1	BPA0490	ND	
Ethylbenzene	1.5	ug/L	0.50		EPA-8260	01/12/06	01/13/06 10:00	MCF	MS-V10	1	BPA0490	ND	
Methyl t-butyl ether	150	ug/L	5.0		EPA-8260	01/12/06	01/14/06 05:23	MCF	MS-V10	10	BPA0490	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 10:00	MCF	MS-V10	1	BPA0490	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/12/06	01/13/06 10:00	MCF	MS-V10	1	BPA0490	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/12/06	01/13/06 10:00	MCF	MS-V10	1	BPA0490	ND	V11
Total Purgeable Petroleum Hydrocarbons	100	ug/L	50		EPA-8260	01/12/06	01/13/06 10:00	MCF	MS-V10	1	BPA0490	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	01/12/06	01/13/06 10:00	MCF	MS-V10	1	BPA0490		
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	01/12/06	01/14/06 05:23	MCF	MS-V10	10	BPA0490		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	01/12/06	01/13/06 10:00	MCF	MS-V10	1	BPA0490		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	01/12/06	01/14/06 05:23	MCF	MS-V10	10	BPA0490		
4-Bromofluorobenzene (Surrogate)	94.5	%	86 - 115 (LCL - UCL)		EPA-8260	01/12/06	01/13/06 10:00	MCF	MS-V10	1	BPA0490		
4-Bromofluorobenzene (Surrogate)	95.5	%	86 - 115 (LCL - UCL)		EPA-8260	01/12/06	01/14/06 05:23	MCF	MS-V10	10	BPA0490		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0600386-05 | **Client Sample Name:** 6419, MW-6, MW-6, 1/9/2006 4:00:00PM, J. Kearns

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	01/12/06	01/13/06 10:45	MCF	MS-V10	1	BPA0490	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 10:45	MCF	MS-V10	1	BPA0490	ND	
Methyl t-butyl ether	160	ug/L	5.0		EPA-8260	01/12/06	01/14/06 05:45	MCF	MS-V10	10	BPA0490	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 10:45	MCF	MS-V10	1	BPA0490	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/12/06	01/13/06 10:45	MCF	MS-V10	1	BPA0490	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/12/06	01/13/06 10:45	MCF	MS-V10	1	BPA0490	ND	V11
Total Purgeable Petroleum Hydrocarbons	100	ug/L	50		EPA-8260	01/12/06	01/13/06 10:45	MCF	MS-V10	1	BPA0490	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 10:45	MCF	MS-V10	1	BPA0490		
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114	(LCL - UCL)	EPA-8260	01/12/06	01/14/06 05:45	MCF	MS-V10	10	BPA0490		
Toluene-d8 (Surrogate)	101	%	88 - 110	(LCL - UCL)	EPA-8260	01/12/06	01/14/06 05:45	MCF	MS-V10	10	BPA0490		
Toluene-d8 (Surrogate)	98.4	%	88 - 110	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 10:45	MCF	MS-V10	1	BPA0490		
4-Bromofluorobenzene (Surrogate)	94.7	%	86 - 115	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 10:45	MCF	MS-V10	1	BPA0490		
4-Bromofluorobenzene (Surrogate)	95.5	%	86 - 115	(LCL - UCL)	EPA-8260	01/12/06	01/14/06 05:45	MCF	MS-V10	10	BPA0490		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0600386-06 | **Client Sample Name:** 6419, MW-3, MW-3, 1/9/2006 4:45:00PM, J. Kearns

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	01/12/06	01/13/06 11:08	MCF	MS-V10	1	BPA0401	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 11:08	MCF	MS-V10	1	BPA0401	ND	
Methyl t-butyl ether	1200	ug/L	50		EPA-8260	01/12/06	01/14/06 05:01	MCF	MS-V10	100	BPA0401	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	01/12/06	01/13/06 11:08	MCF	MS-V10	1	BPA0401	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/12/06	01/13/06 11:08	MCF	MS-V10	1	BPA0401	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/12/06	01/13/06 11:08	MCF	MS-V10	1	BPA0401	ND	V11
Total Purgeable Petroleum Hydrocarbons	410	ug/L	50		EPA-8260	01/12/06	01/13/06 11:08	MCF	MS-V10	1	BPA0401	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 11:08	MCF	MS-V10	1	BPA0401		
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114	(LCL - UCL)	EPA-8260	01/12/06	01/14/06 05:01	MCF	MS-V10	100	BPA0401		
Toluene-d8 (Surrogate)	99.9	%	88 - 110	(LCL - UCL)	EPA-8260	01/12/06	01/14/06 05:01	MCF	MS-V10	100	BPA0401		
Toluene-d8 (Surrogate)	102	%	88 - 110	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 11:08	MCF	MS-V10	1	BPA0401		
4-Bromofluorobenzene (Surrogate)	95.9	%	86 - 115	(LCL - UCL)	EPA-8260	01/12/06	01/13/06 11:08	MCF	MS-V10	1	BPA0401		
4-Bromofluorobenzene (Surrogate)	95.9	%	86 - 115	(LCL - UCL)	EPA-8260	01/12/06	01/14/06 05:01	MCF	MS-V10	100	BPA0401		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0600386-07 | **Client Sample Name:** 6419, MW-1, MW-1, 1/9/2006 4:20:00PM, J. Kearns

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	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
Methyl t-butyl ether	2.8	ug/L	0.50		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
Ethanol	ND	ug/L	250		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	V11
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.7	%	76 - 114	(LCL - UCL)	EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401		
Toluene-d8 (Surrogate)	97.3	%	88 - 110	(LCL - UCL)	EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115	(LCL - UCL)	EPA-8260	01/12/06	01/14/06 01:38	MCF	MS-V10	1	BPA0401		

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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BPA0401	BPA0401-MS1	Matrix Spike	ND	30.380	25.000	ug/L		122		70 - 130	
		BPA0401-MSD1	Matrix Spike Duplicate	ND	26.460	25.000	ug/L	14.0	106	20	70 - 130	
Toluene	BPA0401	BPA0401-MS1	Matrix Spike	ND	31.040	25.000	ug/L		124		70 - 130	
		BPA0401-MSD1	Matrix Spike Duplicate	ND	27.170	25.000	ug/L	12.9	109	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPA0401	BPA0401-MS1	Matrix Spike	ND	9.8600	10.000	ug/L		98.6		76 - 114	
		BPA0401-MSD1	Matrix Spike Duplicate	ND	10.530	10.000	ug/L		105		76 - 114	
Toluene-d8 (Surrogate)	BPA0401	BPA0401-MS1	Matrix Spike	ND	9.8200	10.000	ug/L		98.2		88 - 110	
		BPA0401-MSD1	Matrix Spike Duplicate	ND	10.080	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPA0401	BPA0401-MS1	Matrix Spike	ND	10.140	10.000	ug/L		101		86 - 115	
		BPA0401-MSD1	Matrix Spike Duplicate	ND	10.090	10.000	ug/L		101		86 - 115	
Benzene	BPA0490	BPA0490-MS1	Matrix Spike	ND	26.610	25.000	ug/L		106		70 - 130	
		BPA0490-MSD1	Matrix Spike Duplicate	ND	27.350	25.000	ug/L	2.79	109	20	70 - 130	
Toluene	BPA0490	BPA0490-MS1	Matrix Spike	ND	28.020	25.000	ug/L		112		70 - 130	
		BPA0490-MSD1	Matrix Spike Duplicate	ND	28.900	25.000	ug/L	3.51	116	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPA0490	BPA0490-MS1	Matrix Spike	ND	10.020	10.000	ug/L		100		76 - 114	
		BPA0490-MSD1	Matrix Spike Duplicate	ND	9.7400	10.000	ug/L		97.4		76 - 114	
Toluene-d8 (Surrogate)	BPA0490	BPA0490-MS1	Matrix Spike	ND	9.9800	10.000	ug/L		99.8		88 - 110	
		BPA0490-MSD1	Matrix Spike Duplicate	ND	9.9700	10.000	ug/L		99.7		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPA0490	BPA0490-MS1	Matrix Spike	ND	9.8300	10.000	ug/L		98.3		86 - 115	
		BPA0490-MSD1	Matrix Spike Duplicate	ND	10.040	10.000	ug/L		100		86 - 115	

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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	BPA0401	BPA0401-BS1	LCS	25.190	25.000	0.50	ug/L	101		70 - 130		
Toluene	BPA0401	BPA0401-BS1	LCS	25.610	25.000	0.50	ug/L	102		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPA0401	BPA0401-BS1	LCS	10.680	10.000		ug/L	107		76 - 114		
Toluene-d8 (Surrogate)	BPA0401	BPA0401-BS1	LCS	9.8700	10.000		ug/L	98.7		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPA0401	BPA0401-BS1	LCS	10.690	10.000		ug/L	107		86 - 115		
Benzene	BPA0490	BPA0490-BS1	LCS	26.800	25.000	0.50	ug/L	107		70 - 130		
Toluene	BPA0490	BPA0490-BS1	LCS	26.930	25.000	0.50	ug/L	108		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPA0490	BPA0490-BS1	LCS	9.4300	10.000		ug/L	94.3		76 - 114		
Toluene-d8 (Surrogate)	BPA0490	BPA0490-BS1	LCS	9.9300	10.000		ug/L	99.3		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPA0490	BPA0490-BS1	LCS	10.020	10.000		ug/L	100		86 - 115		

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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	BPA0401	BPA0401-BLK1	ND	ug/L	0.50	0.12	
1,2-Dibromoethane	BPA0401	BPA0401-BLK1	ND	ug/L	0.50	0.24	
1,2-Dichloroethane	BPA0401	BPA0401-BLK1	ND	ug/L	0.50	0.25	
Ethylbenzene	BPA0401	BPA0401-BLK1	ND	ug/L	0.50	0.12	
Methyl t-butyl ether	BPA0401	BPA0401-BLK1	ND	ug/L	0.50	0.12	
Toluene	BPA0401	BPA0401-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BPA0401	BPA0401-BLK1	ND	ug/L	1.0	0.37	
t-Amyl Methyl ether	BPA0401	BPA0401-BLK1	ND	ug/L	0.50	0.49	
t-Butyl alcohol	BPA0401	BPA0401-BLK1	ND	ug/L	10	10	
Diisopropyl ether	BPA0401	BPA0401-BLK1	ND	ug/L	0.50	0.25	
Ethanol	BPA0401	BPA0401-BLK1	ND	ug/L	250	110	
Ethyl t-butyl ether	BPA0401	BPA0401-BLK1	ND	ug/L	0.50	0.25	
Total Purgeable Petroleum Hydrocarbons	BPA0401	BPA0401-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BPA0401	BPA0401-BLK1	106	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPA0401	BPA0401-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPA0401	BPA0401-BLK1	97.0	%	86 - 115 (LCL - UCL)		
Benzene	BPA0490	BPA0490-BLK1	ND	ug/L	0.50	0.12	
Ethylbenzene	BPA0490	BPA0490-BLK1	ND	ug/L	0.50	0.12	
Methyl t-butyl ether	BPA0490	BPA0490-BLK1	ND	ug/L	0.50	0.12	
Toluene	BPA0490	BPA0490-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BPA0490	BPA0490-BLK1	ND	ug/L	1.0	0.37	
Ethanol	BPA0490	BPA0490-BLK1	ND	ug/L	250	110	
Total Purgeable Petroleum Hydrocarbons	BPA0490	BPA0490-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BPA0490	BPA0490-BLK1	99.6	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPA0490	BPA0490-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPA0490	BPA0490-BLK1	100	%	86 - 115 (LCL - UCL)		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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

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

Reported: 01/19/06 09:58

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

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

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

Reported: 01/19/06 09:58

Notes and Definitions

V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
A53	Chromatogram not typical of gasoline.
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

ORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 10 01/21/04 Page 1 Of 1

mission #: 06-00386 | 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 R/W
Temperature: 3.9 °C
Thermometer ID: 48
Emissivity 1.0
Container VOA

Date/Time 11/11/06
Analyst Init AM

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

CHK BY NPJ JLR DISTRIBUTION SUB OUT

mments: -5 have one voa w/ broken lid w/ red tape
mple Numbering Completed By: CDR Date/Time: 1/12 1101

[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

06-00386

Analysis Requested

Circle one: (Phillips 66) Unocal

Consultant Firm: TRC

Address: 6401 Dublin Blvd.

21 Techology Drive
Irvine, CA 92618-2302
Attn: Anju Farfan

City: Dublin

4-digit site#: 6419

Workorder #: 2527 TRC 502

State: CA Zip:

Project #: 419550101

Phillips 66 /Unocal Mgr: Thomas Kosel

Sampler Name: J. Kearns

Lab#	Sample Desenption	Field Point Name	Date Sampled		MATRIX (GW) Groundwater (S) Soil (NW) Wastewater (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015 (M)	TPH DIESEL by 8015	oxys built in w/ MTBE & oxygenates	BTEX/MTBE by 8260B	ETHANOL by 8260B	TPH(g) by 8260B	Turnaround Time Requested
-1	MW-5		1/9/06	1455	G.W.					X	X	X	STD.
-2	MW-7			1510									
-3	MW-2			1530									
-4	MW-4			1545									
-5	MW-6			1600									
-6	MW-3			1645									
-7	MW-1			1620									

Comments "RUN 3 OXYS by 8260 ON 8260 MTBE HIT ON MW-1 ONLY"

GLOBAL ID: T0600101443

Relinquished by (Signature): Ross Dickey

Relinquished by (Signature):

Relinquished by (Signature): Ross Dickey

Received by: REFRIGERATOR — Date & Time: 1/9/06 1845

Received by: Ross Dickey — Date & Time: 01-11-06 1420

Received by: Lisa McAffee — Date & Time: 1-11-06 1815

1/11/06 23

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

Rel'd Lisa M. McAffee 1-11-06 2300

Northern CA

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 Onyx Transportation, Inc., 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 containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

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.