

RECEIVED

By dehloptoxic at 2:00 pm, Nov 02, 2006



76 Broadway
Sacramento, California 95818

October 31, 2006

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

Re: **Report Transmittal
Quarterly Report
Third 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,

A handwritten signature in black ink that reads "Thomas H. Kosel".

Thomas Kosel
Risk Management & Remediation

Attachment



Customer-Focused Solutions

October 31, 2006

TRC Project No. 42017010

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 2006
76 Service Station #6419, 6401 Dublin Boulevard, Dublin, California
Alameda County**

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Third 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.

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

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

MONITORING AND SAMPLING

Three onsite wells are currently monitored semi-annually during the first and third quarters. All three remaining site wells were gauged and sampled this quarter. The groundwater flow direction is toward the west at a calculated hydraulic gradient of 0.01 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

Total petroleum hydrocarbons as gasoline (TPH-g) were detected in two of the three remaining wells sampled at a maximum concentration of 780 micrograms per liter ($\mu\text{g/l}$) in onsite monitoring well MW-3. Benzene was not detected above laboratory reporting limits in any of the three remaining wells sampled. Methyl tertiary butyl ether (MTBE) was detected in all three wells sampled at a maximum concentration of 1,500 $\mu\text{g/l}$ 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

No correspondence this quarter.

CURRENT QUARTER ACTIVITIES

September 27, 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.

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 will pursue 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.

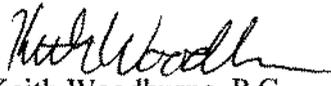
A work plan for initiation of remediation will be submitted by the end of the fourth quarter 2006. In addition, TRC will complete a sensitive receptor survey to determine if potential receptors exist in the site vicinity.

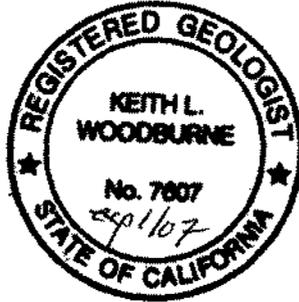
TRC recommends continuing semi-annual monitoring and sampling of existing site wells to assess plume stability and concentration trends onsite.

QSR – Third Quarter 2006
76 Service Station #6419, Dublin, California
October 31, 2006
Page 4

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

Sincerely,
TRC


Keith Woodburne, P.G.
Senior Project Manager

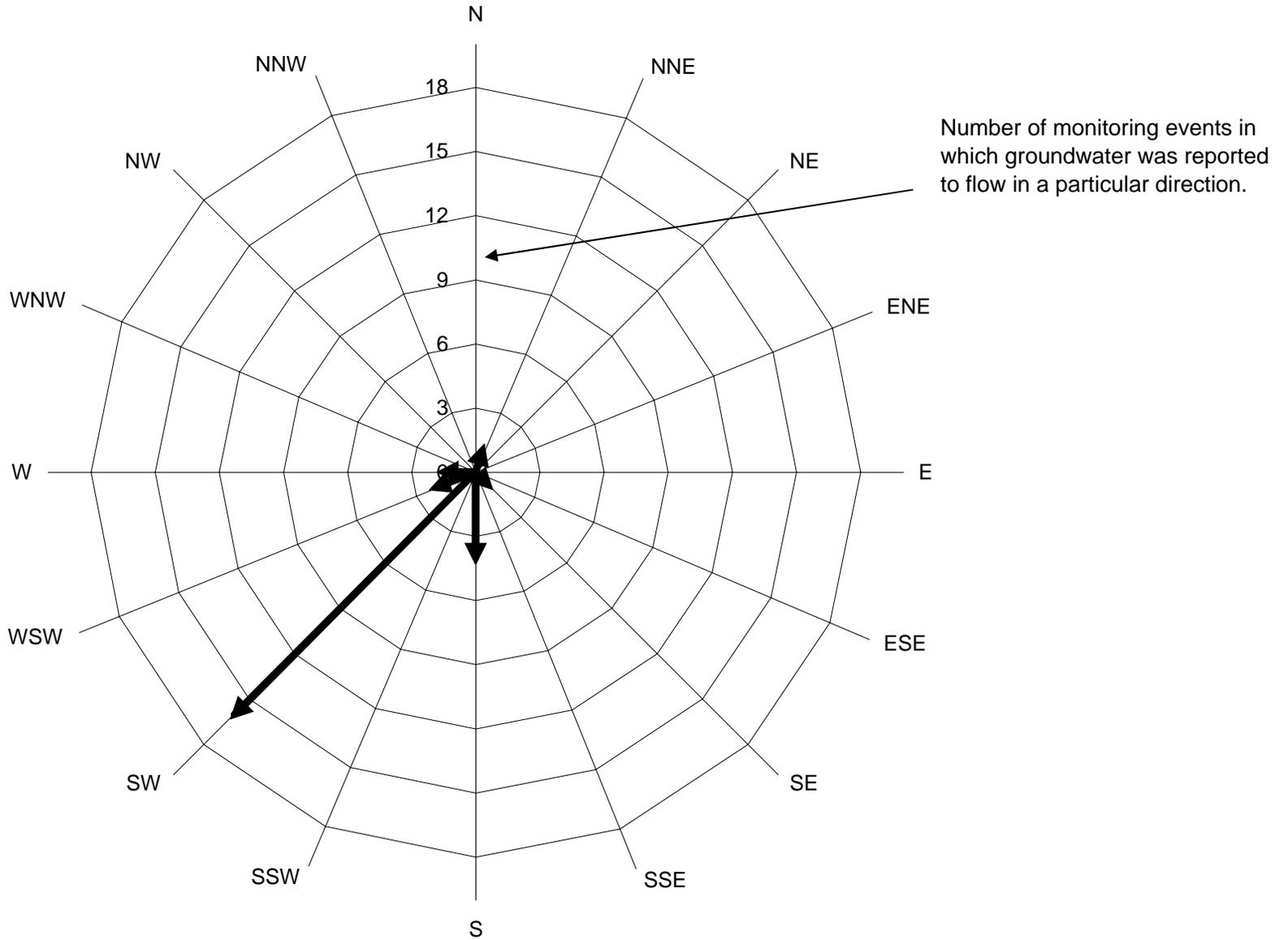


Attachment:

Semi-Annual Monitoring Report, April 2006 through September 2006 (TRC, October 13, 2006)
Historical Groundwater Flow Directions – September 1994 through September 2006

cc: Shelby Lathrop, ConocoPhillips (electronic upload only)

**Historical Groundwater Flow Directions
for Tosco (76) Service Station No. 6419
September 1994 through September 2006**





October 13, 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
APRIL THROUGH SEPTEMBER 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

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

Anju Farfan
QMS Operations Manager

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

Enclosures
20-0400/6419R07.QMS





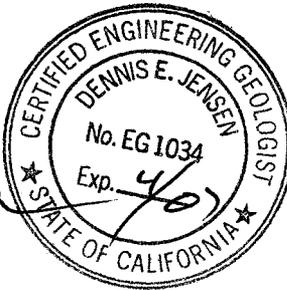
**SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2006**

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
October 13, 2006



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 – 9/27/06 Groundwater Sampling Field Notes – 9/27/06
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 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: **09/27/06**

Sample Points

Groundwater wells: **3** onsite, **0** offsite Wells gauged: **3** Wells sampled: **3**
Purging method: **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: **8.05 feet** Maximum: **8.6 feet**
Average groundwater elevation (relative to available local datum): **321.92 feet**
Average change in groundwater elevation since previous event: **-0.82 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.01 ft/ft, west**
 Previous event: **0.01 ft/ft, west (01/09/06)**

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: **780 µg/l (MW-3)**
Wells with **MTBE** **3** Maximum: **1,500 µg/l (MW-3)**

Notes:

MW-2=Destroyed on 1/12/06, MW-4=Destroyed on 1/12/06, MW-6=Destroyed on 1/12/06, MW-7=Destroyed on 1/12/06,

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-)

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: 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 27, 2006
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	Ethylbenzene	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)													
09/27/06	330.17	8.05	0.00	322.12	-1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.4	
MW-2	(Screen Interval in feet: 4.0-20.0)													
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-3	(Screen Interval in feet: 4.0-20.0)													
09/27/06	330.59	8.54	0.00	322.05	-0.80	--	780	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1500	
MW-4	(Screen Interval in feet: 4.0-19.0)													
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-5	(Screen Interval in feet: 4.0-19.0)													
09/27/06	330.18	8.60	0.00	321.58	-0.67	--	300	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	860	
MW-6	(Screen Interval in feet: 4.0-19.0)													
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-7	(Screen Interval in feet: 4.0-19.0)													
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 6419

Date Sampled	Ethanol (8260B)
	(µg/l)
<hr/>	
MW-1	
09/27/06	ND<250
MW-3	
09/27/06	ND<2500
MW-5	
09/27/06	ND<250

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through September 2006
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)	(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)														
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 September 2006
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)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
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	
09/27/06	330.17	8.05	0.00	322.12	-1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.4	
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	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through September 2006
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)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2 continued														
01/17/95	330.40	6.00	0.00	324.40	1.48	--	--	--	--	--	--	--	--	
02/15/95	330.40	6.16	0.00	324.24	-0.16	ND	--	ND	ND	ND	ND	--	--	
03/13/95	330.40	5.59	0.00	324.81	0.57	--	--	--	--	--	--	--	--	
04/06/95	330.40	5.51	0.00	324.89	0.08	--	--	--	--	--	--	--	--	
05/17/95	330.40	6.15	0.00	324.25	-0.64	ND	--	ND	ND	ND	ND	--	--	
06/15/95	330.40	6.61	0.00	323.79	-0.46	--	--	--	--	--	--	--	--	
08/25/95	330.40	7.45	0.00	322.95	-0.84	ND	--	ND	ND	ND	ND	--	--	
11/28/95	330.40	8.85	0.00	321.55	-1.40	ND	--	ND	ND	ND	ND	--	--	
02/26/96	330.40	5.49	0.00	324.91	3.36	ND	--	ND	ND	ND	ND	--	--	
08/23/96	330.40	7.44	0.00	322.96	-1.95	--	--	--	--	--	--	--	--	SAMPLED ANNUALLY
02/17/97	330.27	5.64	0.00	324.63	1.67	ND	--	ND	ND	ND	ND	ND	--	
08/18/97	330.27	7.40	0.00	322.87	-1.76	--	--	--	--	--	--	--	--	
02/02/98	330.27	5.09	0.00	325.18	2.31	ND	--	ND	ND	ND	ND	62	--	
08/24/98	330.27	6.70	0.00	323.57	-1.61	--	--	--	--	--	--	--	--	
02/10/99	330.27	5.56	0.00	324.71	1.14	ND	--	ND	ND	ND	ND	130	--	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through September 2006
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)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2 continued														
07/30/02	330.24	7.12	0.00	323.12	-0.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11	
02/17/03	330.24	6.17	0.00	324.07	0.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	25	
08/18/03	330.24	6.36	0.00	323.88	-0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2	
02/24/04	330.24	5.87	0.00	324.37	0.49	--	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	100	
09/17/04	330.24	7.22	0.00	323.02	-1.35	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	70	
03/22/05	330.24	5.55	0.00	324.69	1.67	--	110	ND<0.50	1.3	0.68	2.4	--	29	
09/29/05	330.24	8.26	0.00	321.98	-2.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	23	
01/09/06	330.24	7.41	0.00	322.83	0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	25	
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-3 (Screen Interval in feet: 4.0-20.0)														
03/14/94	331.11	7.93	0.00	323.18	--	150	--	ND	ND	ND	ND	--	--	
08/25/94	331.11	9.20	0.00	321.91	-1.27	130	--	ND	ND	ND	ND	--	--	
09/30/94	331.11	9.43	0.00	321.68	-0.23	--	--	--	--	--	--	--	--	
10/20/94	331.11	9.64	0.00	321.47	-0.21	--	--	--	--	--	--	--	--	
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	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through September 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 (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														
02/26/96	331.11	6.25	0.00	324.86	3.27	ND	--	ND	ND	ND	ND	--	--	
08/23/96	331.11	7.98	0.00	323.13	-1.73	--	--	--	--	--	--	--	--	SAMPLED ANNUALLY
02/17/97	330.68	6.07	0.00	324.61	1.48	ND	--	ND	ND	ND	ND	68	--	
08/18/97	330.68	7.82	0.00	322.86	-1.75	--	--	--	--	--	--	--	--	
02/02/98	330.68	5.50	0.00	325.18	2.32	ND	--	ND	ND	ND	ND	100	--	
08/24/98	330.68	7.12	0.00	323.56	-1.62	--	--	--	--	--	--	--	--	
02/10/99	330.68	5.80	0.00	324.88	1.32	ND	--	ND	ND	ND	ND	92	--	
05/21/99	330.49	6.16	0.00	324.33	-0.55	--	--	--	--	--	--	--	--	
08/02/99	330.49	6.95	0.00	323.54	-0.79	ND	--	ND	ND	ND	ND	140	--	
02/11/00	330.49	6.71	0.00	323.78	0.24	ND	--	ND	ND	ND	ND	46	--	
07/26/00	330.60	7.35	0.00	323.25	-0.53	ND	--	ND	ND	ND	ND	927	--	
02/02/01	330.60	7.17	0.00	323.43	0.18	ND	--	ND	ND	ND	ND	2240	--	
05/16/01	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through September 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 (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														
09/27/06	330.59	8.54	0.00	322.05	-0.80	--	780	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	1500	
MW-4 (Screen Interval in feet: 4.0-19.0)														
05/21/99	330.36	6.43	0.00	323.93	--	ND	--	ND	ND	ND	ND	960	910	
08/02/99	330.36	7.34	0.00	323.02	-0.91	ND	--	10	ND	13	11	ND	--	
02/11/00	330.36	6.92	0.00	323.44	0.42	ND	--	ND	ND	ND	ND	2700	--	
07/26/00	330.35	7.68	0.00	322.67	-0.77	ND	--	ND	ND	ND	ND	3710	--	
02/02/01	330.35	7.40	0.00	322.95	0.28	ND	--	ND	ND	ND	ND	5340	--	
08/24/01	330.35	8.14	0.00	322.21	-0.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7800	--	
10/11/01	330.35	8.29	0.00	322.06	-0.15	--	--	--	--	--	--	--	--	
02/06/02	330.35	7.28	0.00	323.07	1.01	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	2300	3100	
07/30/02	330.35	7.76	0.00	322.59	-0.48	--	ND<500	ND<5.0	ND<5.0	5.8	ND<10	--	1600	
02/17/03	330.35	6.85	0.00	323.50	0.91	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	2200	
08/18/03	330.35	7.30	0.00	323.05	-0.45	--	2000	ND<10	ND<10	ND<10	ND<20	--	1400	
02/24/04	330.35	6.55	0.00	323.80	0.75	--	ND<2000	ND<20	ND<20	ND<20	ND<40	--	2000	
09/17/04	330.35	8.00	0.00	322.35	-1.45	--	340	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	610	
03/22/05	330.35	6.37	0.00	323.98	1.63	--	ND<200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	290	
09/29/05	330.35	9.43	0.00	320.92	-3.06	--	84	ND<0.50	ND<0.50	0.53	ND<1.0	--	57	
01/09/06	330.35	7.97	0.00	322.38	1.46	--	100	ND<0.50	ND<0.50	1.5	ND<1.0	--	150	
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-5 (Screen Interval in feet: 4.0-19.0)														
05/21/99	330.20	5.99	0.00	324.21	--	ND	--	ND	ND	ND	ND	32	33	
08/02/99	330.20	6.83	0.00	323.37	-0.84	ND	--	ND	ND	ND	ND	230	--	
02/11/00	330.20	6.34	0.00	323.86	0.49	ND	--	ND	ND	ND	ND	98	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through September 2006
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	Ethylbenzene	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-5 continued														
07/26/00	330.20	7.06	0.00	323.14	-0.72	ND	--	ND	ND	ND	ND	25.9	--	
02/02/01	330.20	6.81	0.00	323.39	0.25	ND	--	ND	ND	ND	ND	18	--	
08/24/01	330.20	7.60	0.00	322.60	-0.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	--	
10/11/01	330.18	7.34	0.00	322.84	0.24	--	--	--	--	--	--	--	--	
02/06/02	330.18	6.55	0.00	323.63	0.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.7	7.9	
07/30/02	330.18	7.15	0.00	323.03	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.6	
02/17/03	330.18	6.27	0.00	323.91	0.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	
08/18/03	330.18	6.57	0.00	323.61	-0.30	--	75	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.8	
02/24/04	330.18	5.88	0.00	324.30	0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.3	
09/17/04	330.18	7.41	0.00	322.77	-1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.4	--	6.0	
03/22/05	330.18	5.58	0.00	324.60	1.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.8	
09/29/05	330.18	9.42	0.00	320.76	-3.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.8	
01/09/06	330.18	7.93	0.00	322.25	1.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	14	
09/27/06	330.18	8.60	0.00	321.58	-0.67	--	300	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	860	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through September 2006
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	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-6 continued														
02/17/03	330.47	6.49	0.00	323.98	0.91	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	400	
08/18/03	330.47	6.81	0.00	323.66	-0.32	--	320	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	280	
02/24/04	330.47	6.11	0.00	324.36	0.70	--	130	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
09/17/04	330.47	7.64	0.00	322.83	-1.53	--	110	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
03/22/05	330.47	5.81	0.00	324.66	1.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	83	
09/29/05	330.47	9.19	0.00	321.28	-3.38	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
01/09/06	330.47	7.65	0.00	322.82	1.54	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-7 (Screen Interval in feet: 4.0-19.0)														
05/21/99	330.43	6.13	0.00	324.30	--	ND	--	ND	ND	ND	ND	22	22	
08/02/99	330.43	6.92	0.00	323.51	-0.79	ND	--	ND	ND	ND	ND	31	--	
02/11/00	330.43	6.50	0.00	323.93	0.42	ND	--	ND	ND	ND	ND	20	--	
07/26/00	330.43	7.18	0.00	323.25	-0.68	ND	--	ND	ND	ND	ND	17.9	--	
02/02/01	330.43	6.95	0.00	323.48	0.23	ND	--	ND	ND	ND	ND	ND	--	
08/24/01	330.43	7.72	0.00	322.71	-0.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.4	--	
10/11/01	330.41	7.87	0.00	322.54	-0.17	--	--	--	--	--	--	--	--	
02/06/02	330.41	6.62	0.00	323.79	1.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.9	3.2	
07/30/02	330.41	--	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.3	
02/17/03	330.41	--	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.7	
08/18/03	330.41	6.64	0.00	323.77	--	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.3	
02/24/04	330.41	6.01	0.00	324.40	0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.2	
09/17/04	330.41	7.45	0.00	322.96	-1.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.7	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 1994 Through September 2006
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-7 continued														
01/09/06	330.41	7.43	0.00	322.98	1.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.6	
09/27/06	--	--	--	--	--	--	--	--	--	--	--	--	--	Destroyed on 1/12/06
MW-8 (Screen Interval in feet: 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	
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	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Cadmium (dissolved) (mg/l)	Chromium (total) (mg/l)	Lead (total) (mg/l)	Nickel (mg/l)	Zinc (total) (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (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<1000	ND<25000	ND<100	ND<100	ND<100	ND<100	ND<100	--	--	--	--	--	3.1	--
02/06/02	--	ND<100	ND<2500	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--	--	--	--
07/30/02	--	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--	--	--	--	--
02/17/03	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--	--	--	--
08/18/03	--	ND<4000	ND<20000	ND<80	ND<80	ND<80	ND<80	ND<80	--	--	--	--	--	--	--
02/24/04	--	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	--	--	--	--	--	--
09/17/04	--	470	ND<50	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	--	--	--	--	--	--
03/22/05	--	ND<5.0	ND<50	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	--	--	--	--	--	--
01/09/06	--	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--	--	--	--	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-2															
02/15/95	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9	--
02/26/96	--	--	--	--	--	--	--	--	--	--	--	--	--	0.43	0.62

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Cadmium (dissolved) (mg/l)	Chromium (total) (mg/l)	Lead (total) (mg/l)	Nickel (mg/l)	Zinc (total) (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-2 continued															
08/23/96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.04
02/17/97	--	--	--	--	--	--	--	--	--	--	--	--	--	0.82	0.9
08/18/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.16
05/16/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.47
08/24/01	--	--	--	--	--	--	--	--	--	--	--	--	--	2.6	--
02/06/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--
08/18/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<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<670	ND<17000	ND<33	ND<33	ND<33	ND<33	ND<33	--	--	--	--	--	--	--
08/18/03	--	--	ND<20000	--	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<25000	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Cadmium (dissolved) (mg/l)	Chromium (total) (mg/l)	Lead (total) (mg/l)	Nickel (mg/l)	Zinc (total) (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-3 continued															
09/17/04	--	--	ND<1300	--	--	--	--	--	--	--	--	--	--	--	--
03/22/05	--	--	ND<1300	--	--	--	--	--	--	--	--	--	--	--	--
09/29/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
01/09/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<2500	--	--	--	--	--	--	--	--	--	--	--	--
MW-4															
08/24/01	--	--	--	--	--	--	--	--	--	--	--	--	--	2.3	--
02/06/02	--	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--	--	--	--	--
08/18/03	--	--	ND<10000	--	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<20000	--	--	--	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
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<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--
08/18/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
03/22/05	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
09/29/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
01/09/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
09/27/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-6															

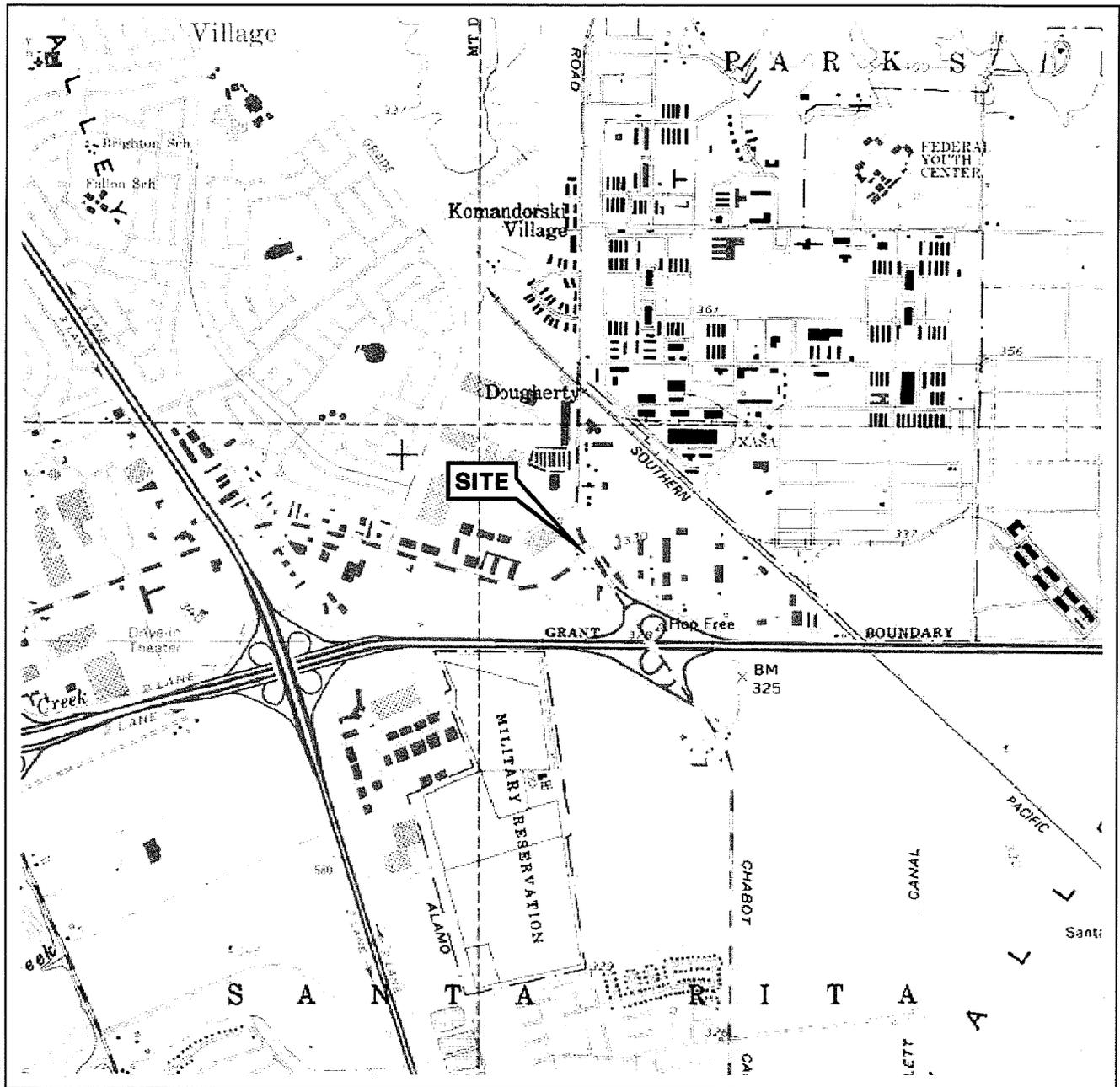
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Cadmium (dissolved) (mg/l)	Chromium (total) (mg/l)	Lead (total) (mg/l)	Nickel (mg/l)	Zinc (total) (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-6 continued															
05/21/99	--	ND<170	--	--	--	ND<8.3	ND<8.3	ND<8.3	--	--	--	--	--	--	--
08/24/01	--	--	--	--	--	--	--	--	--	--	--	--	--	2.7	--
02/06/02	--	ND<170	ND<4200	ND<8.3	ND<8.3	ND<8.3	ND<8.3	ND<8.3	--	--	--	--	--	--	--
08/18/03	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<100	--	--	--	--	--	--	--	--	--	--	--	--
03/22/05	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
09/29/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
01/09/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-7															
08/24/01	--	--	--	--	--	--	--	--	--	--	--	--	--	2.7	--
02/06/02	--	ND<20	ND<500	ND<1.0	ND<1.0	1.4	ND<1.0	ND<1.0	--	--	--	--	--	--	--
08/18/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
03/22/05	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
09/29/05	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
01/09/06	--	--	ND<250	--	--	--	--	--	--	--	--	--	--	--	--
MW-8															
10/11/01	--	ND<20	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
02/06/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--
08/18/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--
MW-9															

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 6419

Date Sampled	TPH-D (µg/l)	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	Cadmium (dissolved) (mg/l)	Chromium (total) (mg/l)	Lead (total) (mg/l)	Nickel (mg/l)	Zinc (total) (mg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-9 continued															
10/11/01	--	ND<20	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
02/06/02	--	ND<20	ND<500	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--	--	--
08/18/03	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
02/24/04	--	--	ND<500	--	--	--	--	--	--	--	--	--	--	--	--
09/17/04	--	--	ND<50	--	--	--	--	--	--	--	--	--	--	--	--

FIGURES



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

SCALE 1:24,000



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Dublin Quadrangle



VICINITY MAP

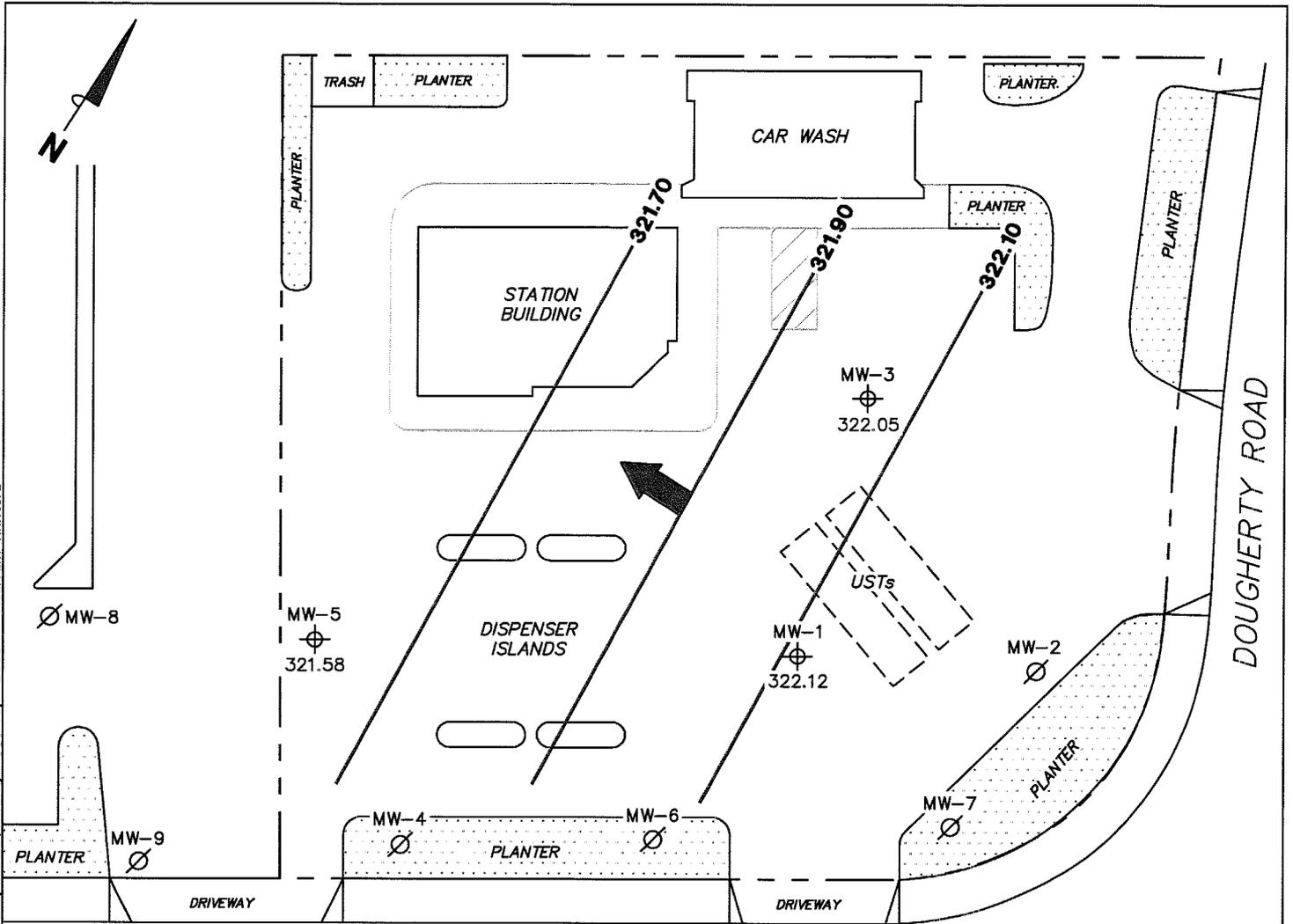
76 Station 6419
6401 Dublin Boulevard
Dublin, California

FIGURE 1

TRC

PS = 1:1

PS=1:1 6419-00.5 L:\Graphics\Projects\Number\20-xxxx\20-0400(Unocal\MS)\x-6000\6419+16419-QMS.dwg Oct 13, 2006 - 11:24am lwinters



DUBLIN BOULEVARD

NOTES:

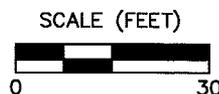
Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

LEGEND	
MW-5	Monitoring Well with Groundwater Elevation (feet)
MW-9	Abandoned Monitoring Well
322.10	Groundwater Elevation Contour
	General Direction of Groundwater Flow

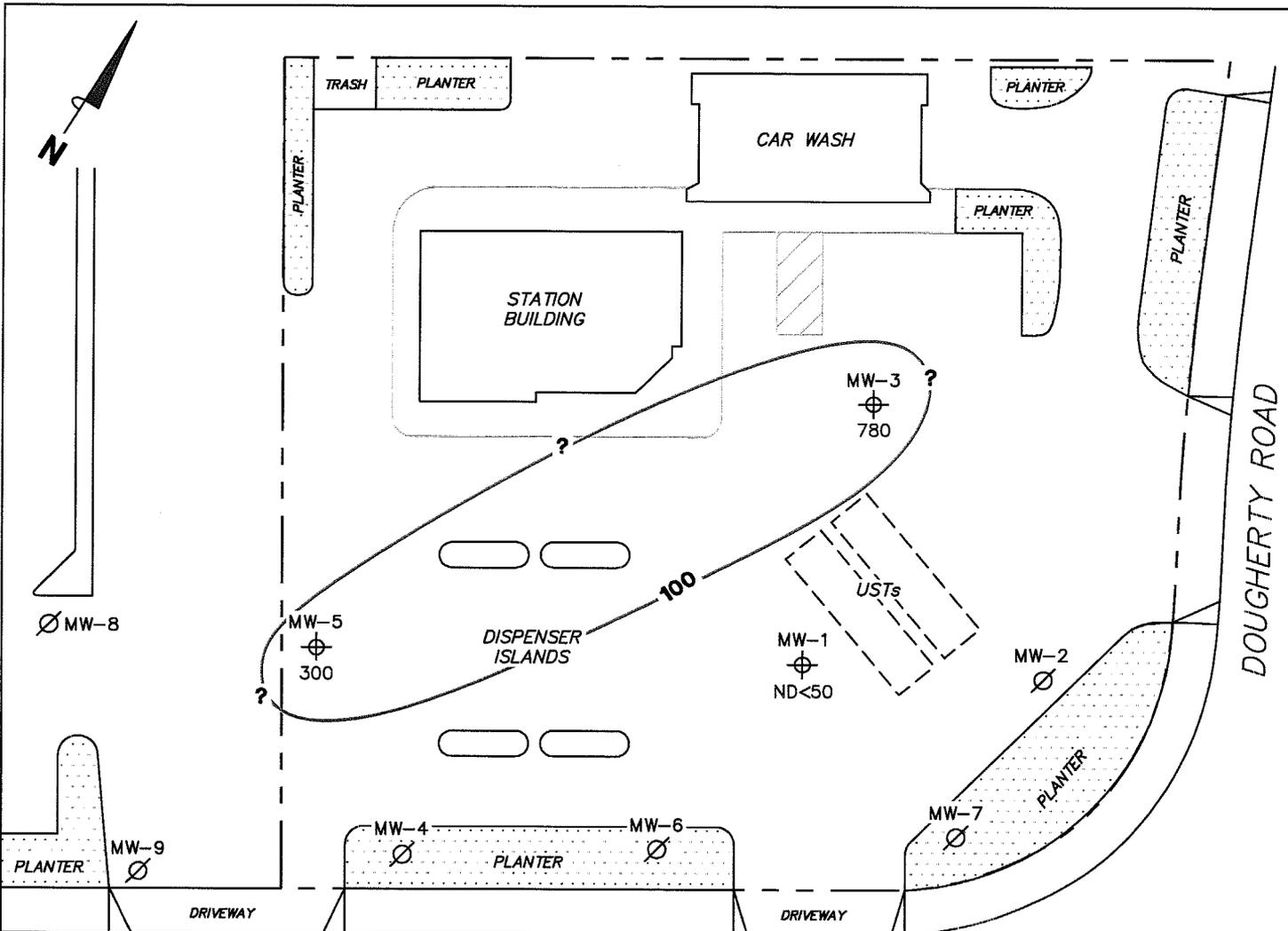
**GROUNDWATER ELEVATION
CONTOUR MAP
September 27, 2006**

76 Station 6419
6401 Dublin Boulevard
Dublin, California

FIGURE 2



P:\S=1:1 6419-003 L:\Graphics\Projects\Number\20-xxxx\20-0400(UnocalQMS)\x-6000\6419-1\6419-QMS.dwg Oct 13, 2006 - 11:25am lwinters



DUBLIN BOULEVARD

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.

LEGEND

MW-7 \oplus Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

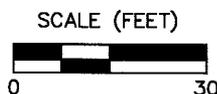
MW-9 \emptyset Abandoned Monitoring Well

—100— Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)

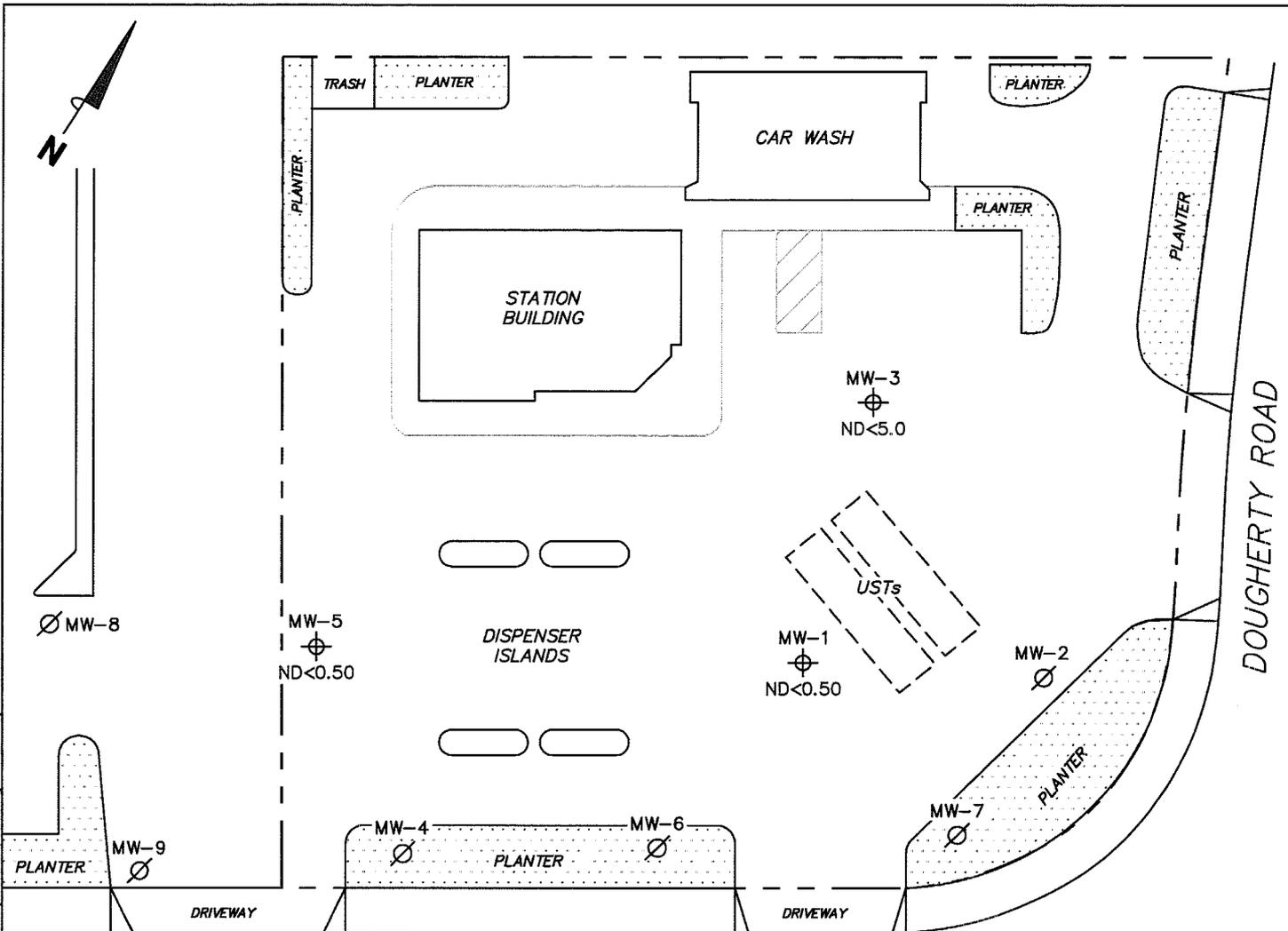
**DISSOLVED-PHASE
 TPH-G (GC/MS)
 CONCENTRATION MAP
 September 27, 2006**

76 Station 6419
 6401 Dublin Boulevard
 Dublin, California

FIGURE 3



HS=1:1 6419-003 L:\Graphics\Projects\Number\20-xxxx\20-0400(Unocd\GMS)\x-6000\6419+6419-CMS.dwg Oct 13, 2006 - 10:15am iwinters



DUBLIN BOULEVARD

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

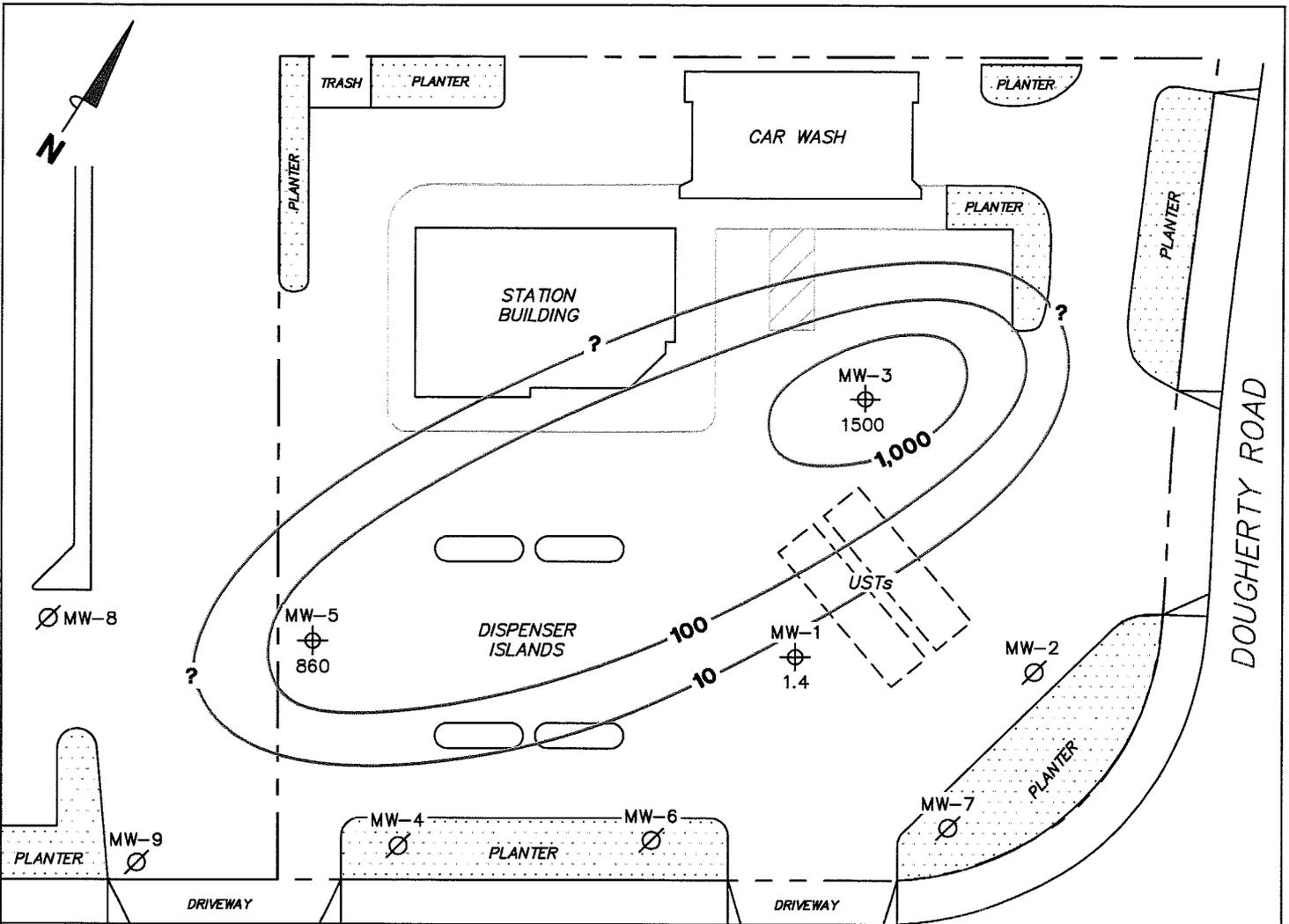
**DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 27, 2006**

76 Station 6419
6401 Dublin Boulevard
Dublin, California



FIGURE 4

PS=1:1 6419-U03 L:\Graphics\Projects\Number\20-xxxx\20-0400(Unocal\GMS)\x-6000\6419-16419-QMS.dwg Oct 13, 2006 - 11:25am Winters



DUBLIN BOULEVARD

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 ∅ Abandoned Monitoring Well
- 1,000- Dissolved-Phase MTBE Contour (µg/l)

**DISSOLVED-PHASE MTBE
CONCENTRATION MAP
January 9, 2006**

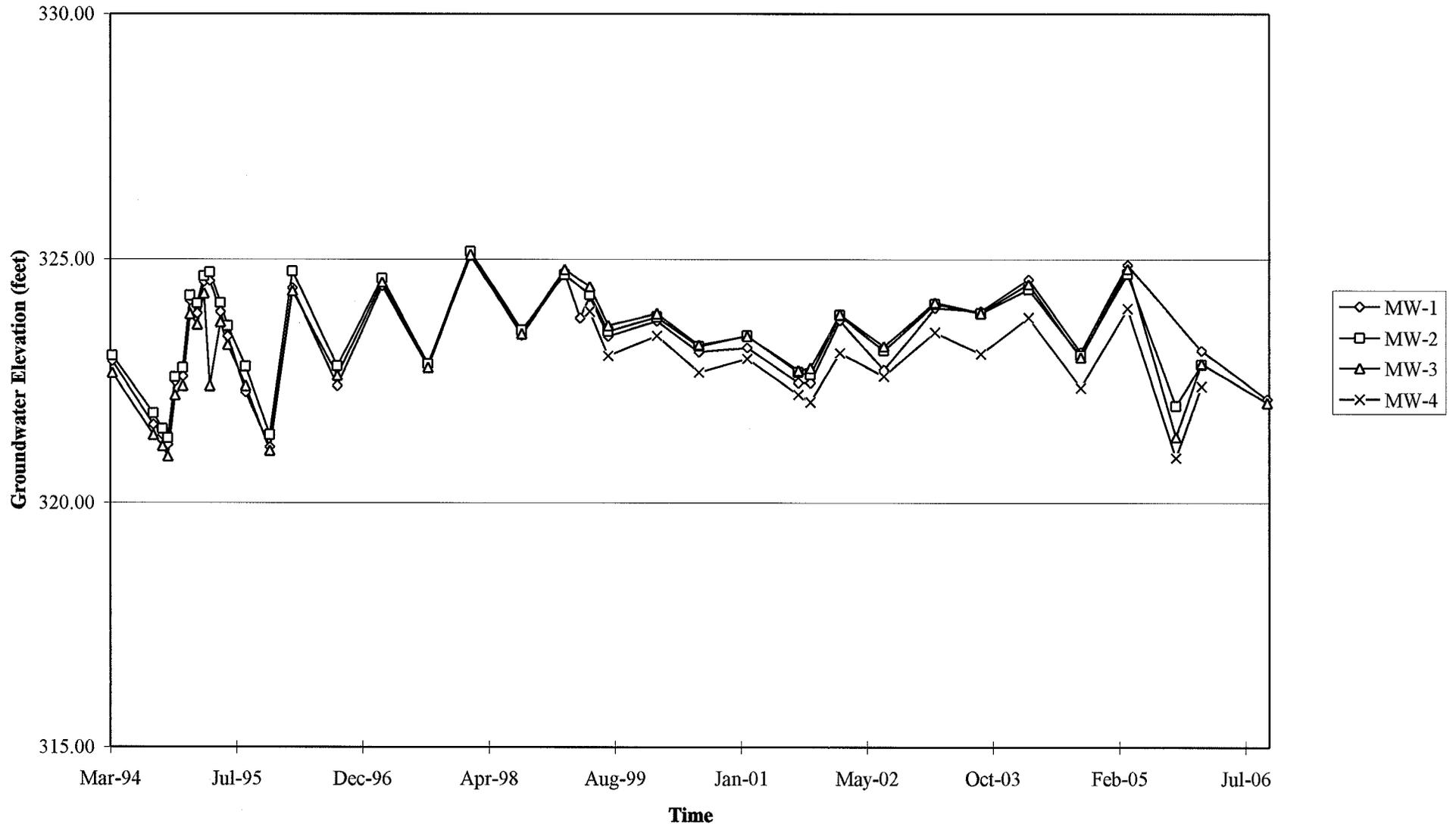
76 Station 6419
6401 Dublin Boulevard
Dublin, California



FIGURE 5

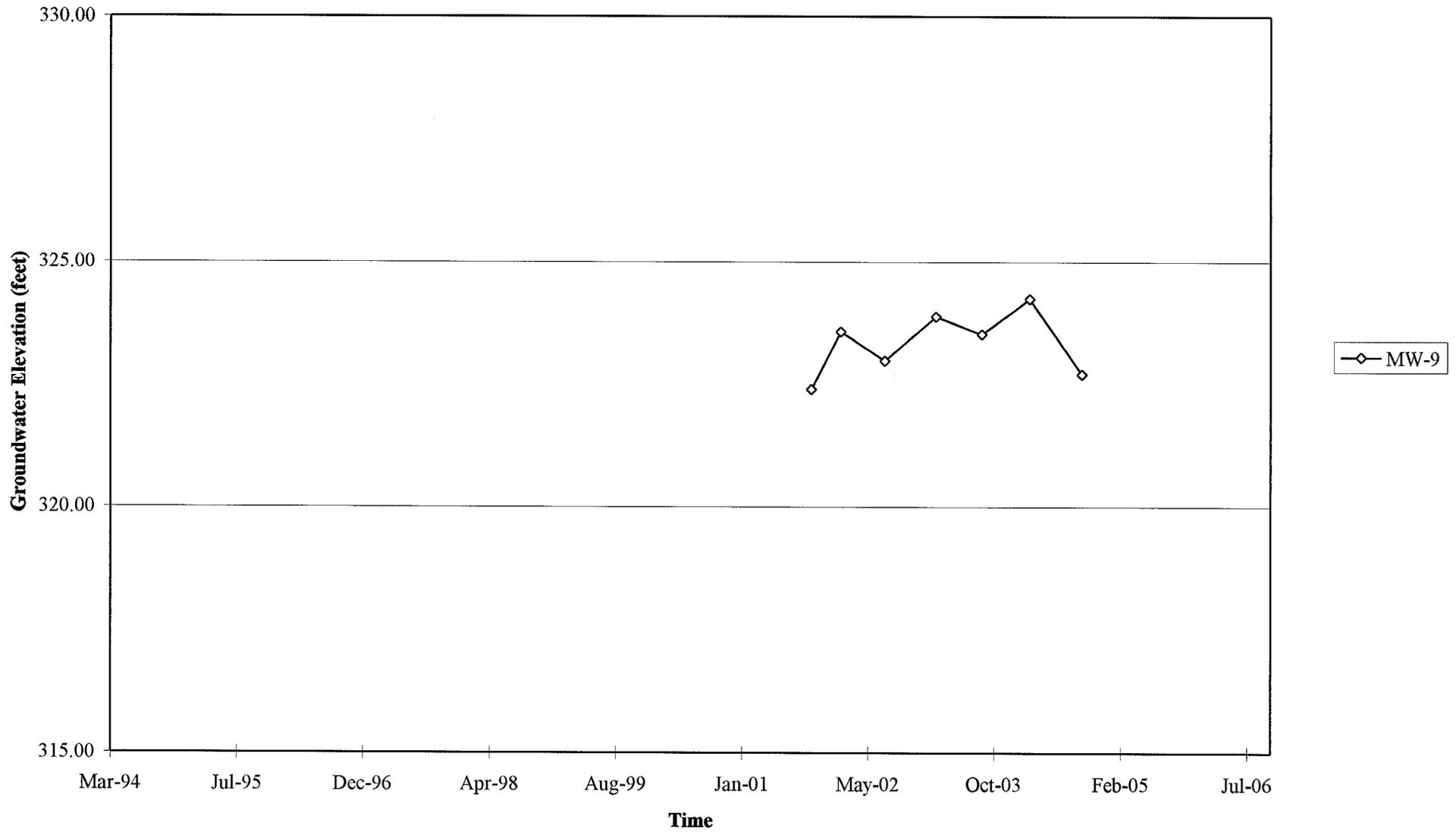
GRAPHS

Groundwater Elevations vs. Time
76 Station 6419



Elevations may have been corrected for apparent changes due to resurvey

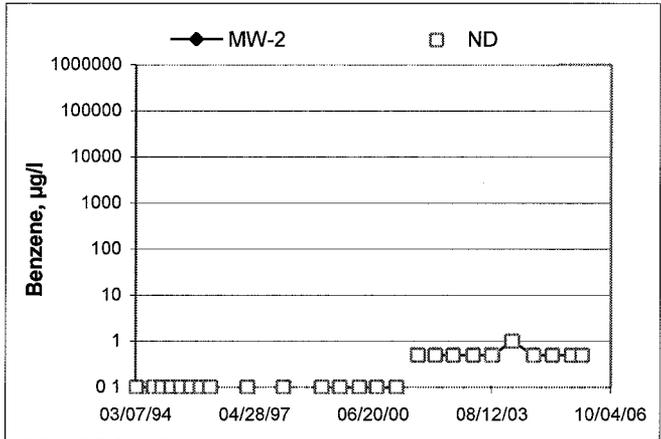
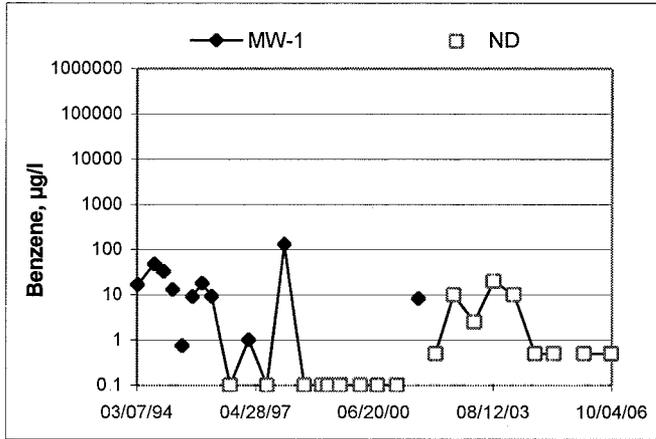
Groundwater Elevations vs. Time
76 Station 6419



Elevations may have been corrected for apparent changes due to resurvey

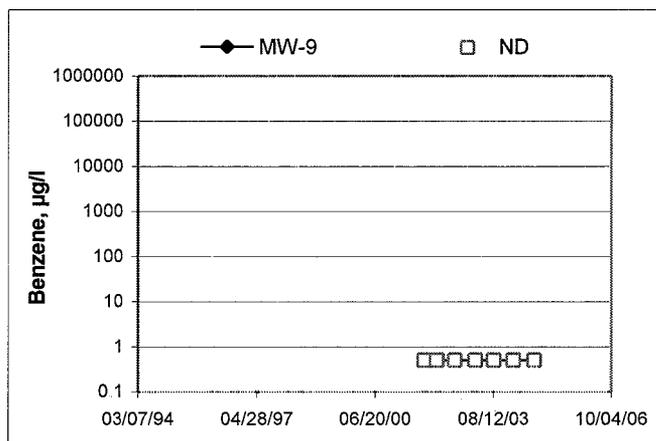
Benzene Concentrations vs Time

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.

GROUNDWATER SAMPLING FIELD NOTES

Technician: Chris

Site: 6419

Project No: 41060001

Date: 9-27-06

Well No. mw-1

Purge Method: _____

Depth to Water (feet): 8.05

Depth to Product (feet): 0

Total Depth (feet): 9.22

LPH & Water Recovered (gallons): 0

Water Column (feet): 1.17

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 8.28

1 Well Volume (gallons): 18

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
1116			.18	1966	23.7	6.82			
			.36	1744	24.0	7.05			
	1119		.54	1736	24.1	7.13			
Static at Time Sampled			Total Gallons Purged		Sample Time				
8.20			.54		1121				
Comments:									

Well No. mw-5

Purge Method: HB

Depth to Water (feet): 8.60

Depth to Product (feet): 0

Total Depth (feet): 19.20

LPH & Water Recovered (gallons): 0

Water Column (feet): 10.60

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 10.72

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
1130			2	2084	23.8	7.43			
			4	2354	23.1	7.27			
	1142		6	2457	23.0	7.22			
Static at Time Sampled			Total Gallons Purged		Sample Time				
8.54			6		1149				
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Chris

Site: 0419

Project No.: 41060001

Date: 9-27-06

Well No. mw-3

Purge Method: HB

Depth to Water (feet): 8.54

Depth to Product (feet): 0

Total Depth (feet): 18.41

LPH & Water Recovered (gallons): 0

Water Column (feet): 9.87

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 10.51

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
1206			2	2378	24.4	7.27			
			4	2333	24.1	7.14			
	1215		6	2349	23.7	7.15			
Static at Time Sampled			Total Gallons Purged			Sample Time			
9.02			6			1218			
Comments:									

Well No. _____

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth(feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
Static at Time Sampled			Total Gallons Purged			Sample Time			
Comments:									

Date of Report: 10/10/2006

Anju Farfan

TRC Alton Geoscience

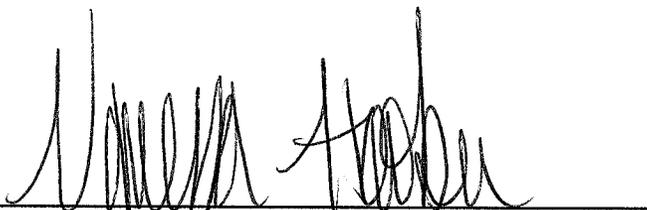
21 Technology Drive
Irvine, CA 92618-2302

RE: 6419

BC Lab Number: 0610050

Enclosed are the results of analyses for samples received by the laboratory on 09/27/06 21:05. 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: 10/10/06 08:26

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
0610050-01	COC Number: --- Project Number: 6419 Sampling Location: MW-1 Sampling Point: MW-1 Sampled By: Chris M. of TRCI	Receive Date: 09/27/06 21:05 Sampling Date: 09/27/06 11:21 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101443 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0610050-02	COC Number: --- Project Number: 6419 Sampling Location: MW-3 Sampling Point: MW-3 Sampled By: Chris M. of TRCI	Receive Date: 09/27/06 21:05 Sampling Date: 09/27/06 12:18 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101443 Matrix: W Sample QC Type (SACode): CS Cooler ID:
0610050-03	COC Number: --- Project Number: 6419 Sampling Location: MW-5 Sampling Point: MW-5 Sampled By: Chris M. of TRCI	Receive Date: 09/27/06 21:05 Sampling Date: 09/27/06 11:49 Sample Depth: --- Sample Matrix: Water	Delivery Work Order: Global ID: T0600101443 Matrix: W Sample QC Type (SACode): CS Cooler ID:

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

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

Reported: 10/10/06 08:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610050-01		Client Sample Name: 6419, MW-1, MW-1, 9/27/2006 11:21:00AM, Chris M.											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	10/04/06	10/05/06 07:50	DKC	MS-V12	1	BPJ0240	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/04/06	10/05/06 07:50	DKC	MS-V12	1	BPJ0240	ND	
Methyl t-butyl ether	1.4	ug/L	0.50		EPA-8260	10/04/06	10/05/06 07:50	DKC	MS-V12	1	BPJ0240	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/04/06	10/05/06 07:50	DKC	MS-V12	1	BPJ0240	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/04/06	10/05/06 07:50	DKC	MS-V12	1	BPJ0240	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/04/06	10/05/06 07:50	DKC	MS-V12	1	BPJ0240	ND	V11
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/04/06	10/05/06 07:50	DKC	MS-V12	1	BPJ0240	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.5	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 07:50	DKC	MS-V12	1	BPJ0240		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 07:50	DKC	MS-V12	1	BPJ0240		
4-Bromofluorobenzene (Surrogate)	95.5	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 07:50	DKC	MS-V12	1	BPJ0240		

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

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

Reported: 10/10/06 08:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610050-02		Client Sample Name: 6419, MW-3, MW-3, 9/27/2006 12:18:00PM, Chris M.											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	5.0		EPA-8260	10/04/06	10/05/06 17:48	DKC	MS-V12	10	BPJ0187	ND	A01
Ethylbenzene	ND	ug/L	5.0		EPA-8260	10/04/06	10/05/06 17:48	DKC	MS-V12	10	BPJ0187	ND	A01
Methyl t-butyl ether	1500	ug/L	12		EPA-8260	10/04/06	10/06/06 09:42	DKC	MS-V12	25	BPJ0187	ND	A01
Toluene	ND	ug/L	5.0		EPA-8260	10/04/06	10/05/06 17:48	DKC	MS-V12	10	BPJ0187	ND	A01
Total Xylenes	ND	ug/L	5.0		EPA-8260	10/04/06	10/05/06 17:48	DKC	MS-V12	10	BPJ0187	ND	A01
Ethanol	ND	ug/L	2500		EPA-8260	10/04/06	10/05/06 17:48	DKC	MS-V12	10	BPJ0187	ND	A01, V11
Total Purgeable Petroleum Hydrocarbons	780	ug/L	500		EPA-8260	10/04/06	10/05/06 17:48	DKC	MS-V12	10	BPJ0187	ND	A01, A53
1,2-Dichloroethane-d4 (Surrogate)	93.2	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 17:48	DKC	MS-V12	10	BPJ0187		
1,2-Dichloroethane-d4 (Surrogate)	93.9	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/06	10/06/06 09:42	DKC	MS-V12	25	BPJ0187		
Toluene-d8 (Surrogate)	99.3	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/06	10/06/06 09:42	DKC	MS-V12	25	BPJ0187		
Toluene-d8 (Surrogate)	99.0	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 17:48	DKC	MS-V12	10	BPJ0187		
4-Bromofluorobenzene (Surrogate)	97.3	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 17:48	DKC	MS-V12	10	BPJ0187		
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/06	10/06/06 09:42	DKC	MS-V12	25	BPJ0187		

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

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

Reported: 10/10/06 08:26

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0610050-03		Client Sample Name: 6419, MW-5, MW-5, 9/27/2006 11:49:00AM, Chris M.											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru- ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	10/04/06	10/05/06 08:15	DKC	MS-V12	1	BPJ0240	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/04/06	10/05/06 08:15	DKC	MS-V12	1	BPJ0240	ND	
Methyl t-butyl ether	860	ug/L	5.0		EPA-8260	10/04/06	10/05/06 17:22	DKC	MS-V12	10	BPJ0240	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	10/04/06	10/05/06 08:15	DKC	MS-V12	1	BPJ0240	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/04/06	10/05/06 08:15	DKC	MS-V12	1	BPJ0240	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/04/06	10/05/06 08:15	DKC	MS-V12	1	BPJ0240	ND	V11
Total Purgeable Petroleum Hydrocarbons	300	ug/L	50		EPA-8260	10/04/06	10/05/06 08:15	DKC	MS-V12	1	BPJ0240	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	94.3	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 08:15	DKC	MS-V12	1	BPJ0240		
1,2-Dichloroethane-d4 (Surrogate)	97.1	%	76 - 114 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 17:22	DKC	MS-V12	10	BPJ0240		
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 17:22	DKC	MS-V12	10	BPJ0240		
Toluene-d8 (Surrogate)	99.3	%	88 - 110 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 08:15	DKC	MS-V12	1	BPJ0240		
4-Bromofluorobenzene (Surrogate)	99.3	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 17:22	DKC	MS-V12	10	BPJ0240		
4-Bromofluorobenzene (Surrogate)	97.0	%	86 - 115 (LCL - UCL)		EPA-8260	10/04/06	10/05/06 08:15	DKC	MS-V12	1	BPJ0240		

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

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

Reported: 10/10/06 08:26

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	Percent Recovery Lab Quals
Benzene	BPJ0187	Matrix Spike	0609903-08	ND	29.700	25.000	ug/L		119		70 - 130
		Matrix Spike Duplicate	0609903-08	ND	29.600	25.000	ug/L	0.844	118	20	70 - 130
Toluene	BPJ0187	Matrix Spike	0609903-08	ND	26.520	25.000	ug/L		106		70 - 130
		Matrix Spike Duplicate	0609903-08	ND	26.750	25.000	ug/L	0.939	107	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BPJ0187	Matrix Spike	0609903-08	ND	9.5300	10.000	ug/L		95.3		76 - 114
		Matrix Spike Duplicate	0609903-08	ND	9.5100	10.000	ug/L		95.1		76 - 114
Toluene-d8 (Surrogate)	BPJ0187	Matrix Spike	0609903-08	ND	9.9200	10.000	ug/L		99.2		88 - 110
		Matrix Spike Duplicate	0609903-08	ND	10.040	10.000	ug/L		100		88 - 110
4-Bromofluorobenzene (Surrogate)	BPJ0187	Matrix Spike	0609903-08	ND	9.9800	10.000	ug/L		99.8		86 - 115
		Matrix Spike Duplicate	0609903-08	ND	9.9400	10.000	ug/L		99.4		86 - 115
Benzene	BPJ0240	Matrix Spike	0610100-06	ND	26.700	25.000	ug/L		107		70 - 130
		Matrix Spike Duplicate	0610100-06	ND	26.010	25.000	ug/L	2.84	104	20	70 - 130
Toluene	BPJ0240	Matrix Spike	0610100-06	ND	23.790	25.000	ug/L		95.2		70 - 130
		Matrix Spike Duplicate	0610100-06	ND	23.520	25.000	ug/L	1.16	94.1	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BPJ0240	Matrix Spike	0610100-06	ND	9.7900	10.000	ug/L		97.9		76 - 114
		Matrix Spike Duplicate	0610100-06	ND	9.8600	10.000	ug/L		98.6		76 - 114
Toluene-d8 (Surrogate)	BPJ0240	Matrix Spike	0610100-06	ND	10.040	10.000	ug/L		100		88 - 110
		Matrix Spike Duplicate	0610100-06	ND	10.100	10.000	ug/L		101		88 - 110
4-Bromofluorobenzene (Surrogate)	BPJ0240	Matrix Spike	0610100-06	ND	10.050	10.000	ug/L		100		86 - 115
		Matrix Spike Duplicate	0610100-06	ND	10.200	10.000	ug/L		102		86 - 115

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

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

Reported: 10/10/06 08:26

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	Control Limits		Lab Quals
								Percent Recovery	RPD	
Benzene	BPJ0187	BPJ0187-BS1	LCS	30.130	25.000	0.50	ug/L	121		70 - 130
Toluene	BPJ0187	BPJ0187-BS1	LCS	27.780	25.000	0.50	ug/L	111		70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BPJ0187	BPJ0187-BS1	LCS	9.3400	10.000		ug/L	93.4		76 - 114
Toluene-d8 (Surrogate)	BPJ0187	BPJ0187-BS1	LCS	10.060	10.000		ug/L	101		88 - 110
4-Bromofluorobenzene (Surrogate)	BPJ0187	BPJ0187-BS1	LCS	9.6400	10.000		ug/L	96.4		86 - 115
Benzene	BPJ0240	BPJ0240-BS1	LCS	31.250	25.000	0.50	ug/L	125		70 - 130
Toluene	BPJ0240	BPJ0240-BS1	LCS	27.530	25.000	0.50	ug/L	110		70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BPJ0240	BPJ0240-BS1	LCS	10.150	10.000		ug/L	102		76 - 114
Toluene-d8 (Surrogate)	BPJ0240	BPJ0240-BS1	LCS	9.8700	10.000		ug/L	98.7		88 - 110
4-Bromofluorobenzene (Surrogate)	BPJ0240	BPJ0240-BS1	LCS	9.9400	10.000		ug/L	99.4		86 - 115

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

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

Reported: 10/10/06 08:26

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	BPJ0187	BPJ0187-BLK1	ND	ug/L	0.50	0.13	
Ethylbenzene	BPJ0187	BPJ0187-BLK1	ND	ug/L	0.50	0.14	
Methyl t-butyl ether	BPJ0187	BPJ0187-BLK1	ND	ug/L	0.50	0.15	
Toluene	BPJ0187	BPJ0187-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BPJ0187	BPJ0187-BLK1	ND	ug/L	1.0	0.40	
Ethanol	BPJ0187	BPJ0187-BLK1	ND	ug/L	1000	110	
Total Purgeable Petroleum Hydrocarbons	BPJ0187	BPJ0187-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BPJ0187	BPJ0187-BLK1	99.6	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPJ0187	BPJ0187-BLK1	98.0	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPJ0187	BPJ0187-BLK1	101	%	86 - 115 (LCL - UCL)		
Benzene	BPJ0240	BPJ0240-BLK1	ND	ug/L	0.50	0.14	
Ethylbenzene	BPJ0240	BPJ0240-BLK1	ND	ug/L	0.50	0.094	
Methyl t-butyl ether	BPJ0240	BPJ0240-BLK1	ND	ug/L	0.50	0.13	
Toluene	BPJ0240	BPJ0240-BLK1	ND	ug/L	0.50	0.12	
Total Xylenes	BPJ0240	BPJ0240-BLK1	ND	ug/L	0.50	0.31	
Ethanol	BPJ0240	BPJ0240-BLK1	ND	ug/L	250	85	
Total Purgeable Petroleum Hydrocarbons	BPJ0240	BPJ0240-BLK1	ND	ug/L	50	16	
1,2-Dichloroethane-d4 (Surrogate)	BPJ0240	BPJ0240-BLK1	94.0	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPJ0240	BPJ0240-BLK1	98.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPJ0240	BPJ0240-BLK1	97.4	%	86 - 115 (LCL - UCL)		

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

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

Reported: 10/10/06 08:26

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

Submission #: 06-10050

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 Containers None Comments: _____
Intact? Yes No Intact? Yes No

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

COC Received
 YES NO

Ice Chest ID B10
Temperature: 5.6°C
Thermometer ID: #40

Emissivity 0.95
Container Yes

Date/Time 9/27/06
Analyst Init OJD

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										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	<u>A3</u>	<u>A3</u>	<u>A3</u>							
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: OJD Date/Time: 9/27/06 2330

CHK BY	DISTRIBUTION
<i>BMC</i>	<i>Jed</i>
	SUB OUT <input type="checkbox"/>

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

06-10050

Circle one: Phillips 66 / Unocal		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE BY 8260B	ETHANOL by 8260B	TPH-g by GC/MS	EDB/EDC by 8260B	Turnaround Time Requested
Address: .6401 Dublin Blvd.		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan											
City: Dublin		4-digit site#: 6419											
		Work Order# 2527TRC502											
State: CA	Zip:	Project #: 41060001/FA20											
COP Manager: Thomas Kosel		Sampler Name: <i>Chris</i>											
Lab#	Sample Description	Field Point Name	Date & Time Sampled										
	<i>-1</i>	MW-1	<i>09-27-06/1121</i>	GW					X	X	X		STD
	<i>-2</i>	MW-3	<i>128</i>	GW					X	X	X		STD
	<i>-3</i>	MW-5	<i>1149</i>	GW					X	X	X		STD

Comments: Run 8 OXYs by 8260 on 8260 MTBE hit on MW-1 only. Global ID: T0600101443	Relinquished by: <i>Chris Miller</i>	Received by: Refrigerator	Date & Time: <i>09-27-06/1305</i>
	Relinquished by (Signature): <i>Joe D. Lewis</i>	Received by: <i>Ross Sicken</i>	Date & Time: <i>9/27/06 1400</i>
	Relinquished by (Signature): <i>Ross Sicken 9/27/06</i>	Received by: <i>Macato</i>	Date & Time: <i>9/27/06 1755</i>

(A) = ANALYSIS

(C) = CONTAINER

(P) = PRESERVATIVE

Rel. Macato 9/27/06 2105 *Terri Obateri 9/27/06 2105*

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.