TRC

Customer-Focused Solutions

January 23, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 5830
2799 YULUPA AVENUE
SANTA ROSA, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
JULY THROUGH DECEMBER 2005

Dear Mr. Kosel:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 5830, located at 2799 Yulupa Avenue, Santa Rosa, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Mr. Jan Wagoner, Delta Environmental, Inc. (3 copies)

Enclosures
20-0400/5830R05.QMS

21 Technology Drive • Irvine, California 92618
Telephone 949-727-9336 • Fax 949-727-7399

TRC

Customer-Focused Solutions

SEMI-ANNUAL MONITORING REPORT
JULY THROUGH DECEMBER 2005

76 STATION 5830
2799 Yulupa Avenue
Santa Rosa, California

Prepared For:

Mr. Thomas H. Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:

CERTIFIED ENGINEERING GEOLOGIST
DENNIS E. JENSEN
No. EG 1034
Exp. 4/07
STATE OF CALIFORNIA

Senior Project Geologist, Irvine Operations
January 23, 2006

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Statement	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
July 2005 through December 2005
76 Station 5830
2799 Yulupa Avenue
Santa Rosa, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **12/16/05**

Sample Points

Groundwater wells: **6** onsite, **5** offsite
Wells gauged: **11** Wells sampled: **11**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **6.8 feet** Maximum: **10.51 feet**
Average groundwater elevation (relative to available local datum): **233.12 feet**
Average change in groundwater elevation since previous event: **-0.57 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.01 ft/ft, north**
Previous event: **0.01 ft/ft, north (06/07/05)**

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** **0**
Wells with **MTBE** **6** Maximum: **30 µg/l (MW-7)**

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 5830 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

December 16, 2005

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
12/16/05	243.56	9.50	0.00	234.06	-0.29	--	ND<50	ND<0.50	0.50	ND<0.50	1.0	--	0.54	
MW-2														
12/16/05	242.00	7.52	0.00	234.48	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.1	
MW-3														
12/16/05	242.46	7.99	0.00	234.47	-0.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-4														
12/16/05	243.23	10.51	0.00	232.72	-0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.51	
MW-5														
12/16/05	243.62	10.45	0.00	233.17	-0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-6														
12/16/05	242.72	10.26	0.00	232.46	-0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
MW-7														
12/16/05	241.57	8.78	0.00	232.79	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	30	
MW-8														
12/16/05	241.27	6.80	0.00	234.47	-0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9														
12/16/05	240.92	9.54	0.00	231.38	-0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10														
12/16/05	240.87	10.28	0.00	230.59	-0.70	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-11														
12/16/05	241.13	7.40	0.00	233.73	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.8	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
06/15/88	--	--	--	--	--	570	--	0.5	ND	36	100	--	--	
10/07/88	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
12/20/88	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
03/21/89	--	--	0.00	--	--	270	--	ND	ND	ND	37	--	--	
06/16/89	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/89	--	--	0.00	--	--	540	--	ND	ND	18	47	--	--	
12/13/89	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
03/14/90	--	--	0.00	--	--	280	--	1.2	2.3	12	23	--	--	
06/12/90	--	--	0.00	--	--	52	--	ND	ND	2.2	4.1	--	--	
09/26/90	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
01/19/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	0.00	--	--	220	--	1.3	ND	9.7	18	--	--	
07/03/91	--	--	0.00	--	--	180	--	ND	ND	4.2	11	--	--	
10/09/91	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	0.00	--	--	140	--	0.41	ND	7.5	18	--	--	
08/13/92	--	--	0.00	--	--	ND	--	ND	ND	1.4	2.3	--	--	
02/25/93	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	244.14	9.15	0.00	234.99	--	--	--	--	--	--	--	--	--	
08/25/93	244.14	9.89	0.00	234.25	-0.74	120	--	ND	ND	3.3	4.6	--	--	
11/07/93	243.48	9.57	0.00	233.91	-0.34	--	--	--	--	--	--	--	--	
02/23/94	243.48	7.59	0.00	235.89	1.98	ND	--	ND	ND	1.3	1.7	--	--	
05/25/94	243.48	8.77	0.00	234.71	-1.18	--	--	--	--	--	--	--	--	
08/22/94	243.48	9.75	0.00	233.73	-0.98	70	--	ND	ND	1.8	2	--	--	
11/22/94	243.48	8.77	0.00	234.71	0.98	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
02/24/95	243.48	6.98	0.00	236.50	1.79	120	--	0.5	ND	2.8	29	--	--	
05/22/95	243.48	7.55	0.00	235.93	-0.57	--	--	--	--	--	--	--	--	
08/28/95	243.48	8.46	0.00	235.02	-0.91	ND	--	ND	1.3	ND	1.5	--	--	
11/09/95	243.48	9.60	0.00	233.88	-1.14	--	--	--	--	--	--	--	--	
02/08/96	243.48	6.38	0.00	237.10	3.22	140	--	0.63	ND	3.8	4.2	--	--	
05/17/96	243.48	7.65	0.00	235.83	-1.27	--	--	--	--	--	--	--	--	
08/29/96	243.48	9.27	0.00	234.21	-1.62	ND	--	ND	ND	ND	ND	--	--	
11/27/96	243.48	8.81	0.00	234.67	0.46	--	--	--	--	--	--	--	--	
02/28/97	243.48	8.01	0.00	235.47	0.80	ND	--	ND	ND	0.68	0.55	ND	--	
06/24/97	243.48	9.08	0.00	234.40	-1.07	--	--	--	--	--	--	--	--	
08/20/97	243.48	9.70	0.00	233.78	-0.62	ND	--	ND	ND	ND	ND	--	--	
11/21/97	243.48	8.44	0.00	235.04	1.26	--	--	--	--	--	--	--	--	
02/07/98	243.48	6.61	0.00	236.87	1.83	ND	--	ND	ND	ND	ND	--	--	
05/04/98	243.48	6.92	0.00	236.56	-0.31	--	--	--	--	--	--	--	--	
07/27/98	243.48	8.24	0.00	235.24	-1.32	ND	--	ND	ND	ND	ND	--	--	
11/02/98	243.48	9.35	0.00	234.13	-1.11	--	--	--	--	--	--	--	--	
02/13/99	243.48	6.93	0.00	236.55	2.42	ND	--	ND	ND	ND	ND	--	--	
05/04/99	243.48	7.81	0.00	235.67	-0.88	--	--	--	--	--	--	--	--	
08/06/99	243.48	8.97	0.00	234.51	-1.16	ND	--	ND	ND	ND	ND	--	--	
11/19/99	243.48	9.56	0.00	233.92	-0.59	--	--	--	--	--	--	--	--	
02/12/00	243.48	6.89	0.00	236.59	2.67	ND	--	ND	ND	ND	ND	--	--	
05/06/00	243.48	8.86	0.00	234.62	-1.97	--	--	--	--	--	--	--	--	
08/04/00	243.48	9.26	0.00	234.22	-0.40	ND	--	ND	ND	ND	ND	--	--	
11/14/00	243.48	9.66	0.00	233.82	-0.40	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
02/16/01	243.48	8.92	0.00	234.56	0.74	ND	--	ND	ND	ND	ND	ND	ND	
05/04/01	243.48	9.35	0.00	234.13	-0.43	--	--	--	--	--	--	--	--	
08/01/01	243.48	10.42	0.00	233.06	-1.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/10/01	243.48	10.82	0.00	232.66	-0.40	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	243.48	8.35	0.00	235.13	2.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/02/02	243.48	9.18	0.00	234.30	-0.83	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	243.56	9.76	0.00	233.80	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/20/02	243.56	9.63	0.00	233.93	0.13	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	243.56	8.87	0.00	234.69	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/29/03	243.56	9.03	0.00	234.53	-0.16	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	243.56	9.84	0.00	233.72	-0.81	81	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	243.56	10.63	0.00	232.93	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	243.56	9.35	0.00	234.21	1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/12/04	243.56	9.30	0.00	234.26	0.05	--	--	--	--	--	--	--	--	Sampled Semi Annually
06/07/05	243.56	9.21	0.00	234.35	0.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/16/05	243.56	9.50	0.00	234.06	-0.29	--	ND<50	ND<0.50	0.50	ND<0.50	1.0	--	0.54	
MW-2														
06/15/88	--	--	--	--	--	470	--	4.2	4	2.4	3.8	--	--	
10/07/88	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/20/88	--	--	--	--	--	200	--	1.2	ND	ND	ND	--	--	
03/21/89	--	--	--	--	--	380	--	ND	1	ND	ND	--	--	
06/16/89	--	--	--	--	--	150	--	1.2	ND	0.94	ND	--	--	
09/26/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/13/89	--	--	--	--	--	100	--	0.93	ND	0.84	1.6	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
03/14/90	--	--	--	--	--	210	--	47	4.7	0.96	2.7	--	--	
06/12/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	160	--	0.37	ND	0.36	0.85	--	--	
07/03/91	--	--	--	--	--	78	--	ND	ND	2.4	9.5	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	87	--	2.2	ND	0.72	2.2	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	9300	--	ND	ND	ND	ND	--	--	
03/26/93	--	--	--	--	--	8400	--	ND	ND	ND	ND	13000	--	
05/25/93	242.49	7.70	0.00	234.79	--	3600	--	ND	ND	ND	ND	7800	--	
08/25/93	242.49	8.18	0.00	234.31	-0.48	1600	--	ND	ND	ND	ND	--	--	
11/07/93	241.95	7.79	0.00	234.16	-0.15	1700	--	ND	ND	ND	ND	--	--	
02/23/94	241.95	6.10	0.00	235.85	1.69	900	--	ND	ND	ND	ND	--	--	
05/25/94	241.95	7.07	0.00	234.88	-0.97	ND	--	ND	ND	ND	ND	--	--	
08/22/94	241.95	8.04	0.00	233.91	-0.97	820	--	ND	ND	ND	ND	--	--	
11/22/94	241.95	7.08	0.00	234.87	0.96	1600	--	ND	ND	56	83	--	--	
02/24/95	241.95	5.53	0.00	236.42	1.55	1000	--	ND	ND	ND	2.5	--	--	
05/22/95	241.95	6.00	0.00	235.95	-0.47	560	--	ND	ND	ND	3.7	--	--	
08/28/95	241.95	7.14	0.00	234.81	-1.14	ND	--	0.79	1.2	ND	1.7	--	--	
11/09/95	241.95	8.03	0.00	233.92	-0.89	ND	--	ND	ND	ND	ND	2100	--	
02/08/96	241.95	5.02	0.00	236.93	3.01	ND	--	0.51	0.94	ND	1.2	--	--	
05/17/96	241.95	6.01	0.00	235.94	-0.99	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through December 2005

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
08/29/96	241.95	7.64	0.00	234.31	-1.63	ND	--	ND	2.9	ND	ND	--	--	
11/27/96	241.95	7.27	0.00	234.68	0.37	ND	--	ND	ND	ND	ND	3800	--	
02/28/97	241.95	6.34	0.00	235.61	0.93	ND	--	ND	ND	ND	ND	14000	--	
06/24/97	241.95	7.46	0.00	234.49	-1.12	ND	--	ND	ND	ND	ND	ND	--	
08/20/97	241.95	7.75	0.00	234.20	-0.29	ND	--	ND	ND	ND	ND	750	--	
11/21/97	241.95	7.15	0.00	234.80	0.60	ND	--	ND	ND	ND	ND	570	--	
02/07/98	241.95	5.48	0.00	236.47	1.67	ND	--	ND	ND	ND	ND	1500	--	
05/04/98	241.95	5.50	0.00	236.45	-0.02	ND	--	ND	ND	ND	ND	ND<1100	--	
07/27/98	241.95	6.72	0.00	235.23	-1.22	ND	--	ND	ND	ND	ND	740	1200	
11/02/98	241.95	7.75	0.00	234.20	-1.03	ND	--	ND	ND	ND	ND	207	220	
02/13/99	241.95	5.45	0.00	236.50	2.30	130	--	16	16	3.8	27	940	780	
05/04/99	241.95	6.20	0.00	235.75	-0.75	480	--	78	17	36	77	2000	2500	
08/06/99	241.95	7.31	0.00	234.64	-1.11	230	--	11	ND	31	ND	430	250	
11/19/99	241.95	7.75	0.00	234.20	-0.44	ND	--	1	ND	ND	0.77	420	390	
02/12/00	241.95	5.35	0.00	236.60	2.40	ND	--	1	ND	ND	ND	140	170	
05/06/00	241.95	6.40	0.00	235.55	-1.05	ND	--	2.6	ND	ND	ND	100	92	
08/04/00	241.95	7.71	0.00	234.24	-1.31	ND	--	ND	ND	ND	ND	240	210	
11/14/00	241.95	8.11	0.00	233.84	-0.40	ND	--	ND	ND	ND	ND	47	43	
02/16/01	241.95	7.09	0.00	234.86	1.02	ND	--	ND	ND	ND	ND	145	260	
05/04/01	241.95	7.51	0.00	234.44	-0.42	ND	--	ND	ND	ND	ND	76.7	73	
08/01/01	241.95	8.87	0.00	233.08	-1.36	ND<100	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	600	780	
11/10/01	241.95	9.25	0.00	232.70	-0.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	720	740	
02/01/02	241.95	6.64	0.00	235.31	2.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	23	25	
05/02/02	241.95	7.34	0.00	234.61	-0.70	ND<50	--	ND<0.50	0.75	ND<0.50	0.96	55	70	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
07/23/02	242.00	8.00	0.00	234.00	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	15	
11/20/02	242.00	8.19	0.00	233.81	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	24	28	
02/27/03	242.00	6.68	0.00	235.32	1.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	18	
05/29/03	242.00	6.85	0.00	235.15	-0.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2	3.1	
08/08/03	242.00	7.97	0.00	234.03	-1.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.8	
11/07/03	242.00	8.85	0.00	233.15	-0.88	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	78	
05/12/04	242.00	7.41	0.00	234.59	1.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
11/12/04	242.00	8.20	0.00	233.80	-0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
06/07/05	242.00	6.91	0.00	235.09	1.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
12/16/05	242.00	7.52	0.00	234.48	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.1	
MW-3														
10/07/88	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/20/88	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/21/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/16/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/89	--	--	--	--	--	190	--	ND	ND	ND	0.4	--	--	
12/13/89	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/14/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/12/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	0.39	0.38	ND	0.59	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/02/92	242.40	8.07	0.00	234.33	--	--	--	--	--	--	--	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	243.02	8.15	0.00	234.87	--	--	--	--	--	--	--	--	--	
08/25/93	243.02	8.55	0.00	234.47	-0.40	ND	--	ND	ND	ND	ND	--	--	
11/07/93	242.40	8.27	0.00	234.13	-0.34	--	--	--	--	--	--	--	--	
02/23/94	242.40	6.58	0.00	235.82	1.69	ND	--	ND	ND	ND	ND	--	--	
05/25/94	242.40	7.51	0.00	234.89	-0.93	--	--	--	--	--	--	--	--	
08/22/94	242.40	8.52	0.00	233.88	-1.01	ND	--	ND	ND	ND	ND	--	--	
11/22/94	242.40	7.96	0.00	234.44	0.56	--	--	--	--	--	--	--	--	
02/24/95	242.40	6.21	0.00	236.19	1.75	70	--	0.53	ND	1.7	2.4	--	--	
05/22/95	242.40	6.35	0.00	236.05	-0.14	--	--	--	--	--	--	--	--	
08/28/95	242.40	7.43	0.00	234.97	-1.08	ND	--	ND	0.84	ND	1.2	--	--	
11/09/95	242.40	8.33	0.00	234.07	-0.90	--	--	--	--	--	--	--	--	
02/08/96	242.40	5.58	0.00	236.82	2.75	ND	--	ND	ND	ND	ND	--	--	
05/17/96	242.40	6.43	0.00	235.97	-0.85	--	--	--	--	--	--	--	--	
08/29/96	242.40	8.07	0.00	234.33	-1.64	ND	--	ND	6.8	ND	ND	--	--	
11/27/96	242.40	7.65	0.00	234.75	0.42	--	--	--	--	--	--	--	--	
02/28/97	242.40	6.78	0.00	235.62	0.87	ND	--	ND	ND	ND	ND	ND	--	
06/24/97	242.40	8.05	0.00	234.35	-1.27	--	--	--	--	--	--	--	--	
08/20/97	242.40	8.48	0.00	233.92	-0.43	ND	--	ND	ND	ND	ND	--	--	
11/21/97	242.40	7.85	0.00	234.55	0.63	--	--	--	--	--	--	--	--	
02/07/98	242.40	6.27	0.00	236.13	1.58	ND	--	ND	0.69	ND	0.61	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
05/04/98	242.40	6.47	0.00	235.93	-0.20	--	--	--	--	--	--	--	--	
07/27/98	242.40	6.92	0.00	235.48	-0.45	ND	--	ND	ND	ND	ND	--	--	
02/13/99	242.40	5.71	0.00	236.69	1.21	ND	--	ND	ND	ND	ND	--	--	
05/04/99	242.40	6.55	0.00	235.85	-0.84	--	--	--	--	--	--	--	--	
08/06/99	242.40	7.53	0.00	234.87	-0.98	ND	--	ND	ND	ND	ND	--	--	
11/19/99	242.40	8.38	0.00	234.02	-0.85	--	--	--	--	--	--	--	--	
02/12/00	242.40	5.71	0.00	236.69	2.67	ND	--	ND	ND	ND	ND	--	--	
05/06/00	242.40	6.65	0.00	235.75	-0.94	--	--	--	--	--	--	--	--	
08/04/00	242.40	7.87	0.00	234.53	-1.22	ND	--	ND	ND	ND	ND	--	--	
11/14/00	242.40	8.26	0.00	234.14	-0.39	--	--	--	--	--	--	--	--	
02/16/01	242.40	7.51	0.00	234.89	0.75	ND	--	ND	ND	ND	ND	ND	ND	
05/04/01	242.40	8.00	0.00	234.40	-0.49	--	--	--	--	--	--	--	--	
08/01/01	242.40	8.88	0.00	233.52	-0.88	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/10/01	242.40	9.16	0.00	233.24	-0.28	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	242.40	7.16	0.00	235.24	2.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/02/02	242.40	7.77	0.00	234.63	-0.61	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	242.46	8.18	0.00	234.28	-0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/20/02	242.46	8.07	0.00	234.39	0.11	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	242.46	7.31	0.00	235.15	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/29/03	242.46	7.51	0.00	234.95	-0.20	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	242.46	8.25	0.00	234.21	-0.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	242.46	9.01	0.00	233.45	-0.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	242.46	8.75	0.00	233.71	0.26	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	242.46	--	--	--	--	--	--	--	--	--	--	--	--	car parked on well

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
06/30/05	242.46	7.78	0.00	234.68	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Gauged and sampled on 6-30-05
12/16/05	242.46	7.99	0.00	234.47	-0.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-4														
11/13/89	--	--	--	--	--	300	--	1.8	ND	2.4	8.8	--	--	
12/13/89	--	--	--	--	--	70	--	ND	ND	ND	ND	--	--	
03/14/90	--	--	--	--	--	360	--	ND	ND	15	8.6	--	--	
06/12/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/26/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	45	--	ND	ND	1.4	2.2	--	--	
07/03/91	--	--	--	--	--	130	--	0.47	ND	5.6	9.1	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	50	--	ND	ND	2.6	3.5	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	0.8	0.78	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	243.47	9.72	0.00	233.75	--	--	--	--	--	--	--	--	--	
08/25/93	243.47	10.61	0.00	232.86	-0.89	110	--	ND	ND	3.7	4.5	--	--	
11/07/93	243.12	10.56	0.00	232.56	-0.30	--	--	--	--	--	--	--	--	
02/23/94	243.12	8.50	0.00	234.62	2.06	96	--	ND	ND	3.8	6.9	--	--	
05/25/94	243.12	9.85	0.00	233.27	-1.35	--	--	--	--	--	--	--	--	
08/22/94	243.12	10.70	0.00	232.42	-0.85	ND	--	ND	ND	0.62	0.65	--	--	
11/22/94	243.12	9.63	0.00	233.49	1.07	--	--	--	--	--	--	--	--	
02/24/95	243.12	7.75	0.00	235.37	1.88	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
05/22/95	243.12	8.48	0.00	234.64	-0.73	--	--	--	--	--	--	--	--	
08/28/95	243.12	9.51	0.00	233.61	-1.03	ND	--	ND	1.4	0.9	1.9	--	--	
11/09/95	243.12	10.50	0.00	232.62	-0.99	--	--	--	--	--	--	--	--	
02/08/96	243.12	6.87	0.00	236.25	3.63	56	--	ND	ND	2.1	2.4	--	--	
05/17/96	243.12	7.82	0.00	235.30	-0.95	--	--	--	--	--	--	--	--	
08/29/96	243.12	10.22	0.00	232.90	-2.40	ND	--	ND	1.1	ND	ND	--	--	
11/27/96	243.12	9.85	0.00	233.27	0.37	--	--	--	--	--	--	--	--	
02/28/97	243.12	9.08	0.00	234.04	0.77	ND	--	ND	ND	0.87	ND	ND	--	
06/24/97	243.12	10.10	0.00	233.02	-1.02	--	--	--	--	--	--	--	--	
08/20/97	243.12	10.84	0.00	232.28	-0.74	ND	--	ND	ND	ND	ND	--	--	
11/21/97	243.12	9.45	0.00	233.67	1.39	--	--	--	--	--	--	--	--	
02/07/98	243.12	5.70	0.00	237.42	3.75	ND	--	ND	ND	ND	ND	--	--	
05/04/98	243.12	7.75	0.00	235.37	-2.05	--	--	--	--	--	--	--	--	
07/27/98	243.12	9.37	0.00	233.75	-1.62	ND	--	ND	ND	ND	ND	--	--	
11/02/98	243.12	10.53	0.00	232.59	-1.16	--	--	--	--	--	--	--	--	
02/13/99	243.12	7.54	0.00	235.58	2.99	55	--	0.95	ND	0.7	ND	--	--	
05/04/99	243.12	8.68	0.00	234.44	-1.14	--	--	--	--	--	--	--	--	
08/06/99	243.12	9.95	0.00	233.17	-1.27	ND	--	ND	ND	ND	ND	--	--	
11/19/99	243.12	10.37	0.00	232.75	-0.42	--	--	--	--	--	--	--	--	
02/12/00	243.12	7.48	0.00	235.64	2.89	66	--	ND	ND	ND	0.93	--	--	
05/06/00	243.12	8.78	0.00	234.34	-1.30	--	--	--	--	--	--	--	--	
08/04/00	243.12	10.17	0.00	232.95	-1.39	ND	--	ND	ND	ND	ND	--	--	
11/14/00	243.12	11.42	0.00	231.70	-1.25	--	--	--	--	--	--	--	--	
02/16/01	243.12	9.91	0.00	233.21	1.51	156	--	1	ND	0.787	ND	ND	ND	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
05/03/01	243.12	10.42	0.00	232.70	-0.51	--	--	--	--	--	--	--	--	
08/01/01	243.12	11.28	0.00	231.84	-0.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/10/01	243.12	11.60	0.00	231.52	-0.32	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	243.12	9.45	0.00	233.67	2.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/02/02	243.12	10.25	0.00	232.87	-0.80	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	243.23	10.92	0.00	232.31	-0.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/20/02	243.23	10.73	0.00	232.50	0.19	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	243.23	9.36	0.00	233.87	1.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/29/03	243.23	9.57	0.00	233.66	-0.21	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	243.23	11.09	0.00	232.14	-1.52	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	243.23	11.71	0.00	231.52	-0.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	243.23	10.70	0.00	232.53	1.01	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	243.23	11.17	0.00	232.06	-0.47	--	--	--	--	--	--	--	--	Sampled Semi-Annually
06/30/05	243.23	9.78	0.00	233.45	1.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Gauged and sampled on 6-30-05
12/16/05	243.23	10.51	0.00	232.72	-0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.51	
MW-5														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
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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 (µg/l)	TPPH 8260B (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														
05/25/93	243.77	9.41	0.00	234.36	--	--	--	--	--	--	--	--	--	
08/25/93	243.77	10.20	0.00	233.57	-0.79	ND	--	ND	ND	ND	ND	--	--	
11/07/93	243.47	10.23	0.00	233.24	-0.33	--	--	--	--	--	--	--	--	
02/23/94	243.47	8.10	0.00	235.37	2.13	ND	--	ND	ND	ND	ND	--	--	
05/25/94	243.47	9.45	0.00	234.02	-1.35	--	--	--	--	--	--	--	--	
08/22/94	243.47	10.36	0.00	233.11	-0.91	ND	--	ND	ND	ND	ND	--	--	
11/22/94	243.47	9.31	0.00	234.16	1.05	--	--	--	--	--	--	--	--	
02/24/95	243.47	7.41	0.00	236.06	1.90	ND	--	ND	ND	ND	ND	--	--	
05/22/95	243.47	8.12	0.00	235.35	-0.71	--	--	--	--	--	--	--	--	
08/28/95	243.47	9.18	0.00	234.29	-1.06	ND	--	ND	1.4	ND	1.5	--	--	
11/09/95	243.47	10.18	0.00	233.29	-1.00	--	--	--	--	--	--	--	--	
02/08/96	243.47	6.66	0.00	236.81	3.52	ND	--	ND	ND	ND	0.75	--	--	
05/17/96	243.47	7.35	0.00	236.12	-0.69	--	--	--	--	--	--	--	--	
08/29/96	243.47	9.98	0.00	233.49	-2.63	ND	--	ND	6.6	ND	ND	--	--	
11/27/96	243.47	9.51	0.00	233.96	0.47	--	--	--	--	--	--	--	--	
02/28/97	243.47	8.77	0.00	234.70	0.74	ND	--	ND	ND	ND	ND	ND	--	
06/24/97	243.47	9.80	0.00	233.67	-1.03	--	--	--	--	--	--	--	--	
08/20/97	243.47	10.50	0.00	232.97	-0.70	ND	--	ND	ND	ND	ND	--	--	
11/21/97	243.47	9.18	0.00	234.29	1.32	--	--	--	--	--	--	--	--	
02/07/98	243.47	5.65	0.00	237.82	3.53	ND	--	ND	0.54	ND	ND	--	--	
05/04/98	243.47	7.55	0.00	235.92	-1.90	--	--	--	--	--	--	--	--	
07/27/98	243.47	9.21	0.00	234.26	-1.66	ND	--	ND	ND	ND	ND	--	--	
11/02/98	243.47	10.31	0.00	233.16	-1.10	--	--	--	--	--	--	--	--	
02/13/99	243.47	7.39	0.00	236.08	2.92	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1988 Through December 2005

76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
05/04/99	243.47	8.52	0.00	234.95	-1.13	--	--	--	--	--	--	--	--	
08/06/99	243.47	9.86	0.00	233.61	-1.34	ND	--	ND	ND	ND	ND	--	--	
11/19/99	243.47	10.20	0.00	233.27	-0.34	--	--	--	--	--	--	--	--	
02/12/00	243.47	7.37	0.00	236.10	2.83	ND	--	ND	ND	ND	ND	--	--	
05/06/00	243.47	8.65	0.00	234.82	-1.28	--	--	--	--	--	--	--	--	
08/04/00	243.47	10.14	0.00	233.33	-1.49	ND	--	ND	ND	ND	ND	--	--	
11/14/00	243.47	11.26	0.00	232.21	-1.12	--	--	--	--	--	--	--	--	
02/16/01	243.47	9.84	0.00	233.63	1.42	ND	--	ND	ND	ND	ND	ND	ND	
05/03/01	243.47	10.39	0.00	233.08	-0.55	--	--	--	--	--	--	--	--	
08/01/01	243.47	11.31	0.00	232.16	-0.92	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/10/01	243.47	11.59	0.00	231.88	-0.28	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	243.47	9.50	0.00	233.97	2.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/02/02	243.47	10.25	0.00	233.22	-0.75	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	243.62	10.89	0.00	232.73	-0.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/20/02	243.62	10.74	0.00	232.88	0.15	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	243.62	9.34	0.00	234.28	1.40	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/29/03	243.62	9.54	0.00	234.08	-0.20	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	243.62	11.02	0.00	232.60	-1.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	243.62	11.62	0.00	232.00	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	243.62	10.62	0.00	233.00	1.00	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	243.62	11.04	0.00	232.58	-0.42	--	--	--	--	--	--	--	--	Sampled Semi-Annually
06/30/05	243.62	9.76	0.00	233.86	1.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Gauged and sampled on 6-30-05
12/16/05	243.62	10.45	0.00	233.17	-0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	0.37	0.61	ND	0.58	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	243.05	10.03	0.00	233.02	--	--	--	--	--	--	--	--	--	
08/25/93	243.05	10.67	0.00	232.38	-0.64	ND	--	ND	ND	ND	ND	--	--	
11/07/93	242.64	10.26	0.00	232.38	0.00	--	--	--	--	--	--	--	--	
02/23/94	242.64	8.73	0.00	233.91	1.53	ND	--	ND	ND	ND	ND	--	--	
05/25/94	242.64	9.83	0.00	232.81	-1.10	--	--	--	--	--	--	--	--	
08/22/94	242.64	10.50	0.00	232.14	-0.67	ND	--	ND	ND	ND	ND	--	--	
11/22/94	242.64	9.60	0.00	233.04	0.90	--	--	--	--	--	--	--	--	
02/24/95	242.64	8.07	0.00	234.57	1.53	ND	--	ND	ND	ND	ND	--	--	
05/22/95	242.64	8.77	0.00	233.87	-0.70	--	--	--	--	--	--	--	--	
08/28/95	242.64	9.64	0.00	233.00	-0.87	ND	--	ND	1.7	ND	1.6	--	--	
11/09/95	242.64	10.33	0.00	232.31	-0.69	--	--	--	--	--	--	--	--	
02/08/96	242.64	7.22	0.00	235.42	3.11	ND	--	ND	ND	ND	ND	--	--	
05/17/96	242.64	8.34	0.00	234.30	-1.12	--	--	--	--	--	--	--	--	
08/29/96	242.64	10.26	0.00	232.38	-1.92	ND	--	ND	6.1	ND	ND	--	--	
11/27/96	242.64	9.83	0.00	232.81	0.43	--	--	--	--	--	--	--	--	
02/28/97	242.64	9.35	0.00	233.29	0.48	ND	--	ND	0.94	ND	0.74	ND	--	
06/24/97	242.64	10.49	0.00	232.15	-1.14	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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														
08/20/97	242.64	10.49	0.00	232.15	0.00	ND	--	ND	ND	ND	ND	--	--	
11/21/97	242.64	9.56	0.00	233.08	0.93	--	--	--	--	--	--	--	--	
02/07/98	242.64	6.28	0.00	236.36	3.28	ND	--	ND	0.57	ND	ND	--	--	
05/04/98	242.64	8.18	0.00	234.46	-1.90	--	--	--	--	--	--	--	--	
07/27/98	242.64	9.64	0.00	233.00	-1.46	ND	--	ND	ND	ND	ND	--	ND	
11/02/98	242.64	10.40	0.00	232.24	-0.76	--	--	--	--	--	--	--	--	
02/13/99	242.64	7.88	0.00	234.76	2.52	ND	--	ND	ND	ND	ND	--	ND	
05/04/99	242.64	9.07	0.00	233.57	-1.19	--	--	--	--	--	--	--	--	
08/06/99	242.64	10.02	0.00	232.62	-0.95	ND	--	ND	ND	ND	ND	--	ND	
11/19/99	242.64	10.30	0.00	232.34	-0.28	--	--	--	--	--	--	--	--	
02/12/00	242.64	7.75	0.00	234.89	2.55	ND	--	ND	ND	ND	ND	--	ND	
05/06/00	242.64	9.09	0.00	233.55	-1.34	--	--	--	--	--	--	--	--	
08/04/00	242.64	10.13	0.00	232.51	-1.04	ND	--	ND	ND	ND	ND	ND	ND	
11/14/00	242.64	11.24	0.00	231.40	-1.11	--	--	--	--	--	--	--	--	
02/16/01	242.64	9.65	0.00	232.99	1.59	ND	--	ND	ND	ND	ND	ND	ND	
05/03/01	242.64	10.17	0.00	232.47	-0.52	--	--	--	--	--	--	--	--	
08/01/01	242.64	10.88	0.00	231.76	-0.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.5	ND<2.5	ND<5.0	
11/10/01	242.64	11.18	0.00	231.46	-0.30	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	242.64	9.34	0.00	233.30	1.84	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
05/02/02	242.64	10.06	0.00	232.58	-0.72	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	242.72	10.55	0.00	232.17	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/20/02	242.72	10.27	0.00	232.45	0.28	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	242.72	9.32	0.00	233.40	0.95	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
05/29/03	242.72	9.50	0.00	233.22	-0.18	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
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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 (µg/l)	TPPH 8260B (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														
08/08/03	242.72	10.72	0.00	232.00	-1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	242.72	11.25	0.00	231.47	-0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	242.72	10.42	0.00	232.30	0.83	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	242.72	10.77	0.00	231.95	-0.35	--	--	--	--	--	--	--	--	Sampled Semi Annually
06/30/05	242.72	9.73	0.00	232.99	1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.89	Gauged and sampled on 6-30-05
12/16/05	242.72	10.26	0.00	232.46	-0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
MW-7														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	241.91	8.50	0.00	233.41	--	--	--	--	--	--	--	--	--	
08/25/93	241.91	9.11	0.00	232.80	-0.61	6200	--	ND	ND	ND	ND	--	--	
11/07/93	241.53	8.83	0.00	232.70	-0.10	5200	--	ND	ND	80	ND	7700	--	
02/23/94	241.53	7.55	0.00	233.98	1.28	2700	--	ND	ND	ND	ND	--	--	
05/25/94	241.53	8.46	0.00	233.07	-0.91	ND	--	ND	ND	ND	ND	--	--	
08/22/94	241.53	9.07	0.00	232.46	-0.61	3400	--	ND	ND	ND	ND	--	--	
11/22/94	241.53	8.22	0.00	233.31	0.85	2400	--	ND	ND	ND	ND	--	--	
02/24/95	241.53	7.03	0.00	234.50	1.19	1300	--	ND	ND	ND	ND	--	--	
05/22/95	241.53	7.68	0.00	233.85	-0.65	720	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
08/28/95	241.53	8.42	0.00	233.11	-0.74	ND	--	0.92	1.1	ND	1.2	--	--	
11/09/95	241.53	8.99	0.00	232.54	-0.57	ND	--	ND	ND	ND	ND	1800	--	
02/08/96	241.53	6.30	0.00	235.23	2.69	ND	--	ND	3	ND	4.4	--	--	
05/17/96	241.53	7.88	0.00	233.65	-1.58	ND	--	ND	ND	ND	ND	--	--	
08/29/96	241.53	8.82	0.00	232.71	-0.94	ND	--	ND	6.6	ND	ND	--	--	
11/27/96	241.53	8.42	0.00	233.11	0.40	ND	--	ND	ND	ND	ND	600	--	
02/28/97	241.53	7.97	0.00	233.56	0.45	ND	--	ND	ND	ND	ND	870	--	
06/24/97	241.53	8.90	0.00	232.63	-0.93	ND	--	ND	ND	ND	ND	ND	--	
08/20/97	241.53	8.97	0.00	232.56	-0.07	ND	--	ND	ND	ND	ND	450	--	
11/21/97	241.53	8.25	0.00	233.28	0.72	ND	--	ND	ND	ND	ND	790	--	
02/07/98	241.53	5.74	0.00	235.79	2.51	ND	--	ND	1.2	ND	0.71	110	--	
05/04/98	241.53	7.18	0.00	234.35	-1.44	ND	--	ND	ND	ND	ND	ND<1300	--	
07/27/98	241.53	8.36	0.00	233.17	-1.18	ND	--	ND	ND	ND	ND	1200	1200	
11/02/98	241.53	8.97	0.00	232.56	-0.61	ND	--	ND	ND	ND	ND	1360	1550	
02/13/99	241.53	6.86	0.00	234.67	2.11	ND	--	ND	ND	ND	ND	780	780	
05/04/99	241.53	7.91	0.00	233.62	-1.05	ND	--	ND	ND	ND	ND	740	510	
08/06/99	241.53	8.71	0.00	232.82	-0.80	ND	--	ND	ND	ND	ND	360	280	
11/19/99	241.53	8.94	0.00	232.59	-0.23	ND	--	ND	ND	ND	ND	340	440	
02/12/00	241.53	6.74	0.00	234.79	2.20	ND	--	ND	ND	ND	ND	500	470	
05/06/00	241.53	7.98	0.00	233.55	-1.24	ND	--	ND	ND	ND	ND	410	470	
08/04/00	241.53	8.82	0.00	232.71	-0.84	ND	--	ND	ND	ND	ND	390	440	
11/14/00	241.53	9.12	0.00	232.41	-0.30	ND	--	ND	ND	ND	ND	110	91	
02/16/01	241.53	8.25	0.00	233.28	0.87	ND	--	ND	ND	ND	ND	172	280	
05/03/01	241.53	8.70	0.00	232.83	-0.45	ND	--	ND	ND	ND	ND	260	270	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
08/01/01	241.53	9.56	0.00	231.97	-0.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	260	190	
11/10/01	241.53	9.85	0.00	231.68	-0.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	270	--	
02/01/02	241.53	8.02	0.00	233.51	1.83	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	130	120	
05/02/02	241.53	8.52	0.00	233.01	-0.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	47	51	
07/23/02	241.57	9.04	0.00	232.53	-0.48	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<2.5	--	49	
11/20/02	241.57	9.12	0.00	232.45	-0.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	47	59	
02/27/03	241.57	8.09	0.00	233.48	1.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	35	27	
05/29/03	241.57	8.17	0.00	233.40	-0.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	43	32	
08/08/03	241.57	9.20	0.00	232.37	-1.03	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	76	
11/07/03	241.57	9.80	0.00	231.77	-0.60	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	41	
05/12/04	241.57	8.83	0.00	232.74	0.97	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	78	
11/12/04	241.57	9.23	0.00	232.34	-0.40	--	69	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	71	
06/07/05	241.57	8.17	0.00	233.40	1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	47	
12/16/05	241.57	8.78	0.00	232.79	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	30	
MW-8														
01/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/14/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/13/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
02/25/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/25/93	241.58	8.33	0.00	233.25	--	--	--	--	--	--	--	--	--	
08/25/93	241.58	7.47	0.00	234.11	0.86	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
11/07/93	241.21	7.21	0.00	234.00	-0.11	--	--	--	--	--	--	--	--	
02/23/94	241.21	5.49	0.00	235.72	1.72	ND	--	ND	ND	ND	ND	--	--	
05/25/94	241.21	6.52	0.00	234.69	-1.03	--	--	--	--	--	--	--	--	
08/22/94	241.21	7.48	0.00	233.73	-0.96	ND	--	ND	ND	ND	ND	--	--	
11/22/94	241.21	6.69	0.00	234.52	0.79	--	--	--	--	--	--	--	--	
02/24/95	241.21	5.23	0.00	235.98	1.46	ND	--	ND	ND	ND	ND	--	--	
05/22/95	241.21	5.57	0.00	235.64	-0.34	--	--	--	--	--	--	--	--	
08/28/95	241.21	6.65	0.00	234.56	-1.08	ND	--	ND	0.8	ND	0.84	--	--	
11/09/95	241.21	7.55	0.00	233.66	-0.90	--	--	--	--	--	--	--	--	
02/08/96	241.21	4.58	0.00	236.63	2.97	ND	--	ND	ND	ND	ND	--	--	
05/17/96	241.21	7.63	0.00	233.58	-3.05	--	--	--	--	--	--	--	--	
08/29/96	241.21	7.11	0.00	234.10	0.52	ND	--	ND	5.9	ND	ND	--	--	
11/27/96	241.21	6.67	0.00	234.54	0.44	--	--	--	--	--	--	--	--	
02/28/97	241.21	5.91	0.00	235.30	0.76	ND	--	ND	ND	ND	ND	ND	--	
06/24/97	241.21	7.18	0.00	234.03	-1.27	--	--	--	--	--	--	--	--	
08/20/97	241.21	7.28	0.00	233.93	-0.10	ND	--	ND	ND	ND	ND	--	--	
11/21/97	241.21	6.20	0.00	235.01	1.08	--	--	--	--	--	--	--	--	
02/07/98	241.21	3.90	0.00	237.31	2.30	ND	--	ND	ND	ND	ND	--	--	
05/04/98	241.21	5.00	0.00	236.21	-1.10	--	--	--	--	--	--	--	--	
07/27/98	241.21	6.24	0.00	234.97	-1.24	ND	--	ND	ND	ND	ND	--	--	
11/02/98	241.21	7.18	0.00	234.03	-0.94	--	--	--	--	--	--	--	--	
02/13/99	241.21	4.87	0.00	236.34	2.31	ND	--	ND	ND	ND	ND	--	--	
05/04/99	241.21	5.67	0.00	235.54	-0.80	ND	--	ND	ND	ND	ND	14	14	
08/06/99	241.21	6.71	0.00	234.50	-1.04	ND	--	ND	ND	ND	ND	--	17	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
11/19/99	241.21	6.58	0.00	234.63	0.13	--	--	--	--	--	--	--	--	
02/12/00	241.21	4.88	0.00	236.33	1.70	ND	--	ND	ND	ND	ND	--	7.9	
05/06/00	241.21	5.60	0.00	235.61	-0.72	--	--	--	--	--	--	--	--	
08/04/00	241.21	7.02	0.00	234.19	-1.42	ND	--	ND	ND	ND	ND	18	16	
11/14/00	241.21	7.33	0.00	233.88	-0.31	--	--	--	--	--	--	--	--	
02/16/01	241.21	6.20	0.00	235.01	1.13	ND	--	ND	ND	ND	ND	ND	ND	
05/04/01	241.21	6.67	0.00	234.54	-0.47	--	--	--	--	--	--	--	--	
08/01/01	241.21	7.89	0.00	233.32	-1.22	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<5.0	
11/10/01	241.21	8.18	0.00	233.03	-0.29	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/02	241.21	5.99	0.00	235.22	2.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.5	
05/02/02	241.21	6.47	0.00	234.74	-0.48	--	--	--	--	--	--	--	--	Sampled semi-annually
07/23/02	241.27	7.14	0.00	234.13	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/20/02	241.27	6.95	0.00	234.32	0.19	--	--	--	--	--	--	--	--	Sampled semi-annually
02/27/03	241.27	6.04	0.00	235.23	0.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
05/29/03	241.27	8.18	0.00	233.09	-2.14	--	--	--	--	--	--	--	--	Sampled semi-annually
08/08/03	241.27	7.28	0.00	233.99	0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	
11/07/03	241.27	8.02	0.00	233.25	-0.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	241.27	6.75	0.00	234.52	1.27	--	--	--	--	--	--	--	--	Monitored Only
11/12/04	241.27	7.23	0.00	234.04	-0.48	--	--	--	--	--	--	--	--	Sampled Semi Annually
06/30/05	241.27	6.23	0.00	235.04	1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.62	Gauged and sampled on 6-30-05
12/16/05	241.27	6.80	0.00	234.47	-0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9														
07/23/02	240.92	9.31	0.00	231.61	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
11/20/02	240.92	9.87	0.00	231.05	-0.56	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
02/27/03	240.92	9.03	0.00	231.89	0.84	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.3	6.9	
05/29/03	240.92	9.21	0.00	231.71	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	2.3	
08/08/03	240.92	9.89	0.00	231.03	-0.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	240.92	10.25	0.00	230.67	-0.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	240.92	9.68	0.00	231.24	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.69	
11/12/04	240.92	9.72	0.00	231.20	-0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.54	
06/07/05	240.92	9.07	0.00	231.85	0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.76	
12/16/05	240.92	9.54	0.00	231.38	-0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10														
07/23/02	240.87	10.35	0.00	230.52	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
11/20/02	240.87	10.55	0.00	230.32	-0.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
02/27/03	240.87	9.35	0.00	231.52	1.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
05/29/03	240.87	9.52	0.00	231.35	-0.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
08/08/03	240.87	10.52	0.00	230.35	-1.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	240.87	11.10	0.00	229.77	-0.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/12/04	240.87	10.33	0.00	230.54	0.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/12/04	240.87	10.57	0.00	230.30	-0.24	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.1	--	ND<0.50	
06/07/05	240.87	9.58	0.00	231.29	0.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/16/05	240.87	10.28	0.00	230.59	-0.70	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-11														
07/23/02	241.13	7.79	0.00	233.34	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4.3	
11/20/02	241.13	7.93	0.00	233.20	-0.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.8	3.9	
02/27/03	241.13	6.45	0.00	234.68	1.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1988 Through December 2005
76 Station 5830

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (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-11 continued														
05/29/03	241.13	6.57	0.00	234.56	-0.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
08/08/03	241.13	7.90	0.00	233.23	-1.33	--	98	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/07/03	241.13	8.63	0.00	232.50	-0.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.8	
05/12/04	241.13	7.37	0.00	233.76	1.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.8	
11/12/04	241.13	7.94	0.00	233.19	-0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.91	
06/07/05	241.13	6.54	0.00	234.59	1.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.70	
12/16/05	241.13	7.40	0.00	233.73	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.8	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-1												
04/19/91	--	--	--	--	--	--	--	--	--	--	--	ND
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND
02/25/93	--	--	--	--	--	--	--	--	--	--	--	0.1
08/25/93	--	--	--	--	--	--	--	--	--	--	--	ND
02/23/94	--	--	--	--	--	--	--	--	--	--	--	ND
08/22/94	--	--	--	--	--	--	--	--	--	--	--	ND
02/24/95	--	--	--	--	--	--	--	--	--	--	--	ND
08/28/95	--	--	--	--	--	--	--	--	--	--	--	ND
02/08/96	--	--	--	--	--	--	--	--	--	--	--	ND
08/29/96	--	--	--	--	--	--	--	--	--	--	--	ND
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
MW-2												
10/09/91	--	--	--	--	--	--	0.098	--	0.066	0.047	0.039	--
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
07/27/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/02/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/13/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
05/04/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/06/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/19/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
05/06/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/14/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-2 continued												
05/04/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
08/01/01	ND<10	ND<10	ND<25	ND<50	ND<25	ND<25	--	ND<750	--	--	--	--
11/10/01	ND<10	ND<10	ND<10	ND<100	ND<10	ND<10	--	ND<2500	--	--	--	--
02/01/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/02/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/20/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/29/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
06/07/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
12/16/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<100	--	--	--	--
MW-3												
02/14/92	--	--	--	--	--	--	--	--	--	--	--	29
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
MW-4												
04/19/91	--	--	--	--	--	--	--	--	--	--	--	ND
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND
02/25/93	--	--	--	--	--	--	--	--	--	--	--	0.11
08/25/93	--	--	--	--	--	--	--	--	--	--	--	0.43
02/23/94	--	--	--	--	--	--	--	--	--	--	--	ND
08/22/94	--	--	--	--	--	--	--	--	--	--	--	ND

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-4 continued												
02/24/95	--	--	--	--	--	--	--	--	--	--	--	ND
08/28/95	--	--	--	--	--	--	--	--	--	--	--	ND
02/08/96	--	--	--	--	--	--	--	--	--	--	--	1.1
08/29/96	--	--	--	--	--	--	--	--	--	--	--	ND
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
MW-5												
04/19/91	--	--	--	--	--	--	--	--	--	--	--	45
02/14/92	--	--	--	--	--	--	--	--	--	--	--	8.8
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND
02/25/93	--	--	--	--	--	--	--	--	--	--	--	180
08/25/93	--	--	--	--	--	--	--	--	--	--	--	2.7
02/23/94	--	--	--	--	--	--	--	--	--	--	--	12
08/22/94	--	--	--	--	--	--	--	--	--	--	--	12
02/24/95	--	--	--	--	--	--	--	--	--	--	--	170
08/28/95	--	--	--	--	--	--	--	--	--	--	--	17
02/08/96	--	--	--	--	--	--	--	--	--	--	--	140
08/29/96	--	--	--	--	--	--	--	--	--	--	--	17
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
MW-6												
04/19/91	--	--	--	--	--	--	--	--	--	--	--	ND
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
08/13/92	--	--	--	--	--	--	--	--	--	--	--	ND
02/25/93	--	--	--	--	--	--	--	--	--	--	--	0.11
08/25/93	--	--	--	--	--	--	--	--	--	--	--	ND
02/23/94	--	--	--	--	--	--	--	--	--	--	--	ND
08/22/94	--	--	--	--	--	--	--	--	--	--	--	ND

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-6 continued												
02/24/95	--	--	--	--	--	--	--	--	--	--	--	ND
08/28/95	--	--	--	--	--	--	--	--	--	--	--	ND
02/08/96	--	--	--	--	--	--	--	--	--	--	--	0.26
08/29/96	--	--	--	--	--	--	--	--	--	--	--	ND
07/27/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/13/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
08/01/01	ND<2.0	ND<2.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	ND<150	--	--	--	--
02/01/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
06/30/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
12/16/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<100	--	--	--	--
MW-7												
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
07/27/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/02/98	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/13/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
05/04/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/06/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/19/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-7 continued												
05/06/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
11/14/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
05/03/01	ND	ND	ND	24	ND	ND	--	ND	--	--	--	--
08/01/01	ND<2.0	ND<2.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	ND<150	--	--	--	--
02/01/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/02/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
07/23/02	ND<10	ND<10	ND<10	ND<500	ND<10	ND<10	--	ND<2500	--	--	--	--
11/20/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/29/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	2.3	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
06/07/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
12/16/05	ND<0.50	ND<0.50	ND<0.50	8.6	ND<1.0	ND<0.50	--	ND<100	--	--	--	--
MW-8												
02/14/92	--	--	--	--	--	--	--	--	--	--	--	ND
05/04/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/06/99	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/12/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
08/04/00	--	--	ND	ND	ND	ND	--	ND	--	--	--	--
02/16/01	ND	ND	ND	ND	ND	ND	--	ND	--	--	--	--
08/01/01	ND<2.0	ND<2.0	ND<5.0	ND<10	ND<5.0	ND<5.0	--	ND<150	--	--	--	--

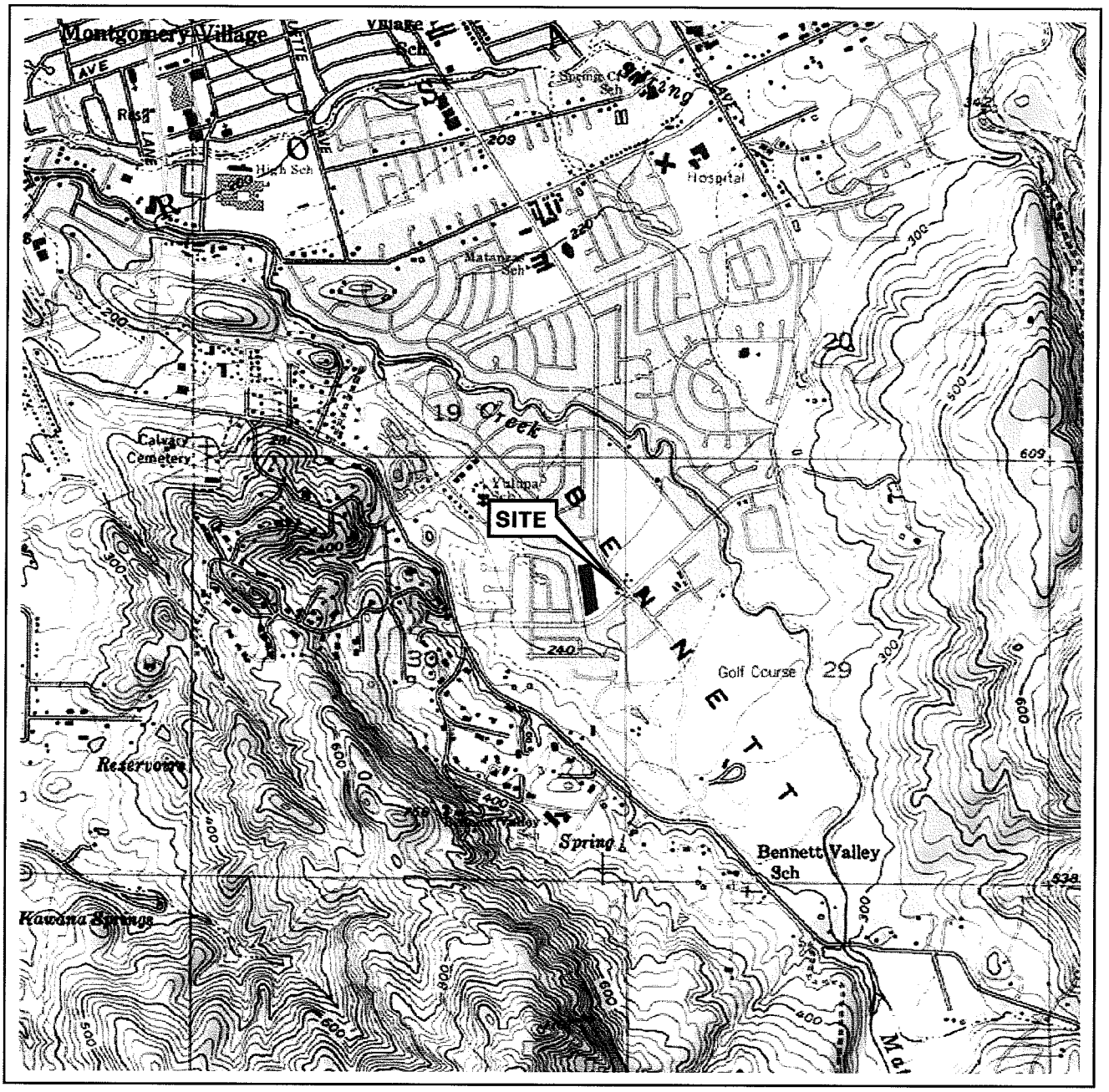
Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-8 continued												
02/01/02	ND<2.0	ND<2.0	ND<2.0	ND<20	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
06/30/05	ND<0.50	ND<0.50	ND<0.50	8.7	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
12/16/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<100	--	--	--	--
MW-9												
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/20/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/29/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
06/07/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
12/16/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<100	--	--	--	--
MW-10												
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/20/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/29/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5830

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	Chromium	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-10 continued												
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
06/07/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
12/16/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<100	--	--	--	--
MW-11												
07/23/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/20/02	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
02/27/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/29/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
08/08/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
11/07/03	ND<2.0	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500	--	--	--	--
05/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
11/12/04	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50	--	--	--	--
06/07/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	ND<50	--	--	--	--
12/16/05	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<100	--	--	--	--

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:
Santa Rosa Quadrangle

VICINITY MAP

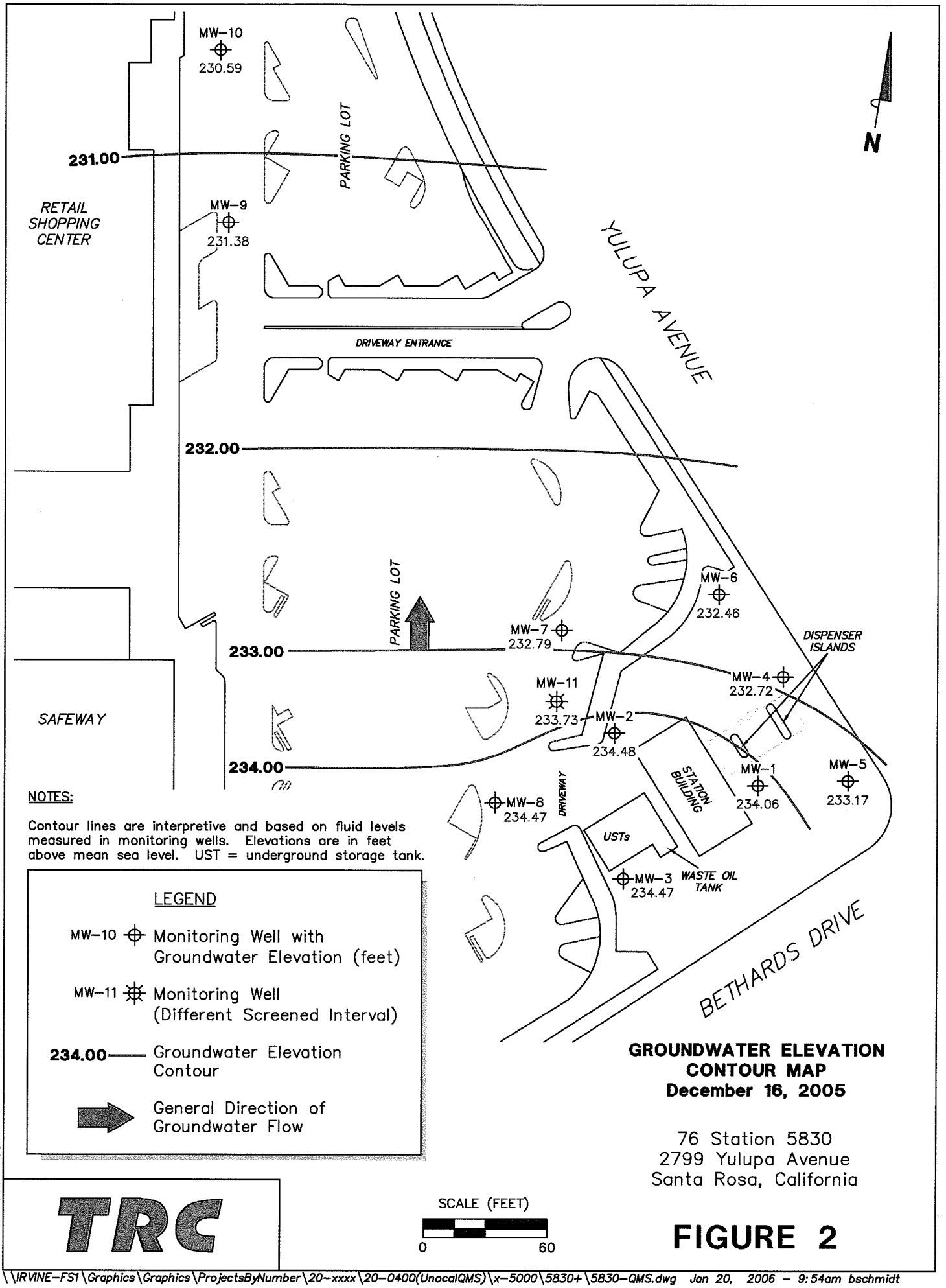
76 Station 5830
2799 Yulupa Avenue
Santa Rosa, California

TRC

FIGURE 1

PS = 1:1

L:\ V I C I N I T Y M A P S\5830vm.dwg Dec 01, 2005 – 1:13pm 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-10 — Monitoring Well with Groundwater Elevation (feet)

MW-11 — Monitoring Well (Different Screened Interval)

234.00 — Groundwater Elevation Contour

General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
December 16, 2005

76 Station 5830
2799 Yulupa Avenue
Santa Rosa, California

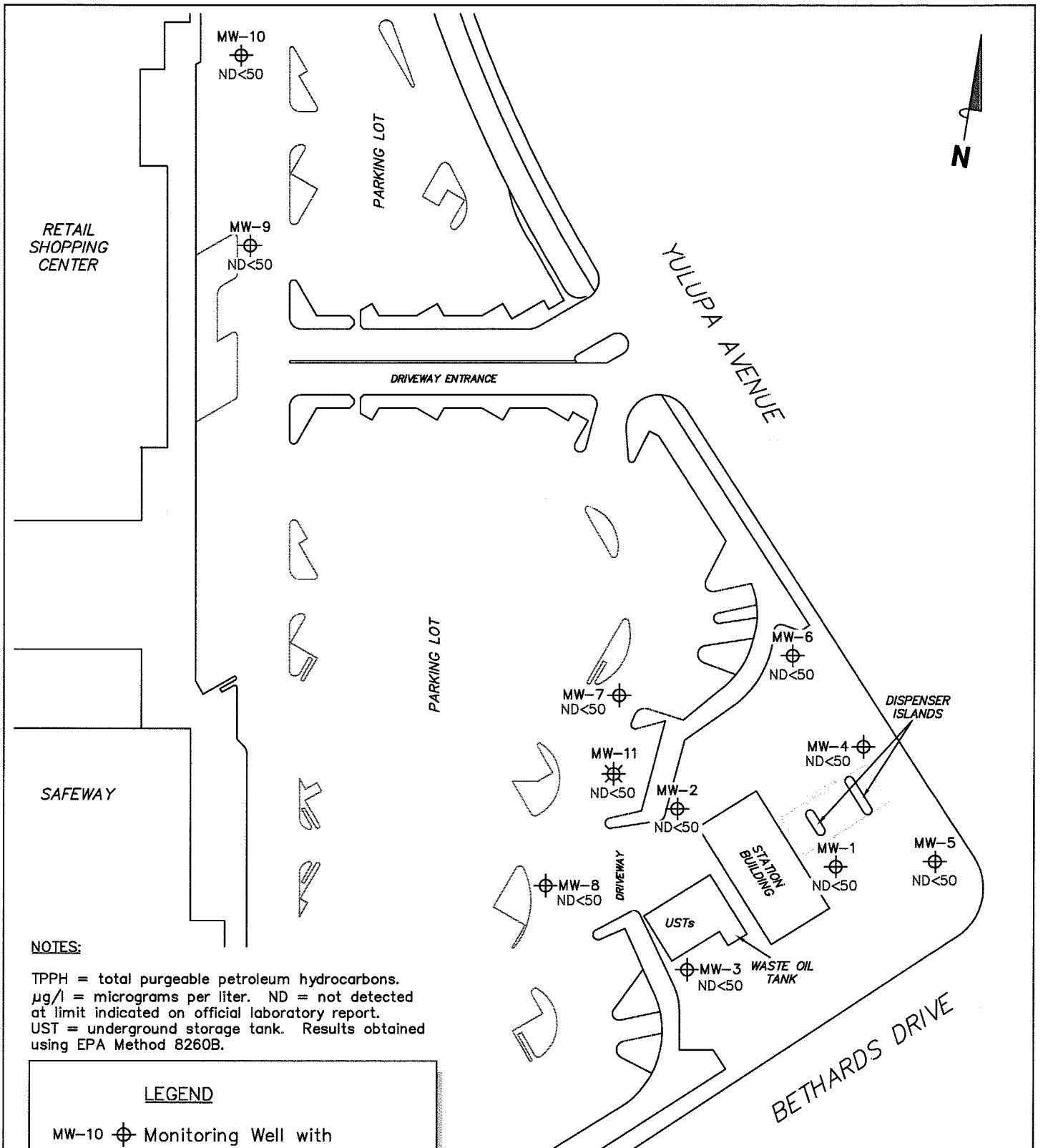
TRC

SCALE (FEET)
0 60

FIGURE 2

PS=1:1 5830-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5830+\5830-QMS.dwg Jan 20, 2006 - 9:54am bschmidt



NOTES:

TPPH = total purgeable petroleum hydrocarbons. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-10 Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

MW-11 Monitoring Well (Different Screened Interval)

DISSOLVED-PHASE TPPH CONCENTRATION MAP
December 16, 2005

76 Station 5830
2799 Yulupa Avenue
Santa Rosa, California

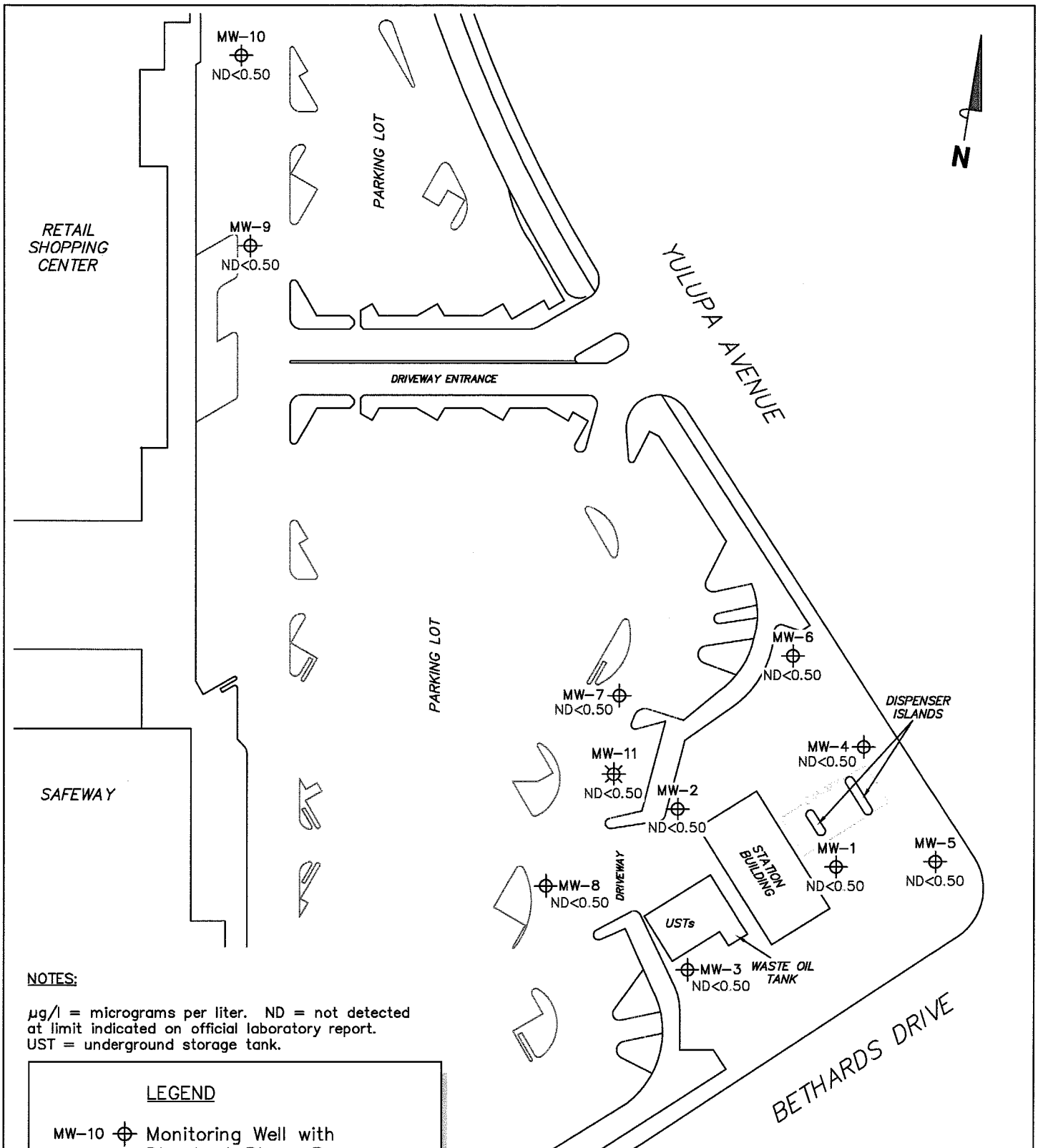
SCALE (FEET)
0 60

TRC

FIGURE 3

PS=1:1 5830-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5830+\5830-QMS.dwg Jan 20, 2006 - 9:57am bschmidt



NOTES:

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

LEGEND

MW-10 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

MW-11 ⊕ Monitoring Well (Different Screened Interval)

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
December 16, 2005

76 Station 5830
2799 Yulupa Avenue
Santa Rosa, California

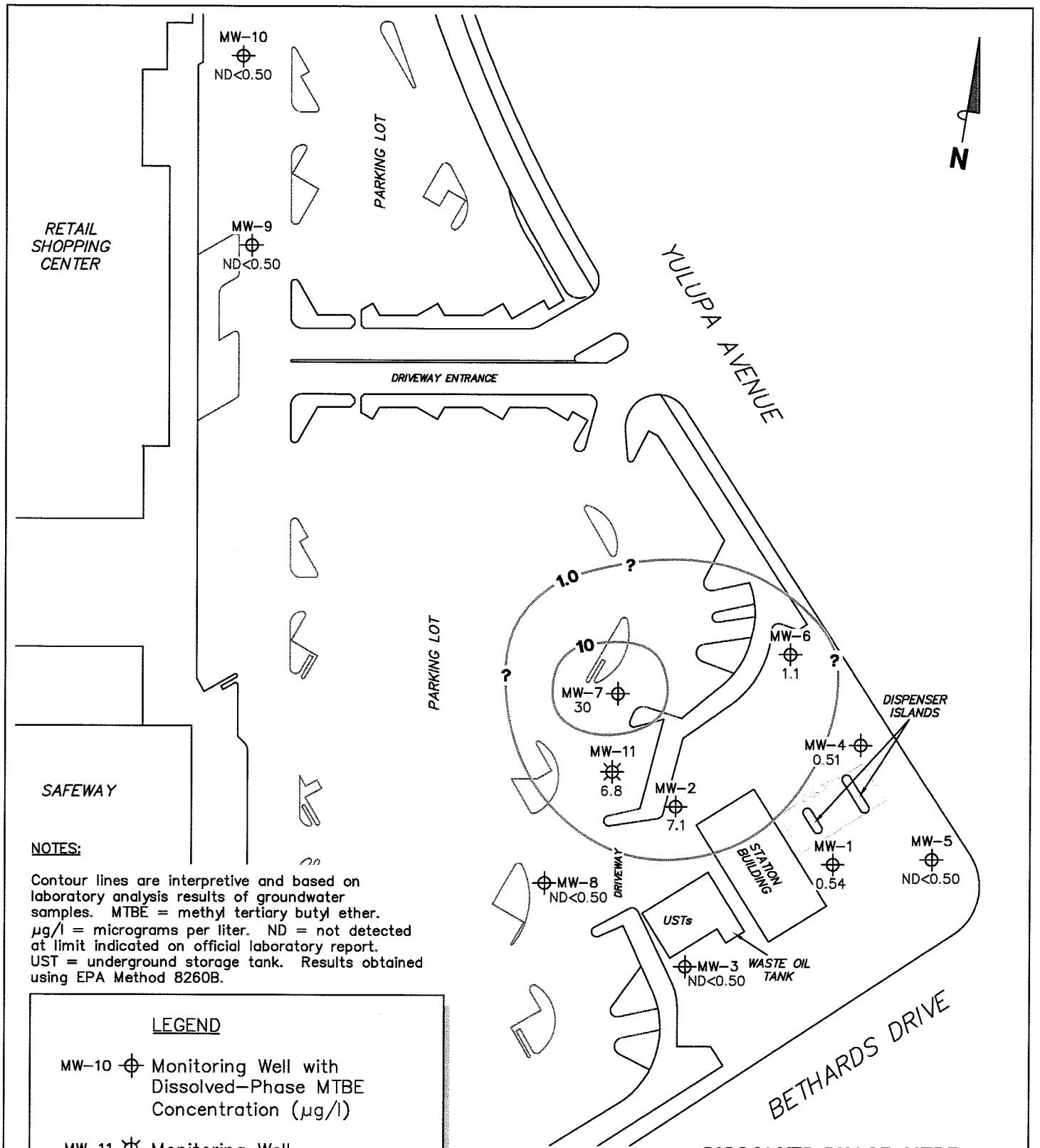
TRC

SCALE (FEET)
0 60

FIGURE 4

PS=1:1 5830-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5830+\5830-QMS.dwg Jan 20, 2006 - 10:01am 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. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-10 Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

MW-11 Monitoring Well (Different Screened Interval)

10 Dissolved-Phase MTBE Contour (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
December 16, 2005

76 Station 5830
2799 Yulupa Avenue
Santa Rosa, California

SCALE (FEET)
0 60

TRC

FIGURE 5

PS=1:1 5830-003

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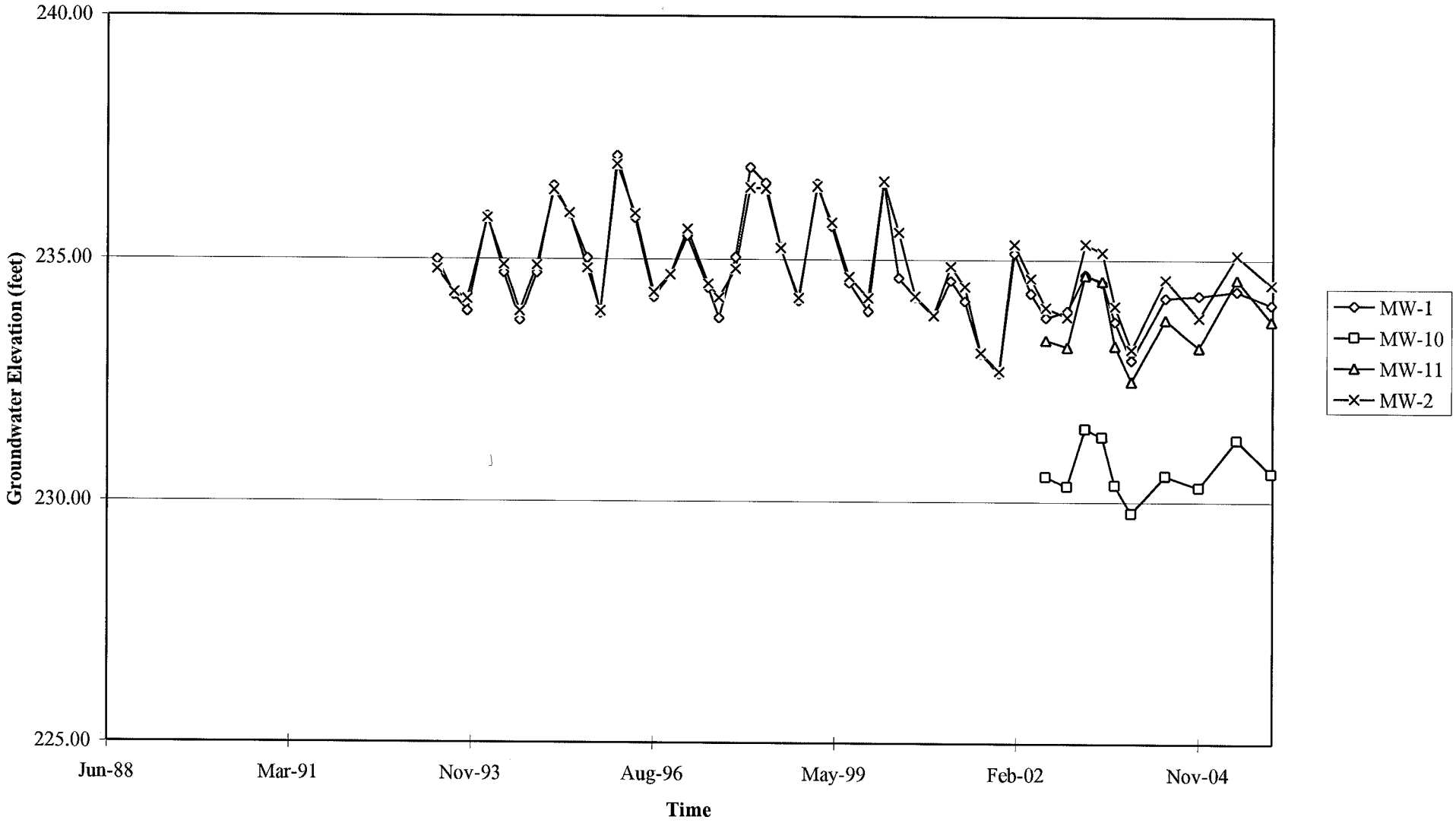
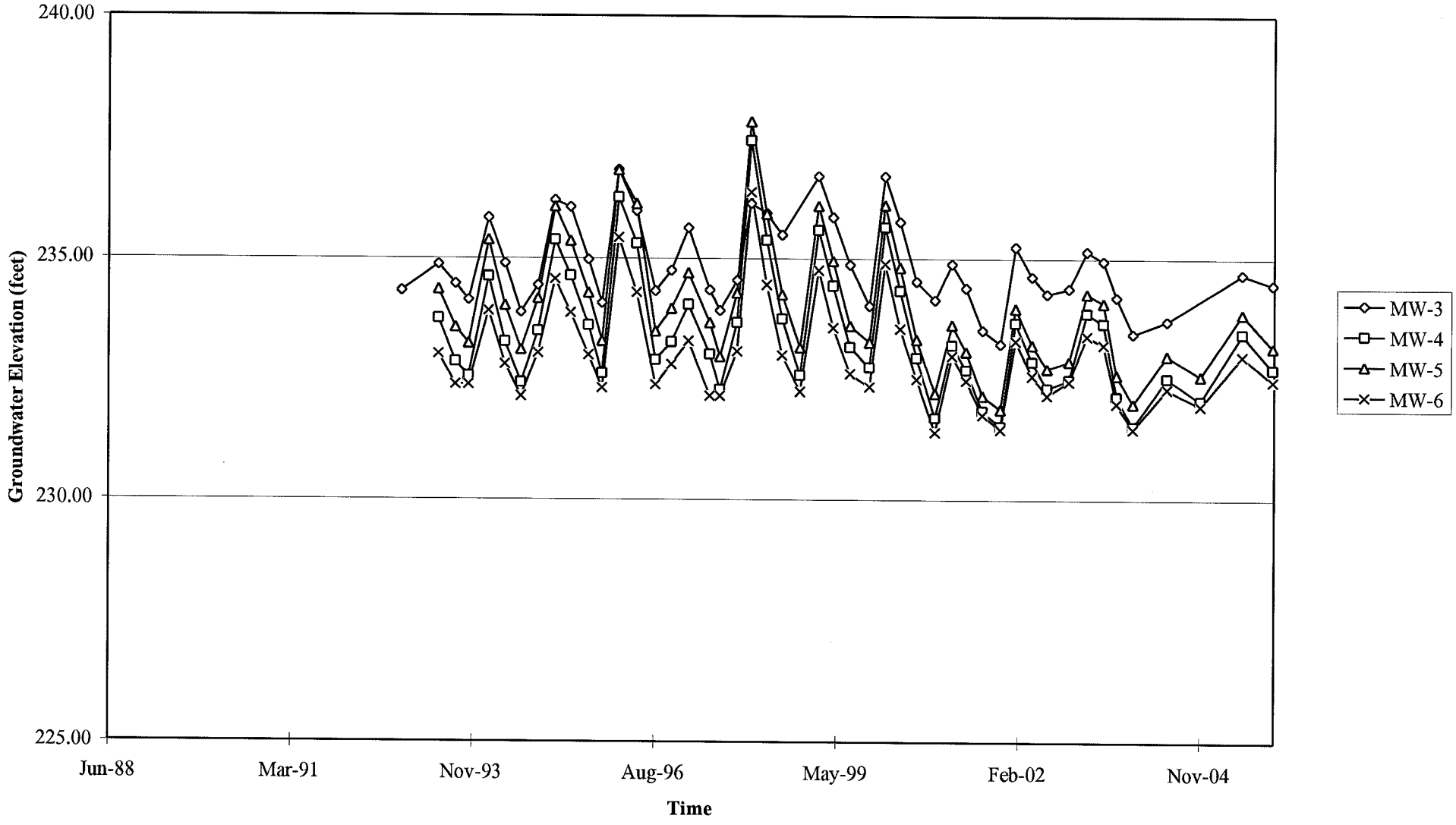
GRAPHS

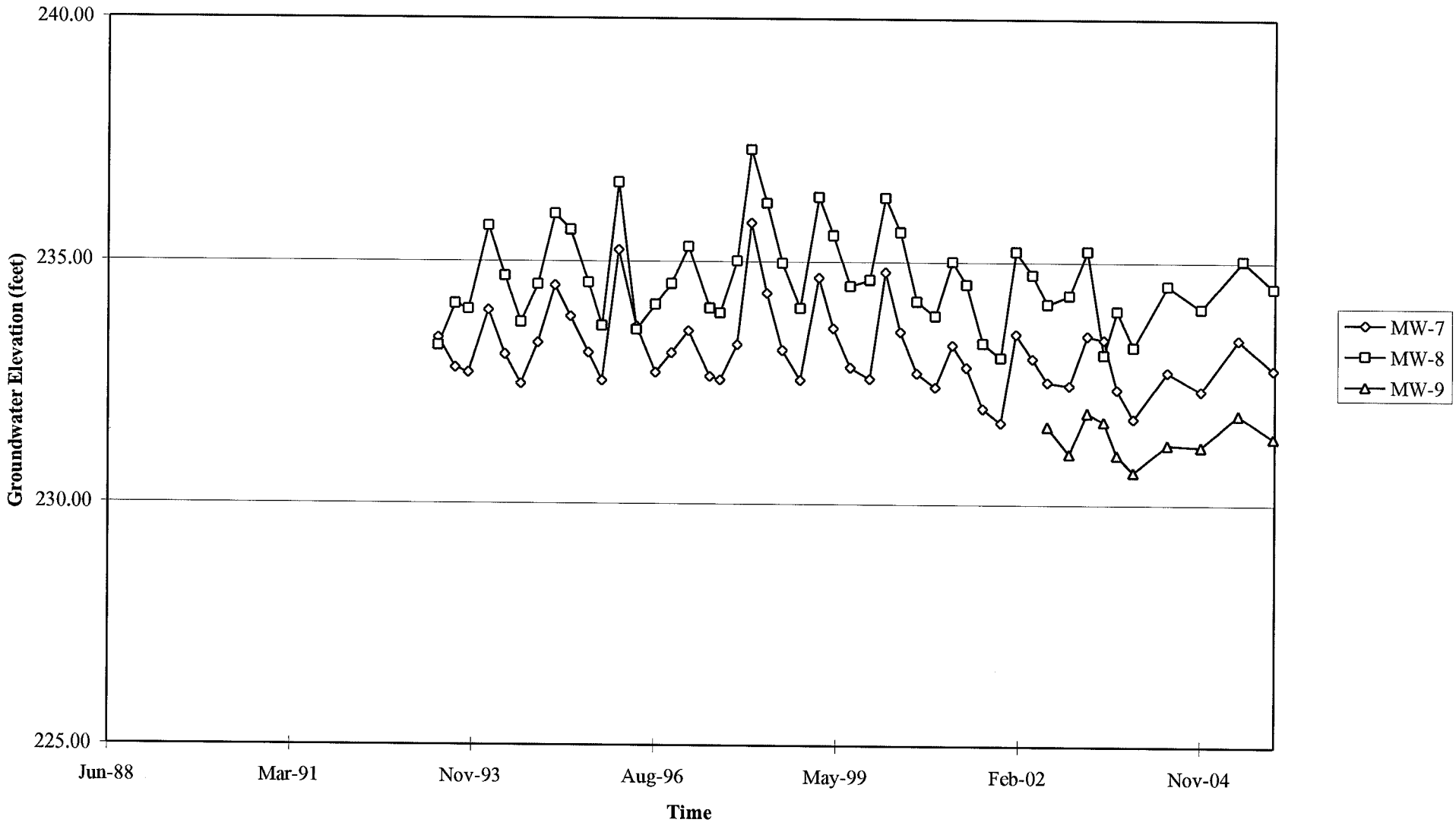
Groundwater Elevations vs. Time
76 Station 5830



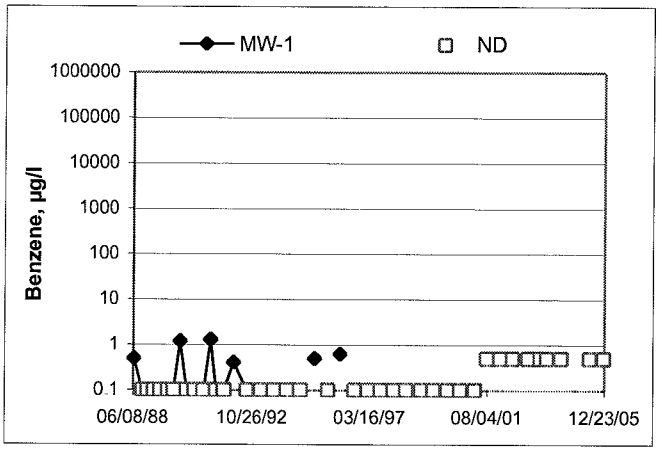
Groundwater Elevations vs. Time
76 Station 5830

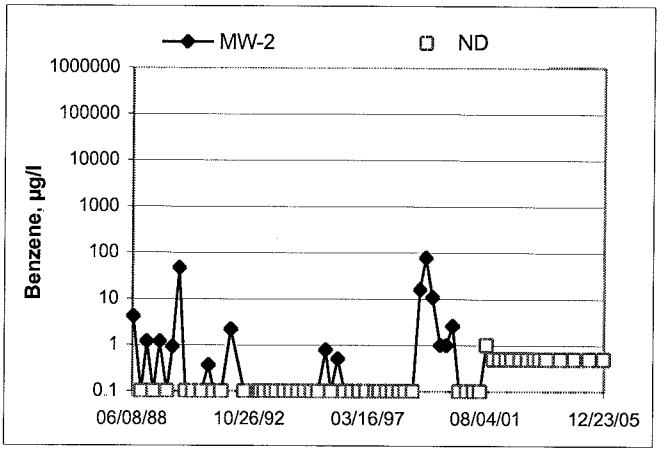


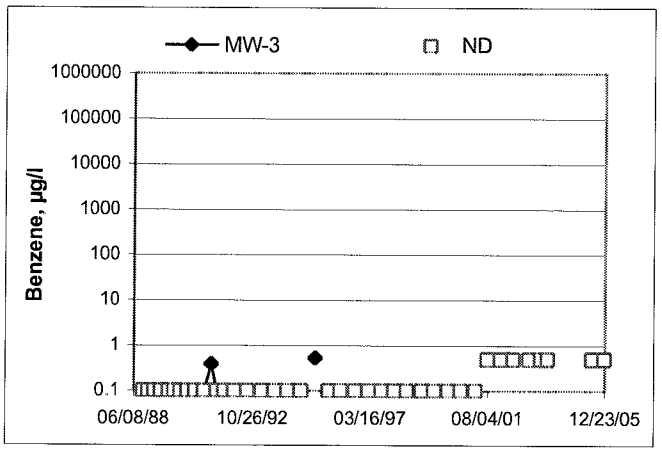
Groundwater Elevations vs. Time
76 Station 5830

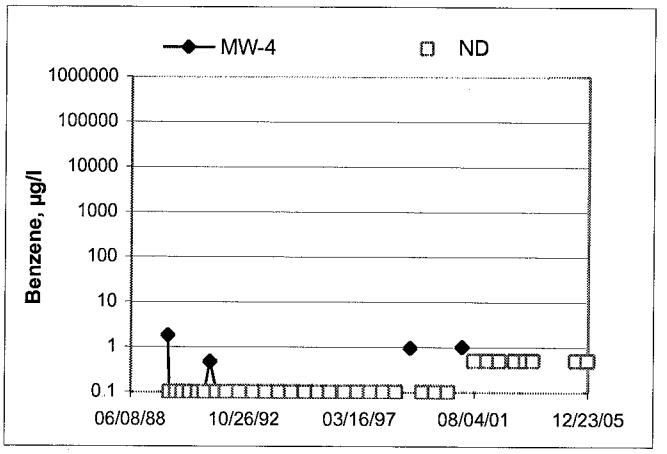


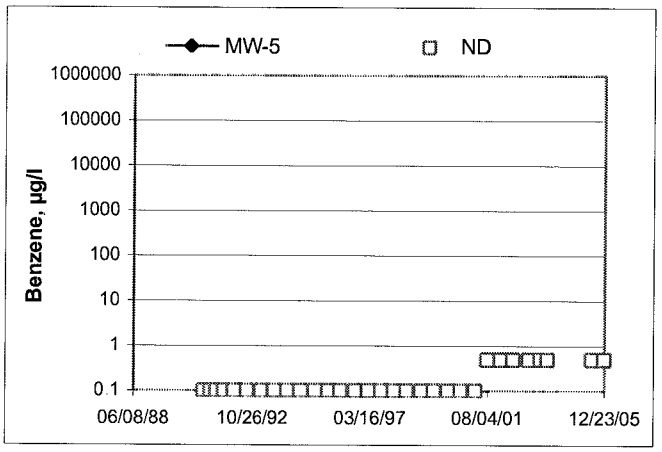
Benzene Concentrations vs Time
76 Station 5830

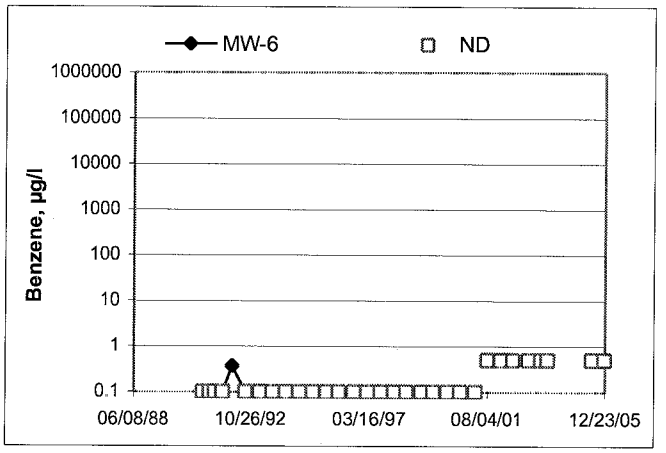


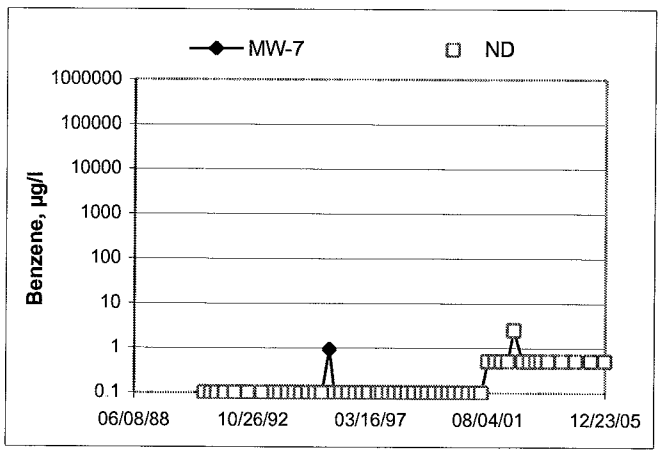


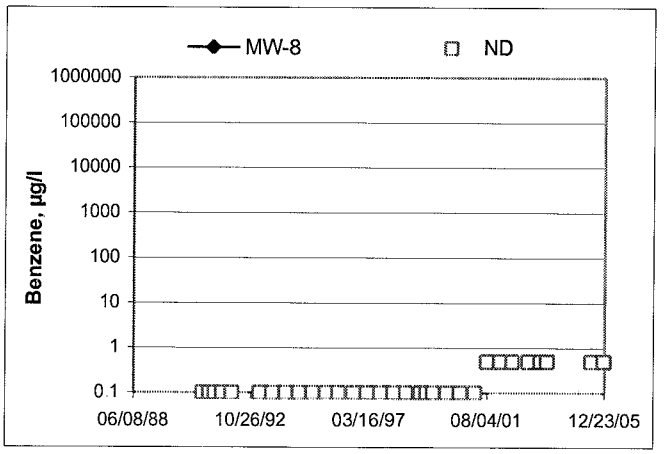




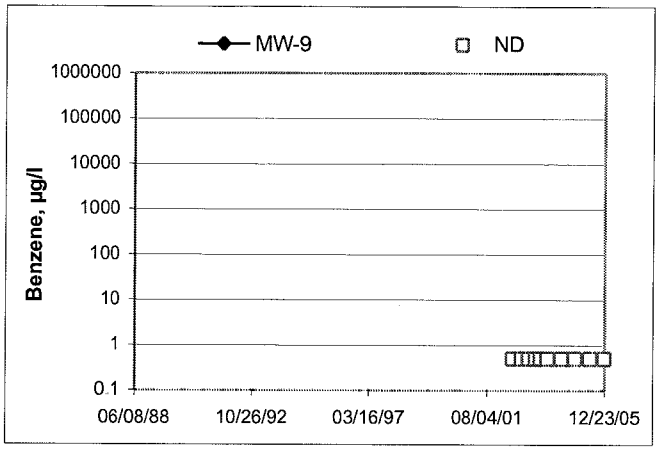


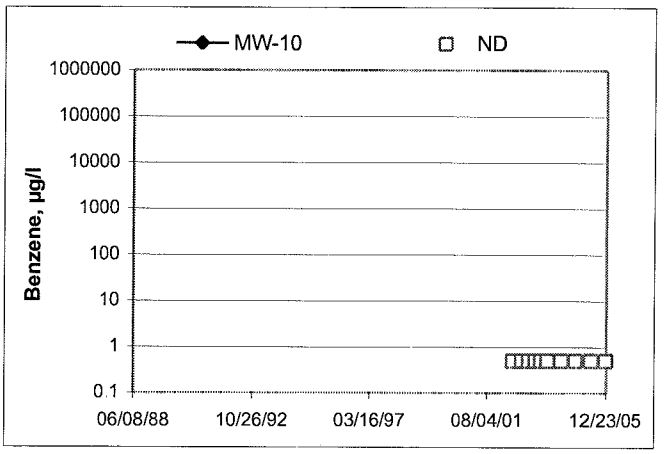


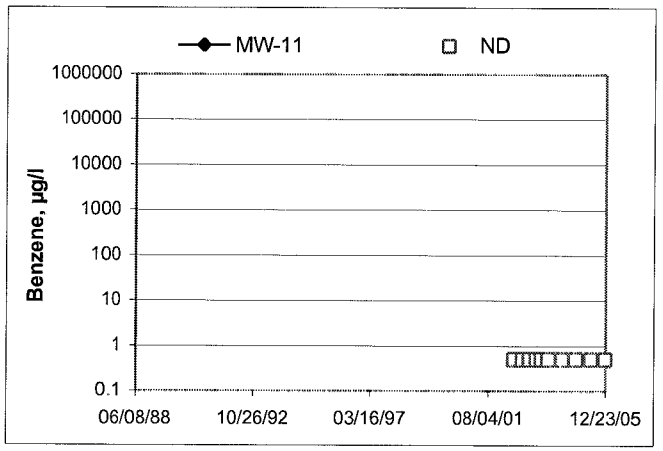




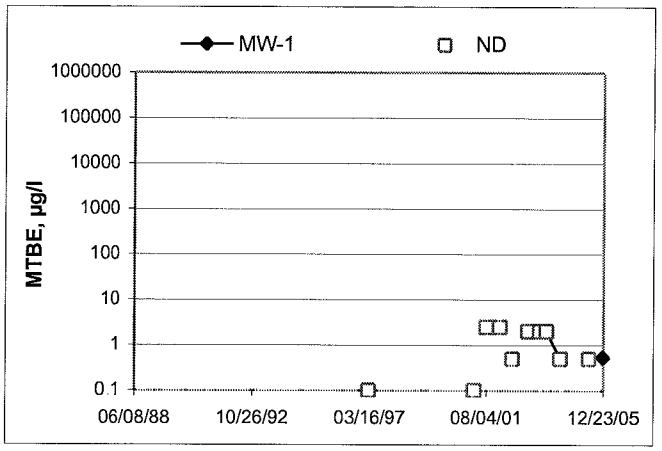
Benzene Concentrations vs Time
76 Station 5830

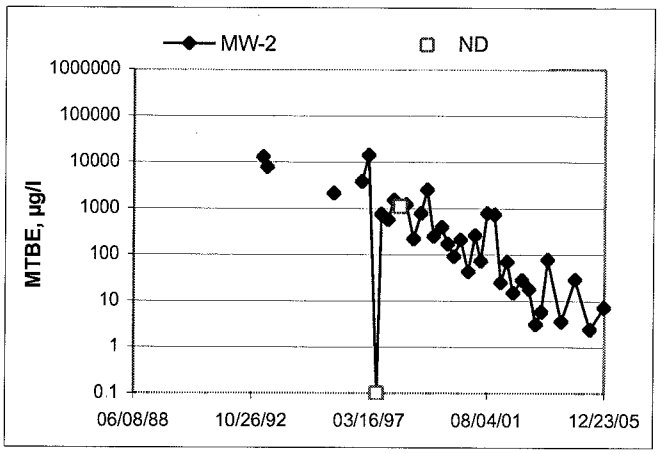


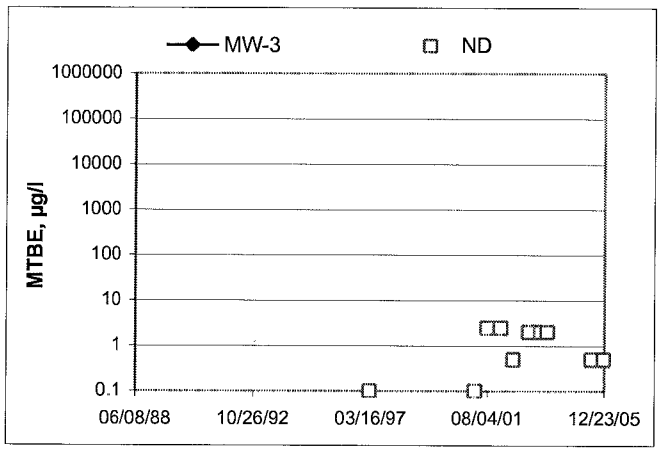


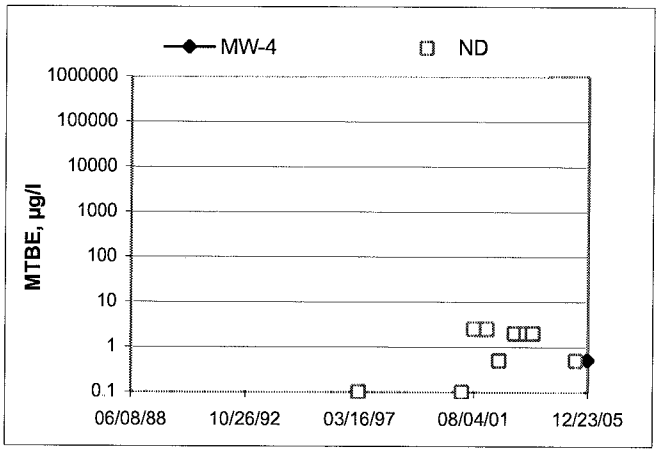


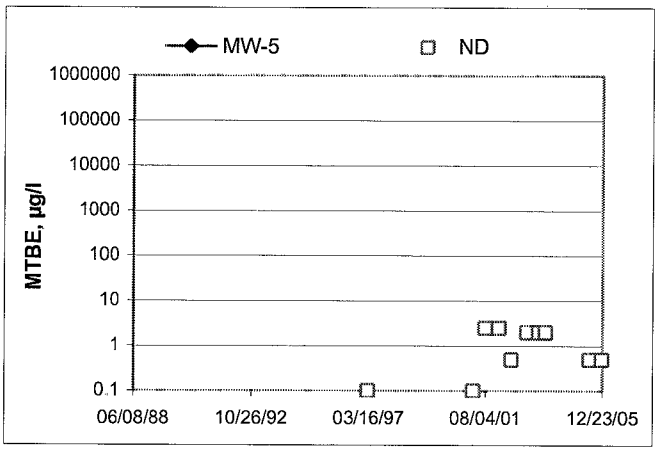
MTBE Concentrations vs Time
76 Station 5830

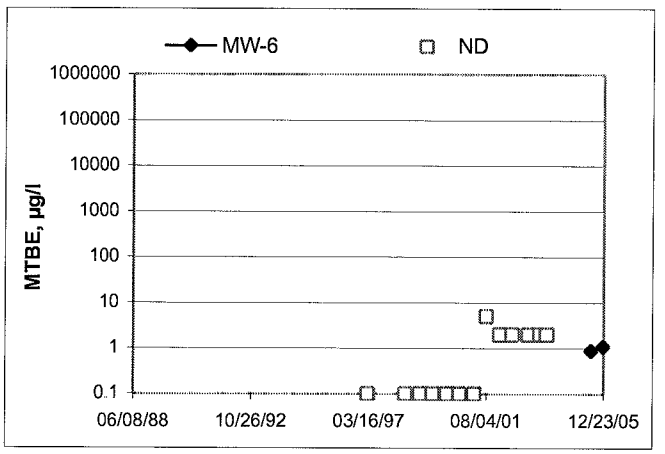


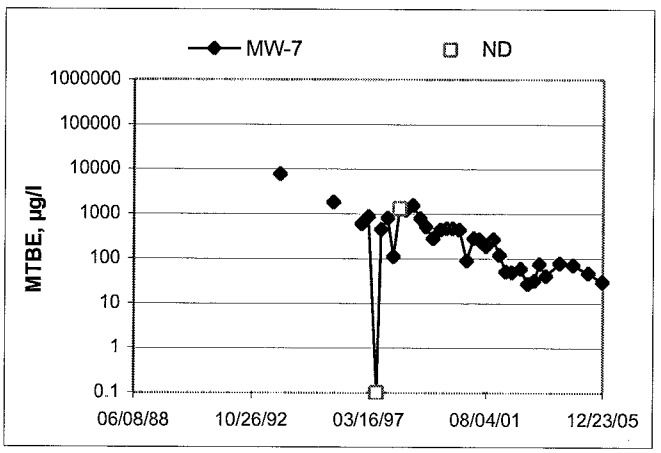


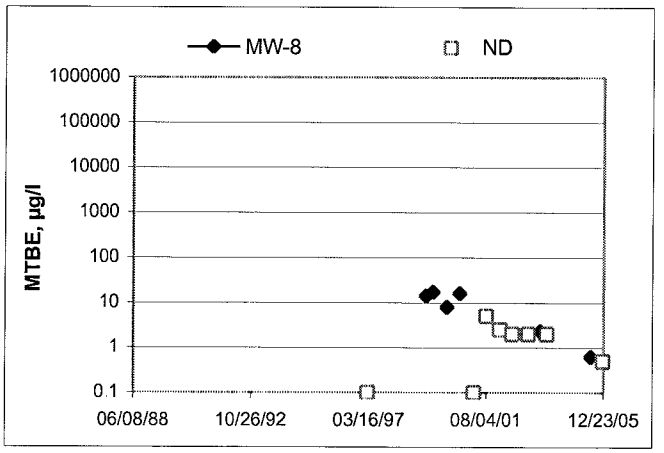




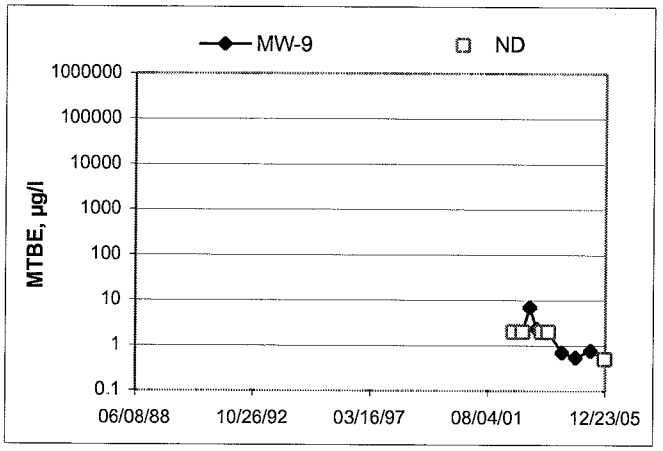


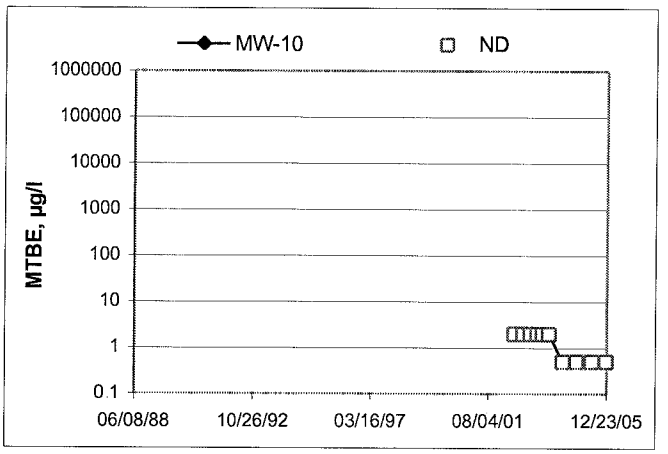


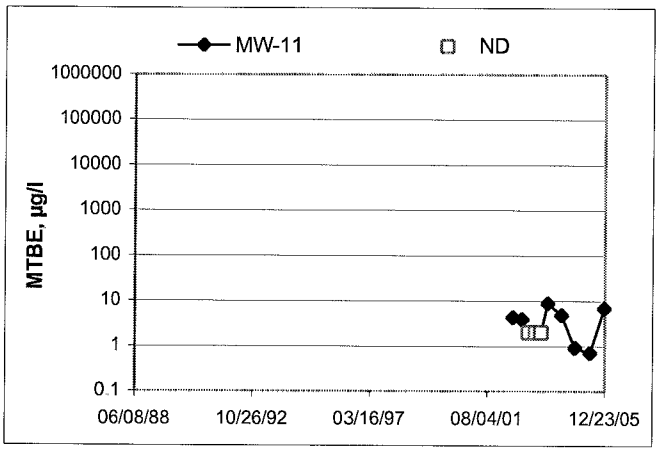




MTBE Concentrations vs Time
76 Station 5830







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: ALEX **Job #/Task #:** 4105000 / FA20 **Date:** 12-16-05

Site # 5830 **Project Manager** A. COLLINS **Page** 1 **of** 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-10	0721	-	27.68	10.28	-	-	0930	2"
MW-11	0955	-	46.20	7.40	-	-	0848	2"
MW-8	0700	-	19.73	6.50	-	-	0902	2"
MW-9	0727	-	27.08	9.54	-	-	0922	2"
MW-2	0707	-	24.50	7.52	-	-	0948	2"
MW-7	0712	-	27.45	8.78	-	-	1008	2"
MW-3	0646	-	29.24	7.99	-	-	0840	2"
MW-1	0657	-	28.97	9.50	-	-	0904	2"
MW-5	0703	-	21.69	10.45	-	-	0927	2"
MW-4	0709	-	21.55	10.51	-	-	0949	2"
MW-6	0714	-	19.65	10.26	-	-	1009	2"

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

WTT CERTIFICATE ✓ MANIFEST ✓ DRUM INVENTORY ✓ TRAFFIC CONTROL ✓

GROUNDWATER SAMPLING FIELD NOTES

Technician: Nick

Site: 5830 Project No.: 41050001 Date: 12-16-05

Well No.: MW-3 Purge Method: DIA

Depth to Water (feet): 7.99 Depth to Product (feet): —

Total Depth (feet): 29.24 LPH & Water Recovered (gallons): —

Water Column (feet): 21.25 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.24 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
0829			3	754	14.6	6.84		
			6	779	19.2	6.81		
	0836		9	763	20.6	6.71		

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.23	9	0840

Comments:

Well No.: MW-1 Purge Method: DIA

Depth to Water (feet): 9.50 Depth to Product (feet): —

Total Depth (feet): 28.97 LPH & Water Recovered (gallons): —

Water Column (feet): 19.47 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 13.39 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
0852			3	799	19.1	6.61		
			6	784	20.4	6.55		
	0857		9	804	21.2	6.57		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.47	9	0904

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: NICK

Site: 5830 Project No.: 41050001 Date: 12-16-05

Well No.: MW-5 Purge Method: DIA

Depth to Water (feet): 10.45 Depth to Product (feet): —

Total Depth (feet): 21.69 LPH & Water Recovered (gallons): —

Water Column (feet): 11.24 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.70 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
0912			2	830	14.0	6.93		
			4	745	20.4	6.58		
	0921		6	738	21.1	6.55		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.24	6	0922

Comments:

Well No.: MW-4 Purge Method: DIA

Depth to Water (feet): 10.51 Depth to Product (feet): —

Total Depth (feet): 21.55 LPH & Water Recovered (gallons): —

Water Column (feet): 11.04 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.72 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
0939			2	748	14.3	7.03		
			4	529	18.5	6.68		
	0942		6	504	19.4	7.06		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.52	6	0949

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: NICK

Site: 5830 Project No.: 41050001 Date: 12-16-05

Well No.: MW-6 Purge Method: DIA

Depth to Water (feet): 10.26 Depth to Product (feet): —

Total Depth (feet): 19.69 LPH & Water Recovered (gallons): —

Water Column (feet): 9.43 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.15 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
1000			2	507	12.8	7.13		
			4	401	19.2	6.53		
	1003		6	405	20.5	6.99		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.42	6	1009

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	Turbidity	D.O

Static at Time Sampled	Total Gallons Purged	Time Sampled

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: AWK

Site: 5830 Project No.: 41030001 Date: 12-16-05

Well No.: MW-2 Purge Method: DIA

Depth to Water (feet): 7.52 Depth to Product (feet): 0

Total Depth (feet): 24.50 LPH & Water Recovered (gallons): 0

Water Column (feet): 16.98 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.91 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
0940			3	825	19.5	6.44		
			6	823	20.0	6.49		
	0943		9	830	20.6	6.49		

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.45	9	0948

Comments:

Well No.: MW-7 Purge Method: DIA

Depth to Water (feet): 8.78 Depth to Product (feet): 0

Total Depth (feet): 23.45 LPH & Water Recovered (gallons): 0

Water Column (feet): 14.67 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.71 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.
0955			2	720	18.8	6.48		
			4	726	19.7	6.41		
	0958		6	718	20.0	6.39		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.58	6	1008

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: AUX

Site: 5830 Project No.: 4103001 Date: 12-16-05

Well No.: MW-8 Purge Method: DIA

Depth to Water (feet): 6.80 Depth to Product (feet): a

Total Depth (feet): 19.73 LPH & Water Recovered (gallons): a

Water Column (feet): 12.93 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.38 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.
0854			2	1281	18.1	6.35		
			4	1295	18.9	6.40		
	0857		6	1276	19.8	6.36		

Static at Time Sampled		Total Gallons Purged	Time Sampled
7.20		6	0902

Comments:

Well No.: MW-9 Purge Method: DIA

Depth to Water (feet): 9.54 Depth to Product (feet): a

Total Depth (feet): 27.08 LPH & Water Recovered (gallons): a

Water Column (feet): 17.54 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 13.64 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0912			3	916	17.9	6.50		
			6	898	18.4	6.48		
	0917		9	910	19.9	6.45		

Static at Time Sampled		Total Gallons Purged	Time Sampled
10.57		9	0922

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: AUx

Site: 5830

Project No.: 41050001

Date: 12-16-05

Well No.: MW-10

Purge Method: DIA

Depth to Water (feet): 10.28

Depth to Product (feet): 0

Total Depth (feet): 27.68

LPH & Water Recovered (gallons): 0

Water Column (feet): 17.40

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 13.76

1 Well Volume (gallons): 6

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0827			3	1015	14.3	6.54		
			6	934	16.5	6.46		
	0831		9	885	18.0	6.42		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.07	9	0930

Comments:

Well No.: MW-11

Purge Method: DIA

Depth to Water (feet): 7.42

Depth to Product (feet): 0

Total Depth (feet): 46.20

LPH & Water Recovered (gallons): 0

Water Column (feet): 38.80

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 15.46

1 Well Volume (gallons): 6

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0840			6	821	18.8	6.51		
			12	886	19.1	6.50		
	0844		18	868	19.3	6.53		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.40	18	0848

Comments:

ANALYTICAL REPORT

Job Number: 720-1084-1

Job Description: Conoco Phillips #5830, Santa Rosa

For:

TRC Solutions
21 Technology Drive
Irvine, CA 92718

Attention: Ms. Anju Farfan

Dimple Sharma
Project Manager I
dsharma@stl-inc.com
01/12/2006

METHOD SUMMARY

Client: TRC Solutions

Job Number: 720-1084-1

Description	Lab Location	Method		Preparation Method	
Matrix: Water					
Volatile Organic Compounds by GC/MS	STL-SF	SW846	8260B		
Purge-and-Trap	STL-SF			SW846	5030B

LAB REFERENCES:

STL-SF = STL-San Francisco

METHOD REFERENCES:

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: TRC Solutions

Job Number: 720-1084-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled		Date/Time Received	
720-1084-1	MW-10	Water	12/16/2005	0930	12/16/2005	1729
720-1084-2	MW-11	Water	12/16/2005	0848	12/16/2005	1729
720-1084-3	MW-8	Water	12/16/2005	0902	12/16/2005	1729
720-1084-4	MW-9	Water	12/16/2005	0922	12/16/2005	1729
720-1084-5	MW-2	Water	12/16/2005	0948	12/16/2005	1729
720-1084-6	MW-7	Water	12/16/2005	1008	12/16/2005	1729
720-1084-7	MW-3	Water	12/16/2005	0840	12/16/2005	1729
720-1084-8	MW-1	Water	12/16/2005	0904	12/16/2005	1729
720-1084-9	MW-5	Water	12/16/2005	0927	12/16/2005	1729
720-1084-10	MW-4	Water	12/16/2005	0949	12/16/2005	1729
720-1084-11	MW-6	Water	12/16/2005	1009	12/16/2005	1729

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-10

Lab Sample ID: 720-1084-1
Client Matrix: Water

Date Sampled: 12/16/2005 0930
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/06/2006 2139
Date Prepared: 01/06/2006 2139

Analysis Batch: 720-4022

Instrument ID: Saturn 2100
Lab File ID: d:\data\200601\010606\720-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	92	77 - 121
1,2-Dichloroethane-d4	92	73 - 130

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-11

Lab Sample ID: 720-1084-2
Client Matrix: Water

Date Sampled: 12/16/2005 0848
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/06/2006 2205
Date Prepared: 01/06/2006 2205

Analysis Batch: 720-4022

Instrument ID: Saturn 2100
Lab File ID: d:\data\200601\010606\720-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	6.8		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	91	77 - 121
1,2-Dichloroethane-d4	89	73 - 130

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-8

Lab Sample ID: 720-1084-3
Client Matrix: Water

Date Sampled: 12/16/2005 0902
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/30/2005 2308
Date Prepared: 12/30/2005 2308

Analysis Batch: 720-3956

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\123005\720-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	92	73 - 130

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-9

Lab Sample ID: 720-1084-4
Client Matrix: Water

Date Sampled: 12/16/2005 0922
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/30/2005 2334
Date Prepared: 12/30/2005 2334

Analysis Batch: 720-3956

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\123005\720-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	103	77 - 121
1,2-Dichloroethane-d4	93	73 - 130

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-2

Lab Sample ID: 720-1084-5
Client Matrix: Water

Date Sampled: 12/16/2005 0948
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/31/2005 0000
Date Prepared: 12/31/2005 0000

Analysis Batch: 720-3956

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\123005\720-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	7.1		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	90	73 - 130

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-7

Lab Sample ID: 720-1084-6
Client Matrix: Water

Date Sampled: 12/16/2005 1008
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/31/2005 0027
Date Prepared: 12/31/2005 0027

Analysis Batch: 720-3956

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\123005\720-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	30		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	8.6		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	89	73 - 130

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-3

Lab Sample ID: 720-1084-7
Client Matrix: Water

Date Sampled: 12/16/2005 0840
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 01/03/2006 1542
Date Prepared: 01/03/2006 1542

Analysis Batch: 720-3902

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	89	77 - 121
1,2-Dichloroethane-d4	103	73 - 130

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-1

Lab Sample ID: 720-1084-8
Client Matrix: Water

Date Sampled: 12/16/2005 0904
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/30/2005 1940
Date Prepared: 12/30/2005 1940

Analysis Batch: 720-3896

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200512\12
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	0.54		0.50
Toluene	0.50		0.50
Xylenes, Total	1.0		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	89	73 - 130

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-5

Lab Sample ID: 720-1084-9
Client Matrix: Water

Date Sampled: 12/16/2005 0927
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/30/2005 2007
Date Prepared: 12/30/2005 2007

Analysis Batch: 720-3896

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200512\12
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	97	77 - 121
1,2-Dichloroethane-d4	93	73 - 130

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-4

Lab Sample ID: 720-1084-10
Client Matrix: Water

Date Sampled: 12/16/2005 0949
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/30/2005 2035
Date Prepared: 12/30/2005 2035

Analysis Batch: 720-3896

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200512\12
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	0.51		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	97	77 - 121
1,2-Dichloroethane-d4	97	73 - 130

Client: TRC Solutions

Job Number: 720-1084-1

Client Sample ID: MW-6

Lab Sample ID: 720-1084-11
Client Matrix: Water

Date Sampled: 12/16/2005 1009
Date Received: 12/16/2005 1729

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 12/31/2005 0053
Date Prepared: 12/31/2005 0053

Analysis Batch: 720-3956

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\123005\720-
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	1.1		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8	99	77 - 121
1,2-Dichloroethane-d4	88	73 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Client: TRC Solutions

Job Number: 720-1084-1

QC Association Summary

Lab Sample ID	Client Sample ID	Client Matrix	Method	Prep Batch
GC/MS VOA				
Analysis Batch:720-3896				
LCS 720-3896/6	Lab Control Spike	Water	8260B	
LCSD 720-3896/5	Lab Control Spike Duplicate	Water	8260B	
MB 720-3896/7	Method Blank	Water	8260B	
720-1084-8	MW-1	Water	8260B	
720-1084-9	MW-5	Water	8260B	
720-1084-10	MW-4	Water	8260B	
Analysis Batch:720-3902				
LCS 720-3902/6	Lab Control Spike	Water	8260B	
LCSD 720-3902/5	Lab Control Spike Duplicate	Water	8260B	
MB 720-3902/7	Method Blank	Water	8260B	
720-1084-7	MW-3	Water	8260B	
Analysis Batch:720-3956				
LCS 720-3956/21	Lab Control Spike	Water	8260B	
MB 720-3956/23	Method Blank	Water	8260B	
720-1084-3	MW-8	Water	8260B	
720-1084-4	MW-9	Water	8260B	
720-1084-5	MW-2	Water	8260B	
720-1084-6	MW-7	Water	8260B	
720-1084-11	MW-6	Water	8260B	
720-1105-A-6 MS	Matrix Spike	Water	8260B	
720-1105-A-6 MSD	Matrix Spike Duplicate	Water	8260B	
Analysis Batch:720-4022				
LCS 720-4022/15	Lab Control Spike	Water	8260B	
LCSD 720-4022/10	Lab Control Spike Duplicate	Water	8260B	
MB 720-4022/11	Method Blank	Water	8260B	
720-1084-1	MW-10	Water	8260B	
720-1084-2	MW-11	Water	8260B	

Client: TRC Solutions

Job Number: 720-1084-1

Method Blank - Batch: 720-3896

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3896/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2005 1541
Date Prepared: 12/30/2005 1541

Analysis Batch: 720-3896
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200512\1:
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	95	77 - 121
1,2-Dichloroethane-d4	88	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-1084-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-3896

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-3896/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2005 1027
Date Prepared: 12/30/2005 1027

Analysis Batch: 720-3896
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200512\1:
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-3896/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2005 1055
Date Prepared: 12/30/2005 1055

Analysis Batch: 720-3896
Prep Batch: N/A
Units: ug/L

Instrument ID: Varian 3900C
Lab File ID: c:\saturnws\data\200512\123
Initial Weight/Volume: 40 mL
Final Weight/Volume: 40 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	106	101	69 - 129	5	25		
MTBE	105	101	65 - 165	4	25		
Toluene	116	108	70 - 130	7	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	101	93	77 - 121
1,2-Dichloroethane-d4	88	89	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-1084-1

Method Blank - Batch: 720-3902

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-3902/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/03/2006 0957
Date Prepared: 01/03/2006 0957

Analysis Batch: 720-3902
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200601\0'
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
Gasoline Range Organics (GRO)-C6-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	91	77 - 121
1,2-Dichloroethane-d4	106	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-1084-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-3902

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-3902/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/03/2006 0905
Date Prepared: 01/03/2006 0905

Analysis Batch: 720-3902
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200601\0
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-3902/5
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/03/2006 0931
Date Prepared: 01/03/2006 0931

Analysis Batch: 720-3902
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 3900B
Lab File ID: c:\saturnws\data\200601\01
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec LCS	% Rec LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	105	106	69 - 129	2	25		
MTBE	97	101	65 - 165	5	25		
Toluene	108	108	70 - 130	1	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	90	90	77 - 121
1,2-Dichloroethane-d4	94	94	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-1084-1

Method Blank - Batch: 720-3956

Method: 8260B
Preparation: 5030B

Lab Sample ID:MB 720-3956/23
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2005 1957
Date Prepared: 12/30/2005 1957

Analysis Batch: 720-3956
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\123005\mb
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	101	77 - 121
1,2-Dichloroethane-d4	89	73 - 130

Laboratory Control Sample - Batch: 720-3956

Method: 8260B
Preparation: 5030B

Lab Sample ID:LCS 720-3956/21
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/30/2005 1931
Date Prepared: 12/30/2005 1931

Analysis Batch: 720-3956
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\123005\ls-v
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	25.0	24	95	69 - 129	
MTBE	25.0	25	100	65 - 165	
Toluene	25.0	26	103	70 - 130	

Surrogate	% Rec	Acceptance Limits
Toluene-d8	99	77 - 121
1,2-Dichloroethane-d4	83	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-1084-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 720-3956

Method: 8260B
Preparation: 5030B

MS Lab Sample ID: 720-1105-A-6 MS
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2005 0120
Date Prepared: 12/31/2005 0120

Analysis Batch: 720-3956
Prep Batch: N/A

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\123005\7:
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-1105-A-6 MSD
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 12/31/2005 0146
Date Prepared: 12/31/2005 0146

Analysis Batch: 720-3956
Prep Batch: N/A

Instrument ID: Saturn 2100
Lab File ID: d:\data\200512\123005\72(
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzene	70	80	69 - 129	13	20		
MTBE	93	88	65 - 165	6	20		
Toluene	90	96	70 - 130	6	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Toluene-d8	101	105	77 - 121
1,2-Dichloroethane-d4	93	87	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-1084-1

Method Blank - Batch: 720-4022

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 720-4022/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2006 1923
Date Prepared: 01/06/2006 1923

Analysis Batch: 720-4022
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: d:\data\200601\010606\mb
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
1,2-Dichloroethane	ND		0.50
Benzene	ND		0.50
Ethanol	ND		100
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
EDB	ND		0.50
Gasoline Range Organics (GRO)-C6-C12	ND		50
Ethyl tert-butyl ether	ND		0.50

Surrogate	% Rec	Acceptance Limits
Toluene-d8	99	77 - 121
1,2-Dichloroethane-d4	85	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: TRC Solutions

Job Number: 720-1084-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 720-4022

Method: 8260B
Preparation: 5030B

LCS Lab Sample ID: LCS 720-4022/15
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2006 1831
Date Prepared: 01/06/2006 1831

Analysis Batch: 720-4022
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: d:\data\200601\010606\ls-v
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-4022/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 01/06/2006 1857
Date Prepared: 01/06/2006 1857

Analysis Batch: 720-4022
Prep Batch: N/A
Units: ug/L

Instrument ID: Saturn 2100
Lab File ID: d:\data\200601\010606\ld-wa
Initial Weight/Volume: 10 mL
Final Weight/Volume: 10 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Benzene	94	94	69 - 129	0	25		
MTBE	93	96	65 - 165	3	25		
Toluene	91	90	70 - 130	1	25		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8	98	100	77 - 121
1,2-Dichloroethane-d4	88	86	73 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

114512

ConocoPhillips Chain Of Custody Record

STL-San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: 720-1084

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA 92704

ConocoPhillips Work Order Number: 1478TRC501

ConocoPhillips Cost Object:

DATE: 12-16-05

PAGE: 1 of 2

SAMPLING COMPANY: TRC	Valid Value ID:
CONOCOPHILLIPS SITE NUMBER: 5830	GLOBAL ID NO.: T0609760606
ADDRESS: 21 Technology Drive, Irvine CA 92618	SITE ADDRESS (Street and City): 2799 YULUPA AVE, SANTA ROSA
CONOCOPHILLIPS SITE MANAGER: THOMAS KOSEL	PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan
EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com	PHONE NO.: 949-341-7408
E-MAIL:	LAB USE ONLY
TELEPHONE: 949-341-7440	FAX: 949-753-0111
E-MAIL: afarfan@trcsolutions.com	SAMPLER NAME(S) (Print):
CONSULTANT PROJECT NUMBER: 41050001/FA20	

TURNAROUND TIME (CALENDAR DAYS): ☒ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☒

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	TPH by 8240	BTEX/MTBE by 8260	8 Oxys by 8260						3 VOAs w/HCL	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
1	MW-10	12-16	0930	GW	3									X	X	X						X	
2	MW-11		0948													X							
3	MW-8		0902													X							
4	MW-9		0922													X							
5	MW-2		0948													X							
6	MW-7		1008													X							
7	MW-3		0840																				
8	MW-1		0904																				
9	MW-5		0927																				
10	MW-4		0949																				

TEMPERATURE ON RECEIPT C°: 2

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
NICK HARPER	REFRIGERATOR	12-16-05	1300
[signature]	[signature]	12-16-05	1730

SI 19933 Revision

ConocoPhillips Chain Of Custody Record

114512

STL-San Francisco
1220 Quarry Lane
Pleasanton, CA 94566
(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: 720-1084

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips Work Order Number: 1478TR0501

ConocoPhillips Cost Object:

DATE: 12-16-05

PAGE: 2 of 2

SAMPLING COMPANY: TRC	Valid Value ID:
CONOCOPHILLIPS SITE NUMBER: 5830	GLOBAL ID NO.: T0609700606
ADDRESS: 21 Technology Drive, Irvine CA 92618	SITE ADDRESS (Street and City): 2999 YULPA AVE, SANTA ROSA
CONOCOPHILLIPS SITE MANAGER: THOMAS KOSEL	PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan
EDF DELIVERABLE TO (PP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com	PHONE NO.: 949-341-7408
E-MAIL:	LAB USE ONLY
TELEPHONE: 949-341-7440	FAX: 949-753-0111
E-MAIL: afarfan@trcsolutions.com	SAMPLER NAME(S) (Print):
CONSULTANT PROJECT NUMBER: 41050001/FA20	

TURNAROUND TIME (CALENDAR DAYS): ☒ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☒

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REQUESTED ANALYSES

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11	MW-6	12-16	1009	GW	3									X	X	X							X	3 VOAs w/HCL

TEMPERATURE ON RECEIPT: 2

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Nick Ivanoff	REFRIGERATOR	12-16-05	1300
[illegible]	[illegible]	12-16-05	1730

8/19/03 Revision

LOGIN SAMPLE RECEIPT CHECK LIST

Client: TRC Solutions

Job Number: 720-1084-1

Login Number: 1084

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present.	NA	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present	True	
Samples do not require splitting or compositing	True	

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulate d 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 suspected o f containing potentially hazardous material, such as liquid -phase hydrocarbons, was accumulated separately in a drum 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.