TRC

July 7, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: CIRCLE K STORE 05426
8510 GRAVENSTEIN HIGHWAY
COTATI, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2006

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for Circle K Store 05426, located at 8510 Gravenstein Highway, Cotati, 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. Sean Coyle, SECOR International, Inc. (3 copies)

Enclosures
20-0400/05426R11.QMS

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www.trcsolutions.com

TRC

QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2006

CIRCLE K STORE 05426
8510 Gravenstein Highway
Cotati, California

Prepared For:

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

By:

Senior Project Geologist, Irvine Operations

July 7, 2006

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Statement	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2006 through June 2006
Circle K Store 05426
8510 Gravenstein Highway
Cotati, CA

Project Coordinator: **Thomas H. Kosel**
Telephone: **916-588-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Allan Ramirez**
Date(s) of Gauging/Sampling Event: **05/15/06**

Sample Points

Groundwater wells: **5** onsite, **1** offsite Wells gauged: **6** Wells sampled: **6**
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: **6.89 feet** Maximum: **9.23 feet**
Average groundwater elevation (relative to available local datum): **94.86 feet**
Average change in groundwater elevation since previous event: **-0.52 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.014 ft/ft, northeast**
Previous event: ***see notes (02/15/06)**

Selected Laboratory Results

Wells with detected **Benzene:** **2** Wells above MCL (1.0 µg/l): **2**
Maximum reported benzene concentration: **230 µg/l (MW-2)**

Wells with **TPH-G by GC/MS** **4** Maximum: **2,300 µg/l (MW-7)**
Wells with **MTBE** **5** Maximum: **64 µg/l (MW-7)**

Notes:

* Previous groundwater gradient was 0.01 ft/ft northeast to northwest.

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
ug/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for Circle K Store 05426 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables
Site: Circle K Store 05426

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments

Table 1a	Well/ Date	TPH-D

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments

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

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 15, 2006
Circle K Store 05426

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-2														
05/15/06	102.98	9.02	0.00	93.96	-0.49	--	1300	230	ND<5.0	15	26	--	11	
MW-6														
05/15/06	104.25	8.79	0.00	95.46	-1.39	--	74	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
MW-7														
05/15/06	103.82	8.67	0.00	95.15	-0.76	--	2300	27	ND<0.50	70	22	--	64	
MW-8														
05/15/06	103.20	9.23	0.00	93.97	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	46	
MW-9														
05/15/06	102.64	6.89	0.00	95.75	0.53	--	500	ND<0.50	ND<0.50	2.0	1.1	--	7.5	
OW														
P 05/15/06	103.78	7.49	0.00	96.29	0.54	--	71	ND<0.50	2.1	ND<0.50	ND<1.0	--	2.3	Pre-purge

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D (µg/l)
MW-2	
05/15/06	360
MW-6	
05/15/06	ND<200
MW-7	
05/15/06	570
MW-8	
05/15/06	ND<200
MW-9	
05/15/06	ND<200
OW	
P 05/15/06	7300

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through May 2006
Circle K Store 05426

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2														
10/07/91	--	--	--	--	--	--	--	60	70	18	110	--	--	
09/01/93	--	--	--	--	--	270	--	65	22	13	40	--	--	
12/30/95	--	--	--	--	--	1300	--	450	6	20	25	--	--	
01/29/96	102.99	5.50	--	97.49	--	--	--	--	--	--	--	--	--	
12/18/96	102.99	8.01	--	94.98	-2.51	1700	--	410	48	73	180	25	--	
04/17/97	102.99	12.78	--	90.21	-4.77	2100	--	400	34	95	180	ND	--	
06/20/97	102.98	9.88	--	93.10	2.89	2300	--	550	9	82	110	ND	--	
09/03/97	102.98	10.92	--	92.06	-1.04	1500	--	490	17	64	100	42	--	
10/01/97	102.98	11.21	--	91.77	-0.29	--	--	--	--	--	--	--	--	
12/02/97	102.98	8.11	--	94.87	3.10	2900	--	1100	41	150	270	ND	--	
09/02/98	102.98	9.65	--	93.33	-1.54	1100	--	260	15.3	37.4	86.2	26.8	--	
02/04/99	102.98	6.89	--	96.09	2.76	800	--	150	ND	48	25	130	--	
05/04/99	102.98	7.14	--	95.84	-0.25	1200	--	140	ND	20	14	220	--	
08/05/99	102.98	10.52	--	92.46	-3.38	720	--	160	ND	28	52	96	--	
11/18/99	102.98	10.91	--	92.07	-0.39	990	--	330	9.9	46	100	33	--	
02/18/00	102.98	7.48	--	95.50	3.43	850	--	150	2	11	17	25	--	
05/18/00	102.98	9.66	--	93.32	-2.18	ND	--	ND	ND	ND	ND	ND	--	
08/17/00	102.98	11.58	--	91.40	-1.92	4370	--	2000	ND	ND	32.2	ND	--	
11/14/00	102.98	11.90	--	91.08	-0.32	2100	--	1100	9.1	67	100	46	--	
02/20/01	102.98	9.25	0.00	93.73	2.65	ND	--	ND	ND	ND	ND	ND	--	
05/04/01	102.98	10.58	0.00	92.40	-1.33	1100	--	630	3.5	20	27	38	--	
08/20/01	102.98	12.25	0.00	90.73	-1.67	4100	--	2000	ND<20	28	47	ND<100	--	
11/19/01	102.98	11.25	0.00	91.73	1.00	2400	--	890	ND<10	21	23	ND<100	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through May 2006
Circle K Store 05426

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
02/19/02	102.98	9.61	0.00	93.37	1.64	160	--	31	ND<0.50	1.5	1.2	7.1	--	
05/23/02	102.98	10.67	--	92.31	-1.06	2700	--	970	ND<10	34	33	ND<100	--	
08/21/02	102.98	12.17	--	90.81	-1.50	3000	--	1400	13	18	57	89	--	
11/19/02	102.98	11.28	--	91.70	0.89	490	--	77	ND<5.0	ND<5.0	ND<5.0	13	--	
02/12/03	102.98	9.32	--	93.66	1.96	54	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.5	--	
05/14/03	102.98	9.28	--	93.70	0.04	ND<50	--	0.98	ND<0.50	ND<0.50	ND<0.50	10	--	
08/13/03	102.98	11.58	0.00	91.40	-2.30	--	680	160	4.1	5.7	19	--	30	
11/13/03	102.98	12.10	0.00	90.88	-0.52	--	1100	160	ND<2.5	3.0	ND<5.0	--	420	
02/12/04	102.98	9.64	0.00	93.34	2.46	--	860	280	ND<2.5	9.8	33	--	220	
05/14/04	102.98	10.93	0.00	92.05	-1.29	--	1700	350	3.3	7.9	47	--	390	
08/17/04	102.98	11.89	0.00	91.09	-0.96	--	710	77	1.3	3.5	6.4	--	88	
11/12/04	102.98	10.72	0.00	92.26	1.17	--	1100	200	1.5	14	27	--	92	
02/07/05	102.98	9.36	0.00	93.62	1.36	--	2500	390	4.3	17	100	--	65	
05/10/05	102.98	9.13	0.00	93.85	0.23	--	1600	320	3.7	9.4	32	--	38	
08/22/05	102.98	10.85	0.00	92.13	-1.72	--	1400	190	2.5	2.9	7.0	--	23	
11/09/05	102.98	10.45	0.00	92.53	0.40	--	840	69	0.91	1.2	1.5	--	14	
02/15/06	102.98	8.53	0.00	94.45	1.92	--	1500	180	3.8	16	54	--	14	
05/15/06	102.98	9.02	0.00	93.96	-0.49	--	1300	230	ND<5.0	15	26	--	11	
MW-6														
01/29/96	104.26	6.74	--	97.52	--	300	--	ND	ND	ND	0.6	ND	--	
12/18/96	104.26	8.91	0.00	95.35	-2.17	290	--	9	0.53	ND	ND	46	--	
04/17/97	104.25	9.11	0.00	95.14	-0.21	340	--	ND	ND	ND	ND	4	--	
06/20/97	104.25	10.89	--	93.36	-1.78	230	--	ND	ND	ND	ND	14	--	
09/03/97	104.25	12.27	--	91.98	-1.38	170	--	3.4	ND	ND	ND	13	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through May 2006
Circle K Store 05426

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued														
10/01/97	104.25	12.64	--	91.61	-0.37	--	--	--	--	--	--	--	--	
12/02/97	104.25	8.84	--	95.41	3.80	230	--	5.5	0.96	ND	ND	160	--	
09/02/98	104.25	10.87	--	93.38	-2.03	375	--	ND	ND	ND	ND	32.4	--	
02/04/99	104.25	7.88	--	96.37	2.99	220	--	3	0.52	ND	ND	83	--	
05/04/99	104.25	7.96	--	96.29	-0.08	180	--	3.4	0.78	ND	2.6	53	--	
08/05/99	104.25	11.47	--	92.78	-3.51	61	--	5.2	0.77	ND	1.7	29	--	
11/18/99	104.25	12.40	--	91.85	-0.93	350	--	7.2	0.54	ND	ND	28	--	
02/18/00	104.25	7.57	--	96.68	4.83	110	--	6.8	ND	ND	ND	29	--	
05/18/00	104.25	10.35	--	93.90	-2.78	136	--	ND	ND	ND	ND	9.35	--	
08/17/00	104.25	12.51	--	91.74	-2.16	ND	--	ND	ND	ND	ND	10.3	--	
11/14/00	104.25	12.96	--	91.29	-0.45	210	--	3.4	ND	ND	0.61	91	--	
02/20/01	104.25	9.11	0.00	95.14	3.85	237	--	1.49	ND	ND	ND	24.9	--	
05/04/01	104.25	11.34	0.00	92.91	-2.23	210	--	18	ND	ND	0.75	24	--	
08/20/01	104.25	12.38	0.00	91.87	-1.04	87	--	1.0	0.57	ND<0.50	2.0	19	--	
11/19/01	104.25	11.88	0.00	92.37	0.50	87	--	10	ND<0.50	ND<0.50	ND<0.50	21	--	
02/19/02	104.25	9.81	0.00	94.44	2.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
05/23/02	104.25	11.31	--	92.94	-1.50	ND<50	--	0.62	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/21/02	104.25	13.39	--	90.86	-2.08	ND<50	--	5.7	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/19/02	104.25	11.67	--	92.58	1.72	ND<1000	--	ND<10	ND<10	ND<10	ND<10	15	--	
02/12/03	104.25	9.81	--	94.44	1.86	80	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.6	--	
05/14/03	104.25	9.37	--	94.88	0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
08/13/03	104.25	12.51	0.00	91.74	-3.14	--	91	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.9	
11/13/03	104.25	13.34	0.00	90.91	-0.83	--	270	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	68	
02/12/04	104.25	10.07	0.00	94.18	3.27	--	170	0.53	2.8	0.73	3.9	--	26	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through May 2006
Circle K Store 05426

	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued															
	05/14/04	104.25	11.62	0.00	92.63	-1.55	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	16	
	08/17/04	104.25	12.88	0.00	91.37	-1.26	--	150	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
	11/12/04	104.25	10.98	0.00	93.27	1.90	--	380	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	54	
	02/07/05	104.25	9.60	0.00	94.65	1.38	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	27	
	05/10/05	104.25	9.29	0.00	94.96	0.31	--	290	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	29	
	08/22/05	104.25	11.45	0.00	92.80	-2.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
	11/09/05	104.25	10.52	0.00	93.73	0.93	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	24	
	02/15/06	104.25	7.40	0.00	96.85	3.12	--	92	0.53	ND<0.50	ND<0.50	1.9	--	14	
	05/15/06	104.25	8.79	0.00	95.46	-1.39	--	74	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
MW-7															
	01/29/96	103.83	6.71	--	97.12	--	8900	--	1800	ND	700	450	1300	--	
	12/18/96	103.83	8.88	--	94.95	-2.17	8900	--	1800	22	370	240	6400	--	
	04/17/97	103.83	9.06	0.00	94.77	-0.18	ND	--	1700	ND	590	570	25000	29000	
D	04/17/97	103.83	9.06	0.00	94.77	-0.18	ND	--	1800	ND	640	610	28000	--	
	06/20/97	103.82	10.56	--	93.26	-1.51	14000	--	2400	ND	440	440	25000	--	
D	06/20/97	103.82	10.56	--	93.26	-1.51	ND	--	2500	ND	490	490	23000	--	
	09/03/97	103.82	11.68	--	92.14	-1.12	12000	--	4000	ND	510	260	12000	--	
	10/01/97	103.82	11.96	--	91.86	-0.28	--	--	--	--	--	--	--	--	
	12/02/97	103.82	8.82	--	95.00	3.14	8900	--	2500	ND	500	320	14000	--	
	09/02/98	103.82	10.41	--	93.41	-1.59	ND	--	ND	ND	ND	ND	ND	--	
	02/04/99	103.82	7.86	--	95.96	2.55	13000	--	1500	190	710	660	28000	--	
	05/04/99	103.82	8.28	--	95.54	-0.42	14000	--	1600	ND	1000	1200	22000	--	
	08/05/99	103.82	11.16	--	92.66	-2.88	7800	--	1200	ND	720	610	14000	--	
	11/18/99	103.82	11.72	--	92.10	-0.56	8300	--	1400	ND	570	390	12000	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through May 2006
Circle K Store 05426

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
02/18/00	103.82	7.68	--	96.14	4.04	7200	--	890	ND	680	590	10000	--	
05/18/00	103.82	10.13	--	93.69	-2.45	5250	--	386	ND	436	239	4710	3950	
08/17/00	103.82	12.07	--	91.75	-1.94	4290	--	309	ND	124	38	3050	--	
11/14/00	103.82	12.59	--	91.23	-0.52	6500	--	690	ND	550	210	3500	--	
02/20/01	103.82	9.64	0.00	94.18	2.95	5760	--	350	ND	190	74	3410	--	
05/04/01	103.82	10.93	0.00	92.89	-1.29	4700	--	420	34	510	310	3000	--	
08/20/01	103.82	12.74	0.00	91.08	-1.81	4500	--	320	ND<5.0	70	31	2400	--	
11/19/01	103.82	11.66	0.00	92.16	1.08	4700	--	360	ND<5.0	120	43	2800	--	
02/19/02	103.82	9.51	0.00	94.31	2.15	4700	--	220	ND<5.0	320	170	1600	--	
05/23/02	103.82	10.74	--	93.08	-1.23	3000	--	140	ND<5.0	37	9.7	1000	--	
08/21/02	103.82	12.82	--	91.00	-2.08	3100	--	260	ND<10	210	65	950	--	
11/19/02	103.82	11.15	--	92.67	1.67	4700	--	93	ND<50	89	41	2100	--	
02/12/03	103.82	9.11	--	94.71	2.04	5500	--	170	ND<50	280	160	2900	--	
05/14/03	103.82	9.03	--	94.79	0.08	3600	--	98	ND<5.0	76	26	610	--	
08/13/03	103.82	12.05	0.00	91.77	-3.02	--	3300	72	ND<10	17	ND<20	--	970	
11/13/03	103.82	12.50	0.00	91.32	-0.45	--	4200	140	ND<5.0	84	23	--	550	
02/12/04	103.82	10.26	0.00	93.56	2.24	--	4500	89	ND<5.0	200	70	--	580	
05/14/04	103.82	11.12	0.00	92.70	-0.86	--	5800	77	ND<5.0	90	24	--	700	
08/17/04	103.82	12.39	0.00	91.43	-1.27	--	3200	49	ND<1.0	17	4.8	--	220	
11/12/04	103.82	10.86	0.00	92.96	1.53	--	4000	46	ND<1.0	71	25	--	300	
02/07/05	103.82	9.99	0.00	93.83	0.87	--	4700	57	ND<0.50	63	31	--	250	
05/10/05	103.82	9.82	0.00	94.00	0.17	--	5200	44	ND<0.50	64	25	--	220	
08/22/05	103.82	10.94	0.00	92.88	-1.12	--	3500	36	ND<0.50	13	3.4	--	230	
11/09/05	103.82	10.60	0.00	93.22	0.34	--	3500	26	ND<2.5	26	8.7	--	140	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through May 2006
Circle K Store 05426

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued														
02/15/06	103.82	7.91	0.00	95.91	2.69	--	5400	59	ND<0.50	160	60	--	180	
05/15/06	103.82	8.67	0.00	95.15	-0.76	--	2300	27	ND<0.50	70	22	--	64	
MW-8														
01/29/96	103.21	5.59	--	97.62	--	ND	--	ND	ND	ND	ND	ND	--	
12/18/96	103.21	8.05	--	95.16	-2.46	ND	--	ND	ND	ND	ND	ND	--	
04/17/97	103.21	8.81	0.00	94.40	-0.76	ND	--	ND	ND	ND	ND	6	--	
06/20/97	103.20	10.03	--	93.17	-1.23	ND	--	ND	ND	ND	ND	6	--	
09/03/97	103.20	11.18	--	92.02	-1.15	ND	--	ND	ND	ND	ND	13	--	
10/01/97	103.20	11.50	--	91.70	-0.32	--	--	--	--	--	--	--	--	
12/02/97	103.20	8.11	--	95.09	3.39	ND	--	ND	ND	ND	ND	13	--	
09/02/98	103.20	9.86	--	93.34	-1.75	ND	--	ND	ND	ND	ND	1220	--	
02/04/99	103.20	6.82	--	96.38	3.04	ND	--	9.6	ND	ND	ND	1100	--	
05/04/99	103.20	7.08	--	96.12	-0.26	ND	--	ND	ND	ND	ND	1000	--	
08/05/99	103.20	10.64	--	92.56	-3.56	ND	--	ND	ND	ND	ND	790	--	
11/18/99	103.20	11.13	--	92.07	-0.49	ND	--	ND	ND	ND	ND	870	--	
02/18/00	103.20	7.60	--	95.60	3.53	ND	--	ND	ND	ND	ND	580	--	
05/18/00	103.20	9.85	--	93.35	-2.25	ND	--	ND	ND	ND	ND	604	--	
08/17/00	103.20	11.80	--	91.40	-1.95	ND	--	ND	ND	ND	ND	517	--	
11/14/00	103.20	12.06	--	91.14	-0.26	ND	--	ND	ND	ND	ND	360	--	
02/20/01	103.20	9.35	0.00	93.85	2.71	ND	--	ND	ND	ND	ND	264	--	
05/04/01	103.20	10.80	--	92.40	-1.45	ND	--	ND	ND	ND	ND	380	--	
08/20/01	103.20	12.46	0.00	90.74	-1.66	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	230	--	
11/19/01	103.20	11.45	0.00	91.75	1.01	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	200	--	
02/19/02	103.20	9.68	0.00	93.52	1.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	130	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
October 1991 Through May 2006
Circle K Store 05426

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued														
05/23/02	103.20	10.85	--	92.35	-1.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	130	--	
08/21/02	103.20	12.38	--	90.82	-1.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	130	--	
11/19/02	103.20	11.66	--	91.54	0.72	110	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	130	--	
02/12/03	103.20	9.67	--	93.53	1.99	68	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	140	--	
05/14/03	103.20	9.41	--	93.79	0.26	52	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	68	--	
08/13/03	103.20	11.26	0.00	91.94	-1.85	--	83	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/13/03	103.20	12.38	0.00	90.82	-1.12	--	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
02/12/04	103.20	9.74	0.00	93.46	2.64	--	53	ND<0.50	1.0	ND<0.50	1.7	--	82	
05/14/04	103.20	11.12	0.00	92.08	-1.38	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	99	
08/17/04	103.20	12.21	0.00	90.99	-1.09	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
11/12/04	103.20	10.94	0.00	92.26	1.27	--	95	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	110	
02/07/05	103.20	9.44	0.00	93.76	1.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	85	
05/10/05	103.20	--	--	--	--	--	--	--	--	--	--	--	--	Obstruction in well
08/22/05	103.20	11.50	0.00	91.70	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	60	
11/09/05	103.20	10.64	0.00	92.56	0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	51	
02/15/06	103.20	8.73	0.00	94.47	1.91	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	49	
05/15/06	103.20	9.23	0.00	93.97	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	46	
MW-9														
06/20/97	102.64	9.80	--	92.84	--	5300	--	32	ND	370	210	380	--	
09/03/97	102.64	--	--	--	--	--	--	--	--	--	--	--	--	
10/01/97	102.64	11.30	--	91.34	--	5200	--	77	41	730	130	390	--	
12/02/97	102.64	8.04	--	94.60	3.26	1700	--	53	ND	110	42	450	--	
09/02/98	102.64	9.38	--	93.26	-1.34	1820	--	ND	ND	ND	ND	5900	--	
02/04/99	102.64	7.73	--	94.91	1.65	1800	--	20	ND	58	40	5700	--	

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October 1991 Through May 2006
Circle K Store 05426

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-9 continued														
05/04/99	102.64	7.32	--	95.32	0.41	870	--	15	0.8	36	25	6200	--	
08/05/99	102.64	10.01	--	92.63	-2.69	ND	--	13	ND	27	25	5900	--	
11/18/99	102.64	10.72	--	91.92	-0.71	ND	--	61	ND	ND	18	6400	--	
02/18/00	102.64	6.54	--	96.10	4.18	820	--	29	1.1	39	29	9900	--	
05/18/00	102.64	8.46	--	94.18	-1.92	541	--	ND	ND	11.8	ND	7200	--	
08/17/00	102.64	10.70	--	91.94	-2.24	511	--	27.9	ND	ND	ND	4790	--	
11/14/00	102.64	11.61	--	91.03	-0.91	ND	--	21	ND	ND	ND	6700	--	
02/20/01	102.64	8.30	0.00	94.34	3.31	1360	--	18.7	1.59	25.8	9.08	7150	--	
05/04/01	102.64	9.67	0.00	92.97	-1.37	770	--	35	5.5	27	42	3400	--	
08/20/01	102.64	11.61	0.00	91.03	-1.94	450	--	6.0	ND<2.5	ND<2.5	ND<2.5	3500	--	
11/19/01	102.64	10.68	0.00	91.96	0.93	1300	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	5300	--	
02/19/02	102.64	8.81	0.00	93.83	1.87	890	--	ND<5.0	ND<5.0	7.1	ND<5.0	2100	--	
05/23/02	102.64	9.65	--	92.99	-0.84	820	--	32	ND<2.0	4.7	ND<2.0	1200	--	
08/21/02	102.64	11.64	--	91.00	-1.99	290	--	4.4	ND<0.50	ND<0.50	ND<0.50	1100	1900	
11/19/02	102.64	9.65	--	92.99	1.99	2600	--	17	ND<50	ND<50	ND<50	1100	--	
02/12/03	102.64	8.77	--	93.87	0.88	1700	--	73	0.91	140	65	1100	--	
05/14/03	102.64	8.68	--	93.96	0.09	2500	--	66	ND<5.0	51	17	480	--	
08/13/03	102.64	11.63	0.00	91.01	-2.95	--	1400	50	ND<10	11	ND<20	--	660	
11/13/03	102.64	10.71	0.00	91.93	0.92	--	1800	ND<2.5	ND<2.5	9.5	8.3	--	330	
02/12/04	102.64	8.87	0.00	93.77	1.84	--	1400	0.51	3.0	8.6	7.5	--	46	
05/14/04	102.64	9.15	0.00	93.49	-0.28	--	1100	ND<0.50	ND<0.50	5.8	2.3	--	26	
08/17/04	102.64	10.44	0.00	92.20	-1.29	--	960	ND<0.50	ND<0.50	1.1	ND<1.0	--	24	
11/12/04	102.64	9.46	0.00	93.18	0.98	--	1600	ND<0.50	ND<0.50	2.9	ND<1.0	--	14	
02/07/05	102.64	8.12	0.00	94.52	1.34	--	1200	ND<0.50	ND<0.50	2.6	ND<1.0	--	7.0	

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October 1991 Through May 2006
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Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-9 continued														
05/10/05	102.64	7.67	0.00	94.97	0.45	--	1500	ND<0.50	ND<0.50	2.5	ND<1.0	--	6.8	
08/22/05	102.64	9.50	0.00	93.14	-1.83	--	850	ND<0.50	ND<0.50	0.63	ND<1.0	--	13	
11/09/05	102.64	8.75	0.00	93.89	0.75	--	890	ND<0.50	ND<0.50	1.4	ND<1.0	--	6.9	
02/15/06	102.64	7.42	0.00	95.22	1.33	--	860	ND<0.50	ND<0.50	2.0	ND<1.0	--	7.4	
05/15/06	102.64	6.89	0.00	95.75	0.53	--	500	ND<0.50	ND<0.50	2.0	1.1	--	7.5	
OW														
12/30/95	--	--	--	--	--	210	--	8	10	ND	4	--	--	
01/29/96	103.83	6.17	--	97.66	--	--	--	--	--	--	--	--	--	
12/18/96	103.83	8.38	--	95.45	-2.21	--	--	--	--	--	--	--	--	
04/17/97	103.83	--	--	--	--	--	--	--	--	--	--	--	--	
06/20/97	103.78	--	--	--	--	--	--	--	--	--	--	--	--	
09/03/97	103.78	11.55	--	92.23	--	ND	--	3.4	ND	ND	ND	5000	--	
10/01/97	103.78	11.83	--	91.95	-0.28	--	--	--	--	--	--	--	--	
12/02/97	103.78	7.30	--	96.48	4.53	ND	--	ND	ND	ND	ND	570	--	
09/02/98	103.78	9.48	--	94.30	-2.18	ND	--	ND	39	ND	ND	2200	--	
02/04/99	103.78	7.18	--	96.60	2.30	ND	--	ND	ND	ND	ND	320	--	
05/04/99	103.78	7.56	--	96.22	-0.38	ND	--	ND	3.1	ND	ND	200	--	
08/05/99	103.78	10.02	--	93.76	-2.46	ND	--	ND	14	ND	ND	610	--	
11/18/99	103.78	10.80	--	92.98	-0.78	ND	--	2.8	4.7	ND	ND	340	--	
02/18/00	103.78	5.68	--	98.10	5.12	ND	--	ND	ND	ND	ND	ND	--	
05/18/00	103.78	9.84	--	93.94	-4.16	164	--	ND	69.2	ND	ND	ND	--	
08/17/00	103.78	10.14	--	93.64	-0.30	374	--	ND	73.0	ND	ND	274	--	
11/14/00	103.78	11.26	--	92.52	-1.12	87	--	2.8	2	ND	1.3	1600	--	
02/20/01	103.78	7.76	0.00	96.02	3.50	ND	--	ND	ND	ND	ND	ND	--	

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OW continued															
	05/04/01	103.78	9.79	0.00	93.99	-2.03	ND	--	ND	2.3	ND	ND	440	--	
	08/20/01	103.78	10.03	0.00	93.75	-0.24	ND<50	--	ND<0.50	2.8	ND<0.50	ND<0.50	100	--	
	11/19/01	103.78	9.55	0.00	94.23	0.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
	02/19/02	103.78	7.43	0.00	96.35	2.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
	05/23/02	103.78	8.74	--	95.04	-1.31	ND<50	--	1.2	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
	08/21/02	103.78	12.82	--	90.96	-4.08	ND<50	--	ND<0.50	1.2	ND<0.50	ND<0.50	ND<2.5	--	
	11/19/02	103.78	11.39	--	92.39	1.43	ND<10000	--	ND<100	ND<100	ND<100	ND<100	ND<500	--	
	02/12/03	103.78	9.48	--	94.30	1.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
	05/14/03	103.78	9.34	--	94.44	0.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
	08/13/03	103.78	10.43	0.00	93.35	-1.09	--	82	0.71	ND<0.50	ND<0.50	ND<1.0	--	8.6	
	11/13/03	103.78	13.60	0.00	90.18	-3.17	--	3700	39	ND<25	ND<25	ND<50	--	5700	
	02/12/04	103.78	10.25	0.00	93.53	3.35	--	1000	57	26	17	33	--	440	
	05/14/04	103.78	10.90	0.00	92.88	-0.65	--	1100	48	3.4	8.9	34	--	180	
	08/17/04	103.78	12.55	0.00	91.23	-1.65	--	2900	350	100	16	220	--	140	
	11/12/04	103.78	9.65	0.00	94.13	2.90	--	290	0.86	ND<0.50	ND<0.50	2.3	--	ND<0.50	
	02/07/05	103.78	9.90	0.00	93.88	-0.25	--	1100	93	4.2	5.3	21	--	120	
	05/10/05	103.78	10.08	0.00	93.70	-0.18	--	960	63	0.92	1.6	10	--	76	
	08/22/05	103.78	11.05	0.00	92.73	-0.97	--	340	6.4	2.8	ND<0.50	ND<1.0	--	16	
	11/09/05	103.78	9.25	0.00	94.53	1.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
	02/15/06	103.78	8.03	0.00	95.75	1.22	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	
P	05/15/06	103.78	7.49	0.00	96.29	0.54	--	71	ND<0.50	2.1	ND<0.50	ND<1.0	--	2.3	Pre-purge

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TRPH	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (dissolved)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
MW-2														
12/30/95	300	--	--	--	--	--	--	--	700	ND	0.07	0.013	0.11	0.11
12/18/96	260	--	--	--	--	--	--	--	--	--	--	--	--	--
04/17/97	590	--	--	--	--	--	--	--	--	--	--	--	--	--
06/20/97	480	--	--	--	--	--	--	--	--	--	--	--	--	--
09/03/97	180	--	--	--	--	--	--	--	--	--	--	--	--	--
12/02/97	350	--	--	--	--	--	--	--	--	--	--	--	--	--
09/02/98	343	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	74	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/99	170	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/99	310	--	--	--	--	--	--	--	--	--	--	--	--	--
11/18/99	340	--	--	--	--	--	--	--	--	--	--	--	--	--
02/18/00	380	--	--	--	--	--	--	--	--	--	--	--	--	--
05/18/00	55.6	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/00	522	--	--	--	--	--	--	--	--	--	--	--	--	--
11/14/00	570	--	--	--	--	--	--	--	--	--	--	--	--	--
02/20/01	62.3	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/01	95	--	--	--	--	--	--	--	--	--	--	--	--	--
08/20/01	450	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/01	410	--	--	--	--	--	--	--	--	--	--	--	--	--
02/19/02	110	--	--	--	--	--	--	--	--	--	--	--	--	--
05/23/02	360	--	--	--	--	--	--	--	--	--	--	--	--	--
08/21/02	440	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/02	140	--	--	--	--	--	--	--	--	--	--	--	--	--
02/12/03	100	--	--	--	--	--	--	--	--	--	--	--	--	--
05/14/03	67	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/03	210	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TRPH	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (dissolved)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
MW-2 continued														
11/13/03	190	--	--	--	--	--	--	--	--	--	--	--	--	--
02/12/04	300	--	--	--	--	--	--	--	--	--	--	--	--	--
05/14/04	250	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/04	230	--	--	--	--	--	--	--	--	--	--	--	--	--
11/12/04	200	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/05	310	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/05	300	--	--	--	--	--	--	--	--	--	--	--	--	--
08/22/05	ND<200	--	--	--	--	--	--	--	--	--	--	--	--	--
11/09/05	200	--	--	--	--	--	--	--	--	--	--	--	--	--
02/15/06	230	--	--	--	--	--	--	--	--	--	--	--	--	--
05/15/06	360	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6														
01/29/96	69	--	--	--	--	--	--	--	800	ND	0.05	0.006	0.07	0.06
12/18/96	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
04/17/97	85	--	--	--	--	--	--	--	--	--	--	--	--	--
06/20/97	100	--	--	--	--	--	--	--	--	--	--	--	--	--
09/03/97	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
12/02/97	68	--	--	--	--	--	--	--	--	--	--	--	--	--
09/02/98	126	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/99	70	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/99	98	--	--	--	--	--	--	--	--	--	--	--	--	--
11/18/99	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/18/00	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/18/00	101	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/00	106	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TRPH	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (dissolved)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
MW-6 continued														
11/14/00	170	--	--	--	--	--	--	--	--	--	--	--	--	--
02/20/01	123	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/01	62	--	--	--	--	--	--	--	--	--	--	--	--	--
08/20/01	76	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/01	87	--	--	--	--	--	--	--	--	--	--	--	--	--
02/19/02	210	--	--	--	--	--	--	--	--	--	--	--	--	--
05/23/02	220	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/02	130	--	--	--	--	--	--	--	--	--	--	--	--	--
02/12/03	110	--	--	--	--	--	--	--	--	--	--	--	--	--
05/14/03	94	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/03	230	--	--	--	--	--	--	--	--	--	--	--	--	--
11/13/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
02/12/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
05/14/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
11/12/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/05	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/05	58	--	--	--	--	--	--	--	--	--	--	--	--	--
08/22/05	ND<200	--	--	--	--	--	--	--	--	--	--	--	--	--
11/09/05	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
02/15/06	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
05/15/06	ND<200	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7														
01/29/96	3200	--	--	--	--	--	--	--	4900	ND	0.03	0.004	ND	0.04
12/18/96	1000	--	--	--	--	--	--	--	--	--	--	--	--	--
04/17/97	3100	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Circle K Store 05426

	Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TRPH	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (dissolved)
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
D	**MW-7 continued**														
D	04/17/97	3100	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/20/97	1900	--	--	--	--	--	--	--	--	--	--	--	--	--
D	06/20/97	2100	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/03/97	970	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/02/97	1200	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/02/98	1490	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/04/99	1100	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/04/99	1700	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/05/99	2200	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/18/99	1700	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/18/00	1200	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/18/00	993	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--
	08/17/00	1080	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/14/00	2000	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/20/01	752	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/04/01	1100	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/20/01	480	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/01	420	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/19/02	700	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/23/02	530	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/21/02	1200	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/19/02	390	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/12/03	640	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/14/03	590	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/13/03	580	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/13/03	450	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TRPH	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (dissolved)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
MW-7 continued														
02/12/04	520	--	--	--	--	--	--	--	--	--	--	--	--	--
05/14/04	570	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/04	180	--	--	--	--	--	--	--	--	--	--	--	--	--
11/12/04	480	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/05	460	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/05	390	--	--	--	--	--	--	--	--	--	--	--	--	--
08/22/05	240	--	--	--	--	--	--	--	--	--	--	--	--	--
11/09/05	490	--	--	--	--	--	--	--	--	--	--	--	--	--
02/15/06	470	--	--	--	--	--	--	--	--	--	--	--	--	--
05/15/06	570	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8														
01/29/96	ND	--	--	--	--	--	--	--	600	ND	0.05	0.005	0.06	0.05
12/18/96	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
04/17/97	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
06/20/97	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
09/03/97	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
12/02/97	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
09/02/98	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/99	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/99	62	--	--	--	--	--	--	--	--	--	--	--	--	--
11/18/99	68	--	--	--	--	--	--	--	--	--	--	--	--	--
02/18/00	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/18/00	60	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/00	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
11/14/00	76	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TRPH	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (dissolved)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
MW-8 continued														
02/20/01	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/01	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
08/20/01	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/01	ND<51	--	--	--	--	--	--	--	--	--	--	--	--	--
02/19/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
05/23/02	59	--	--	--	--	--	--	--	--	--	--	--	--	--
08/21/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
02/12/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
05/14/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
11/13/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
02/12/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
05/14/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
11/12/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/05	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
08/22/05	ND<200	--	--	--	--	--	--	--	--	--	--	--	--	--
11/09/05	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
02/15/06	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
05/15/06	ND<200	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9														
06/20/97	700	--	--	--	--	--	--	--	--	--	--	--	--	--
10/01/97	1100	--	--	--	--	--	--	--	--	--	--	--	--	--
12/02/97	190	--	--	--	--	--	--	--	--	--	--	--	--	--
09/02/98	241	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TRPH	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (dissolved)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
MW-9 continued														
02/04/99	150	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/99	180	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/99	480	--	--	--	--	--	--	--	--	--	--	--	--	--
11/18/99	360	--	--	--	--	--	--	--	--	--	--	--	--	--
02/18/00	250	--	--	--	--	--	--	--	--	--	--	--	--	--
05/18/00	193	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/00	225	--	--	--	--	--	--	--	--	--	--	--	--	--
11/14/00	230	--	--	--	--	--	--	--	--	--	--	--	--	--
02/20/01	195	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/01	67	--	--	--	--	--	--	--	--	--	--	--	--	--
08/20/01	140	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/01	110	--	--	--	--	--	--	--	--	--	--	--	--	--
02/19/02	120	--	--	--	--	--	--	--	--	--	--	--	--	--
05/23/02	150	--	--	--	--	--	--	--	--	--	--	--	--	--
08/21/02	860	ND<100	ND<2500	ND<10	ND<10	ND<10	ND<10	16	--	--	--	--	--	--
11/19/02	120	--	--	--	--	--	--	--	--	--	--	--	--	--
02/12/03	430	--	--	--	--	--	--	--	--	--	--	--	--	--
05/14/03	400	--	--	--	--	--	--	--	--	--	--	--	--	--
08/13/03	180	--	--	--	--	--	--	--	--	--	--	--	--	--
11/13/03	81	--	--	--	--	--	--	--	--	--	--	--	--	--
02/12/04	150	--	--	--	--	--	--	--	--	--	--	--	--	--
05/14/04	99	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/04	55	--	--	--	--	--	--	--	--	--	--	--	--	--
11/12/04	61	--	--	--	--	--	--	--	--	--	--	--	--	--
02/07/05	73	--	--	--	--	--	--	--	--	--	--	--	--	--
05/10/05	94	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Circle K Store 05426

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TRPH	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (dissolved)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
MW-9 continued														
08/22/05	ND<200	--	--	--	--	--	--	--	--	--	--	--	--	--
11/09/05	52	--	--	--	--	--	--	--	--	--	--	--	--	--
02/15/06	57	--	--	--	--	--	--	--	--	--	--	--	--	--
05/15/06	ND<200	--	--	--	--	--	--	--	--	--	--	--	--	--
OW														
12/30/95	ND	--	--	--	--	--	--	--	5200	ND	0.01	0.01	ND	31
09/03/97	400	--	--	--	--	--	--	--	--	--	--	--	--	--
12/02/97	500	--	--	--	--	--	--	--	--	--	--	--	--	--
09/02/98	646	--	--	--	--	--	--	--	--	--	--	--	--	--
02/04/99	250	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/99	1800	--	--	--	--	--	--	--	--	--	--	--	--	--
08/05/99	2000	--	--	--	--	--	--	--	--	--	--	--	--	--
11/18/99	2200	--	--	--	--	--	--	--	--	--	--	--	--	--
02/18/00	840	--	--	--	--	--	--	--	--	--	--	--	--	--
05/18/00	1500	--	--	--	--	--	--	--	--	--	--	--	--	--
08/17/00	3170	--	--	--	--	--	--	--	--	--	--	--	--	--
11/14/00	610	--	--	--	--	--	--	--	--	--	--	--	--	--
02/20/01	444	--	--	--	--	--	--	--	--	--	--	--	--	--
05/04/01	410	--	--	--	--	--	--	--	--	--	--	--	--	--
08/20/01	1600	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/01	910	--	--	--	--	--	--	--	--	--	--	--	--	--
02/19/02	490	--	--	--	--	--	--	--	--	--	--	--	--	--
05/23/02	120	--	--	--	--	--	--	--	--	--	--	--	--	--
08/21/02	1400	--	--	--	--	--	--	--	--	--	--	--	--	--
11/19/02	960	--	--	--	--	--	--	--	--	--	--	--	--	--
02/12/03	2100	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Circle K Store 05426

	Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	TRPH	Cadmium (dissolved)	Chromium (total)	Lead (total)	Nickel	Zinc (dissolved)
		(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(mg/l)	(mg/l)
OW continued															
	05/14/03	220	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/13/03	60	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/13/03	170	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/12/04	250	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/14/04	150	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/17/04	150	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/12/04	230	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/07/05	150	--	--	--	--	--	--	--	--	--	--	--	--	--
	05/10/05	220	--	--	--	--	--	--	--	--	--	--	--	--	--
	08/22/05	ND<200	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/09/05	140	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/15/06	270	--	--	--	--	--	--	--	--	--	--	--	--	--
P	05/15/06	7300	--	--	--	--	--	--	--	--	--	--	--	--	--

COORDINATED EVENT DATA

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
AS-1	11/19/2001	--	102.43	12.41	90.02	30,000	--	9,600	ND<100	470	210	490	--	
	2/19/2002	--	102.43	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/2002	--	102.43	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	8/21/2002	--	102.43	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	--	102.43	12.30	90.13	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	--	102.43	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/14/2003	--	102.43	--	--	--	--	--	--	--	--	--	--	
	08/13/2003	--	102.43	12.20	90.23	--	--	--	--	--	--	--	--	Not Sampled
	11/13/2003	P	102.43	12.79	89.64	18,000	--	8,100	26	150	41	600	1.2	
	02/12/2004	--	102.43	11.82	90.61	--	--	--	--	--	--	--	--	h, Not Sampled
	05/14/2004	--	102.43	11.35	91.08	--	--	--	--	--	--	--	--	Not Sampled
	08/17/2004	--	102.43	12.27	90.16	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	P	102.43	11.92	90.51	17,000 J	--	6,100 J	<50	230	75	670 J	0.6	
	02/07/2005	--	102.43	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	--	102.43	11.18	91.25	--	--	--	--	--	--	--	--	Not Sampled
	08/22/2005	--	102.43	11.40	91.03	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	P	102.43	11.18	91.25	14,000	--	4,800	<25	180	76	370	0.7	
	02/01/2006	--	102.43	9.12	93.31	--	--	--	--	--	--	--	--	Not Sampled
MW-1A	3/26/1996	--	102.47	6.33	96.14	96,000	--	12,000	ND<125	4,300	9,900	ND<625	--	
	6/26/1996	--	102.47	8.67	93.80	58,000	--	12,000	ND<100	5,900	3,600	ND<500	--	
	9/24/1996	--	102.47	10.14	92.33	54,000	--	11,000	ND<200	4,200	2,200	ND<1,000	--	
	12/15/1996	--	102.47	8.97	93.50	52,000	--	12,000	ND<250	5,100	3,300	ND<1,250	--	
	4/17/1997	NP	102.47	9.97	92.50	46,000	--	10,000	160	5,700	2,500	1,100	--	
	6/20/1997	NP	102.47	9.75	92.72	60,000	--	12,000	ND<100	6,600	2,600	980	--	
	9/4/1997	NP	102.47	10.78	91.69	57,000	--	13,000	ND<200	6,900	4,200	ND<1,200	--	
	12/2/1997	NP	102.47	9.61	92.86	61,000	--	12,000	ND<200	5,300	6,900	1,700	--	
	2/23/1998	NP	102.47	5.14	97.33	63,000	--	13,000	ND<200	5,800	4,000	1,400	--	
	5/29/1998	NP	102.47	8.18	94.29	63,000	--	10,000	ND<200	5,600	3,000	ND<1,200	--	
	9/2/1998	NP	102.47	9.71	92.76	52,000	--	9,900	ND<100	6,300	1,500	2,600	--	
	11/20/1998	NP	102.47	10.58	91.89	69,000	--	11,000	ND<100	5,700	3,400	ND<600	--	
	2/4/1999	NP	102.47	8.75	93.72	52,000	--	10,000	ND<100	5,200	2,200	710	--	
	5/4/1999	NP	102.47	8.12	94.35	42,000	--	11,000	66	6,500	1,200	1,300	--	
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-1A	8/5/1999	NP	102.47	10.41	92.06	37,000	--	8,900	90	5,300	4,500	1,000	--	
	11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	11/18/1999	NP	102.47	11.12	91.35	28,000	--	11,000	44	7,000	700	420	--	
	2/18/2000	NP	102.47	8.70	93.77	44,000	--	10,000	45	4,300	600	1,000	--	
	6/20/2000	NP	102.47	10.49	91.98	43,000	--	11,000	70	5,500	920	620	--	
	8/17/2000	NP	102.47	12.40	90.07	46,000	--	10,000	38	5,700	1,500	630	--	
	11/14/2000	NP	102.47	11.93	90.54	37,000	--	9,530	ND<125	5,390	975	ND<1,250	--	
	2/20/2001	NP	102.47	9.59	92.88	40,500	--	10,300	ND<100	4,770	1,360	1,080	--	
	5/4/2001	NP	102.47	10.46	92.01	42,700	--	9,060	ND<100	4,750	1,640	ND<1,000	--	
	8/20/2001	NP	102.47	12.03	90.44	37,000a	--	8,800	ND<200	5,000	1,900	ND<100	--	
	11/19/2001	NP	102.47	11.55	90.92	46,000	--	7,200	64	4,500	1,300	1,100	--	
	2/19/2002	NP	102.47	9.95	92.52	30,000	--	8,400	ND<100	3,600	1,300	670	--	
	6/20/2002	--	102.47	11.07	91.40	44,000	--	10,000	130	6,100	2,100	680	--	
	8/21/2002	NP	102.47	11.90	90.57	24,000	--	7,900	ND<100	4,700	1,200	ND<500	--	
	11/19/2002	NP	102.47	11.06	91.41	29,000	--	7,500	350	3,100	1,400	2,900 (500) d	--	
	02/12/2003	NP	102.47	9.51	92.96	22,000	--	6,600	<50	1,800	340	950	--	
	05/14/2003	NP	102.47	9.70	92.77	19,000	--	6,400	65	2,000	430	670 J	1.3	
	08/13/2003	NP	102.47	11.42	91.05	39,000	--	8,100	<250	3,400	380	840	0.7	
	11/13/2003	NP	102.47	12.09	90.38	19,000	--	7,000	<100	1,200	110	600	0.8	
	02/12/2004	NP	102.47	9.95	92.52	18,000	--	5,200	<120	1,200	180	430	1.0	h
	05/14/2004	NP	102.47	10.61	91.86	26,000	--	6,500	<250	2,700	280	480	1.0	
	08/17/2004	NP	102.47	11.55	90.92	21,000	--	6,900	<120	2,800	210	430	1.2	
	11/12/2004	NP	102.47	10.85	91.62	1,300	--	6,100 J	<50	1,300	74	530 J	0.1	
	02/07/2005	NP	102.47	9.76	92.71	18,000 J	--	5,000	21	1,100	63	360	0.7	
	05/10/2005	NP	102.47	9.75	92.72	<25,000	--	5,800	<250	1,400	<250	370	0.9	
	08/22/2005	NP	102.47	10.57	91.90	30,000 J	--	6,700 J	<250 UJ	2,000 J	<250 UJ	370 J	0.8	
	11/09/2005	NP	102.47	10.54	91.93	22,000	--	6,600	62	1,500	110	370	0.4	
	02/01/2006	NP	102.47	8.22	94.25	15,000	--	5,300	<50	920 J	66 J	290	0.5	
	05/15/2006	**NP**	**102.47**	**9.00**	**93.47**	**24,000**	**--**	**5,800**	**<50**	**790**	**<50**	**300**	**0.2**	
MW-2	3/26/1996	--	101.43	7.31	94.12	390	--	45	ND<0.5	14	3.8	220	--	
	6/26/1996	--	101.43	8.73	92.70	200	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	290	--	
	9/24/1996	--	101.43	9.81	91.62	830	--	ND<5.0	ND<5.0	6.1	6.6	640	--	
	12/15/1996	--	101.43	8.68	92.75	580	--	ND<2.5	ND<2.5	7.5	6.5	820	--	

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-2	4/17/1997	NP	101.43	9.18	92.25	290	--	12	0.79	0.8	0.72	260	--	
	6/20/1997	NP	101.43	9.61	91.82	360	--	ND<2	ND<2	ND<2	ND<2	360	--	
	9/4/1997	NP	101.43	10.63	90.80	510	--	7	ND<5	8	ND<5	740 (770)d	--	
	12/2/1997	NP	101.43	--	DRY	NS	--	NS	NS	NS	NS	NS	--	Not sampled, DRY
	2/23/1998	NP	101.43	5.19	96.24	420	--	24	1.6	18	17	800	--	
	5/29/1998	NP	101.43	8.03	93.40	ND<500	--	28	ND<5	7.3	5.8	1,000	--	
	9/2/1998	NP	101.43	9.80	91.63	ND<2,000	--	37	ND<20	ND<20	ND<20	1,900	--	
	11/20/1998	NP	101.43	10.10	91.33	ND<1,000	--	ND<10	ND<10	ND<10	ND<10	1,600	--	
	2/4/1999	--	101.43	--	DRY	NS	--	NS	NS	NS	NS	NS	--	Not sampled, DRY
	5/4/1999	NP	101.43	8.15	93.28	140	--	0.7	ND<0.5	ND<0.5	ND<0.5	91	--	
	8/5/1999	NP	101.43	--	DRY	NS	--	NS	NS	NS	NS	NS	--	Not sampled, DRY
	11/18/1999	NP	101.43	--	DRY	NS	--	NS	NS	NS	NS	NS	--	Not sampled, DRY
	2/18/2000	NP	101.43	7.82	93.61	660	--	4.2	1.2	9.7	9.5	330	--	
	6/20/2000	NP	101.43	9.93	91.50	460	--	25	0.6	4.5	10	590	--	
	8/17/2000	NP	101.43	11.80	89.63	850	--	9.4	ND<0.5	4.4	12	960	--	
	11/14/2000	NP	101.43	11.24	90.19	538	--	10.1	ND<1	1.22	3.13	1,090	--	
	2/20/2001	NP	101.43	8.90	92.53	431	--	3.92	ND<0.5	5.74	6.22	990	--	
	5/4/2001	NP	101.43	9.90	91.53	734	--	9.77	ND<2.5	13.1	8.12	1,220	--	
	8/20/2001	NP	101.43	11.27	90.16	540a	--	1.9	1.9	1	ND<1.0	690	--	
	11/19/2001	NP	101.43	10.96	90.47	3,000	--	8	ND<5.0	22	9	1,500	--	
	2/19/2002	NP	101.43	9.11	92.32	840	--	25	1.5	10	8.1	610	--	
	6/20/2002	--	101.43	10.10	91.33	1,300	--	51	1.1	6.5	3.1	610	--	
	8/21/2002	NP	101.43	11.06	90.37	2,300	--	51	ND<5	ND<5	6	670	--	
	11/19/2002	NP	101.43	10.59	90.84	8,300	--	1,500	38	640	180	840	--	
	02/12/2003	NP	101.43	8.96	92.47	<5,000	--	<50	<50	<50	<50	490	--	
	05/14/2003	NP	101.43	9.14	92.29	930	--	12 J	<1.0	5.7	2.6	600 J	0.9	
	08/13/2003	NP	101.43	10.35	91.08	3,100	--	30	<25	<25	<25	700	0.7	
	11/13/2003	NP	101.43	12.47	88.96	4,800	--	56	<25	31	<25	540	1.5	
	02/12/2004	NP	101.43	9.22	92.21	1,500	--	<5.0	<5.0	7.0	<5.0	220	1.0	h
	05/14/2004	NP	101.43	9.93	91.50	1,600	--	<50	<50	<50	<50	220	1.0	
	08/17/2004	NP	101.43	10.60	90.83	2,700	--	<25	<25	<25	<25	260	1.8	
	11/12/2004	NP	101.43	10.23	91.20	3,800	--	12	<12	18	<12	180	0.2	
	02/07/2005	NP	101.43	9.25	92.18	1,800 J	--	7.5	<5.0	11	6.9	78	0.6	

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-2	05/10/2005	NP	101.43	9.11	92.32	760	--	14	<2.5	12	6.8	120	0.7	
	08/22/2005	NP	101.43	9.85	91.58	3,000 J	--	22 J	<2.5 UJ	31 J	19 J	110 J	1.3	
	11/09/2005	NP	101.43	9.86	91.57	2,900	--	24	<2.5	12	7.4	78	0.9	
	02/01/2006	NP	101.43	8.04	93.39	<100	--	<1.0	<1.0	<1.0 UJ	<1.0 UJ	12	0.1	
	05/15/2006	**NP**	**101.43**	**8.83**	**92.60**	**770**	**--**	**29**	**<0.50**	**31**	**12**	**67**	**0.2**	
MW-3	3/26/1996	--	102.72	6.51	96.21	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	920	--	
	6/26/1996	--	102.72	8.58	94.14	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	84	--	
	9/24/1996	--	102.72	10.61	92.11	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3.4	--	
	12/15/1996	--	102.72	8.58	94.14	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	4/17/1997	NP	102.72	9.02	93.70	ND<50	--	ND<0.5	3.4	ND<0.5	ND<0.5	ND<2.5	--	
	6/20/1997	NP	102.72	10.12	92.60	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	9/4/1997	NP	102.72	11.43	91.29	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3	--	
	12/2/1997	NP	102.72	9.21	93.51	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	2/23/1998	NP	102.72	4.40	98.32	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	
	5/29/1998	NP	102.72	7.55	95.17	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	9/2/1998	NP	102.72	9.90	92.82	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	11/20/1998	NP	102.72	10.45	92.27	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	2/4/1999	NP	102.72	7.64	95.08	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	5/4/1999	NP	102.72	7.75	94.97	ND<50	--	ND<0.5	2.8	ND<0.5	ND<0.5	ND<3	--	
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	8/5/1999	NP	102.72	11.17	91.55	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.5	--	
	11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	11/18/1999	NP	102.72	11.38	91.34	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	--	
	2/18/2000	NP	102.72	8.70	94.02	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	--	
	6/20/2000	NP	102.72	11.00	91.72	ND<50	--	ND<0.5	1.2	ND<0.5	ND<1	ND<3	--	
	8/17/2000	NP	102.72	12.60	90.12	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	6	--	
	11/14/2000	NP	102.72	12.11	90.61	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	
	2/20/2001	NP	102.72	9.85	92.87	ND<50	--	ND<0.5	1.02	ND<0.5	ND<0.5	ND<2.5	--	
	5/4/2001	NP	102.72	10.76	91.96	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	
	8/20/2001	NP	102.72	12.25	90.47	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	15	--	
	11/19/2001	NP	102.72	11.81	90.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	30	--	
	2/19/2002	NP	102.72	10.24	92.48	ND<50	--	ND<0.50	0.74	ND<0.50	1.1	ND<0.50	--	
	6/20/2002	--	102.72	11.40	91.32	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	--	

Table 1

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Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-3	8/21/2002	NP	102.72	12.06	90.66	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	76	--	
	11/19/2002	NP	102.72	11.56	91.16	ND<50	--	5.5	ND<0.5	2.4	ND<0.5	32	--	
	02/12/2003	NP	102.72	10.07	92.65	<50	--	<0.50	<0.50	<0.50	<0.50	0.66	--	
	05/14/2003	NP	102.72	9.88	92.84	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	
	08/13/2003	NP	102.72	11.75	90.97	66	--	<2.5	<2.5	<2.5	<2.5	83	1.2	
	11/13/2003	NP	102.72	12.55	90.17	100 R	--	<5.0	<5.0	<5.0	<5.0	230	1.6	
	02/12/2004	NP	102.72	10.23	92.49	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	h
	05/14/2004	NP	102.72	11.02	91.70	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	
	08/17/2004	NP	102.72	11.85	90.87	<50	--	<0.50	<0.50	<0.50	<0.50	30	2.1	
	11/12/2004	NP	102.72	11.13	91.59	<50 UJ	--	<0.50	3.0	<0.50	<0.50	120 J	2.5	
	02/07/2005	NP	102.72	9.93	92.79	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	
	05/10/2005	NP	102.72	9.65	93.07	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	0.8	
	08/22/2005	NP	102.72	11.00	91.72	<50 UJ	--	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	23 J	0.9	
	11/09/2005	NP	102.72	10.81	91.91	<50	--	<0.50	<0.50	<0.50	<0.50	46	0.4	
	02/01/2006	NP	102.72	8.32	94.40	<50	--	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50	0.5	
	05/15/2006	**NP**	**102.72**	**9.72**	**93.00**	**<50**	**--**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**0.2**	
MW-4	3/26/1996	--	101.59	8.27	93.32	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/26/1996	--	101.59	9.68	91.91	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	9/24/1996	--	101.59	11.22	90.37	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/15/1996	--	101.59	9.92	91.67	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	4/17/1997	--	101.59	9.36	92.23	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/1997	--	101.59	9.75	91.84	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	9/4/1997	--	101.59	10.69	90.90	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/2/1997	--	101.59	9.17	92.42	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/23/1998	--	101.59	5.88	95.71	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	32	--	
	5/29/1998	--	101.59	8.35	93.24	ND<500	--	ND<5	ND<5	ND<5	ND<5	310	--	
	9/2/1998	--	101.59	9.47	92.12	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/20/1998	--	101.59	10.29	91.30	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/4/1999	--	101.59	8.40	93.19	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/1999	--	101.59	8.63	92.96	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2,600	--	
	8/5/1999	--	101.59	11.60	89.99	4,400	--	1,100	ND<25	37	35	110	--	
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	11/18/1999	--	101.59	10.52	91.07	ND<50	--	0.6	ND<0.5	ND<0.5	ND<1	140	--	

Table 1

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ARCO Service Station No. 1341
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Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-4	11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	3/21/2000	--	101.59	8.08f	--	71	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	--	
	6/20/2000	--	101.59	9.87	91.72	ND<50	--	ND<0.5	0.6	ND<0.5	ND<1	61(71)d	--	
	8/17/2000	g	101.59	NM	NM	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/14/2000	NP	101.59	11.37	90.22	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	15.8	--	
	2/20/2001	NP	101.59	8.76	92.83	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	194	--	
	5/4/2001	NP	101.59	9.86	91.73	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5	--	
	8/20/2001	NP	101.59	11.30	90.29	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	19	--	
	11/19/2001	NP	101.59	11.00	90.59	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	88	--	
	2/19/2002	NP	101.59	9.29	92.30	110	--	ND<0.50	ND<0.50	ND<0.50	0.51	230	--	
	6/20/2002	--	101.59	10.52	91.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	
	8/21/2002	NP	101.59	11.23	90.36	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	8.5	--	
	11/19/2002	NP	101.59	10.39	91.20	ND<50	--	0.52	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	02/12/2003	NP	101.59	8.34	93.25	240	--	<0.50	<0.50	<0.50	<0.50	220	--	
	05/14/2003	NP	101.59	9.27	92.32	200	--	<0.50	<0.50	<0.50	<0.50	700 J	0.9	
	08/13/2003	NP	101.59	10.80	90.79	<50	--	<0.50	<0.50	<0.50	<0.50	1.2	2.1	
	11/13/2003	NP	101.59	11.37	90.22	<50	--	<0.50	<0.50	<0.50	<0.50	12	3.1	
	02/12/2004	NP	101.59	9.30	92.29	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	h
	05/14/2004	NP	101.59	9.93	91.66	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	
	08/17/2004	NP	101.59	10.90	90.69	<50	--	<0.50	<0.50	<0.50	<0.50	11	1.4	
	11/12/2004	NP	101.59	9.85	91.74	<50 UJ	--	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	0.81 J	2.6	
	02/07/2005	NP	101.59	9.28	92.31	<50	--	<0.50	<0.50	<0.50	<0.50	3.1	0.8	
	05/10/2005	NP	101.59	8.97	92.62	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	
	08/22/2005	NP	101.59	9.78	91.81	<50 UJ	--	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	2.0	
	11/09/2005	NP	101.59	9.75	91.84	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	
	02/01/2006	NP	101.59	8.12	93.47	<50	--	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50	0.9	
	05/15/2006	**NP**	**101.59**	**8.66**	**92.93**	**<50**	**--**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**0.5**	
MW-5	3/26/1996	--	101.8	8.24	93.56	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/26/1996	--	101.8	9.62	92.18	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	9/24/1996	--	101.8	11.16	90.64	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/15/1996	--	101.8	9.86	91.94	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	4/17/1997	--	101.8	9.27	92.53	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/1997	--	101.8	9.70	92.10	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	26	--	

Table 1

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ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-5	9/4/1997	--	101.8	10.38	91.42	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/2/1997	--	101.8	NM	NM	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/23/1998	--	101.8	5.66	96.14	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/29/1998	--	101.8	8.12	93.68	ND<500	--	ND<5	ND<5	ND<5	ND<5	430	--	
	9/2/1998	--	101.8	9.35	92.45	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/20/1998	--	101.8	10.04	91.76	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/4/1999	--	101.8	8.28	93.52	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/1999	--	101.8	8.46	93.34	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4,800	--	
	8/5/1999	--	101.8	10.08	91.72	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/18/1999	--	101.8	10.06	91.74	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/18/2000	--	101.8	7.90	93.90	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/2000	--	101.8	9.73	92.07	ND<50	--	ND<0.5	1	ND<0.5	ND<1	860	--	
	8/17/2000	--	101.8	11.60	90.20	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/14/2000	--	101.8	11.08	90.72	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/20/2001	--	101.8	8.52	93.28	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/2001	NP	101.8	9.76	92.04	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1,850	--	
	8/20/2001	--	101.8	11.08	90.72	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2001	--	101.8	10.51	91.29	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/19/2002	--	101.8	9.08	92.72	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/2002	--	101.8	10.15	91.65	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.6	--	
	8/21/2002	NP	101.8	10.93	90.87	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	NP	101.8	--	--	--	--	--	--	--	--	--	--	Well inaccessible
	02/12/2003	--	101.80	--	--	--	--	--	--	--	--	--	--	Well Inaccessible
	05/14/2003	--	101.80	--	--	--	--	--	--	--	--	--	--	Well Inaccessible
	08/13/2003	--	101.80	--	--	--	--	--	--	--	--	--	--	Well Inaccessible
	11/13/2003	--	101.80	--	--	--	--	--	--	--	--	--	--	Well Inaccessible
	02/12/2004	--	101.80	9.18	92.62	--	--	--	--	--	--	--	--	
	05/14/2004	NP	101.80	9.73	92.07	100	--	<10	<10	<10	<10	370	1.8	
	08/17/2004	--	101.80	11.12	90.68	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	--	101.80	9.50	92.30	--	--	--	--	--	--	--	--	Not Sampled
	02/07/2005	--	101.80	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	NP	101.80	8.78	93.02	<500	--	<5.0	<5.0	<5.0	<5.0	320	0.4	
	08/22/2005	--	101.80	9.55	92.25	--	--	--	--	--	--	--	--	Not sampled

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Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-5	11/09/2005	--	101.80	9.55	92.25	--	--	--	--	--	--	--	--	Not scheduled to be sampled
	02/01/2006	--	101.80	8.18	93.62	--	--	--	--	--	--	--	--	Not sampled
	05/15/2006	**--**	**101.80**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Not sampled**
MW-6	3/26/1996	--	103.53	8.16	95.37	3,900	--	750	ND<5.0	50	23	170	--	
	6/26/1996	--	103.53	9.89	93.64	5,000	--	1,500	ND<20	39	ND<20	260	--	
	9/24/1996	--	103.53	11.43	92.10	1,900	--	170	3.7	28	12	120	--	
	12/15/1996	--	103.53	9.66	93.87	970	--	180	ND<2.5	12	ND<2.5	43	--	
	4/17/1997	NP	103.53	10.12	93.41	2,500	--	420	10	71	35	130	--	
	6/20/1997	NP	103.53	11.09	92.44	2,400	--	330	ND<5	26	13	66	--	
	9/4/1997	NP	103.53	12.00	91.53	2,100	--	320	ND<5	7	7	94	--	
	12/2/1997	NP	103.53	10.05	93.48	1,800	--	360	6	19	7	63	--	
	2/23/1998	NP	103.53	6.21	97.32	400	--	31	2.1	2	2.7	ND<0.5	--	
	5/29/1998	NP	103.53	8.95	94.58	940	--	61	2	5.7	3.9	59	--	
	9/2/1998	NP	103.53	10.85	92.68	1,500	--	170	5	3	10	96	--	
	11/20/1998	NP	103.53	11.55	91.98	1,900	--	270	3	ND<2.5	4	88	--	
	2/4/1999	NP	103.53	9.13	94.40	1,500	--	190	3.4	14	10	110	--	
	5/4/1999	NP	103.53	9.29	94.24	2,800	--	400	ND<5	57	28	140	--	
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	8/5/1999	NP	103.53	10.10	93.43	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	420	--	
	11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	11/18/1999	NP	103.53	11.80	91.73	2,600	--	400	7.2	4.9	11	23	--	
	2/18/2000	NP	103.53	8.44	95.09	530	--	80	0.7	2.2	2	ND<3	--	
	6/20/2000	NP	103.53	11.41	92.12	490	--	70	1.2	2.4	2.4	840	--	
	8/17/2000	NP	103.53	13.38	90.15	2,200	--	440	2.9	6.3	7.8	440	--	
	11/14/2000	NP	103.53	12.85	90.68	2,950	--	746	ND<10	ND<10	ND<10	1,970(1,880)d	--	
	2/20/2001	NP	103.53	10.22	93.31	602	--	60	0.522	1.11	0.892	3,530(3,550)d	--	
	5/4/2001	NP	103.53	11.49	92.04	361	--	11.6	ND<0.5	0.776	ND<0.5	9,220(6,690)d	--	
	8/20/2001	NP	103.53	12.97	90.56	1,400b	--	50	ND<5.0	ND<5.0	ND<5.0	9,100c(8.8)d	--	
	11/19/2001	NP	103.53	12.21	91.32	590	--	24	0.81	2.2	1.5	500	--	
	2/19/2002	NP	103.53	10.74	92.79	140	--	ND<0.50	0.56	0.58	0.77	170	--	
	6/20/2002	--	103.53	12.05	91.48	680	--	170	1.2	14	2.3	520	--	
	8/21/2002	NP	103.53	12.78	90.75	88	--	1.9	ND<0.5	1.4	ND<0.5	ND<2.5	--	

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-6	11/19/2002	NP	103.53	11.46	92.07	ND<1,000	--	98	ND<10	28	11	ND<50	--	
	02/12/2003	NP	103.53	9.55	93.98	<500	--	<5.0	<5.0	<5.0	<5.0	<5.0	--	
	05/14/2003	NP	103.53	10.35	93.18	200	--	2.6 J	<0.50	<0.50	0.51	44 J	1.2	
	08/13/2003	NP	103.53	12.37	91.16	240	--	<2.5	<2.5	<2.5	<2.5	21	1.0	
	11/13/2003	NP	103.53	13.08	90.45	180	--	16	<2.5	<2.5	<2.5	12	1.1	
	02/12/2004	NP	103.53	10.72	92.81	190	--	1.8	<0.50	0.94	<0.50	3.9	1.2	h
	05/14/2004	NP	103.53	11.52	92.01	150	--	<2.5	<2.5	<2.5	<2.5	9.8	1.1	
	08/17/2004	NP	103.53	12.12	91.41	110	--	5.5	<0.50	1.6	1.1	6.4	1.3	
	11/12/2004	NP	103.53	11.39	92.14	380 J	--	8.1	<2.5	<2.5	<2.5	31 J	0.4	
	02/07/2005	NP	103.53	10.52	93.01	340 J	--	5.0	<0.50	7.0	1.4	4.1	0.6	
	05/10/2005	NP	103.53	10.63	92.90	72	--	0.83	<0.50	<0.50	<0.50	2.4	1.4	
	08/22/2005	NP	103.53	11.43	92.10	780 J	--	13 J	0.72 J	1.4 J	2.7 J	11 J	0.8	
	11/09/2005	NP	103.53	11.13	92.40	900	--	7.6	0.91	1.4	2.5	17	0.2	
	02/01/2006	NP	103.53	8.65	94.88	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	0.2	
	05/15/2006	**NP**	**103.53**	**9.84**	**93.69**	**110**	**--**	**2.6**	**<0.50**	**<0.50**	**1.8**	**1.5**	**0.1**	
MW-7	3/26/1996	--	103.46	7.88	95.58	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/26/1996	--	103.46	9.80	93.66	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	9/24/1996	--	103.46	11.71	91.75	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/15/1996	--	103.46	9.98	93.48	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	4/17/1997	--	103.46	10.10	93.36	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/1997	--	103.46	11.15	92.31	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3	--	
	9/4/1997	--	103.46	12.21	91.25	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/2/1997	--	103.46	10.76	92.70	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/23/1998	--	103.46	5.63	97.83	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/29/1998	--	103.46	8.90	94.56	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3	--	
	9/2/1998	--	103.46	11.00	92.46	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/20/1998	--	103.46	11.63	91.83	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/4/1999	--	103.46	9.05	94.41	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/1999	--	103.46	9.05	94.41	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	8/5/1999	--	103.46	12.01	91.45	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/18/1999	--	103.46	12.52	90.94	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/18/2000	--	103.46	9.86	93.60	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/2000	--	103.46	12.05	91.41	ND<50	--	ND<0.5	1	ND<0.5	ND<1	120	--	

Table 1

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Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-7	8/17/2000	--	103.46	13.78	89.68	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/14/2000	--	103.46	13.10	90.36	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/20/2001	--	103.46	11.12	92.34	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/2001	NP	103.46	12.00	91.46	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	189	--	
	8/20/2001	--	103.46	13.20	90.26	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2001	--	103.46	12.91	90.55	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/19/2002	--	103.46	11.43	92.03	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/2002	--	103.46	12.43	91.03	81	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	480	--	
	8/21/2002	NP	103.46	13.07	90.39	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	NP	103.46	12.81	90.65	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	NP	103.46	11.23	92.23	--	--	--	--	--	--	--	--	
	05/14/2003	NP	103.46	11.11	92.35	450	--	<1.0	<1.0	<1.0	<1.0	1,100	1.0	
	08/13/2003	--	103.46	12.71	90.75	--	--	--	--	--	--	--	--	
	02/12/2004	--	103.46	11.39	92.07	--	--	--	--	--	--	--	--	h
	05/14/2004	NP	103.46	12.14	91.32	170	--	<12	<12	<12	<12	530	1.2	
	08/17/2004	--	103.46	12.96	90.50	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	--	103.46	12.47	90.99	--	--	--	--	--	--	--	--	Not Sampled
	02/07/2005	--	103.46	--	--	--	--	--	--	--	--	--	--	Not sampled
	05/10/2005	NP	103.46	11.11	92.35	120	--	<1.0	<1.0	<1.0	<1.0	140	0.8	
	08/22/2005	--	103.46	12.22	91.24	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	--	103.46	12.00	91.46	--	--	--	--	--	--	--	--	Not scheduled to be sampled
	02/01/2006	--	103.46	9.87	93.59	--	--	--	--	--	--	--	--	Not sampled
	05/15/2006	**NP**	**103.46**	**10.99**	**92.47**	**160**	**--**	**3.6**	**8.4**	**2.7**	**15**	**90**	**0.2**	
MW-8	3/26/1996	--	100.70	6.69	94.01	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	6/26/1996	--	100.70	8.16	92.54	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	9/24/1996	--	100.70	9.50	91.20	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	12/15/1996	--	100.70	8.44	92.26	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	47	--	
	4/17/1997	--	100.70	8.21	92.49	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	6/20/1997	--	100.70	9.02	91.68	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	9/4/1997	--	100.70	9.96	90.74	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	17	--	
	12/2/1997	--	100.70	8.85	91.85	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	87	--	
	2/23/1998	--	100.70	5.64	95.06	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	--	

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Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-8	5/29/1998	--	100.70	7.51	93.19	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	9/2/1998	--	100.70	8.81	91.89	120	--	1.1	ND<0.5	3.3	ND<0.5	3	--	
	12/1/1998	--	100.70	9.40e	91.30	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	21	--	
	2/4/1999	--	100.70	7.90	92.80	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<3	--	
	5/4/1999	--	100.70	7.62	93.08	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	8	--	
	8/5/1999	--	100.70	9.60	91.10	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	15	--	
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	11/18/1999	--	100.70	10.08	90.62	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	120	--	
	11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	2/18/2000	--	100.70	8.04	92.66	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	310	--	
	6/20/2000	--	100.70	9.35	91.35	ND<50	--	ND<0.5	0.7	ND<0.5	ND<1	560	--	
	8/17/2000	--	100.70	11.18	89.52	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	320	--	
	11/14/2000	NP	100.70	10.68	90.02	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	273	--	
	2/20/2001	NP	100.70	8.41	92.29	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	122	--	
	5/4/2001	NP	100.70	9.32	91.38	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	199	--	
	8/20/2001	NP	100.70	10.66	90.04	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	140	--	
	11/19/2001	NP	100.70	10.46	90.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	360	--	
	2/19/2002	NP	100.70	8.86	91.84	70	--	ND<0.50	1.1	ND<0.50	1.5	98	--	
	6/20/2002	--	100.70	9.90	90.80	140	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1,700	--	
	8/21/2002	NP	100.70	10.50	90.20	1,200	--	ND<10	ND<10	ND<10	13	1,300	--	
	11/19/2002	NP	100.70	10.19	90.51	1,100	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	1,700	--	
	02/12/2003	NP	100.70	8.71	91.99	<5,000	--	<50	<50	<50	<50	2,300	--	
	05/14/2003	NP	100.70	8.61	92.09	1,800	--	<5.0	<5.0	<5.0	<5.0	4,900 J	0.8	
	08/13/2003	NP	100.70	10.15	90.55	1,600	--	<50	63	<50	130	4,700	1.5	
	11/13/2003	NP	100.70	11.32	89.38	1,500 R	--	<50	<50	<50	<50	3,900	1.2	
	02/12/2004	NP	100.70	8.76	91.94	450	--	<12	<12	<12	<12	800	0.9	h
	05/14/2004	NP	100.70	9.45	91.25	120	--	<12	<12	<12	<12	250	1.1	
	08/17/2004	NP	100.70	10.38	90.32	51	--	<0.50	<0.50	<0.50	<0.50	33	2.1	
	11/12/2004	NP	100.70	9.79	90.91	<50 UJ	--	<0.50	<0.50	<0.50	<0.50	<50 UJ	0.6	
	02/07/2005	NP	100.70	8.75	91.95	<50	--	<0.50	<0.50	<0.50	<0.50	9.7	1.1	
	05/10/2005	NP	100.70	8.71	91.99	<50	--	<0.50	<0.50	<0.50	<0.50	10	1.3	
	08/22/2005	NP	100.70	9.36	91.34	<50 UJ	--	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	2.4 J	1.4	
	11/09/2005	NP	100.70	9.65	91.05	<50	--	<0.50	<0.50	<0.50	<0.50	3.5	0.9	

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Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-8	02/01/2006	NP	100.70	8.47	92.23	<50	--	<0.50	<0.50	<0.50	<0.50	0.79	0.8	
	05/15/2006	**NP**	**100.70**	**8.46**	**92.24**	**<50**	**--**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**2.6**	**0.2**	
MW-9	3/26/1996	--	101.6	8.42	93.18	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/26/1996	--	101.6	9.49	92.11	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	9/24/1996	--	101.6	10.74	90.86	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/15/1996	--	101.6	9.44	92.16	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	4/17/1997	--	101.6	9.61	91.99	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	6/20/1997	--	101.6	10.22	91.38	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	58	--	
	9/4/1997	--	101.6	11.19	90.41	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	12/2/1997	--	101.6	9.95	91.65	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/23/1998	--	101.6	6.50	95.10	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/29/1998	--	101.6	8.89	92.71	ND<500	--	ND<5	ND<5	ND<5	ND<5	150	--	
	9/2/1998	--	101.6	9.98	91.62	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/20/1998	--	101.6	10.84	90.76	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	2/4/1999	--	101.6	8.88	92.72	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	5/4/1999	--	101.6	9.01	92.59	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	220	--	
	8/5/1999	--	101.6	10.75	90.85	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	280	--	
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	11/18/1999	--	101.6	11.30	90.30	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	440	--	
	11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	3/21/2000	--	101.6	8.50f	93.10	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	ND<3	--	
	6/20/2000	--	101.6	10.51	91.09	ND<50	--	ND<0.5	0.9	ND<0.5	ND<1	370(390)d	--	
	8/17/2000	--	101.6	12.35	89.25	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	320(360)d	--	
	11/14/2000	NP	101.6	11.79	89.81	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	297	--	
	2/20/2001	NP	101.6	9.42	92.18	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	137	--	
	5/4/2001	NP	101.6	10.37	91.23	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	126	--	
	8/20/2001	NP	101.6	11.71	89.89	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	150	--	
	11/19/2001	NP	101.6	11.60	90.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	--	
	2/19/2002	NP	101.6	9.95	91.65	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	31	--	
	6/20/2002	--	101.6	11.00	90.60	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	70	--	
	8/21/2002	NP	101.6	11.55	90.05	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	63	--	
	11/19/2002	NP	101.6	11.45	90.15	69	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	100	--	
	02/12/2003	NP	101.60	9.93	91.67	<50	--	<0.50	<0.50	<0.50	<0.50	3.4	--	

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Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-9	05/14/2003	NP	101.60	9.73	91.87	<50	--	<0.50	<0.50	<0.50	<0.50	4.4 J	1.3	
	08/13/2003	NP	101.60	11.25	90.35	<50	--	<1.0	<1.0	<1.0	<1.0	42	2.3	
	11/13/2003	NP	101.60	12.48	89.12	<50	--	<0.50	<0.50	<0.50	<0.50	49	1.7	
	02/12/2004	NP	101.60	9.83	91.77	<50	--	<0.50	<0.50	<0.50	<0.50	8.0	1.8	h
	05/14/2004	NP	101.60	10.58	91.02	<50	--	<0.50	<0.50	<0.50	<0.50	21	1.2	
	08/17/2004	NP	101.60	11.52	90.08	<50	--	<0.50	<0.50	<0.50	<0.50	17	2.2	
	11/12/2004	NP	101.60	11.08	90.52	<50 UJ	--	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	39 J	0.7	
	02/07/2005	NP	101.60	9.85	91.75	<50	--	<0.50	<0.50	<0.50	<0.50	2.5	0.8	
	05/10/2005	NP	101.60	9.82	91.78	<50	--	<0.50	<0.50	<0.50	<0.50	1.3	0.9	
	08/22/2005	NP	101.60	10.42	91.18	<50 UJ	--	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	1.4 J	1.8	
	08/25/2005	P	101.60	20.98	80.62	--	--	--	--	--	--	--	1.5	
	11/09/2005	NP	101.60	10.91	90.69	<50	--	<0.50	<0.50	<0.50	<0.50	12	0.6	
	02/01/2006	NP	101.60	8.80	92.80	<50	--	<0.50	<0.50	<0.50	<0.50	0.69	0.8	
	05/15/2006	**NP**	**101.60**	**9.50**	**92.10**	**77**	**--**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**2.7**	**0.2**	
MW-10	3/26/1996	--	102.43	9.11	93.32	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	2.8	--	
	6/26/1996	--	102.43	11.09	91.34	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	9/24/1996	--	102.43	13.03	89.40	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	12/15/1996	--	102.43	12.64	89.79	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4	--	
	4/17/1997	--	102.43	10.17	92.26	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2.5	--	
	6/20/1997	--	102.43	11.85	90.58	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	3	--	
	9/4/1997	--	102.43	13.65	88.78	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	5	--	
	12/2/1997	--	102.43	12.24	90.19	ND<50	--	ND<0.5	ND<0.5	ND<0.5	1.1	5	--	
	2/23/1998	--	102.43	8.20	94.23	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	9	--	
	5/29/1998	--	102.43	9.06	93.37	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	4	--	
	9/2/1998	--	102.43	11.15	91.28	ND<50	--	0.7	ND<0.5	0.6	ND<0.5	ND<3	--	
	11/20/1998	--	102.43	12.04	90.39	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	13	--	
	2/4/1999	--	102.43	10.63	91.80	ND<50	--	0.5	ND<0.5	ND<0.5	0.5	7	--	
	5/4/1999	--	102.43	9.75	92.68	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	10	--	
	8/5/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	8/5/1999	--	102.43	11.89	90.54	ND<50	--	3.2	ND<0.5	ND<0.5	1.9	12	--	
	11/18/1999	--	102.43	--	--	--	--	--	--	--	--	--	--	
	11/18/1999	--	102.43	13.03	89.40	ND<50	--	1.8	0.5	ND<0.5	ND<1	12	--	
	2/18/2000	--	102.43	10.28	92.15	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	29	--	

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
MW-10	6/20/2000	--	102.43	12.70	89.73	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<1	37	--	
	8/17/2000	--	102.43	14.63	87.80	ND<50	--	0.7	ND<0.5	0.6	3.3	21	--	
	11/14/2000	--	102.43	14.25	88.18	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	42.8	--	
	2/20/2001	--	102.43	11.87	90.56	ND<50	--	ND<0.5	ND<0.5	ND<0.5	1.56	30	--	
	5/4/2001	--	102.43	12.55	89.88	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	16.6	--	
	8/20/2001	--	102.43	14.24	88.19	130	--	11	6.6	1.3	12	31	--	
	11/19/2001	--	102.43	14.10	88.33	ND<50	--	0.57	0.89	ND<0.50	1.3	36	--	
	2/19/2002	--	102.43	11.93	90.50	ND<50	--	ND<0.50	0.91	ND<0.50	1.7	22	--	
	6/20/2002	--	102.43	13.13	89.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	63	--	
	8/21/2002	P	102.43	13.88	88.55	ND<50	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	49	--	
	11/19/2002	P	102.43	14.04	88.39	58	--	ND<0.5	ND<0.5	ND<0.5	ND<0.5	79	--	
	02/12/2003	P	102.43	11.79	90.64	130	--	<0.50	<0.50	<0.50	<0.50	88	--	
	05/14/2003	P	102.43	11.86	90.57	<50	--	<0.50	<0.50	<0.50	<0.50	78 J	3.0	
	08/13/2003	P	102.43	13.52	88.91	55	--	<1.2	<1.2	<1.2	<1.2	82	4.7	
	11/13/2003	P	102.43	14.43	88.00	<50	--	<0.50	<0.50	<0.50	<0.50	4.6	1.6	
	02/12/2004	P	102.43	12.49	89.94	51	--	<0.50	<0.50	<0.50	<0.50	77	4.6	h
	05/14/2004	P	102.43	12.32	90.11	<50	--	<2.5	<2.5	<2.5	<2.5	64	3.8	
	08/17/2004	P	102.43	13.46	88.97	<50	--	<0.50	<0.50	<0.50	0.57	20	2.5	
	11/12/2004	P	102.43	13.33	89.10	<50 UJ	--	<0.50	<0.50	<0.50	<0.50	87 J	3.4	
	02/07/2005	P	102.43	12.75	89.68	<50	--	<2.5	<2.5	<2.5	<2.5	44	3.1	
	05/10/2005	P	102.43	12.00	90.43	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	
	08/22/2005	P	102.43	12.37	90.06	<50 UJ	--	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	2.9 J	0.9	
	11/09/2005	P	102.43	12.52	89.91	70	--	<0.50	<0.50	<0.50	<0.50	52	0.9	
	02/01/2006	NP	102.43	8.12	94.31	<50	--	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	
	05/15/2006	**P**	**102.43**	**10.78**	**91.65**	**<50**	**--**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**3.4**	**2.4**	
SV-1	11/19/2001	--	--	13.43	--	130	--	13	ND<0.50	ND<0.50	0.85	1,100	--	
	2/19/2002	NP	--	11.37	--	1,300	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	2,300	--	
	6/20/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	8/21/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	--	--	13.30	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	05/14/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	12.75	--	--	--	--	--	--	--	--	--	

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
SV-1	11/13/2003	P	--	14.05	--	240	--	<2.5	<2.5	<2.5	<2.5	96	1.1	
	02/12/2004	--	--	11.27	--	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	12.25	--	--	--	--	--	--	--	--	--	
	08/17/2004	--	--	13.12	--	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	NP	--	12.81	--	160 J	--	<0.50	<0.50	<0.50	<0.50	<50 UJ	0.2	
	02/07/2005	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	--	--	10.77	--	--	--	--	--	--	--	--	--	Not Sampled
	08/22/2005	--	--	12.50	--	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	NP	--	12.61	--	<500	--	<5.0	<5.0	<5.0	<5.0	19	0.5	
	02/01/2006	--	--	9.84	--	--	--	--	--	--	--	--	--	Not Sampled
	05/15/2006	**--**	**--**	**10.91**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Not sampled**
SV-2	11/19/2001	--	--	13.22	--	23,000	--	5,500	ND<50	1,000	180	6,900	--	
	2/19/2002	NP	--	11.20	--	10,000	--	2,000	ND<25	590	340	4,300	--	
	6/20/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	8/21/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	--	--	13.33	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	05/14/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	12.50	--	--	--	--	--	--	--	--	--	
	11/13/2003	P	--	14.13	--	14,000	--	3,400 J	<100	190	<100	9,800	1.3	
	02/12/2004	--	--	11.22	--	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	11.82	--	--	--	--	--	--	--	--	--	
	08/17/2004	--	--	12.79	--	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	NP	--	12.64	--	7,000	--	3,200	<50	66	<50	480	0.1	
	02/07/2005	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	--	--	10.93	--	--	--	--	--	--	--	--	--	Not Sampled
	08/22/2005	--	--	11.90	--	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	NP	--	12.22	--	9,900	--	2,600	<25	88	35	150	0.4	
	02/01/2006	--	--	10.31	--	--	--	--	--	--	--	--	--	Not Sampled
	05/15/2006	**--**	**--**	**10.82**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Not sampled**
SV-3	11/19/2001	--	--	12.21	--	83	--	8.2	ND<0.50	ND<0.50	ND<0.50	1,400	--	
	2/19/2002	NP	--	10.77	--	30,000	--	24	0.57	ND<0.50	1.1	2,200	--	

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
SV-3	6/20/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	8/21/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	--	--	11.99	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	05/14/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	12.18	--	--	--	--	--	--	--	--	--	
	11/13/2003	P	--	12.71	--	80	--	<2.5	<2.5	<2.5	<2.5	9.8	0.3	
	02/12/2004	--	--	10.60	--	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	11.56	--	--	--	--	--	--	--	--	--	
	08/17/2004	--	--	12.51	--	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	NP	--	11.61	--	<50	--	<0.50	<0.50	<0.50	<0.50	12 J	0.2	
	02/07/2005	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	--	--	10.36	--	--	--	--	--	--	--	--	--	Not Sampled
	08/22/2005	--	--	11.80	--	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	NP	--	11.52	--	<50	--	<0.50	<0.50	<0.50	<0.50	5.5	0.7	
	02/01/2006	--	--	10.07	--	--	--	--	--	--	--	--	--	Not Sampled
	05/15/2006	**--**	**--**	**10.34**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Not sampled**
SV-4	11/19/2001	--	--	12.40	--	NS	--	NS	NS	NS	NS	NS	--	0.04 ft free product present, Not sampled
	2/19/2002	--	--	10.75	--	NS	--	NS	NS	NS	NS	NS	--	Sheen, Not sampled
	6/20/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	8/21/2002	--	--	NM	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	11/19/2002	--	--	11.89	--	NS	--	NS	NS	NS	NS	NS	--	Not sampled
	02/12/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	05/14/2003	--	--	--	--	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	12.52	--	--	--	--	--	--	--	--	--	
	11/13/2003	P	--	13.66	--	50,000	--	8,400	<100	5,400	17,000	1,500	1.2	
	02/12/2004	--	--	10.62	--	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	11.68	--	--	--	--	--	--	--	--	--	
	08/17/2004	--	--	12.62	--	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	NP	--	11.69	--	36,000 J	--	8,100 J	<100	3,400 J	3,400 J	1,100 J	0.2	
	02/07/2005	--	--	--	--	--	--	--	--	--	--	--	--	Not Sampled
	05/10/2005	--	--	10.43	--	--	--	--	--	--	--	--	--	Not Sampled

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	P/ NP	TOC Elevation (feet msl)	Depth to Water (feet bgs)	Water Level Elevation (feet msl)	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MtBE (µg/L)	DO (mg/L)	Comments
SV-4	08/22/2005	--	--	11.83	--	--	--	--	--	--	--	--	--	Not Sampled
	11/09/2005	NP	--	11.45	--	31,000	--	3,700	<25	2,100	1,900	620	0.4	
	02/01/2006	--	--	9.77	--	--	--	--	--	--	--	--	--	Not Sampled
	05/15/2006	**--**	**--**	**10.24**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Not sampled**

Table 1

Groundwater Elevation and Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

TPH = Total petroleum hydrocarbons
MTBE = Methyl tertiary butyl ether
µg/L = Micrograms per liter
P = Purge
NP = No Purge
MSL = Mean Sea Level
TOC = Top of Casing
NS = Not sampled
a = Chromatogram Pattern: Unidentified Hydrocarbons C6-C11
b = Chromatogram Pattern: Weathered Gasoline C6-C12 + Unidentified Hydrocarbons C6-C12
c = This result is from a second dilution of the sample.
d = Confirmed by using EPA Method 8260
e = Depth to water measured 11/20/98.
f = Depth to water measured 2/18/00.
g = Well could not be opened.
h = Analyzed by gasoline range organics (GRO) beginning first quarter 2004 (method 8015B)

Data Qualifier Definitions:
J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
R = The sample results are rejected due to serious deficiencies in the ability to analyze the sample i.e., the pressence or absence of the analyte cannot be verified) or the analyte identification has been rejected (i.e., the pressence of the analyte cannot be verified).

Source : The data within this table collected prior to August 2002 was provided to URS by Group Environmental Management Company and their previous consultants. URS has not verified the accuracy of this information.

Table 2

Fuel Oxygenates Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MtBE (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Comments
AS-1	02/12/2003	--	--	--	--	--	--	--	--	Not Sampled
	05/14/2003	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	--	--	--	--	--	--	Not Sampled
	11/13/2003	<50,000	<10,000	600	<50	<50	<50	<25	<25	
	02/12/2004	--	--	--	--	--	--	--	--	Not Sampled
	05/14/2004	--	--	--	--	--	--	--	--	Not Sampled
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	<10,000	<10,000 UJ	670 J	<100	<100	<100	<50	<50	
	02/07/2005	--	--	--	--	--	--	--	--	
	05/10/2005	--	--	--	--	--	--	--	--	
	08/22/2005	--	--	--	--	--	--	--	--	
	11/09/2005	<5,000	<1,000	370	<25	<25	26	<25	<25	
	02/01/2006	--	--	--	--	--	--	--	--	Not Sampled
MW-1A	02/12/2003	<4,000	<2,000	950	<50	<50	<50	--	--	
	05/14/2003	<50,000 UJ	<10,000 UJ	670 J	<500	<500	<500	--	--	
	08/13/2003	<50,000	<10,000	840	<500	<500	<500	<250	<250	
	11/13/2003	<20,000	<4,000	600	<200	<200	<200	<100	<100	
	02/12/2004	<25,000	<5,000	430	<250	<250	<250	<120	<120	
	05/14/2004	<50,000	<10,000	480	<500	<500	<500	<250	<250	
	08/17/2004	<25,000	<5,000	430	<250	<250	<250	<120	<120	
	11/12/2004	<10,000	<10,000 UJ	530 J	<100	<100	<100	<50	<50	
	02/07/2005	<1,000	480	360	<10	<10	<10	<5.0	<5.0	
	05/10/2005	<50,000	<10,000	370	<250	<250	<250	<250	<250	
	08/22/2005	<50,000 UJ	<10,000 UJ	370 J	<250 UJ	<250 UJ	<250 UJ	<250 UJ	<250 UJ	
	11/09/2005	<10,000	<2,000	370	<50	<50	<50	<50	<50	
	02/01/2006	<30,000	<2,000	290	<50	<50	<50	90	<50	
	05/15/2006	**<30,000 UJ**	**<2,000**	**300**	**<50**	**<50**	**<50**	**<50**	**<50**	
MW-2	02/12/2003	<4,000	<2,000	490	<50	<50	<50	--	--	
	05/14/2003	<5,000 UJ	<1,000 UJ	600 J	<50	<50	<50	--	--	
	08/13/2003	<5,000	<1,000	700	<50	<50	<50	<25	<25	
	11/13/2003	<5,000	<1,000	540	<50	<50	<50	<25	<25	
	02/12/2004	<1,000	560	220	<10	<10	<10	<5.0	<5.0	
	05/14/2004	<10,000	<2,000	220	<100	<100	<100	<50	<50	

Table 2

Fuel Oxygenates Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MtBE (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Comments
MW-2	08/17/2004	<5,000	<1,000	260	<50	<50	<50	<25	<25	
	11/12/2004	<2,500	87,000 J	180	<25	<25	<25	<12	<12	
	02/07/2005	<1,000	910	78	<10	<10	<10	<5.0	<5.0	
	05/10/2005	<500	370	120	<2.5	<2.5	<2.5	<2.5	<2.5	
	08/22/2005	<500 UJ	510 J	110 J	<2.5 UJ	<2.5 UJ	3.6 J	<2.5 UJ	<2.5 UJ	
	11/09/2005	<500	530	78	<2.5	<2.5	4.1	<2.5	<2.5	
	02/01/2006	<600	<40	12	<1.0	<1.0	<1.0	<1.0	<1.0	
	05/15/2006	**<300 UJ**	**150**	**67**	**1.2**	**<0.50**	**2.8**	**<0.50**	**<0.50**	
MW-3	02/12/2003	<40	<20	0.66	<0.50	<0.50	<0.50	--	--	
	05/14/2003	<100 UJ	<20 UJ	<0.50	<1.0	<1.0	<1.0	--	--	
	08/13/2003	<500	<100	83	<5.0	<5.0	<5.0	<2.5	<2.5	
	11/13/2003	<1,000	<200	230	<10	<10	<10	<5.0	<5.0	
	02/12/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/14/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
	08/17/2004	<100	<20	30	<1.0	<1.0	<1.0	<0.50	<0.50	
	11/12/2004	<100	<200 UJ	120 J	<1.0	<1.0	<1.0	<0.50	<0.50	
	02/07/2005	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/22/2005	<100 UJ	<20 UJ	23 J	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	
	11/09/2005	<100	<20	46	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/01/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	05/15/2006	**<300**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-4	02/12/2003	<40	<20	220	<0.50	<0.50	1.1	--	--	
	05/14/2003	<2,000 UJ	<400 UJ	700 J	<20	<20	<20	--	--	
	08/13/2003	<100	<20	1.2	<1.0	<1.0	<1.0	<0.50	<0.50	
	11/13/2003	<100	<20	12	<1.0	<1.0	<1.0	<0.50	<0.50	
	02/12/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/14/2004	<100	<20	<0.50	<1.0	<1.0	<1.0	<0.50	<0.50	
	08/17/2004	<100	<20	11	<1.0	<1.0	<1.0	<0.50	<0.50	
	11/12/2004	<100 UJ	<20 UJ	0.81 J	<1.0 UJ	<1.0 UJ	<1.0 UJ	<0.50 UJ	<0.50 UJ	
	02/07/2005	<100	<20	3.1	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/10/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/22/2005	<100 UJ	<20 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	

Table 2

Fuel Oxygenates Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MtBE (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Comments
MW-4	11/09/2005	<100	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/01/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	05/15/2006	**<300**	**<20**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-5	02/12/2003	--	--	--	--	--	--	--	--	Well Inaccessible
	05/14/2003	--	--	--	--	--	--	--	--	Well Inaccessible
	08/13/2003	--	--	--	--	--	--	--	--	Well Inaccessible
	11/13/2003	--	--	--	--	--	--	--	--	Well Inaccessible
	02/12/2004	--	--	--	--	--	--	--	--	
	05/14/2004	<2,000	<400	370	<20	<20	<20	<10	<10	
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	--	--	--	--	--	--	--	--	Not Sampled
	02/07/2005	--	--	--	--	--	--	--	--	
	05/10/2005	<1,000 UJ	<200	320	<5.0	<5.0	<5.0	<5.0	<5.0	
	08/22/2005	--	--	--	--	--	--	--	--	Not sampled
	11/09/2005	--	--	--	--	--	--	--	--	Not scheduled to be sampled
	02/01/2006	--	--	--	--	--	--	--	--	Not sampled
	05/15/2006	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Not sampled**
MW-6	02/12/2003	<400	<200	<5.0	<5.0	<5.0	<5.0	--	--	
	05/14/2003	<1,000 UJ	1,000 J	44 J	<10	<10	<10	--	--	
	08/13/2003	<500	<100	21	<5.0	<5.0	<5.0	<2.5	<2.5	
	11/13/2003	<500	<100	12	<5.0	<5.0	<5.0	<2.5	<2.5	
	02/12/2004	<100	<20	3.9	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/14/2004	<500	<100	9.8	<5.0	<5.0	<5.0	<2.5	<2.5	
	08/17/2004	<100	<20	6.4	<1.0	<1.0	<1.0	<0.50	<0.50	
	11/12/2004	<500	<100 UJ	31 J	<5.0	<5.0	<5.0	<2.5	<2.5	
	02/07/2005	<100	<20	4.1	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/10/2005	<100 UJ	<20	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/22/2005	<100 UJ	<20 UJ	11 J	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	
	11/09/2005	<100	<20	17	<0.50	<0.50	1.3	<0.50	<0.50	
	02/01/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	05/15/2006	**<300**	**<20**	**1.5**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-7	02/12/2003	--	--	--	--	--	--	--	--	
	05/14/2003	<10,000 UJ	<4,000	1,100	<100	<100	<100	--	--	

Table 2

Fuel Oxygenates Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MtBE (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Comments
MW-7	08/13/2003	--	--	--	--	--	--	--	--	
	02/12/2004	--	--	--	--	--	--	--	--	
	05/14/2004	<2,500	<500	530	<25	<25	<25	<12	<12	
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	--	--	--	--	--	--	--	--	Not Sampled
	02/07/2005	--	--	--	--	--	--	--	--	
	05/10/2005	<200 UJ	<40	140	<1.0	<1.0	<1.0	<1.0	<1.0	
	08/22/2005	--	--	--	--	--	--	--	--	
	11/09/2005	--	--	--	--	--	--	--	--	Not scheduled to be sampled
	02/01/2006	--	--	--	--	--	--	--	--	Not sampled
	05/15/2006	**<600**	**<40**	**90**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	
MW-8	02/12/2003	<4,000	<2,000	2,300	<50	<50	<50	--	--	
	05/14/2003	<10,000 UJ	<2,000 UJ	4,900 J	<100	<100	<100	--	--	
	08/13/2003	<10,000	<2,000	4,700	<100	<100	<100	<50	<50	
	11/13/2003	<10,000	<2,000	3,900	<100	<100	<100	<50	<50	
	02/12/2004	<2,500	2,200	800	<25	<25	<25	<12	<12	
	05/14/2004	<2,500	2,800	250	<25	<25	<25	<12	<12	
	08/17/2004	<100	3,500	33	<1.0	<1.0	<1.0	<0.50	<0.50	
	11/12/2004	<100	1,600 J	<50 UJ	<1.0	<1.0	<1.0	<0.50	<0.50	
	02/07/2005	<100	<20	9.7	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/10/2005	<100 UJ	<20	10	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/22/2005	<100 UJ	<20 UJ	2.4 J	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	
	11/09/2005	<100	<20	3.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/01/2006	<300	<20	0.79	<0.50	<0.50	<0.50	<0.50	<0.50	
	05/15/2006	**<300**	**<20**	**2.6**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-9	02/12/2003	<40	<20	3.4	<0.50	<0.50	<0.50	--	--	
	05/14/2003	<100 UJ	<20 UJ	4.4 J	<1.0	<1.0	<1.0	--	--	
	08/13/2003	<200	<40	42	15	<2.0	<2.0	<1.0	<1.0	
	11/13/2003	<100	<20	49	6.4	<1.0	<1.0	<0.50	<0.50	
	02/12/2004	<100	<20	8.0	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/14/2004	<100	<20	21	11	<1.0	<1.0	<0.50	<0.50	
	08/17/2004	<100	<20	17	23	<1.0	<1.0	<0.50	<0.50	
	11/12/2004	<100 UJ	<20 UJ	39 J	25 J	<1.0 UJ	<1.0 UJ	<0.50 UJ	<0.50 UJ	

Table 2

Fuel Oxygenates Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MtBE (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Comments
MW-9	02/07/2005	<100	<20	2.5	<1.0	<1.0	<1.0	<0.50	<0.50	
	05/10/2005	<100 UJ	<20	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/22/2005	<100 UJ	<20 UJ	1.4 J	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	
	08/25/2005	--	--	--	--	--	--	--	--	
	11/09/2005	<100	<20	12	18	<0.50	<0.50	<0.50	<0.50	
	02/01/2006	<300	<20	0.69	<0.50	<0.50	<0.50	<0.50	<0.50	
	05/15/2006	**<300**	**<20**	**2.7**	**0.58**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
MW-10	02/12/2003	<40	45	88	<0.50	<0.50	2.3	--	--	
	05/14/2003	<200 UJ	<40 UJ	78 J	<2.0 UJ	<2.0 UJ	<2.0 UJ	--	--	
	08/13/2003	<250	<50	82	<2.5	<2.5	<2.5	<1.2	<1.2	
	11/13/2003	<100	<20	4.6	<1.0	<1.0	<1.0	<0.50	<0.50	
	02/12/2004	<100	40	77	<1.0	<1.0	1.8	<0.50	<0.50	
	05/14/2004	<500	<100	64	<5.0	<5.0	<5.0	<2.5	<2.5	
	08/17/2004	<100	<20	20	<1.0	<1.0	<1.0	<0.50	<0.50	
	11/12/2004	<100	48 J	87 J	<1.0	<1.0	1.9	<0.50	<0.50	
	02/07/2005	<500	<100	44	<5.0	<5.0	<5.0	<2.5	<2.5	
	05/10/2005	<100 UJ	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	08/22/2005	<100 UJ	<20 UJ	2.9 J	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ	
	11/09/2005	<100	88	52	<0.50	<0.50	1.9	<0.50	<0.50	
	02/01/2006	<300	<20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	05/15/2006	**<300**	**<20**	**3.4**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	
SV-1	02/12/2003	--	--	--	--	--	--	--	--	
	05/14/2003	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	--	--	--	--	--	--	
	11/13/2003	<500	9,300	96	<5.0	<5.0	<5.0	<2.5	<2.5	
	02/12/2004	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	--	--	--	--	--	--	
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	<100	16,000 J	<50 UJ	1.0	<1.0	1.4	<0.50	<0.50	
	02/07/2005	--	--	--	--	--	--	--	--	
	05/10/2005	--	--	--	--	--	--	--	--	
	08/22/2005	--	--	--	--	--	--	--	--	
	11/09/2005	<1,000	9,300	19	<5.0	<5.0	9.6	<5.0	<5.0	

Table 2

Fuel Oxygenates Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MtBE (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Comments
SV-1	02/01/2006	--	--	--	--	--	--	--	--	Not Sampled
	05/15/2006	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Not sampled**
SV-2	02/12/2003	--	--	--	--	--	--	--	--	
	05/14/2003	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	--	--	--	--	--	--	
	11/13/2003	<20,000	<4,000	9,800	<200	<200	200	<100	<100	
	02/12/2004	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	--	--	--	--	--	--	
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	<10,000	8,700	480	<100	<100	<100	<50	<50	
	02/07/2005	--	--	--	--	--	--	--	--	
	05/10/2005	--	--	--	--	--	--	--	--	
	08/22/2005	--	--	--	--	--	--	--	--	
	11/09/2005	<5,000	8,600	150	<25	<25	27	<25	<25	
	02/01/2006	--	--	--	--	--	--	--	--	Not Sampled
	05/15/2006	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Not sampled**
SV-3	02/12/2003	--	--	--	--	--	--	--	--	
	05/14/2003	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	--	--	--	--	--	--	
	11/13/2003	<500	2,100	9.8	<5.0	<5.0	<5.0	<2.5	<2.5	
	02/12/2004	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	--	--	--	--	--	--	
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	<100	650 J	12 J	<1.0	<1.0	<1.0	<0.50	<0.50	
	02/07/2005	--	--	--	--	--	--	--	--	
	05/10/2005	--	--	--	--	--	--	--	--	
	08/22/2005	--	--	--	--	--	--	--	--	
	11/09/2005	<100	650	5.5	<0.50	<0.50	<0.50	<0.50	<0.50	
	02/01/2006	--	--	--	--	--	--	--	--	Not Sampled
	05/15/2006	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Not sampled**
SV-4	02/12/2003	--	--	--	--	--	--	--	--	
	05/14/2003	--	--	--	--	--	--	--	--	
	08/13/2003	--	--	--	--	--	--	--	--	

Table 2

Fuel Oxygenates Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	Ethanol (µg/L)	TBA (µg/L)	MtBE (µg/L)	DIPE (µg/L)	EtBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Comments
SV-4	11/13/2003	<20,000	<4,000	1,500	<200	<200	<200	<100	<100	
	02/12/2004	--	--	--	--	--	--	--	--	
	05/14/2004	--	--	--	--	--	--	--	--	
	08/17/2004	--	--	--	--	--	--	--	--	Not Sampled
	11/12/2004	<20,000	<4,000	1,100 J	<200	<200	<200	<100	<100	
	02/07/2005	--	--	--	--	--	--	--	--	
	05/10/2005	--	--	--	--	--	--	--	--	
	08/22/2005	--	--	--	--	--	--	--	--	
	11/09/2005	<5,000	<1,000	620	<25	<25	<25	<25	<25	
	02/01/2006	--	--	--	--	--	--	--	--	Not Sampled
	05/15/2006	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**Not sampled**

Table 2

Fuel Oxygenates Analytical Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

NOTES:
All fuel oxygenate compounds analyzed using EPA Method 8260B

DIPE = Di-isopropyl ether
ETBE = Ethyl tert butyl ether
MTBE = Methyl tert-butyl ether
NA = Data not available, not analyzed, or not applicable
< = Less than laboratory reporting limit
NS = Not Sampled
TAME = tert-Amyl methyl ether
µg/L = micrograms per liter
TBA = tert-Butyl alcohol

Table 3

Historical Volatile Organic Compound Data

ARCO Service Station No. 1341
8505 Gravenstein Highway, Cotati, CA

Well Number	Date Sampled	DCE12C (µg/L)	TBA (µg/L)	TAME (µg/L)	IPBZ (µg/L)	PBZN (µg/L)	TMB135 (µg/L)	TMB124 (µg/L)	BTBZS (µg/L)	CYMB (µg/L)	BTBZN (µg/L)	NAPH (µg/L)
MW-1A	8/5/1999	1	610	35	270	720	110	240	35	5	67	1,700
	11/18/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-3	8/5/1999	<0.5	<50	<5	<2	<2	<2	<2	<2	<2	<2	17
	11/18/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	8/5/1999	<1	<100	<10	47	130	<4	<4	<4	<4	24	310
	11/18/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	8/5/1999	<0.5	<50	<5	<2	<2	<2	<2	<2	<2	<2	5
	11/18/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	8/5/1999	<0.5	<50	<5	<2	<2	<2	<2	<2	<2	<2	<2
	11/18/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	8/5/1999	<2.5	<250	<25	<10	<10	<10	<10	<10	<10	<10	<10
	11/18/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-10	8/5/1999	<0.5	<50	<5	<2	<2	<2	<2	<2	<2	<2	<2
	11/18/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

< = Not detected at or above specified laboratory method detection limit
NA = Not analyzed
(µg/L) = Micrograms per liter

DCE12C = cis-1,2-Dichloroethene
TBA = tert-Butyl Alcohol
TAME = tert-Amyl Methyl Ether
IPBZ = Isopropyl-benzene
PBZN = n-Propyl-benzene
TMB135 = 1,3,5-Trimethyl-benzene
TMB124 = 1,2,4-Trimethyl-benzene
BTBZS = sec-Butyl-benzene
CYMP = 4-Isopropyl-toluene
NAPH = Napththalene

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:
Cotati Quadrangle

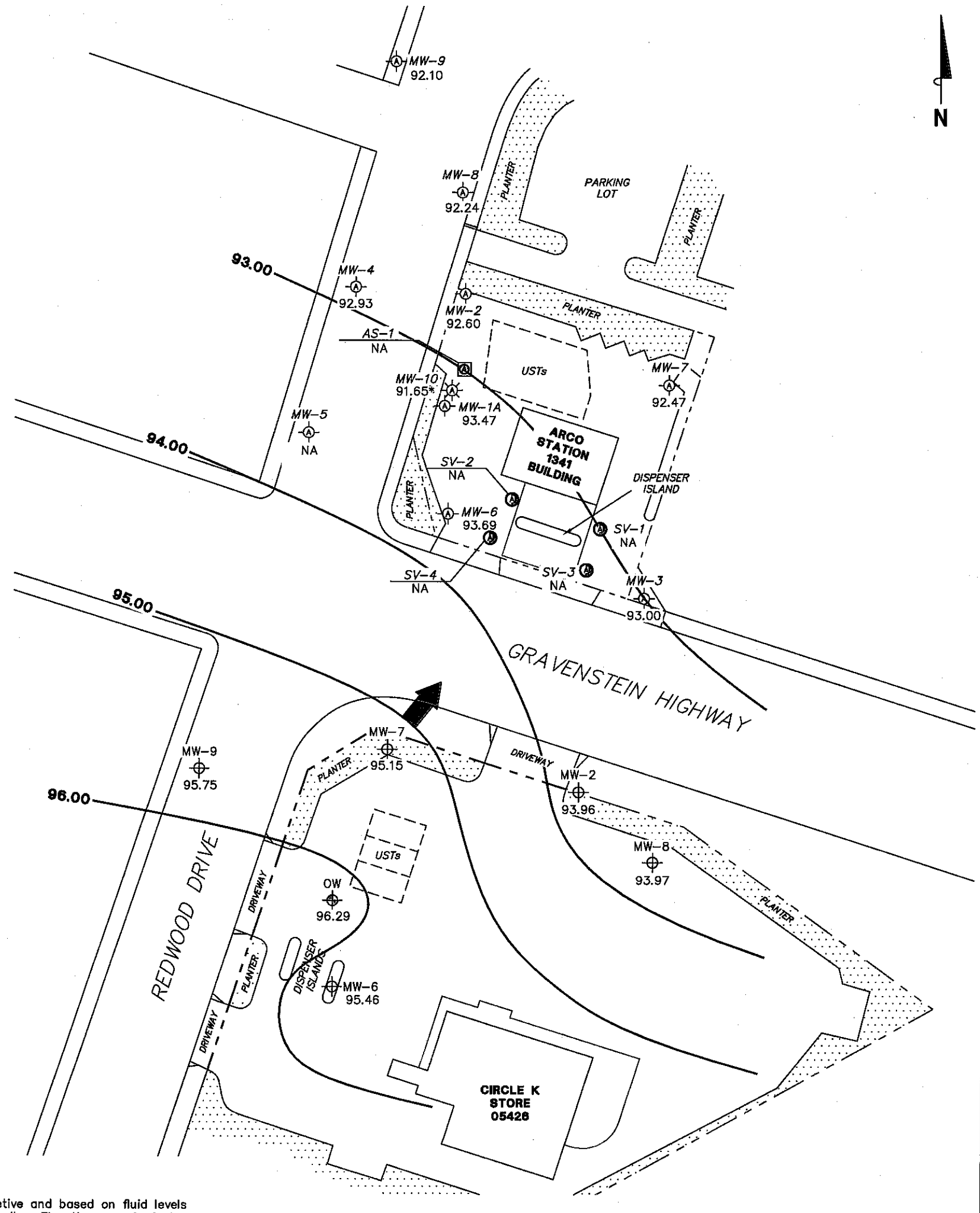
VICINITY MAP

Circle K Store 05426
8510 Gravenstein Highway
Cotati, California

FIGURE 1

TRC

L:\ V I C I N I T Y M A P S\05426vm.dwg Mar 22, 2006 – 1:59pm lwinters



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NA = not analyzed, measured, or collected. UST = underground storage tank.
ARCO Station 1341 data provided by URS Corporation.
* = not included in groundwater contour interpretation.

LEGEND

- MW-9 — Circle K Monitoring Well with Groundwater Elevation (feet)
- OW — Circle K Observation Well
- MW-9 — Arco Monitoring Well
- MW-10 — Arco Lower Zone Monitoring Well
- SV-4 — Arco Vapor Extraction Well
- AS-1 — Arco Air Sparge Point
- 96.00 — Groundwater Elevation Contour
- General Direction of Groundwater Flow

TRC

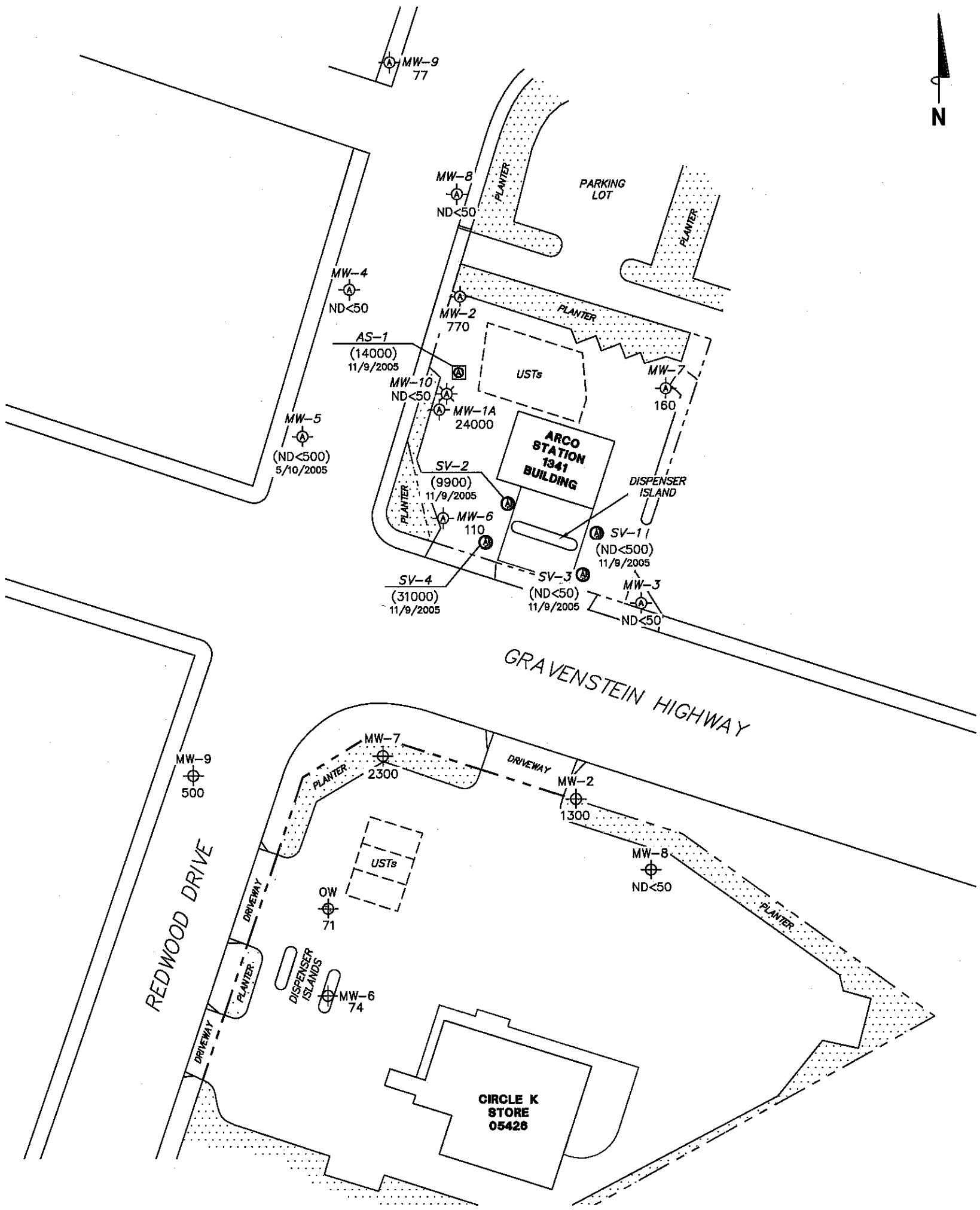
SCALE (FEET)
0 50 100

GROUNDWATER ELEVATION CONTOUR MAP
May 15, 2006

Circle K Store 05426
8510 Gravenstein Highway
Cotati, California

FIGURE 2

PS=1:105426-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\05426+\05426-QMS.DWG Jul 07, 2006 - 9:28am AMartos



NOTES:

TPH-G = total petroleum hydrocarbons as gasoline.
TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank. ( ) = representative of historical value. ARCO Station 1341 data provided by URS Corporation; TPH-G results obtained using EPA Method 8015.

LEGEND

- MW-9 — Circle Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)
- OW — Circle K Observation Well
- MW-9 — Arco Monitoring Well with Dissolved-Phase TPH-G Concentration (µg/l)
- MW-10 — Arco Lower Zone Monitoring Well
- SV-4 — Arco Vapor Extraction Well
- AS-1 — Arco Air Sparge Point

TRC

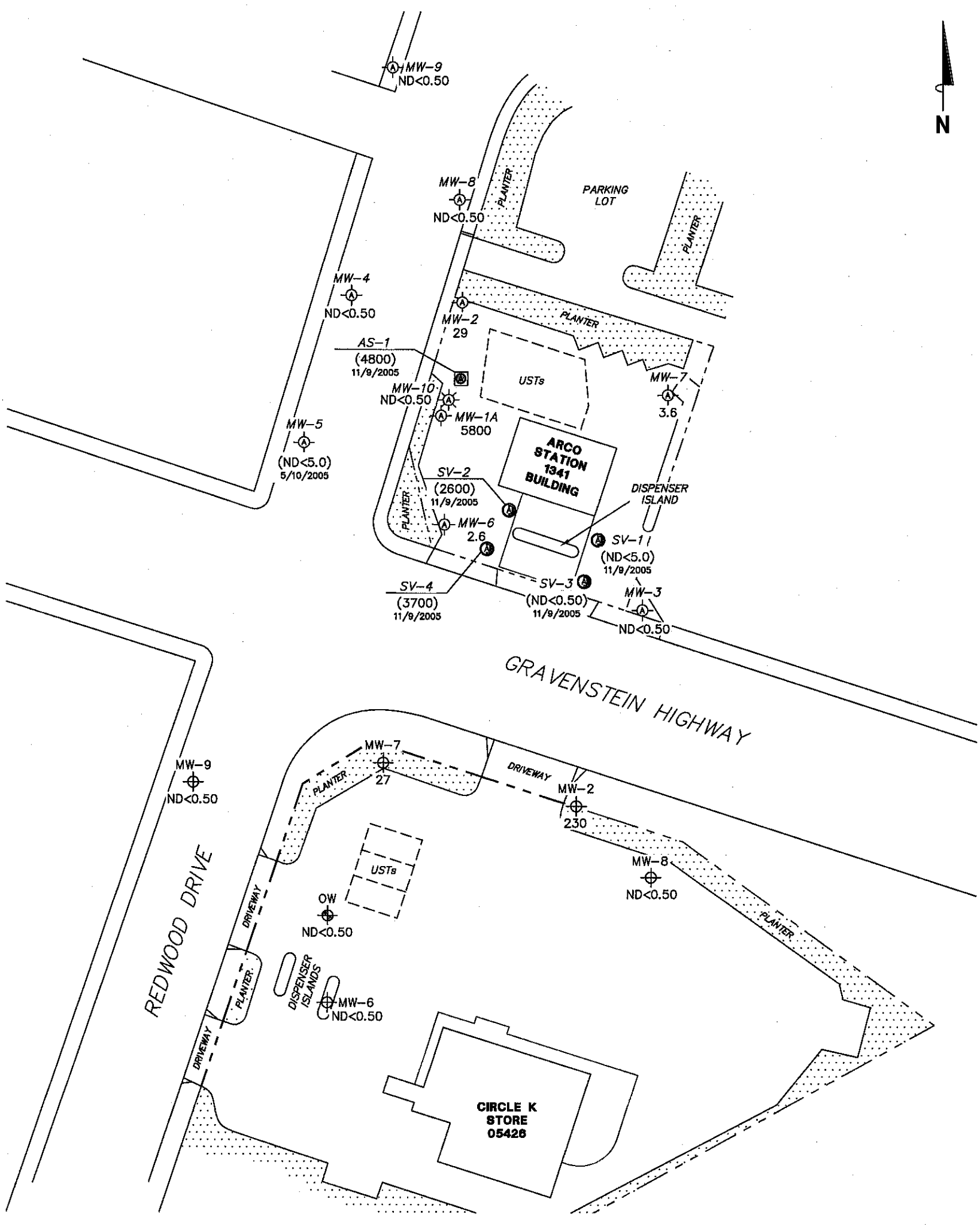
SCALE (FEET)
0 50 100

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP May 15, 2006

Circle K Store 05426
8510 Gravenstein Highway
Cotati, California

FIGURE 3

PS=1:105426-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\05426+\05426-QMS.DWG Jul 03, 2006 - 4:38pm AMartos



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank.
( ) = representative of historical value. ARCO Station 1341 data provided by URS Corporation.

LEGEND

- MW-9 — Circle K Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)
- OW — Circle K Observation Well
- MW-9 — Arco Monitoring Well
- MW-10 — Arco Lower Zone Monitoring Well
- SV-4 — Arco Vapor Extraction Well
- AS-1 — Arco Air Sparge Point

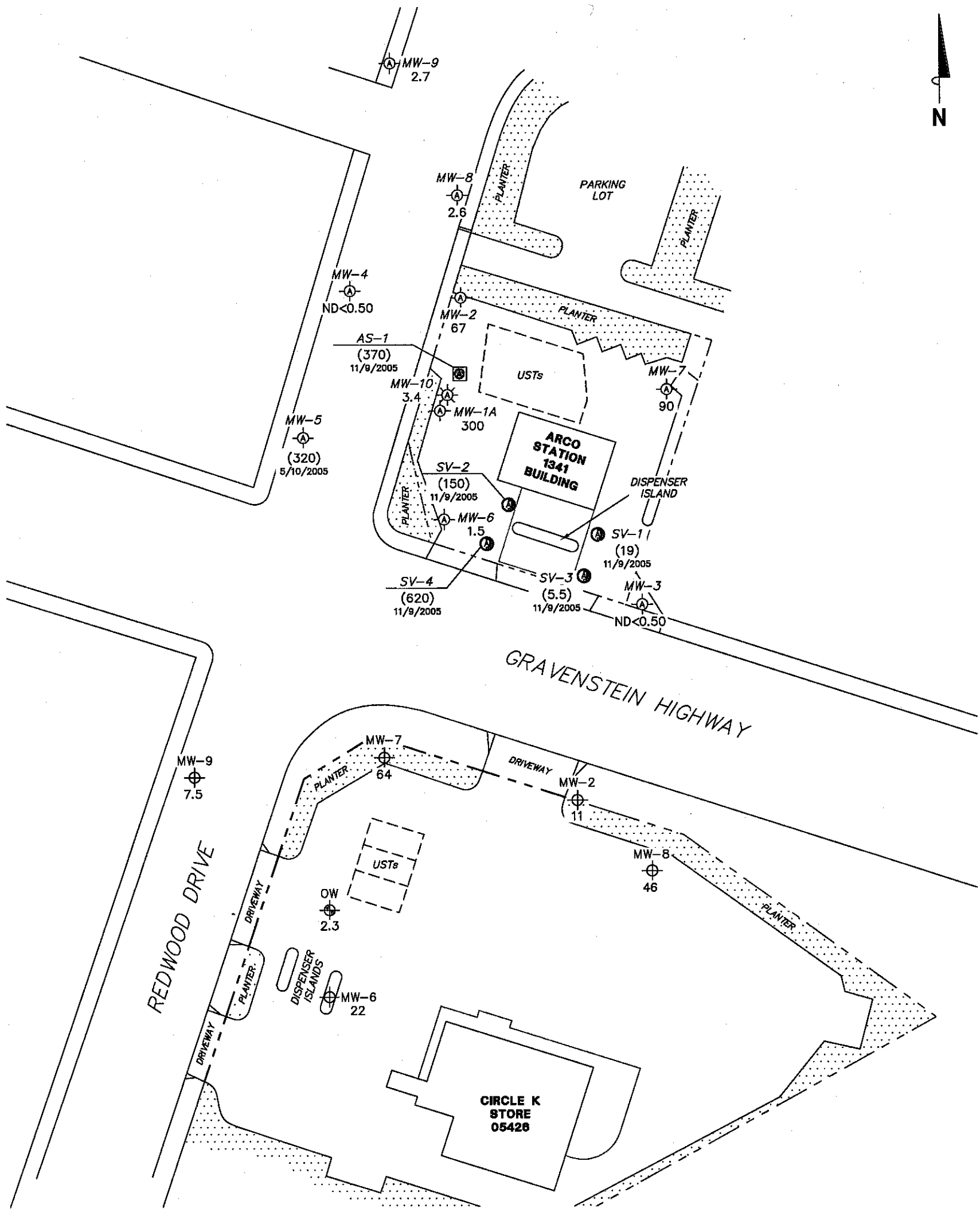
TRC

SCALE (FEET)
0 50 100

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
May 15, 2006

Circle K Store 05426
8510 Gravenstein Highway
Cotati, California

FIGURE 4



NOTES:

MTBE = methyl tertiary butyl ether.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank. ( ) = representative of historical value. ARCO Station 1341 data provided by URS Corporation. Results obtained using EPA Method 8260B.

LEGEND

- MW-9 — Circle K Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)
- OW — Circle K Observation
- MW-9 — Arco Monitoring Well
- MW-10 — Arco Lower Zone Monitoring Well
- SV-4 — Arco Vapor Extraction Well
- AS-1 — Arco Air Sparge Point

TRC

SCALE (FEET)
0 50 100

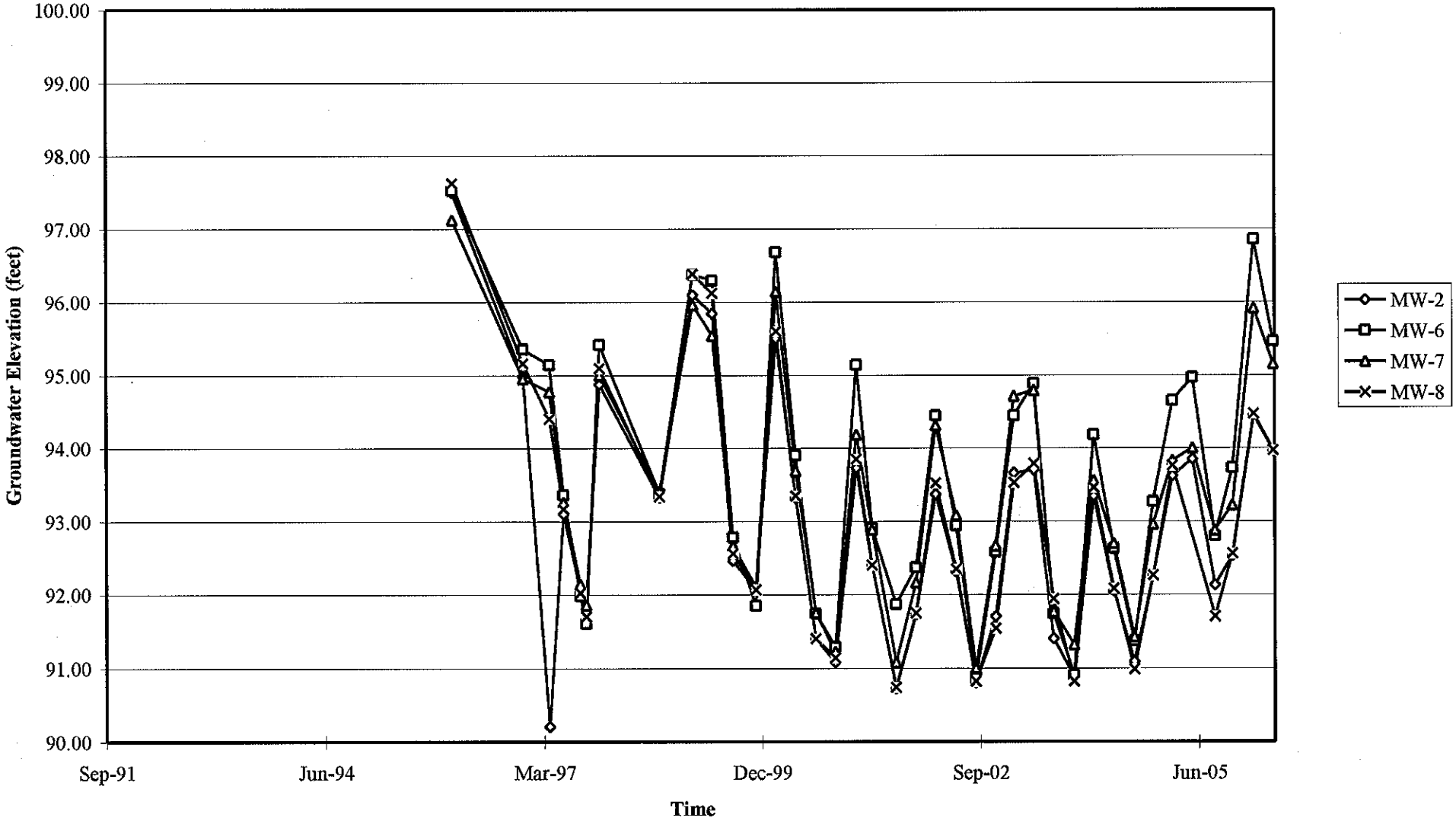
DISSOLVED-PHASE MTBE CONCENTRATION MAP
May 15, 2006

Circle K Store 05426
8510 Gravenstein Highway
Cotati, California

FIGURE 5

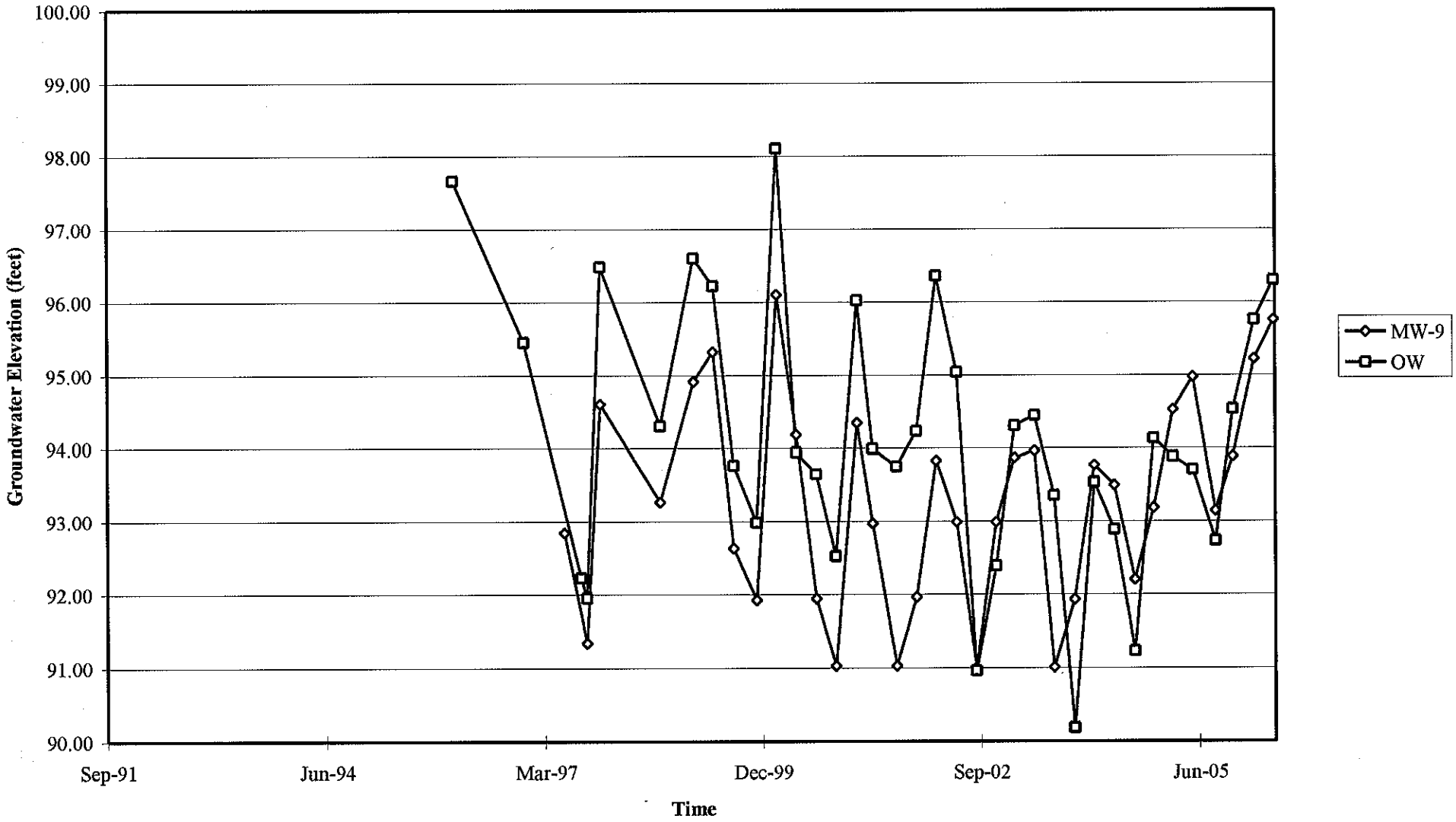
GRAPHS

Groundwater Elevations vs. Time
Circle K Store 05426



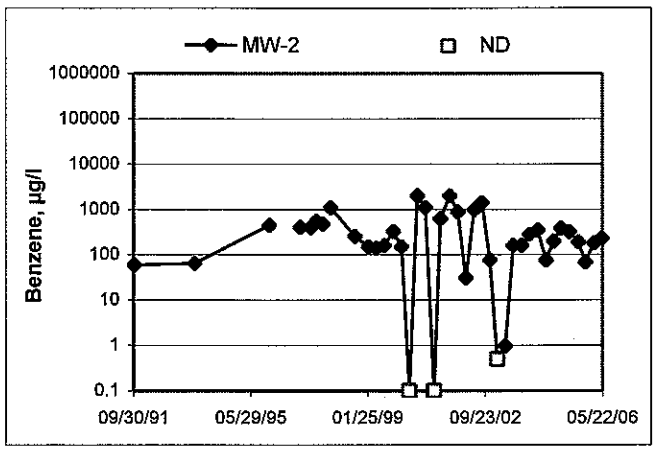
Elevations may have been corrected for apparent changes due to resurvey

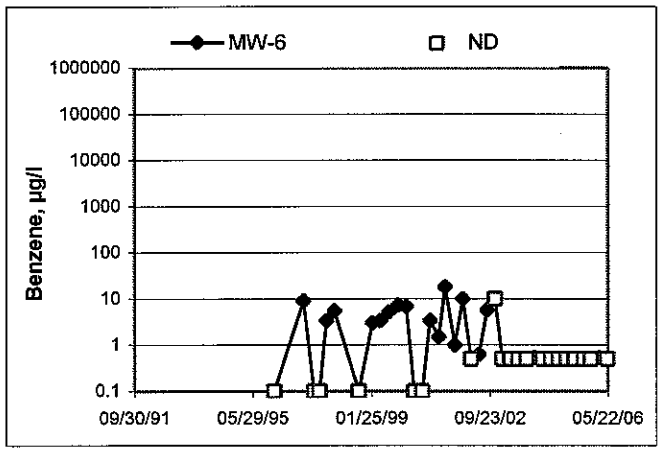
Groundwater Elevations vs. Time
Circle K Store 05426

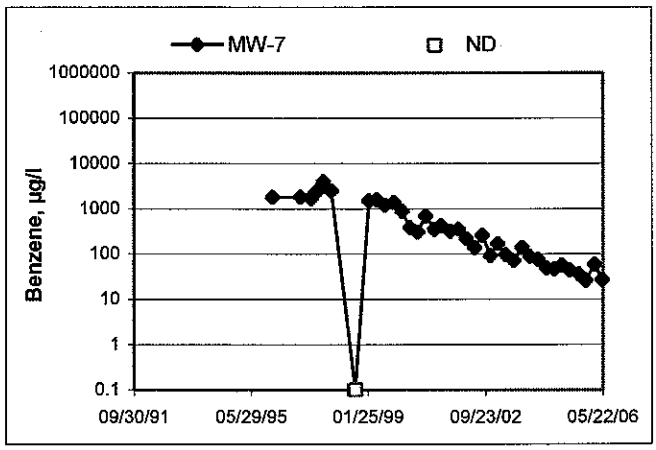


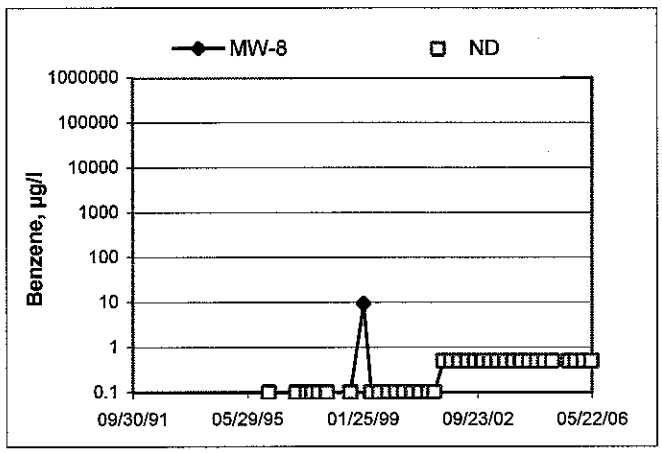
Elevations may have been corrected for apparent changes due to resurvey

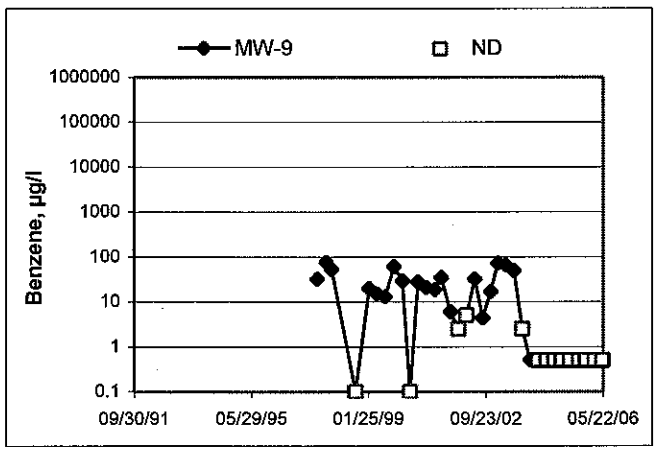
Benzene Concentrations vs Time
Circle K Store 05426

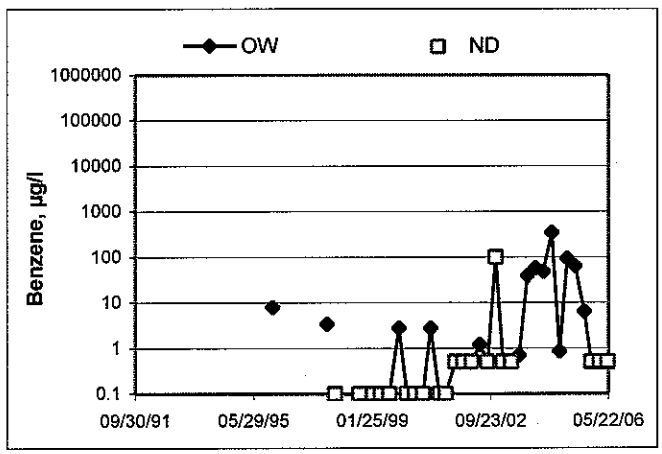




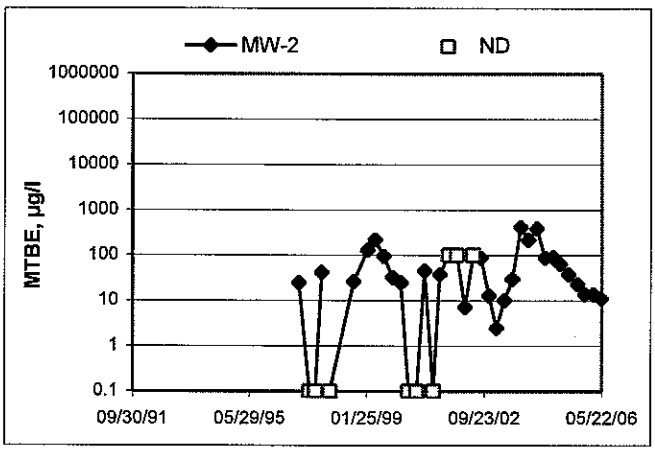


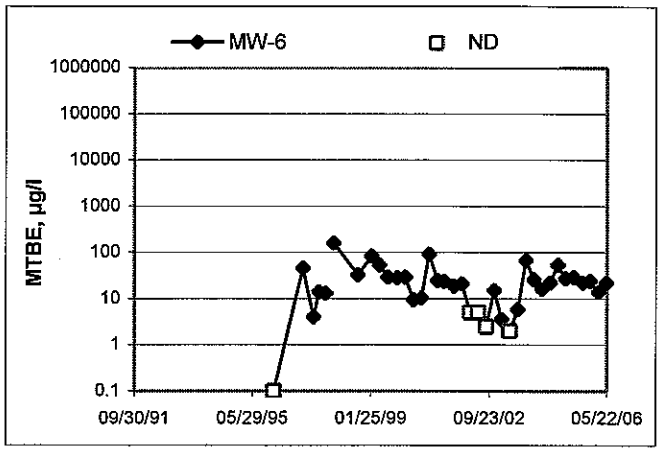


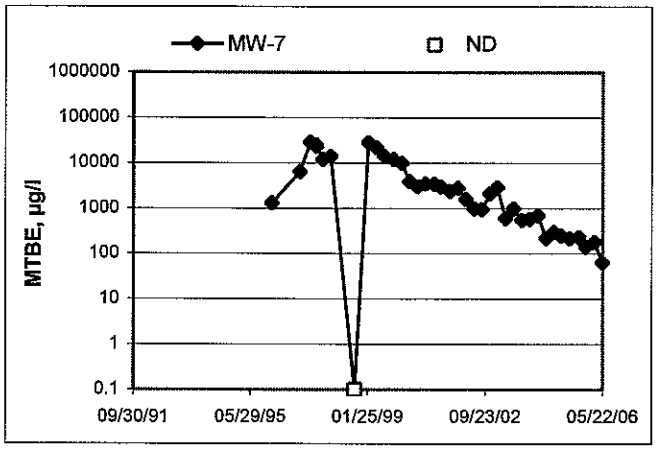


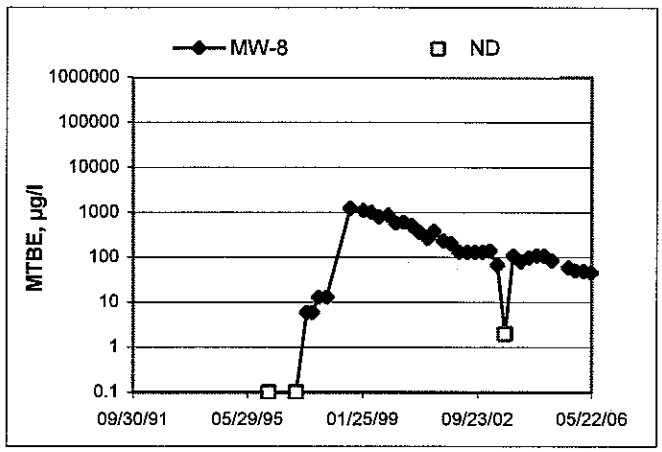


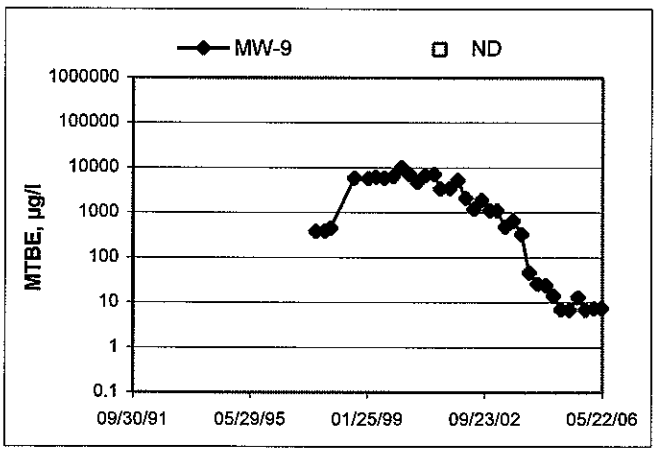
MTBE Concentrations vs Time
Circle K Store 05426

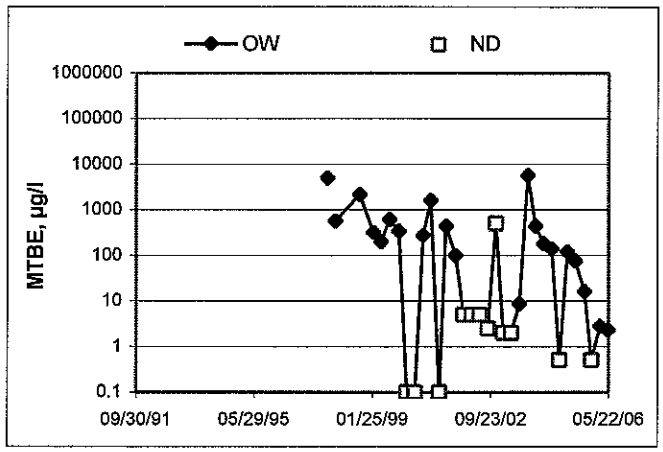












GENERAL FIELD PROCEDURES

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: JOE Job #/Task #: 41050001 Date: ~~05-20-05~~ 05-15-06

Site # 05426 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-9	0537	X	17.56	6.89	—	—	0647	2"
OW	0544	X	18.91	7.49	—	—	1041	24"
MW-6	0550	X	20.04	8.79	—	—	1117	2"
MW-2	0557	X	20.09	9.02	—	—	1138	2"
MW-8	0602	X	19.25	9.23	—	—	1200	2"
MW-7	0608	X	20.05	8.67	—	—	1221	2"

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

WTT CERTIFICATE MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL ✓

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 05426 Project No.: 41050001 Date: 05-15-06

Well No.: MW-9 Purge Method: DIA

Depth to Water (feet): 6.89 Depth to Product (feet): —

Total Depth (feet): 17.56 LPH & Water Recovered (gallons): —

Water Column (feet): 10.67 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.02 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.
0638			2	660.2	17.7	6.39		
			4	669.5	17.4	6.49		
	0641		6	682.3	17.4	6.60		

Static at Time Sampled		Total Gallons Purged	Time Sampled
7.75		6	0647

Comments:

Well No.: OW Purge Method: DIA

Depth to Water (feet): 7.49 Depth to Product (feet): —

Total Depth (feet): 18.91 LPH & Water Recovered (gallons): —

Water Column (feet): 11.42 Casing Diameter (Inches): 24"

80% Recharge Depth (feet): 9.77 1 Well Volume (gallons): 266

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
0705			266	299.7	17.6	6.49		
			532	309.5	17.8	7.03		
	1037		798	307.3	19.2	7.31		

Static at Time Sampled		Total Gallons Purged	Time Sampled
7.75		798	1041

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 05426 Project No.: 41050001 Date: 05-15-06

Well No.: MW-6 Purge Method: DIA

Depth to Water (feet): 8.79 Depth to Product (feet): —

Total Depth (feet): 20.04 LPH & Water Recovered (gallons): —

Water Column (feet): 11.25 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.04 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.
1109			2	9934	21.6	6.87		
			4	1436	20.9	6.92		
	1111		6	1324	20.7	7.01		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.02	6	1117

Comments:

Well No.: MW-2 Purge Method: DIA

Depth to Water (feet): 9.02 Depth to Product (feet): —

Total Depth (feet): 20.09 LPH & Water Recovered (gallons): —

Water Column (feet): 11.07 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.23 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.
1128			2	845.2	21.5	7.11		
			4	961.3	21.1	6.73		
	1130		6	986.1	20.6	6.65		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.10	6	1138

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 05426 Project No.: 41050001 Date: 05-15-06

Well No.: MW-8 Purge Method: DIA

Depth to Water (feet): 9.23 Depth to Product (feet): —

Total Depth (feet): 19.25 LPH & Water Recovered (gallons): —

Water Column (feet): 10.02 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.23 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.
1152			2	1059	22.3	7.13		
			4	1058	21.3	7.01		
	1154		6	1062	22.3	7.20		

Static at Time Sampled		Total Gallons Purged	Time Sampled
10.42		6	1200

Comments:

Well No.: MW-7 Purge Method: DIA

Depth to Water (feet): 8.67 Depth to Product (feet): —

Total Depth (feet): 20.05 LPH & Water Recovered (gallons): —

Water Column (feet): 11.38 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.94 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.
1214			2	756.3	21.9	7.32		
			4	749.3	21.2	7.13		
	1216		6	736.9	20.5	7.02		

Static at Time Sampled		Total Gallons Purged	Time Sampled
9.70		6	1221

Comments:

BC Laboratories, Inc

Date of Report: 06/12/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 05426

BC Lab Number: 0604846

Enclosed are the results of analyses for samples received by the laboratory on 05/15/06 22:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

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BC Laboratories, Inc

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 05426 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 06/12/06 15:22

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0604846-01	**COC Number:** ---		**Receive Date:** 05/15/06 22:30	Delivery Work Order:	
	Project Number: 05426		**Sampling Date:** 05/15/06 11:38	Global ID: T0609700386	
	Sampling Location: MW-2		**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-2		**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Joe Lewis of TRCI			Cooler ID:	
0604846-02	**COC Number:** ---		**Receive Date:** 05/15/06 22:30	Delivery Work Order:	
	Project Number: 05426		**Sampling Date:** 05/15/06 11:17	Global ID: T0609700386	
	Sampling Location: MW-6		**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-6		**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Joe Lewis of TRCI			Cooler ID:	
0604846-03	**COC Number:** ---		**Receive Date:** 05/15/06 22:30	Delivery Work Order:	
	Project Number: 05426		**Sampling Date:** 05/15/06 12:21	Global ID: T0609700386	
	Sampling Location: MW-7		**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-7		**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Joe Lewis of TRCI			Cooler ID:	
0604846-04	**COC Number:** ---		**Receive Date:** 05/15/06 22:30	Delivery Work Order:	
	Project Number: 05426		**Sampling Date:** 05/15/06 12:08	Global ID: T0609700386	
	Sampling Location: MW-8		**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-8		**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Joe Lewis of TRCI			Cooler ID:	
0604846-05	**COC Number:** ---		**Receive Date:** 05/15/06 22:30	Delivery Work Order:	
	Project Number: 05426		**Sampling Date:** 05/15/06 06:47	Global ID: T0609700386	
	Sampling Location: MW-9		**Sample Depth:** ---	Matrix: W	
	Sampling Point: MW-9		**Sample Matrix:** Water	Samle QC Type (SACode): CS	
	Sampled By: Joe Lewis of TRCI			Cooler ID:	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 05426 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 06/12/06 15:22

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0604846-06	**COC Number:** ---		**Receive Date:** 05/15/06 22:30		Delivery Work Order:
	Project Number: 05426		**Sampling Date:** 05/15/06 10:41		Global ID: T0609700386
	Sampling Location: OW		**Sample Depth:** ---		Matrix: W
	Sampling Point: OW		**Sample Matrix:** Water		Samle QC Type (SACode): CS
	Sampled By: Joe Lewis of TRCI				Cooler ID:

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BC Laboratories, Inc

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

Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604846-01 | **Client Sample Name:** 05426, MW-2, MW-2, 5/15/2006 11:38:00AM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	230	ug/L	5.0		EPA-8260	05/22/06	05/26/06 01:45	DKC	MS-V6	10	BPE1148	ND	A01
Ethylbenzene	15	ug/L	5.0		EPA-8260	05/22/06	05/26/06 01:45	DKC	MS-V6	10	BPE1148	ND	A01
Methyl t-butyl ether	11	ug/L	5.0		EPA-8260	05/22/06	05/26/06 01:45	DKC	MS-V6	10	BPE1148	ND	A01
Toluene	ND	ug/L	5.0		EPA-8260	05/22/06	05/26/06 01:45	DKC	MS-V6	10	BPE1148	ND	A01
Total Xylenes	26	ug/L	10		EPA-8260	05/22/06	05/26/06 01:45	DKC	MS-V6	10	BPE1148	ND	A01
Total Purgeable Petroleum Hydrocarbons	1300	ug/L	500		EPA-8260	05/22/06	05/26/06 01:45	DKC	MS-V6	10	BPE1148	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	05/22/06	05/26/06 01:45	DKC	MS-V6	10	BPE1148		
Toluene-d8 (Surrogate)	98.6	%	88 - 110 (LCL - UCL)		EPA-8260	05/22/06	05/26/06 01:45	DKC	MS-V6	10	BPE1148		
4-Bromofluorobenzene (Surrogate)	98.4	%	86 - 115 (LCL - UCL)		EPA-8260	05/22/06	05/26/06 01:45	DKC	MS-V6	10	BPE1148		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 05426 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 06/12/06 15:22

Total Petroleum Hydrocarbons

BCL Sample ID: 0604846-01 | **Client Sample Name:** 05426, MW-2, MW-2, 5/15/2006 11:38:00AM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	360	ug/L	200		Luft/TPHd	05/26/06	06/08/06 04:04	VTR	GC-2	1	BPF0330	ND	A52
Tetracosane (Surrogate)	81.9	%	44 - 127 (LCL - UCL)		Luft/TPHd	05/26/06	06/08/06 04:04	VTR	GC-2	1	BPF0330		V11

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Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604846-02 | **Client Sample Name:** 05426, MW-6, MW-6, 5/15/2006 11:17:00AM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	05/22/06	05/25/06 02:16	DKC	MS-V6	1	BPE1148	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	05/22/06	05/25/06 02:16	DKC	MS-V6	1	BPE1148	ND	
Methyl t-butyl ether	22	ug/L	0.50		EPA-8260	05/22/06	05/25/06 02:16	DKC	MS-V6	1	BPE1148	ND	
Toluene	ND	ug/L	0.50		EPA-8260	05/22/06	05/25/06 02:16	DKC	MS-V6	1	BPE1148	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	05/22/06	05/25/06 02:16	DKC	MS-V6	1	BPE1148	ND	
Total Purgeable Petroleum Hydrocarbons	74	ug/L	50		EPA-8260	05/22/06	05/25/06 02:16	DKC	MS-V6	1	BPE1148	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 02:16	DKC	MS-V6	1	BPE1148		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 02:16	DKC	MS-V6	1	BPE1148		
4-Bromofluorobenzene (Surrogate)	98.4	%	86 - 115 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 02:16	DKC	MS-V6	1	BPE1148		

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Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Total Petroleum Hydrocarbons

BCL Sample ID: 0604846-02 | **Client Sample Name:** 05426, MW-6, MW-6, 5/15/2006 11:17:00AM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	200		Luft/TPHd	05/26/06	06/08/06 04:27	VTR	GC-2	1	BPF0330	ND	
Tetracosane (Surrogate)	97.0	%	44 - 127 (LCL - UCL)		Luft/TPHd	05/26/06	06/08/06 04:27	VTR	GC-2	1	BPF0330		V11

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Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604846-03 | **Client Sample Name:** 05426, MW-7, MW-7, 5/15/2006 12:21:00PM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	27	ug/L	0.50		EPA-8260	05/22/06	05/26/06 14:00	DKC	MS-V6	1	BPE1148	ND	A39
Ethylbenzene	70	ug/L	0.50		EPA-8260	05/22/06	05/26/06 14:00	DKC	MS-V6	1	BPE1148	ND	A39
Methyl t-butyl ether	64	ug/L	0.50		EPA-8260	05/22/06	05/26/06 14:00	DKC	MS-V6	1	BPE1148	ND	A39
Toluene	ND	ug/L	0.50		EPA-8260	05/22/06	05/26/06 14:00	DKC	MS-V6	1	BPE1148	ND	A39
Total Xylenes	22	ug/L	1.0		EPA-8260	05/22/06	05/26/06 14:00	DKC	MS-V6	1	BPE1148	ND	A39
Total Purgeable Petroleum Hydrocarbons	2300	ug/L	500		EPA-8260	05/22/06	05/26/06 02:10	DKC	MS-V6	10	BPE1148	ND	A01, A39
1,2-Dichloroethane-d4 (Surrogate)	96.7	%	76 - 114 (LCL - UCL)		EPA-8260	05/22/06	05/26/06 02:10	DKC	MS-V6	10	BPE1148		
1,2-Dichloroethane-d4 (Surrogate)	99.7	%	76 - 114 (LCL - UCL)		EPA-8260	05/22/06	05/26/06 14:00	DKC	MS-V6	1	BPE1148		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	05/22/06	05/26/06 02:10	DKC	MS-V6	10	BPE1148		
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)		EPA-8260	05/22/06	05/26/06 14:00	DKC	MS-V6	1	BPE1148		
4-Bromofluorobenzene (Surrogate)	98.4	%	86 - 115 (LCL - UCL)		EPA-8260	05/22/06	05/26/06 02:10	DKC	MS-V6	10	BPE1148		
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	05/22/06	05/26/06 14:00	DKC	MS-V6	1	BPE1148		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 05426 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 06/12/06 15:22

Total Petroleum Hydrocarbons

BCL Sample ID: 0604846-03 **Client Sample Name:** 05426, MW-7, MW-7, 5/15/2006 12:21:00PM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	570	ug/L	200		Luft/TPHd	05/26/06	06/08/06 04:50	VTR	GC-2	1	BPF0330	ND	A52
Tetracosane (Surrogate)	91.5	%	44 - 127 (LCL - UCL)		Luft/TPHd	05/26/06	06/08/06 04:50	VTR	GC-2	1	BPF0330		V11

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Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604846-04 | **Client Sample Name:** 05426, MW-8, MW-8, 5/15/2006 12:08:00PM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	05/22/06	05/25/06 02:41	DKC	MS-V6	1	BPE1148	ND	A39
Ethylbenzene	ND	ug/L	0.50		EPA-8260	05/22/06	05/25/06 02:41	DKC	MS-V6	1	BPE1148	ND	A39
Methyl t-butyl ether	46	ug/L	0.50		EPA-8260	05/22/06	05/25/06 02:41	DKC	MS-V6	1	BPE1148	ND	A39
Toluene	ND	ug/L	0.50		EPA-8260	05/22/06	05/25/06 02:41	DKC	MS-V6	1	BPE1148	ND	A39
Total Xylenes	ND	ug/L	1.0		EPA-8260	05/22/06	05/25/06 02:41	DKC	MS-V6	1	BPE1148	ND	A39
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	05/22/06	05/25/06 02:41	DKC	MS-V6	1	BPE1148	ND	A53, A39
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 02:41	DKC	MS-V6	1	BPE1148		
Toluene-d8 (Surrogate)	99.6	%	88 - 110 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 02:41	DKC	MS-V6	1	BPE1148		
4-Bromofluorobenzene (Surrogate)	94.6	%	86 - 115 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 02:41	DKC	MS-V6	1	BPE1148		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 05426 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 06/12/06 15:22

Total Petroleum Hydrocarbons

BCL Sample ID: 0604846-04 | **Client Sample Name:** 05426, MW-8, MW-8, 5/15/2006 12:08:00PM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	200		Luft/TPHd	05/26/06	06/08/06 05:14	VTR	GC-2	1	BPF0330	ND	
Tetracosane (Surrogate)	75.3	%	44 - 127 (LCL - UCL)		Luft/TPHd	05/26/06	06/08/06 05:14	VTR	GC-2	1	BPF0330		V11

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 05426 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 06/12/06 15:22

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604846-05 | **Client Sample Name:** 05426, MW-9, MW-9, 5/15/2006 6:47:00AM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	05/22/06	05/25/06 05:25	DKC	MS-V6	1	BPE1148	ND	
Ethylbenzene	2.0	ug/L	0.50		EPA-8260	05/22/06	05/25/06 05:25	DKC	MS-V6	1	BPE1148	ND	
Methyl t-butyl ether	7.5	ug/L	0.50		EPA-8260	05/22/06	05/25/06 05:25	DKC	MS-V6	1	BPE1148	ND	
Toluene	ND	ug/L	0.50		EPA-8260	05/22/06	05/25/06 05:25	DKC	MS-V6	1	BPE1148	ND	
Total Xylenes	1.1	ug/L	1.0		EPA-8260	05/22/06	05/25/06 05:25	DKC	MS-V6	1	BPE1148	ND	
Total Purgeable Petroleum Hydrocarbons	500	ug/L	50		EPA-8260	05/22/06	05/25/06 05:25	DKC	MS-V6	1	BPE1148	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.9	%	76 - 114 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 05:25	DKC	MS-V6	1	BPE1148		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 05:25	DKC	MS-V6	1	BPE1148		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 05:25	DKC	MS-V6	1	BPE1148		

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BC Laboratories, Inc

TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 05426 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 06/12/06 15:22

Total Petroleum Hydrocarbons

BCL Sample ID: 0604846-05 | **Client Sample Name:** 05426, MW-9, MW-9, 5/15/2006 6:47:00AM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	ND	ug/L	200		Luft/TPHd	05/26/06	06/08/06 05:37	VTR	GC-2	1	BPF0330	ND	
Tetracosane (Surrogate)	65.4	%	44 - 127 (LCL - UCL)		Luft/TPHd	05/26/06	06/08/06 05:37	VTR	GC-2	1	BPF0330		V11

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Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604846-06 | **Client Sample Name:** 05426, OW, OW, 5/15/2006 10:41:00AM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	05/22/06	05/25/06 05:50	DKC	MS-V6	1	BPE1148	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	05/22/06	05/25/06 05:50	DKC	MS-V6	1	BPE1148	ND	
Methyl t-butyl ether	2.3	ug/L	0.50		EPA-8260	05/22/06	05/25/06 05:50	DKC	MS-V6	1	BPE1148	ND	
Toluene	2.1	ug/L	0.50		EPA-8260	05/22/06	05/25/06 05:50	DKC	MS-V6	1	BPE1148	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	05/22/06	05/25/06 05:50	DKC	MS-V6	1	BPE1148	ND	
Total Purgeable Petroleum Hydrocarbons	71	ug/L	50		EPA-8260	05/22/06	05/25/06 05:50	DKC	MS-V6	1	BPE1148	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 05:50	DKC	MS-V6	1	BPE1148		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 05:50	DKC	MS-V6	1	BPE1148		
4-Bromofluorobenzene (Surrogate)	94.5	%	86 - 115 (LCL - UCL)		EPA-8260	05/22/06	05/25/06 05:50	DKC	MS-V6	1	BPE1148		

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Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Total Petroleum Hydrocarbons

BCL Sample ID: 0604846-06 | **Client Sample Name:** 05426, OW, OW, 5/15/2006 10:41:00AM, Joe Lewis

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	7300	ug/L	400		Luft/TPHd	05/26/06	06/08/06 14:08	VTR	GC-2	2	BPF0330	ND	A01, A52
Tetracosane (Surrogate)	90.6	%	44 - 127 (LCL - UCL)		Luft/TPHd	05/26/06	06/08/06 14:08	VTR	GC-2	2	BPF0330		V11

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Irvine CA, 92618-2302

Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BPE1148	BPE1148-MS1	Matrix Spike	ND	26.013	25.000	ug/L		104		70 - 130	
		BPE1148-MSD1	Matrix Spike Duplicate	ND	24.340	25.000	ug/L	6.55	97.4	20	70 - 130	
Toluene	BPE1148	BPE1148-MS1	Matrix Spike	ND	23.638	25.000	ug/L		94.6		70 - 130	
		BPE1148-MSD1	Matrix Spike Duplicate	ND	21.474	25.000	ug/L	9.64	85.9	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPE1148	BPE1148-MS1	Matrix Spike	ND	8.2800	10.000	ug/L		82.8		76 - 114	
		BPE1148-MSD1	Matrix Spike Duplicate	ND	8.2787	10.000	ug/L		82.8		76 - 114	
Toluene-d8 (Surrogate)	BPE1148	BPE1148-MS1	Matrix Spike	ND	9.7355	10.000	ug/L		97.4		88 - 110	
		BPE1148-MSD1	Matrix Spike Duplicate	ND	9.6263	10.000	ug/L		96.3		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPE1148	BPE1148-MS1	Matrix Spike	ND	9.4381	10.000	ug/L		94.4		86 - 115	
		BPE1148-MSD1	Matrix Spike Duplicate	ND	9.5625	10.000	ug/L		95.6		86 - 115	

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

Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Diesel Range Organics (C12 - C24)	BPF0330	BPF0330-MS1	Matrix Spike	ND	2780.7	2500.0	ug/L		111		41 - 139	
		BPF0330-MSD1	Matrix Spike Duplicate	ND	2221.5	2500.0	ug/L	22.1	88.9	30	41 - 139	
Tetracosane (Surrogate)	BPF0330	BPF0330-MS1	Matrix Spike	ND	104.48	100.00	ug/L		104		44 - 127	V11
		BPF0330-MSD1	Matrix Spike Duplicate	ND	86.610	100.00	ug/L		86.6		44 - 127	V11

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 05426 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 06/12/06 15:22

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BPE1148	BPE1148-BS1	LCS	29.972	25.000	0.50	ug/L	120		70 - 130		
Toluene	BPE1148	BPE1148-BS1	LCS	26.378	25.000	0.50	ug/L	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPE1148	BPE1148-BS1	LCS	8.6672	10.000		ug/L	86.7		76 - 114		
Toluene-d8 (Surrogate)	BPE1148	BPE1148-BS1	LCS	9.4964	10.000		ug/L	95.0		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPE1148	BPE1148-BS1	LCS	9.5424	10.000		ug/L	95.4		86 - 115		

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

Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Diesel Range Organics (C12 - C24)	BPF0330	BPF0330-BS1	LCS	1876.7	2500.0	200	ug/L	75.1		62 - 101		
Tetracosane (Surrogate)	BPF0330	BPF0330-BS1	LCS	69.230	100.00		ug/L	69.2		44 - 127		V11

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

Project: 05426
Project Number: [none]
Project Manager: Anju Farfan

Reported: 06/12/06 15:22

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BPE1148	BPE1148-BLK1	ND	ug/L	0.50	0.12	
Ethylbenzene	BPE1148	BPE1148-BLK1	ND	ug/L	0.50	0.13	
Methyl t-butyl ether	BPE1148	BPE1148-BLK1	ND	ug/L	0.50	0.15	
Toluene	BPE1148	BPE1148-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BPE1148	BPE1148-BLK1	ND	ug/L	1.0	0.40	
Total Purgeable Petroleum Hydrocarbons	BPE1148	BPE1148-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BPE1148	BPE1148-BLK1	86.3	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPE1148	BPE1148-BLK1	97.5	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPE1148	BPE1148-BLK1	86.5	%	86 - 115 (LCL - UCL)		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 05426 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 06/12/06 15:22

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BPF0330	BPF0330-BLK1	ND	ug/L	200	43	
Tetracosane (Surrogate)	BPF0330	BPF0330-BLK1	85.5	%	44 - 127 (LCL - UCL)		V11

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 05426 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 06/12/06 15:22

Notes and Definitions

V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
J	Estimated value
A53	Chromatogram not typical of gasoline.
A52	Chromatogram not typical of diesel.
A39	Sample received at pH greater than 2.
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 10 01/21/04 Page __ Of __

Submission #: 06-04846 | Project Code: | TB Batch #

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ Comments:

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

COC Received ☑ YES ☐ NO

Ice Chest ID BID
Temperature: 4.4 °C
Thermometer ID: #48
Emissivity 1.00
Container Qta
Date/Time 5/15/06
Analyst Init OTD

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A3	A3	A3	A3	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER	B,C	B,C	B,C	B,C	B,C	B,C				
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:

Sample Numbering Completed By: OTD Date/Time: 5/15/06 0030

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

CHK BY AMK | DISTRIBUTION JS SJ | SUB-OUT

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

06-0484G

Analysis Requested

Circle one: Phillips 66 / Unocal	Consultant Firm: TRC
Address: 8510 Gravenstein Hwy.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Cotati	4-digit site#: 05426
	Work Order# 2378TRC502
State: CA Zip:	Project #: 41050001/FA20
COP Manager: Ed Ralston	Sampler Name: Joe Lewis

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

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE BY 8260B	ETHANOL by 8260B	TPH-g by GC/MS	EDB/EDC by 8260B			Turnaround Time Requested
	~~MW-9~~ JL	-1 MW-2	05-15-06 1138 ~~0647~~	GW			X		X		X				STD
	~~OW~~ JL	-2 MW-6	1117 ~~1041~~	GW			X		X		X				STD
	~~MW-6~~ JL	-3 MW-7	1221 ~~1117~~	GW			X		X		X				STD
	~~MW-2~~ JL	-4 MW-8	1200 ~~1138~~	GW			x		X		X				STD
	~~MW-8~~ JL	-5 MW-9	0647 ~~1200~~	GW			X		X		X				STD
	~~MW-7~~ JL	-6 OW	1041 ~~1221~~	GW			x		x		X				

Comments:	Relinquished by: Joe D. Lewis	Received by: refrigerator	Date & Time: 05-15-06 1405
Global ID: T0609700386	Relinquished by (Signature): Joe D. Lewis	Received by: Ross Wuchey	Date & Time: 5/15/06 1435
	Relinquished by (Signature): Ross Wuchey 5/15/06	Received by: Leo A. McMurphie	Date & Time: 5-15-06 1807
	Leo A. McMurphie		5/15/6 2230

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

Northern CA

STATEMENTS

Purge Water Disposal

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

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.