TRC

September 12, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: FORMER CIRCLE K STORE 01106
1693 CENTRAL AVENUE
MCKINLEYVILLE, CALIFORNIA
LOP # 12698

RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2006

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for Former Circle K Store 01106, located at 1693 Central Avenue, McKinleyville, 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. (2 copies)

Enclosures
20-0400/01106R12.QMS

21 Technology Drive • Irvine, California 92618
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TRC

QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2006

FORMER CIRCLE K STORE 01106
1693 Central Avenue
McKinleyville, California
LOP # 12698

Prepared For:

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

By:

CERTIFIED ENGINEERING GEOLOGIST
DENNIS E. JENSEN
No. EG 1034
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STATE OF CALIFORNIA

Senior Project Geologist, Irvine Operations
September 5, 2006

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Summary of Gauging and Sampling Activities
July 2006 through September 2006
Former Circle K Store 01106
1693 Central Avenue
McKinleyville, CA

Project Coordinator: **Thomas H. Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **08/02/06**

Sample Points

Groundwater wells: **5** onsite, **4** offsite
Wells gauged: **9** Wells sampled: **9**
Purging method: **Diaphragm pump/bailer**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **6.54 feet** Maximum: **11.94 feet**
Average groundwater elevation (relative to available local datum): **141.76 feet**
Average change in groundwater elevation since previous event: **-3.05 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.08 ft/ft, northwest**
Previous event: **0.04 ft/ft, northwest (05/03/06)**

Selected Laboratory Results

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

Wells with **TPH-G**	**1**	Maximum: **81 µg/l (MW-2)**
Wells with **MTBE**	**5**	Maximum: **57 µg/l (MW-2)**

Notes:

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
µg/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

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

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 01106 in October 2003. Historical data compiled prior to that time was provided by Gettler-Ryan, Inc.

Contents of Tables
Site: Former Circle K Store 01106

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	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methane	Iron Ferrous	Manganese (dissolved)	Nitrate	Sulfate	Alkalinity (total)	Carbon Dioxide (Lab)	Oxygen Demand (biologic)
Table 1b	Well/ Date	Oxygen Demand (chemical)	Pre-purge Dissolved Oxygen													

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	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methanol	Methane	Iron Ferrous	Iron (total)	Manganese (dissolved)	Carbonate	Hydroxide	Nitrate
Table 2b	Well/ Date	Sulfate	Sulfide	Alkalinity (bicarb.)	Alkalinity (carbonate)	Alkalinity (hydroxide)	Alkalinity (total)	Carbon Dioxide (Lab)	Oxygen Demand (biologic)	Oxygen Demand (chemical)	Pre-purge Dissolved Oxygen					

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 2, 2006
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1														
08/02/06	149.55	7.46	0.00	142.09	-1.96	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
MW-2														
08/02/06	150.14	8.18	0.00	141.96	-4.54	81	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	57	
MW-3														
08/02/06	150.54	7.33	0.00	143.21	-4.15	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	0.91	
MW-4														
08/02/06	150.66	7.31	0.00	143.35	-3.35	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
MW-5														
08/02/06	150.16	8.25	0.00	141.91	-3.69	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
MW-6														
08/02/06	150.45	6.54	0.00	143.91	-2.35	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	2.8	
MW-7														
08/02/06	149.62	8.81	0.00	140.81	-1.87	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
MW-8														
08/02/06	150.49	11.94	0.00	138.55	-1.49	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	7.5	
MW-9														
08/02/06	149.97	9.96	0.00	140.01	-4.02	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	0.56	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methane	Iron Ferrou	Manganese (dissolved)	Nitrate	Sulfate	Alkalinity (total)	Carbon Dioxide (Lab)	Oxygen Demand (biologic)
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-1															
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.0010	220	ND<10	7.8	11	17	25	ND<1.5
MW-2															
08/02/06	14	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.4	ND<0.0010	ND<100	ND<10	2.3	15	48	10	1.7
MW-3															
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.0010	ND<100	ND<10	8.5	8.5	33	26	ND<1.5
MW-4															
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.0010	ND<100	ND<10	13	5.8	45	36	ND<1.5
MW-5															
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.0010	ND<100	ND<10	4.7	8.6	35	34	ND<1.5
MW-6															
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.0010	170	ND<10	0.88	26	63	56	ND<1.5
MW-7															
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.0010	450	100	0.13	58	56	54	ND<1.5
MW-8															
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.51	ND<0.0010	250	11	0.68	25	68	48	ND<1.5
MW-9															
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.0010	310	ND<10	2.8	27	80	60	ND<1.5

Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Oxygen Demand (chemical) (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-1		
08/02/06	91	5.60
MW-2		
08/02/06	ND<25	5.35
MW-3		
08/02/06	31	1.85
MW-4		
08/02/06	45	2.70
MW-5		
08/02/06	29	5.20
MW-6		
08/02/06	ND<25	2.05
MW-7		
08/02/06	31	3.85
MW-8		
08/02/06	67	5.16
MW-9		
08/02/06	55	4.00

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 2000 Through August 2006

Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1														
02/16/00	149.55	4.68	0.00	144.87	--	ND	--	ND	ND	ND	ND	290	190	
06/29/00	149.55	7.22	0.00	142.33	-2.54	ND	--	6.4	ND	ND	ND	150	220	
09/18/00	149.55	9.60	0.00	139.95	-2.38	ND	--	ND	ND	ND	ND	120	96	
12/14/00	149.55	9.22	0.00	140.33	0.38	ND	--	3	ND	ND	ND	72	66	
03/07/01	149.55	6.61	0.00	142.94	2.61	ND	--	ND	ND	ND	ND	82.4	67	
06/05/01	149.55	9.18	0.00	140.37	-2.57	ND	--	ND	ND	ND	ND	7.6	3.3	
09/11/01	149.55	12.18	0.00	137.37	-3.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	46	69	
12/11/01	149.55	6.44	0.00	143.11	5.74	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	41	48	
03/12/02	149.55	4.45	0.00	145.10	1.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.3	5.1	
06/17/02	149.55	7.48	0.00	142.07	-3.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/10/02	149.55	10.98	0.00	138.57	-3.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	1.6	
12/10/02	149.55	12.78	0.00	136.77	-1.80	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/11/03	149.55	4.76	0.00	144.79	8.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	149.55	5.77	0.00	143.78	-1.01	ND<50	--	0.55	0.58	ND<0.50	ND<0.50	6.4	ND<2.0	
09/10/03	149.55	9.53	0.00	140.02	-3.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/09/03	149.55	7.37	0.00	142.18	2.16	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/17/04	149.55	4.60	0.00	144.95	2.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	4.9	
06/02/04	149.55	5.74	0.00	143.81	-1.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	2.0	
08/03/04	149.55	8.16	0.00	141.39	-2.42	ND<50	--	ND<0.3	0.54	0.47	1.6	1.3	ND<0.5	
11/09/04	149.55	8.48	0.00	141.07	-0.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
02/01/05	149.55	6.10	0.00	143.45	2.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/04/05	149.55	6.29	0.00	143.26	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/05	149.55	8.27	0.00	141.28	-1.98	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2006
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1 continued														
11/02/05	149.55	10.69	0.00	138.86	-2.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/31/06	149.55	4.98	0.00	144.57	5.71	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
05/03/06	149.55	5.50	0.00	144.05	-0.52	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
08/02/06	149.55	7.46	0.00	142.09	-1.96	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
MW-2														
02/16/00	150.14	5.32	0.00	144.82	--	6000	--	1500	32	98	2500	22000	19000	
06/29/00	150.14	8.63	0.00	141.51	-3.31	3100	--	1200	350	26	760	3900	5200	
09/18/00	150.14	10.66	0.00	139.48	-2.03	900	--	460	2.6	ND	14	4000	3100	
12/14/00	150.14	11.25	0.00	138.89	-0.59	730	--	270	ND	ND	ND	3400	3500	
03/07/01	150.14	7.44	0.00	142.70	3.81	6040	--	637	116	87.2	439	7610	8700	
06/05/01	150.14	10.04	0.00	140.10	-2.60	2700	--	140	74	ND	37	8700	7500	
09/11/01	150.14	13.52	0.00	136.62	-3.48	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	1900	2400	
12/11/01	150.14	6.50	0.00	143.64	7.02	640	--	310	18	15	35	6800	4900	
03/12/02	150.14	3.13	0.00	147.01	3.37	240	--	48	1.1	ND<0.50	6.2	480	560	
06/17/02	150.14	8.62	0.00	141.52	-5.49	970	--	390	140	5.8	180	1800	2400	
09/10/02	150.14	12.45	0.00	137.69	-3.83	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	15	2000	
12/10/02	150.14	13.93	0.00	136.21	-1.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	21	
03/11/03	150.14	3.84	0.00	146.30	10.09	ND<50	--	3.2	0.85	ND<0.50	2.7	19	6.5	
06/10/03	150.14	5.95	0.00	144.19	-2.11	1200	--	310	84	25	180	1100	500	
09/10/03	150.14	9.92	0.00	140.22	-3.97	--	1300	260	17	18	34	--	1900	
12/10/03	150.14	7.38	0.00	142.76	2.54	2000	--	110	ND<13	ND<13	ND<13	1200	1700	
03/17/04	150.14	3.28	0.00	146.86	4.10	120	--	6.5	ND<0.50	ND<0.50	ND<0.50	150	150	
06/02/04	150.14	6.36	0.00	143.78	-3.08	430	--	20	7.9	ND<2.5	10	370	380	
08/03/04	150.14	8.83	0.00	141.31	-2.47	160	--	0.34	0.50	ND<0.3	0.66	160	210	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2006
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued														
11/09/04	150.14	9.85	0.00	140.29	-1.02	86	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	130	
02/01/05	150.14	4.30	0.00	145.84	5.55	990	--	180	58	17	70	--	200	
05/04/05	150.14	5.80	0.00	144.34	-1.50	110	--	27	6.5	0.65	7.7	--	26	
08/02/05	150.14	7.94	0.00	142.20	-2.14	6000	--	1200	840	160	780	--	1200	
11/02/05	150.14	11.06	0.00	139.08	-3.12	920	--	8.3	ND<2.5	ND<2.5	ND<2.5	--	660	
01/31/06	150.14	6.01	0.00	144.13	5.05	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	0.53	
05/03/06	150.14	3.64	0.00	146.50	2.37	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	13	
08/02/06	150.14	8.18	0.00	141.96	-4.54	81	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	57	
MW-3														
02/16/00	150.54	4.83	0.00	145.71	--	ND	--	ND	ND	ND	ND	5.2	3.1	
06/29/00	150.54	7.83	0.00	142.71	-3.00	ND	--	ND	ND	ND	ND	7.9	7.1	
09/18/00	150.54	10.73	0.00	139.81	-2.90	ND	--	ND	ND	ND	ND	65	37	
12/14/00	150.54	10.30	0.00	140.24	0.43	ND	--	5	ND	ND	ND	89	78	
03/07/01	150.54	6.55	0.00	143.99	3.75	ND	--	ND	ND	ND	ND	14.7	29	
06/05/01	150.54	9.38	0.00	141.16	-2.83	ND	--	ND	ND	ND	ND	10	15	
09/11/01	150.54	13.08	0.00	137.46	-3.70	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	33	75	
12/11/01	150.54	4.66	0.00	145.88	8.42	ND<50	--	0.67	ND<0.50	ND<0.50	ND<0.50	120	110	
03/12/02	150.54	2.39	0.00	148.15	2.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19	18	
06/17/02	150.54	7.61	0.00	142.93	-5.22	ND<50	--	0.50	ND<0.50	ND<0.50	ND<0.50	32	21	
09/10/02	150.54	11.90	0.00	138.64	-4.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	53	70	
12/10/02	150.54	12.74	0.00	137.80	-0.84	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.6	6.5	
03/11/03	150.54	3.74	0.00	146.80	9.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	150.54	5.35	0.00	145.19	-1.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/10/03	150.54	9.67	0.00	140.87	-4.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	13	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2006
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued														
12/09/03	150.54	6.91	0.00	143.63	2.76	64	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	62	77	
03/17/04	150.54	3.00	0.00	147.54	3.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/02/04	150.54	5.72	0.00	144.82	-2.72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.7	7.7	
08/03/04	150.54	3.19	0.00	147.35	2.53	81	--	ND<0.3	ND<0.3	0.37	0.83	8.6	13	
11/09/04	150.54	8.22	0.00	142.32	-5.03	52	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	41	
02/01/05	150.54	6.27	0.00	144.27	1.95	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/04/05	150.54	4.02	0.00	146.52	2.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/05	150.54	6.92	0.00	143.62	-2.90	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/02/05	150.54	9.69	0.00	140.85	-2.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	9.7	
01/31/06	150.54	5.04	0.00	145.50	4.65	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
05/03/06	150.54	3.18	0.00	147.36	1.86	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
08/02/06	150.54	7.33	0.00	143.21	-4.15	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	0.91	
MW-4														
02/16/00	150.66	4.24	0.00	146.42	--	ND	--	ND	ND	ND	ND	13	8.7	
06/29/00	150.66	7.15	0.00	143.51	-2.91	ND	--	ND	ND	ND	ND	7.3	7	
09/18/00	150.66	9.90	0.00	140.76	-2.75	ND	--	ND	ND	ND	ND	25	18	
12/14/00	150.66	9.09	0.00	141.57	0.81	ND	--	ND	ND	ND	ND	ND	9.6	
03/07/01	150.66	6.45	0.00	144.21	2.64	ND	--	ND	ND	ND	ND	8.61	9.0	
06/05/01	150.66	9.09	0.00	141.57	-2.64	ND	--	ND	ND	ND	ND	ND	ND	
09/11/01	150.66	12.05	0.00	138.61	-2.96	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	18	26	
12/11/01	150.66	5.73	0.00	144.93	6.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.8	5.3	
03/12/02	150.66	3.96	0.00	146.70	1.77	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8.8	12	
06/17/02	150.66	7.51	0.00	143.15	-3.55	--	--	--	--	--	--	--	--	Sampled semi-annually
09/10/02	150.66	11.08	0.00	139.58	-3.57	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.3	6.2	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

February 2000 Through August 2006

Former Circle K Store 01106

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-4 continued														
12/10/02	150.66	12.01	0.00	138.65	-0.93	--	--	--	--	--	--	--	--	Sampled semi-annually
03/11/03	150.66	4.59	0.00	146.07	7.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	150.66	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
09/10/03	150.66	9.56	0.00	141.10	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/09/03	150.66	7.40	0.00	143.26	2.16	--	--	--	--	--	--	--	--	Monitored Only
03/17/04	150.66	3.82	0.00	146.84	3.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/02/04	150.66	5.97	0.00	144.69	-2.15	--	--	--	--	--	--	--	--	Monitored Only
08/03/04	150.66	8.56	0.00	142.10	-2.59	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	ND<0.5	
11/09/04	150.66	8.14	0.00	142.52	0.42	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/05	150.66	5.05	0.00	145.61	3.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/04/05	150.66	4.75	0.00	145.91	0.30	--	--	--	--	--	--	--	--	Sampled semi-annually
08/02/05	150.66	7.05	0.00	143.61	-2.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/02/05	150.66	9.04	0.00	141.62	-1.99	--	--	--	--	--	--	--	--	Sampled semi-annually
01/31/06	150.66	5.13	0.00	145.53	3.91	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
05/03/06	150.66	3.96	0.00	146.70	1.17	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
08/02/06	150.66	7.31	0.00	143.35	-3.35	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
MW-5														
12/14/00	150.16	11.11	0.00	139.05	--	ND	--	2.4	ND	ND	ND	40	49	
03/07/01	150.16	8.50	0.00	141.66	2.61	ND	--	ND	ND	ND	ND	15.7	15	
06/05/01	150.16	10.78	0.00	139.38	-2.28	ND	--	ND	ND	ND	ND	ND	ND	
09/11/01	150.16	13.24	0.00	136.92	-2.46	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	38	52	
12/11/01	150.16	8.63	0.00	141.53	4.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	15	6.6	
03/12/02	150.16	6.25	0.00	143.91	2.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.5	3.2	
06/17/02	150.16	8.86	0.00	141.30	-2.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2006
Former Circle K Store 01106

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued														
09/10/02	150.16	11.85	0.00	138.31	-2.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<0.50	
12/10/02	150.16	13.43	0.00	136.73	-1.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/11/03	150.16	6.01	0.00	144.15	7.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	150.16	6.54	0.00	143.62	-0.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/10/03	150.16	10.47	0.00	139.69	-3.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/09/03	150.16	3.49	0.00	146.67	6.98	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/17/04	150.16	4.38	0.00	145.78	-0.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/02/04	150.16	6.75	0.00	143.41	-2.37	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
08/03/04	150.16	9.21	0.00	140.95	-2.46	ND<50	--	ND<0.3	ND<0.3	ND<0.3	0.77	ND<1	ND<0.5	
11/09/04	150.16	10.00	0.00	140.16	-0.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
02/01/05	150.16	6.19	0.00	143.97	3.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/04/05	150.16	5.90	0.00	144.26	0.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/05	150.16	7.89	0.00	142.27	-1.99	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
11/02/05	150.16	11.10	0.00	139.06	-3.21	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/31/06	150.16	5.93	0.00	144.23	5.17	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
05/03/06	150.16	4.56	0.00	145.60	1.37	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
08/02/06	150.16	8.25	0.00	141.91	-3.69	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
MW-6														
12/14/00	150.45	10.54	0.00	139.91	--	110	--	44	ND	ND	ND	760	1100	
03/07/01	150.45	6.76	0.00	143.69	3.78	62.5	--	ND	ND	ND	ND	498	550	
06/05/01	150.45	9.94	0.00	140.51	-3.18	110	--	ND	ND	ND	ND	790	680	
09/11/01	150.45	12.75	0.00	137.70	-2.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	410	590	
12/11/01	150.45	6.29	0.00	144.16	6.46	ND<50	--	11	ND<0.50	ND<0.50	ND<0.50	400	390	
03/12/02	150.45	4.18	0.00	146.27	2.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	150	

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February 2000 Through August 2006
Former Circle K Store 01106

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														
06/17/02	150.45	7.30	0.00	143.15	-3.12	ND<50	--	2.6	ND<0.50	ND<0.50	ND<0.50	100	120	
09/10/02	150.45	11.62	0.00	138.83	-4.32	96	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	150	190	
12/10/02	150.45	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/11/03	150.45	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
06/10/03	150.45	5.70	0.00	144.75	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	82	46	
09/10/03	150.45	9.36	0.00	141.09	-3.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	50	
12/09/03	150.45	7.06	0.00	143.39	2.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	28	33	
03/17/04	150.45	4.05	0.00	146.40	3.01	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	12	13	
06/02/04	150.45	5.50	0.00	144.95	-1.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	14	15	
08/03/04	150.45	8.01	0.00	142.44	-2.51	ND<50	--	ND<0.3	0.55	ND<0.3	1.2	22	21	
11/09/04	150.45	7.91	0.00	142.54	0.10	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	36	
02/01/05	150.45	4.94	0.00	145.51	2.97	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	13	
05/04/05	150.45	4.90	0.00	145.55	0.04	ND<50	--	ND<0.50	ND<0.50	ND<0.50	1.1	--	4.6	
08/02/05	150.45	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible-Paved over
11/02/05	150.45	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
01/31/06	150.45	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
05/03/06	150.45	4.19	0.00	146.26	--	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	0.70	
08/02/06	150.45	6.54	0.00	143.91	-2.35	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	2.8	
MW-7														
12/14/00	149.62	12.05	0.00	137.57	--	ND	--	ND	ND	ND	ND	10	9	
03/07/01	149.62	9.30	0.00	140.32	2.75	ND	--	ND	ND	ND	ND	6.35	12	
06/05/01	149.62	11.78	0.00	137.84	-2.48	ND	--	ND	ND	ND	ND	9.5	6.7	
09/11/01	149.62	13.90	0.00	135.72	-2.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.8	10	
12/11/01	149.62	9.56	0.00	140.06	4.34	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	9.8	

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February 2000 Through August 2006
Former Circle K Store 01106

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														
03/12/02	149.62	7.24	0.00	142.38	2.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.2	4.9	
06/17/02	149.62	10.30	0.00	139.32	-3.06	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.1	4.3	
09/10/02	149.62	12.89	0.00	136.73	-2.59	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.6	5.1	
12/10/02	149.62	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/11/03	149.62	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
06/10/03	149.62	8.27	0.00	141.35	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/10/03	149.62	11.85	0.00	137.77	-3.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.1	
12/10/03	149.62	9.94	0.00	139.68	1.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.6	
03/17/04	149.62	8.33	0.00	141.29	1.61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/02/04	149.62	10.14	0.00	139.48	-1.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	1.8	
08/03/04	149.62	12.53	0.00	137.09	-2.39	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	ND<0.5	
11/09/04	149.62	11.05	0.00	138.57	1.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.8	
02/01/05	149.62	7.34	0.00	142.28	3.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.62	
05/04/05	149.62	7.32	0.00	142.30	0.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.54	
08/02/05	149.62	8.89	0.00	140.73	-1.57	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.81	
11/02/05	149.62	10.79	0.00	138.83	-1.90	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.3	
01/31/06	149.62	5.23	0.00	144.39	5.56	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
05/03/06	149.62	6.94	0.00	142.68	-1.71	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
08/02/06	149.62	8.81	0.00	140.81	-1.87	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
MW-8														
12/14/00	150.49	12.83	0.00	137.66	--	ND	--	ND	ND	ND	ND	ND	ND	
03/07/01	150.49	9.88	0.00	140.61	2.95	ND	--	ND	ND	ND	ND	ND	ND	
06/05/01	150.49	12.57	0.00	137.92	-2.69	ND	--	ND	ND	ND	ND	ND	ND	
09/11/01	150.49	14.61	0.00	135.88	-2.04	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2006
Former Circle K Store 01106

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														
12/11/01	150.49	9.80	0.00	140.69	4.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
03/12/02	150.49	7.34	0.00	143.15	2.46	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
06/17/02	150.49	11.15	0.00	139.34	-3.81	--	--	--	--	--	--	--	--	Sampled semi-annually
09/10/02	150.49	13.75	0.00	136.74	-2.60	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	1.2	
12/10/02	150.49	14.93	0.00	135.56	-1.18	--	--	--	--	--	--	--	--	Sampled semi-annually
03/11/03	150.49	7.96	0.00	142.53	6.97	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	150.49	--	--	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
09/10/03	150.49	12.70	0.00	137.79	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/09/03	150.49	8.56	0.00	141.93	4.14	--	--	--	--	--	--	--	--	Monitored Only
03/17/04	150.49	9.23	0.00	141.26	-0.67	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	4.7	
06/02/04	150.49	12.02	0.00	138.47	-2.79	--	--	--	--	--	--	--	--	Monitored Only
08/03/04	150.49	14.65	0.00	135.84	-2.63	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	0.62	
11/09/04	150.49	14.13	0.00	136.36	0.52	--	--	--	--	--	--	--	--	Sampled semi-annually
02/01/05	150.49	10.90	0.00	139.59	3.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.9	
05/04/05	150.49	8.90	0.00	141.59	2.00	--	--	--	--	--	--	--	--	Sampled semi-annually
08/02/05	150.49	12.49	0.00	138.00	-3.59	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	10	
11/02/05	150.49	13.50	0.00	136.99	-1.01	--	--	--	--	--	--	--	--	Sampled semi-anually
01/31/06	150.49	7.06	0.00	143.43	6.44	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	6.2	
05/03/06	150.49	10.45	0.00	140.04	-3.39	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
08/02/06	150.49	11.94	0.00	138.55	-1.49	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	7.5	
MW-9														
12/14/00	149.97	11.60	0.00	138.37	--	ND	--	ND	ND	ND	ND	ND	3.1	
03/07/01	149.97	8.71	0.00	141.26	2.89	ND	--	ND	ND	ND	ND	6.22	4.4	
06/05/01	149.97	11.32	0.00	138.65	-2.61	ND	--	ND	ND	ND	ND	8.8	7.9	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 2000 Through August 2006
Former Circle K Store 01106

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														
09/11/01	149.97	13.29	0.00	136.68	-1.97	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.0	10	
12/11/01	149.97	9.10	0.00	140.87	4.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	7.1	6.6	
03/12/02	149.97	6.35	0.00	143.62	2.75	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.88	5.0	5.7	
06/17/02	149.97	9.75	0.00	140.22	-3.40	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.9	8.1	
09/10/02	149.97	12.40	0.00	137.57	-2.65	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8.4	9.2	
12/10/02	149.97	13.63	0.00	136.34	-1.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
03/11/03	149.97	6.75	0.00	143.22	6.88	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
06/10/03	149.97	7.93	0.00	142.04	-1.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
09/10/03	149.97	11.35	0.00	138.62	-3.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.5	
12/09/03	149.97	9.15	0.00	140.82	2.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
03/17/04	149.97	6.90	0.00	143.07	2.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<2.0	
06/02/04	149.97	9.60	0.00	140.37	-2.70	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.77	
08/03/04	149.97	7.10	0.00	142.87	2.50	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	ND<1	ND<0.5	
11/09/04	149.97	11.85	0.00	138.12	-4.75	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.96	
02/01/05	149.97	7.66	0.00	142.31	4.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
05/04/05	149.97	7.41	0.00	142.56	0.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
08/02/05	149.97	9.89	0.00	140.08	-2.48	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.51	
11/02/05	149.97	11.84	0.00	138.13	-1.95	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.1	
01/31/06	149.97	6.09	0.00	143.88	5.75	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
05/03/06	149.97	5.94	0.00	144.03	0.15	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	ND<0.50	
08/02/06	149.97	9.96	0.00	140.01	-4.02	ND<50	--	ND<0.30	ND<0.30	ND<0.30	ND<0.60	--	0.56	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methanol	Methane	Iron Ferrous	Iron (total)	Manganese (dissolved)	Carbonate	Hydroxide	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-1															
02/16/00	ND	ND	ND	ND	ND	ND	32	ND	--	--	--	--	--	--	--
06/29/00	ND	ND	ND	ND	ND	ND	39	ND	--	--	--	--	--	--	--
09/18/00	ND	ND	ND	ND	ND	ND	14	ND	--	--	--	--	--	--	--
12/14/00	ND	ND	ND	ND	ND	ND	9.3	ND	--	--	--	--	--	--	--
03/07/01	ND	ND	ND	ND	ND	ND	11	ND	--	--	--	--	--	--	--
06/05/01	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
09/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	9.2	ND<0.500	--	--	--	--	--	--	--
12/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	7.6	ND<0.500	--	--	--	--	--	--	--
03/12/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
06/17/02	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
09/10/02	ND<5.0	ND<50000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.500	--	--	--	--	--	--	--
12/10/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	0.120	--	--	--	--	--	--	--
03/11/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
06/10/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
09/10/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.01	ND<0.00001	--	0.28	0.041	--	--	0.044
12/09/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	--	ND<200	--	720	--	--	34
03/17/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.50	ND<0.010	ND<200	--	750	--	--	31
06/02/04	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.010	ND<200	--	ND<5.0	--	--	32
08/03/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	ND<0.001	1700	--	ND<10	--	--	29.9
11/09/04	--	--	--	--	--	--	--	--	ND<0.010	ND<10	--	1300	--	--	28
02/01/05	--	--	--	--	--	--	--	--	ND<0.001	0.095	--	640	--	--	33
05/04/05	--	--	--	--	--	--	--	--	ND<0.1	78	--	1900	--	--	33
08/02/05	--	--	--	--	--	--	--	--	--	80	--	3800	ND<5.0	ND<5.0	35
11/02/05	--	--	--	--	--	--	--	--	ND<0.0010	230	--	2200	--	--	26
01/31/06	--	--	--	--	--	--	--	--	ND<0.0010	ND<100	--	ND<10	--	--	8.6
05/03/06	--	--	--	--	--	--	--	--	ND<0.0010	120	--	ND<10	--	--	7.0

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methanol	Methane	Iron Ferrous	Iron (total)	Manganese (dissolved)	Carbonate	Hydroxide	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-1 continued															
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.0010	220	--	ND<10	--	--	7.8
MW-2															
02/16/00	ND	ND	ND	ND	ND	ND	5200	ND	--	--	--	--	--	--	--
06/29/00	ND	ND	ND	ND	ND	ND	1300	ND	--	--	--	--	--	--	--
09/18/00	ND	ND	ND	ND	ND	ND	770	ND	--	--	--	--	--	--	--
12/14/00	260	ND	ND	ND	ND	ND	850	ND	--	--	--	--	--	--	--
03/07/01	ND	ND	ND	ND	ND	ND	2400	ND	--	--	--	--	--	--	--
06/05/01	ND	ND	ND	ND	ND	ND	2100	ND	--	--	--	--	--	--	--
09/11/01	ND<200	ND<5000000	ND<20	ND<20	ND<20	ND<20	500	ND<0.500	--	--	--	--	--	--	--
12/11/01	ND<400	ND<10000000	ND<40	ND<40	ND<40	ND<40	1300	ND<0.500	--	--	--	--	--	--	--
03/12/02	ND<10000	ND<50000000	ND<200	ND<200	ND<200	ND<200	ND<200	ND<0.100	--	--	--	--	--	--	--
06/17/02	ND<200	ND<5000000	ND<20	ND<20	ND<20	ND<20	490	0.31	--	--	--	--	--	--	--
09/10/02	ND<500	ND<5000000	ND<50	ND<50	ND<50	ND<50	320	ND<0.500	--	--	--	--	--	--	--
12/10/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
03/11/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
06/10/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	110	ND<0.500	--	--	--	--	--	--	--
09/10/03	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	420	ND<0.01	ND<0.00001	--	ND<0.2	0.93	--	--	0.0069
12/10/03	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	370	88.2	--	ND<200	--	960	--	--	9.9
03/17/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	32	ND<0.50	ND<0.010	ND<200	--	460	--	--	25
06/02/04	32	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	61	ND<0.50	ND<0.010	ND<200	--	ND<5.0	--	--	14
08/03/04	36	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	18	--	ND<0.001	1700	--	ND<10	--	--	8.56
11/09/04	--	--	--	--	--	--	--	--	ND<0.010	ND<10	--	1500	--	--	45
02/01/05	--	--	--	--	--	--	--	--	ND<0.001	0.027	--	140	--	--	18
05/04/05	--	--	--	--	--	--	--	--	ND<0.1	ND<50	--	420	--	--	21
08/02/05	--	--	--	--	--	--	--	--	--	ND<50	--	2500	ND<5.0	ND<5.0	14
11/02/05	--	--	--	--	--	--	--	--	0.0027	130	--	5700	--	--	5.3

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methanol	Methane	Iron Ferrous	Iron (total)	Manganese (dissolved)	Carbonate	Hydroxide	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-2 continued															
01/31/06	--	--	--	--	--	--	--	--	ND<0.0010	ND<100	--	23	--	--	4.9
05/03/06	--	--	--	--	--	--	--	--	ND<0.0010	120	--	ND<10	--	--	5.5
08/02/06	14	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.4	--	ND<0.0010	ND<100	--	ND<10	--	--	2.3
MW-3															
02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
06/29/00	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
09/18/00	ND	ND	ND	ND	ND	ND	6.2	ND	--	--	--	--	--	--	--
12/14/00	ND	ND	ND	ND	ND	ND	15	ND	--	--	--	--	--	--	--
03/07/01	ND	ND	ND	ND	ND	ND	5.4	ND	--	--	--	--	--	--	--
06/05/01	ND	ND	ND	ND	ND	ND	2.8	ND	--	--	--	--	--	--	--
09/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	8.6	ND<0.500	--	--	--	--	--	--	--
12/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	23	ND<0.500	--	--	--	--	--	--	--
03/12/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	3.6	ND<0.100	--	--	--	--	--	--	--
06/17/02	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	6.1	ND<0.100	--	--	--	--	--	--	--
09/10/02	ND<5.0	ND<50000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	13	ND<0.500	--	--	--	--	--	--	--
12/10/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	0.130	--	--	--	--	--	--	--
03/11/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
06/10/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
09/10/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	2.3	ND<0.01	ND<0.00001	--	5.4	0.076	--	--	0.048
12/09/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	15	ND<10	--	ND<200	--	200	--	--	47
03/17/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.50	ND<0.010	ND<200	--	100	--	--	68
06/02/04	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	1.4	ND<0.50	ND<0.010	ND<200	--	6.8	--	--	47
08/03/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	1.8	--	ND<0.001	340	--	ND<10	--	--	37.7
11/09/04	--	--	--	--	--	--	--	--	ND<0.010	ND<10	--	270	--	--	3.8
02/01/05	--	--	--	--	--	--	--	--	ND<0.001	0.068	--	40	--	--	65
05/04/05	--	--	--	--	--	--	--	--	ND<0.1	ND<50	--	47	--	--	51

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methanol	Methane	Iron Ferrous	Iron (total)	Manganese (dissolved)	Carbonate	Hydroxide	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-3 continued															
08/02/05	--	--	--	--	--	--	--	--	--	200	--	55	ND<5.0	ND<5.0	43
11/02/05	--	--	--	--	--	--	--	--	ND<0.0051	130	--	110	--	--	37
01/31/06	--	--	--	--	--	--	--	--	ND<0.0010	ND<100	--	29	--	--	15
05/03/06	--	--	--	--	--	--	--	--	ND<0.0010	ND<100	--	28	--	--	10
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.0010	ND<100	--	ND<10	--	--	8.5
MW-4															
02/16/00	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
06/29/00	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
09/18/00	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
03/07/01	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
06/05/01	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
09/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	3.2	ND<0.500	--	--	--	--	--	--	--
12/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
03/12/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	2.0	ND<0.100	--	--	--	--	--	--	--
09/10/02	ND<5.0	ND<50000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.72	ND<0.500	--	--	--	--	--	--	--
03/11/03	ND<100	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<500	--	--	--	--	--	--	--
09/10/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.01	ND<0.00001	--	9.7	0.13	--	--	0.064
03/17/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.50	ND<0.010	ND<200	--	140	--	--	70
08/03/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	ND<0.001	2200	--	ND<10	--	--	69.0
02/01/05	--	--	--	--	--	--	--	--	ND<0.001	0.077	--	240	--	--	64
08/02/05	--	--	--	--	--	--	--	--	--	140	--	95	ND<5.0	ND<5.0	70
01/31/06	--	--	--	--	--	--	--	--	ND<0.0010	ND<100	--	ND<10	--	--	18
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.0010	ND<100	--	ND<10	--	--	13
MW-5															
12/14/00	ND	ND	ND	ND	ND	ND	10	ND	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methanol	Methane	Iron Ferrous	Iron (total)	Manganese (dissolved)	Carbonate	Hydroxide	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-5 continued															
03/07/01	ND	ND	ND	ND	ND	ND	2.7	ND	--	--	--	--	--	--	--
06/05/01	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
09/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	6.9	ND<0.500	--	--	--	--	--	--	--
12/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
03/12/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
06/17/02	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
09/10/02	ND<5.0	ND<50000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.500	--	--	--	--	--	--	--
12/10/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
03/11/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
06/10/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
09/10/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.01	ND<0.00001	--	13	0.29	--	--	0.023
12/09/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	--	ND<200	--	280	--	--	30
03/17/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.50	ND<0.010	ND<200	--	220	--	--	19
06/02/04	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.010	ND<200	--	ND<5.0	--	--	25
08/03/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	ND<0.001	5000	--	ND<10	--	--	32.1
11/09/04	--	--	--	--	--	--	--	--	ND<0.010	ND<10	--	510	--	--	29
02/01/05	--	--	--	--	--	--	--	--	ND<0.001	0.10	--	210	--	--	24
05/04/05	--	--	--	--	--	--	--	--	ND<0.1	64	--	54	--	--	22
08/02/05	--	--	--	--	--	--	--	--	--	ND<50	--	72	ND<5.0	ND<5.0	15
11/02/05	--	--	--	--	--	--	--	--	ND<0.0010	750	--	120	--	--	34
01/31/06	--	--	--	--	--	--	--	--	ND<0.0010	ND<100	--	ND<10	--	--	3.7
05/03/06	--	--	--	--	--	--	--	--	ND<0.0010	ND<100	--	ND<10	--	--	2.3
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.0010	ND<100	--	ND<10	--	--	4.7
MW-6															
12/14/00	ND	ND	ND	ND	ND	ND	180	ND	--	--	--	--	--	--	--
03/07/01	ND	ND	ND	ND	ND	ND	93	ND	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methanol	Methane	Iron Ferrous	Iron (total)	Manganese (dissolved)	Carbonate	Hydroxide	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-6 continued															
06/05/01	ND	ND	ND	ND	ND	ND	120	ND	--	--	--	--	--	--	--
09/11/01	ND<100	ND<2500000	ND<10	ND<10	ND<10	ND<10	100	ND<0.500	--	--	--	--	--	--	--
12/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	69	ND<0.500	--	--	--	--	--	--	--
03/12/02	ND<1000	ND<5000000	ND<20	ND<20	ND<20	ND<20	27	ND<0.100	--	--	--	--	--	--	--
06/17/02	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	21	ND<0.100	--	--	--	--	--	--	--
09/10/02	ND<5.0	ND<50000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	30	ND<0.500	--	--	--	--	--	--	--
06/10/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	7.5	ND<0.500	--	--	--	--	--	--	--
09/10/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	8.4	ND<0.01	ND<0.00001	--	0.41	0.74	--	--	0.0025
12/09/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	6.3	ND<10	--	ND<200	--	1200	--	--	ND<1.0
03/17/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.50	ND<0.010	ND<200	--	1600	--	--	2.4
06/02/04	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	2.1	ND<0.50	ND<0.010	ND<200	--	1300	--	--	14
08/03/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	2.9	--	ND<0.001	1800	--	ND<10	--	--	47.1
11/09/04	--	--	--	--	--	--	--	--	ND<0.010	ND<10	--	1700	--	--	1.2
02/01/05	--	--	--	--	--	--	--	--	ND<0.001	0.81	--	1700	--	--	ND<1.0
05/04/05	--	--	--	--	--	--	--	--	ND<0.1	1300	--	1600	--	--	3.8
05/03/06	--	--	--	--	--	--	--	--	ND<0.0010	150	--	380	--	--	0.86
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.0010	170	--	ND<10	--	--	0.88
MW-7															
12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
03/07/01	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
06/05/01	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
09/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
12/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
03/12/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
06/17/02	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
09/10/02	ND<5.0	ND<50000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.500	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methanol	Methane	Iron Ferrous	Iron (total)	Manganese (dissolved)	Carbonate	Hydroxide	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-7 continued															
06/10/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
09/10/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.01	ND<0.00001	--	8.1	0.26	--	--	ND<0.001
12/10/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	0.0846	--	1900	--	290	--	--	ND<1.0
03/17/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.50	ND<0.010	2000	--	300	--	--	ND<1.0
06/02/04	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.010	ND<200	--	240	--	--	ND<1
08/03/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	ND<0.001	2100	--	ND<10	--	--	24.6
11/09/04	--	--	--	--	--	--	--	--	ND<0.010	ND<10	--	890	--	--	ND<1.0
02/01/05	--	--	--	--	--	--	--	--	ND<0.001	0.30	--	1900	--	--	1.4
05/04/05	--	--	--	--	--	--	--	--	ND<0.1	500	--	1200	--	--	1.1
08/02/05	--	--	--	--	--	--	--	--	--	500	--	610	ND<5.0	ND<5.0	ND<1.0
11/02/05	--	--	--	--	--	--	--	--	0.0013	13000	--	720	--	--	ND<1.0
01/31/06	--	--	--	--	--	--	--	--	ND<0.0010	1300	--	190	--	--	0.55
05/03/06	--	--	--	--	--	--	--	--	ND<0.0010	1100	--	190	--	--	0.60
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.0010	450	--	100	--	--	0.13
MW-8															
12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
03/07/01	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
06/05/01	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
09/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
12/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
03/12/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
09/10/02	ND<5.0	ND<50000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.500	--	--	--	--	--	--	--
03/11/03	ND<100	--	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<500	--	--	--	--	--	--	--
09/10/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.01	ND<0.00001	--	2.3	ND<0.0050	--	--	0.0059
03/17/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.50	ND<0.010	ND<200	--	220	--	--	6.1
08/03/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	ND<0.001	23000	--	ND<10	--	--	2.7

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methanol	Methane	Iron Ferrous	Iron (total)	Manganese (dissolved)	Carbonate	Hydroxide	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-8 continued															
02/01/05	--	--	--	--	--	--	--	--	ND<0.001	0.051	--	960	--	--	6.6
08/02/05	--	--	--	--	--	--	--	--	--	310	--	660	ND<5.0	ND<5.0	4.2
01/31/06	--	--	--	--	--	--	--	--	ND<0.0010	ND<100	--	ND<10	--	--	1.2
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.51	--	ND<0.0010	250	--	11	--	--	0.68
MW-9															
12/14/00	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
03/07/01	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
06/05/01	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--
09/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
12/11/01	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
03/12/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
06/17/02	ND<20	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	3.1	0.16	--	--	--	--	--	--	--
09/10/02	ND<5.0	ND<50000	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1.0	ND<0.500	--	--	--	--	--	--	--
12/10/02	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.100	--	--	--	--	--	--	--
03/11/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
06/10/03	ND<100	ND<500000	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.500	--	--	--	--	--	--	--
09/10/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.01	ND<0.00001	--	9.5	0.34	--	--	0.0089
12/09/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<10	--	ND<200	--	1600	--	--	10
03/17/04	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<0.50	ND<0.010	ND<200	--	570	--	--	18
06/02/04	ND<5.0	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.010	ND<200	--	73	--	--	15
08/03/04	ND<12	ND<800	ND<0.5	ND<0.5	ND<1	ND<1	ND<1	--	ND<0.001	30000	--	ND<10	--	--	25.1
11/09/04	--	--	--	--	--	--	--	--	ND<0.010	ND<10	--	1300	--	--	8.3
02/01/05	--	--	--	--	--	--	--	--	ND<0.001	0.083	--	1800	--	--	9.7
05/04/05	--	--	--	--	--	--	--	--	ND<0.1	110	--	2000	--	--	13
08/02/05	--	--	--	--	--	--	--	--	--	180	--	1700	ND<5.0	ND<5.0	10
11/02/05	--	--	--	--	--	--	--	--	ND<0.0010	220	--	4400	--	--	6.8

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Methanol	Methane	Iron Ferrous	Iron (total)	Manganese (dissolved)	Carbonate	Hydroxide	Nitrate
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)
MW-9 continued															
01/31/06	--	--	--	--	--	--	--	--	ND<0.0010	ND<100	--	10	--	--	3.9
05/03/06	--	--	--	--	--	--	--	--	ND<0.0010	ND<100	--	35	--	--	4.0
08/02/06	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.0010	310	--	ND<10	--	--	2.8

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Sulfate	Sulfide	Alkalinity (bicarb.)	Alkalinity (carbonate	Alkalinity (hydroxide	Alkalinity (total)	Carbon Dioxide (Lab)	Oxygen Demand (biologic)	Oxygen Demand (chemical)	Pre-purge Dissolved Oxygen
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-1										
09/10/03	0.009	ND<0.001	--	--	--	0.052	0.024	ND<0.002	ND<0.005	--
12/09/03	9.3	ND<1.0	36	ND<5.0	ND<5.0	36	--	ND<6.0	ND<5.0	--
03/17/04	10	ND<1.0	25	ND<5.0	ND<5.0	25	35	--	--	--
06/02/04	12	ND<1	15	ND<5.0	ND<5.0	15	49	ND<6	ND<5	--
08/03/04	7.9	ND<5	--	--	--	54	--	--	32	--
11/09/04	--	--	19	ND<5.0	ND<5.0	19	19	--	5.7	--
02/01/05	12	--	24	ND<5.0	ND<5.0	24	57	ND<6	ND<5.0	--
05/04/05	9.7	--	28	ND<5.0	ND<5.0	28	51	ND<6	9.0	--
08/02/05	11	--	25	--	--	25	--	--	--	--
11/02/05	15	--	28.4	--	--	28.4	0.041	--	ND<10	--
01/31/06	11	--	--	--	--	39	19	ND<1.5	28	1.09
05/03/06	11	--	--	--	--	18	43	--	44	6.81
08/02/06	11	--	--	--	--	17	25	ND<1.5	91	5.60
MW-2										
09/10/03	0.0059	ND<0.001	--	--	--	0.059	0.028	0.006	0.65	--
12/10/03	8.5	ND<1.0	62	--	--	62	--	ND<6.0	19	--
03/17/04	16	ND<1.0	27	ND<5.0	ND<5.0	27	38	--	--	--
06/02/04	9.6	ND<1	34	ND<5.0	ND<5.0	34	46	ND<6	ND<5	--
08/03/04	7.7	ND<5	--	--	--	87	--	--	ND<20	--
11/09/04	--	--	81	ND<5.0	ND<5.0	81	24	--	15	--
02/01/05	11	--	33	ND<5.0	ND<5.0	33	73	ND<6	ND<5.0	--
05/04/05	12	--	28	ND<5.0	ND<5.0	28	39	ND<6	13	--
08/02/05	7.6	--	61	--	--	61	--	--	--	--
11/02/05	12	--	137	--	--	137	0.051	--	10	--
01/31/06	15	--	--	--	--	39	16	ND<1.5	28	1.01
05/03/06	15	--	--	--	--	31	31	--	25	3.64

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Sulfate	Sulfide	Alkalinity (bicarb.)	Alkalinity (carbonate	Alkalinity (hydroxide	Alkalinity (total)	Carbon Dioxide (Lab)	Oxygen Demand (biologic)	Oxygen Demand (chemical)	Pre-purge Dissolved Oxygen
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-2 continued										
08/02/06	15	--	--	--	--	48	10	1.7	ND<25	5.35
MW-3										
09/10/03	0.0079	ND<0.001	--	--	--	0.026	0.026	ND<0.02	0.05	--
12/09/03	7.1	ND<1.0	26	ND<5.0	ND<5.0	26	--	ND<6.0	13	--
03/17/04	20	ND<1.0	10	ND<5.0	ND<5.0	10	87	--	--	--
06/02/04	8.4	ND<1	19	ND<5.0	ND<5.0	19	88	ND<6	ND<5	--
08/03/04	5.2	ND<0.5	--	--	--	43	--	--	50	--
11/09/04	--	--	19	ND<5.0	ND<5.0	19	26	--	ND<5.0	--
02/01/05	20	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	120	ND<6	10	--
05/04/05	19	--	12	ND<5.0	ND<5.0	12	120	ND<6	11	--
08/02/05	7.3	--	26	--	--	26	--	--	--	--
11/02/05	9.1	--	41.9	--	--	41.9	0.016	--	ND<10	--
01/31/06	22	--	--	--	--	19	65	ND<1.5	25	1.78
05/03/06	21	--	--	--	--	14	32	--	25	3.18
08/02/06	8.5	--	--	--	--	33	26	ND<1.5	31	1.85
MW-4										
09/10/03	0.005	ND<0.001	--	--	--	0.036	0.028	ND<0.02	0.048	--
03/17/04	4.9	ND<1.0	30	ND<5.0	ND<5.0	30	80	--	--	--
08/03/04	4.4	ND<5	--	--	--	39	--	--	25	--
02/01/05	5.5	--	43	ND<5.0	ND<5.0	43	120	ND<6	ND<5.0	--
08/02/05	4.5	--	39	--	--	39	--	--	--	--
01/31/06	5.4	--	--	--	--	35	64	ND<1.5	25	1.09
05/03/06	--	--	--	--	--	--	--	--	--	3.96
08/02/06	5.8	--	--	--	--	45	36	ND<1.5	45	2.70
MW-5										

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Sulfate (mg/l)	Sulfide (mg/l)	Alkalinity (bicarb.) (mg/l)	Alkalinity (carbonate (mg/l)	Alkalinity (hydroxide (mg/l)	Alkalinity (total) (mg/l)	Carbon Dioxide (Lab) (mg/l)	Oxygen Demand (biologic) (mg/l)	Oxygen Demand (chemical) (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-5 continued										
09/10/03	0.0088	ND<0.001	--	--	--	0.026	0.02	ND<0.02	0.029	--
12/09/03	7.3	ND<1.0	52	ND<5.0	ND<5.0	52	--	ND<6.0	ND<5.0	--
03/17/04	8.6	ND<1.0	15	ND<5.0	ND<5.0	15	39	--	--	--
06/02/04	7.9	ND<1	29	ND<5.0	ND<5.0	29	55	ND<6	ND<5	--
08/03/04	7.2	ND<5	--	--	--	64	--	--	36	--
11/09/04	--	--	39	ND<5.0	ND<5.0	39	23	--	ND<5.0	--
02/01/05	9.5	--	19	ND<5.0	ND<5.0	19	37	ND<6	ND<5.0	--
05/04/05	7.9	--	19	ND<5.0	ND<5.0	19	28	ND<6	5.3	--
08/02/05	11	--	24	--	--	24	--	--	--	--
11/02/05	6.6	--	51.5	--	--	51.5	0.071	--	ND<10	--
01/31/06	12	--	--	--	--	27	17	ND<1.5	55	1.13
05/03/06	11	--	--	--	--	29	52	--	25	5.95
08/02/06	8.6	--	--	--	--	35	34	ND<1.5	29	5.20
MW-6										
09/10/03	0.024	ND<0.001	--	--	--	0.1	0.025	ND<0.006	0.015	--
12/09/03	31	ND<1.0	83	ND<5.0	ND<5.0	83	--	ND<6.0	8.2	--
03/17/04	34	ND<1.0	96	ND<5.0	ND<5.0	96	72	--	--	--
06/02/04	34	ND<1	73	ND<5.0	ND<5.0	73	140	ND<6	13	--
08/03/04	6.6	ND<5	--	--	--	36	--	--	48	--
11/09/04	--	--	76	ND<5.0	ND<5.0	76	29	--	7.2	--
02/01/05	35	--	62	ND<5.0	ND<5.0	62	150	ND<6	10	--
05/04/05	31	--	60	ND<5.0	ND<5.0	60	140	ND<6	27	--
05/03/06	29	--	--	--	--	67	57	--	27	4.80
08/02/06	26	--	--	--	--	63	56	ND<1.5	ND<25	2.05
MW-7										
09/10/03	0.025	ND<0.001	--	--	--	0.1	0.033	ND<0.02	0.029	--

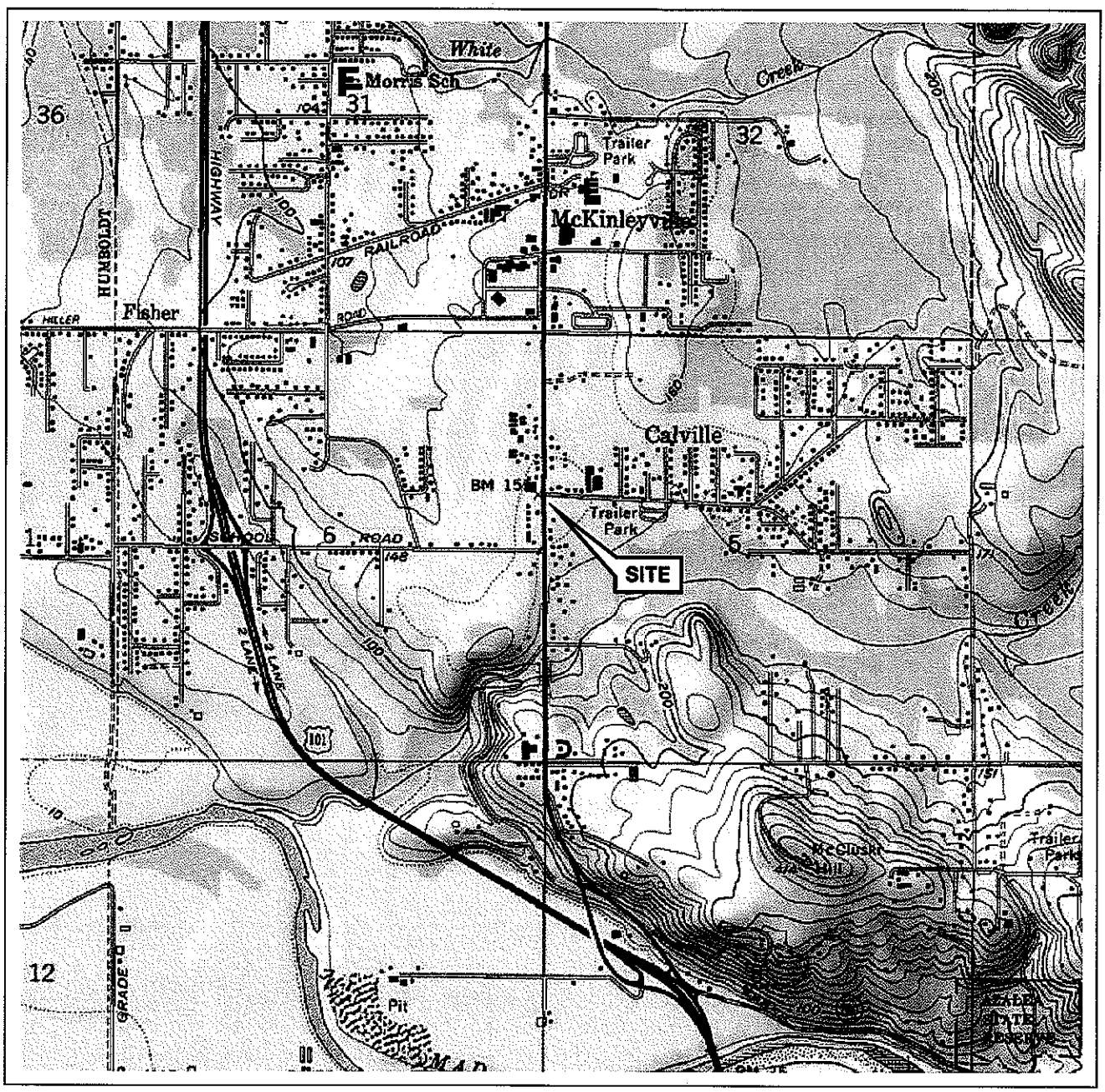
Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Sulfate (mg/l)	Sulfide (mg/l)	Alkalinity (bicarb.) (mg/l)	Alkalinity (carbonate (mg/l)	Alkalinity (hydroxide (mg/l)	Alkalinity (total) (mg/l)	Carbon Dioxide (Lab) (mg/l)	Oxygen Demand (biologic) (mg/l)	Oxygen Demand (chemical) (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
MW-7 continued										
12/10/03	28	ND<1.0	130	--	--	130	--	ND<6.0	29	--
03/17/04	24	ND<1.0	120	ND<5.0	ND<5.0	120	110	--	--	--
06/02/04	110	ND<1	73	ND<5.0	ND<5.0	73	100	ND<6	ND<5	--
08/03/04	8.7	ND<5	--	--	--	85	--	--	54	--
11/09/04	270	--	27	ND<5.0	ND<5.0	27	21	--	18	--
02/01/05	150	--	48	ND<5.0	ND<5.0	48	120	ND<6	12	--
05/04/05	86	--	50	ND<5.0	ND<5.0	50	110	ND<6	9.5	--
08/02/05	79	--	52	--	--	52	--	--	--	--
11/02/05	160	--	50.3	--	--	50.3	0.13	--	ND<0.01	--
01/31/06	60	--	--	--	--	51	80	ND<1.5	25	1.01
05/03/06	61	--	--	--	--	54	69	--	29	3.57
08/02/06	58	--	--	--	--	56	54	ND<1.5	31	3.85
MW-8										
09/10/03	0.017	ND<0.001	--	--	--	0.057	0.023	ND<0.02	0.03	--
03/17/04	16	ND<1.0	50	ND<5.0	ND<5.0	50	49	--	--	--
08/03/04	22	ND<5	--	--	--	31	--	--	66	--
02/01/05	20	--	69	ND<5.0	ND<5.0	69	92	ND<6	8.0	--
08/02/05	17	--	68	--	--	68	--	--	--	--
01/31/06	17	--	--	--	--	69	52	ND<1.5	25	1.26
05/03/06	--	--	--	--	--	--	--	--	--	4.05
08/02/06	25	--	--	--	--	68	48	ND<1.5	67	5.16
MW-9										
09/10/03	0.025	ND<0.001	--	--	--	0.078	0.026	ND<0.006	0.021	--
12/09/03	26	--	100	ND<5.0	ND<5.0	100	--	--	--	--
03/17/04	25	ND<1.0	55	ND<5.0	ND<5.0	55	79	--	--	--
06/02/04	26	ND<1	78	ND<5.0	ND<5.0	78	160	ND<6	ND<5	--

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Former Circle K Store 01106

Date Sampled	Sulfate	Sulfide	Alkalinity (bicarb.)	Alkalinity (carbonate	Alkalinity (hydroxide	Alkalinity (total)	Carbon Dioxide (Lab)	Oxygen Demand (biologic)	Oxygen Demand (chemical)	Pre-purge Dissolved Oxygen
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)
MW-9 continued										
08/03/04	8.2	ND<5	--	--	--	32	--	--	34	--
11/09/04	--	--	79	ND<5.0	ND<5.0	79	24	--	7.6	--
02/01/05	27	--	72	ND<5.0	ND<5.0	72	100	ND<6	ND<5.0	--
05/04/05	28	--	61	ND<5.0	ND<5.0	61	75	ND<6	21	--
08/02/05	28	--	71	--	--	71	--	--	--	--
11/02/05	28	--	79	--	--	79	0.074	--	ND<10	--
01/31/06	25	--	--	--	--	68	54	ND<1.5	25	0.91
05/03/06	25	--	--	--	--	53	60	--	25	2.17
08/02/06	27	--	--	--	--	80	60	ND<1.5	55	4.00

FIGURES



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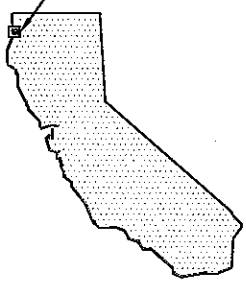
QUADRANGLE LOCATIONS



SOURCE:

United States Geological Survey
7.5 Minute Topographic Maps:
Arcata North and Tyee City
Quadrangles

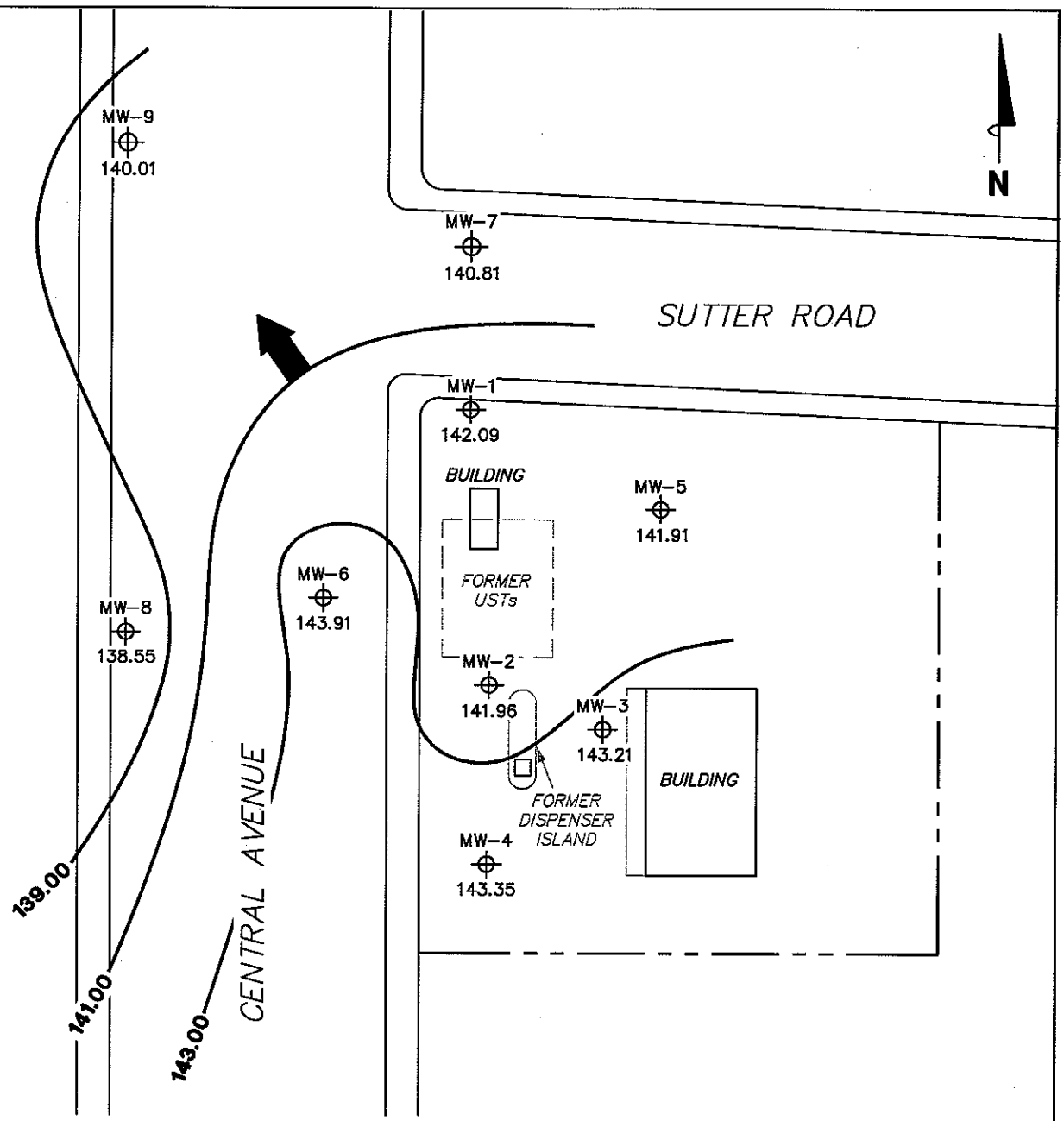
VICINITY MAP

Former Circle K Store 01106
1693 Central Avenue
McKinleyville, California

TRC

FIGURE 1

PS = 1:1 L:\VICINITY MAPS\01106VM.DWG Jun 09, 2006 - 9:30am lwinters



NOTES:

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

LEGEND

MW-9 ⊕ Monitoring Well with Groundwater Elevation (feet)

143.00 —— Groundwater Elevation Contour

➡ General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
August 2, 2006

Former Circle K Store 01106
1693 Central Avenue
McKinleyville, California

TRC

SCALE (FEET)
0 60

FIGURE 2

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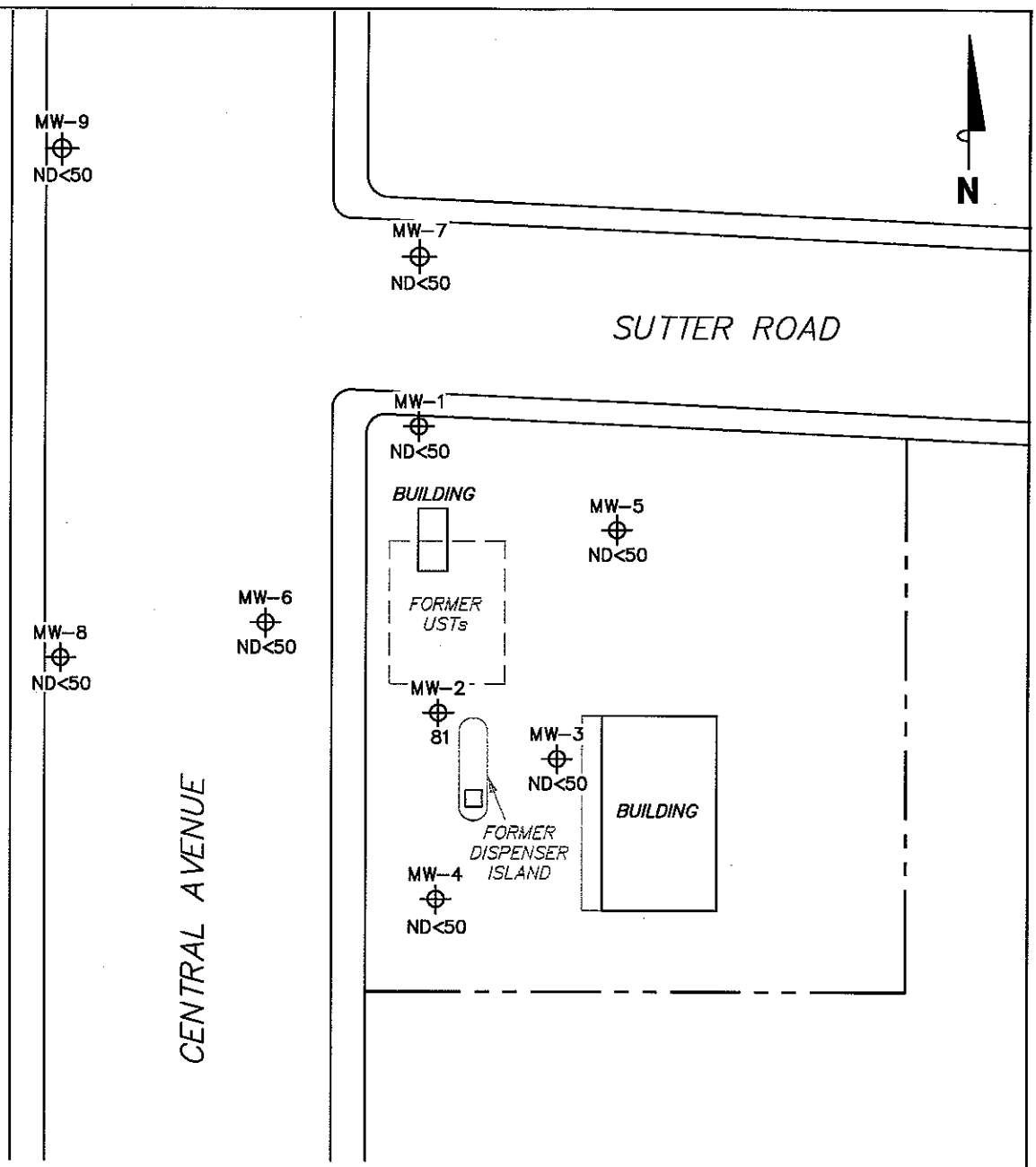


NOTES:

TPH-G = total petroleum hydrocarbons as gasoline. µg/l = micrograms per liter. UST = underground storage tank. ND = not detected at limit indicated on official laboratory report. Results obtained using EPA Method 8015.

LEGEND

MW-9 ⊕ Monitoring Well with Dissolved-Phase TPH-G Concentration (µg/l)

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
August 2, 2006

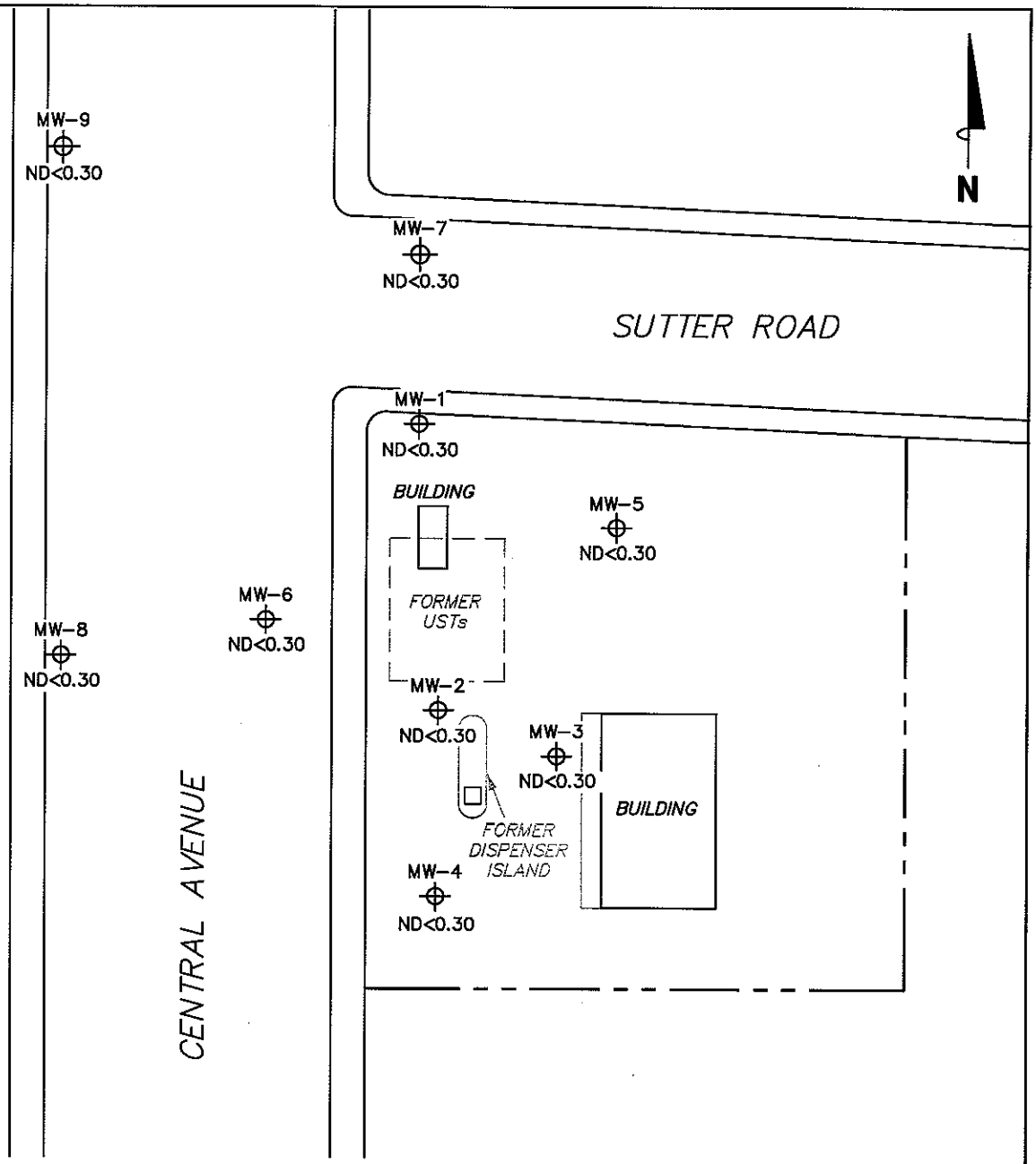
Former Circle K Store 01106
1693 Central Avenue
McKinleyville, California

TRC

SCALE (FEET)
0 60

FIGURE 3

PS=1:1 01106-003 \\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\01106+\01106QMS.dwg Sep 01, 2006 - 2:02pm bschmidt



NOTES:

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

LEGEND

MW-9 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
August 2, 2006

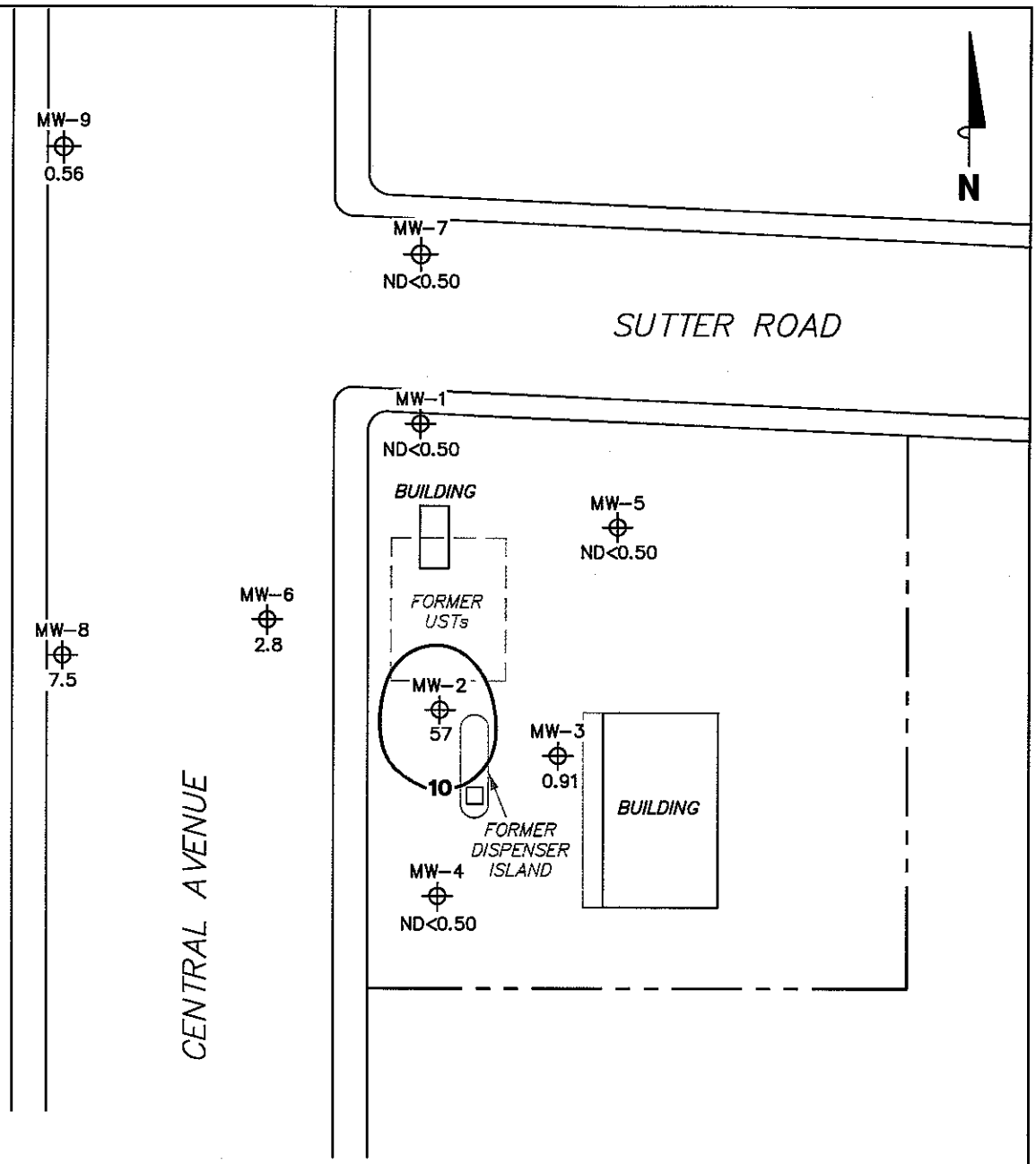
Former Circle K Store 01106
1693 Central Avenue
McKinleyville, California

TRC

SCALE (FEET)
0 60

FIGURE 4

PS=1:1 01106-003 \\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\01106+\011060MS.dwg Sep 01, 2006 - 2:02pm bschmidt



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. UST = underground storage tank. ND = not detected at limit indicated on official laboratory report. Results obtained using EPA Method 8260B.

LEGEND

MW-9 Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

10 Dissolved-Phase MTBE Contour (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
August 2, 2006

Former Circle K Store 01106
1693 Central Avenue
McKinleyville, California

TRC

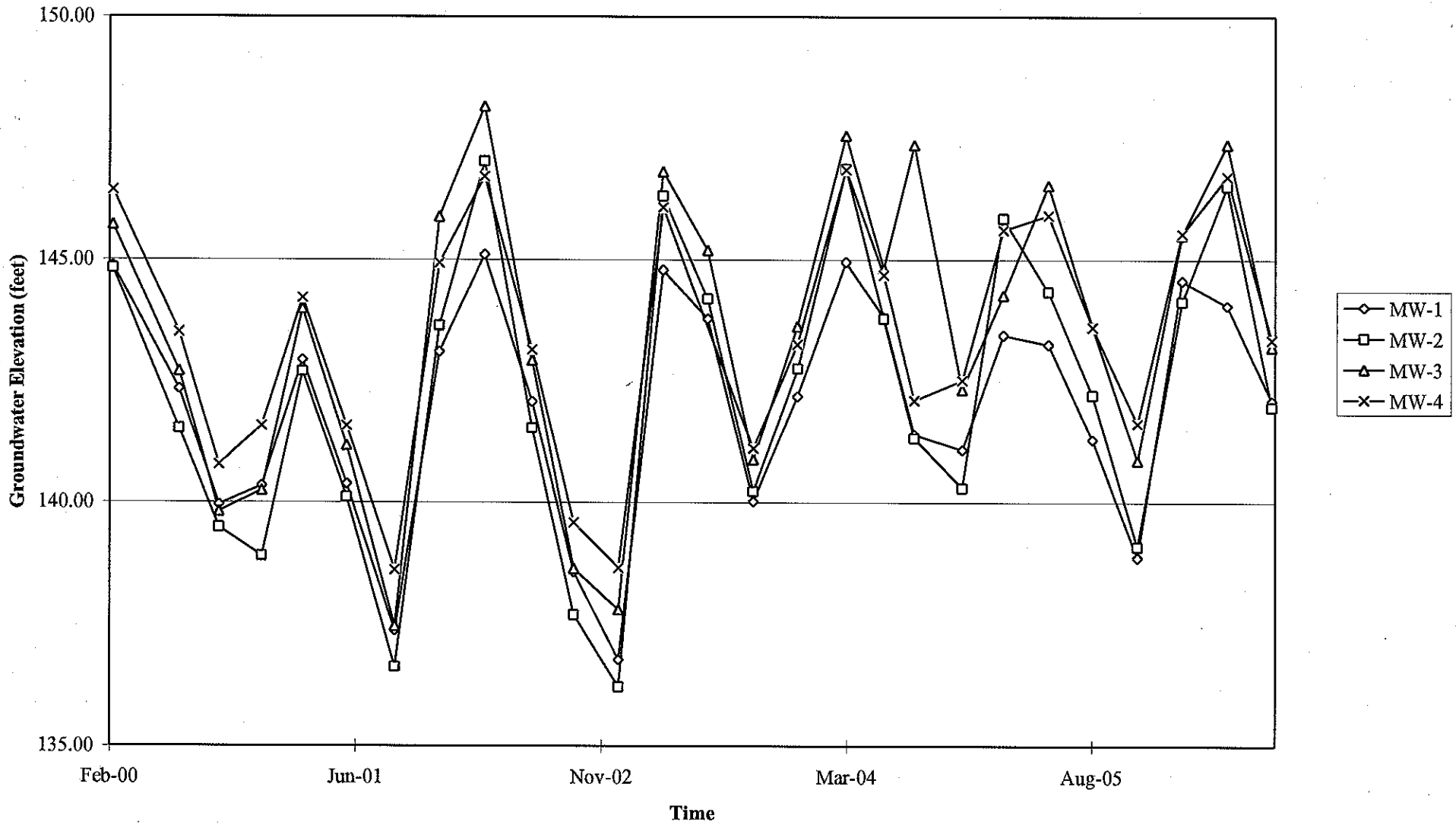
SCALE (FEET)
0 60

FIGURE 5

PS=1:1 01106-003\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-0000\01106+\01106QMS.dwg Sep 01, 2006 - 2:03pm bschmidt

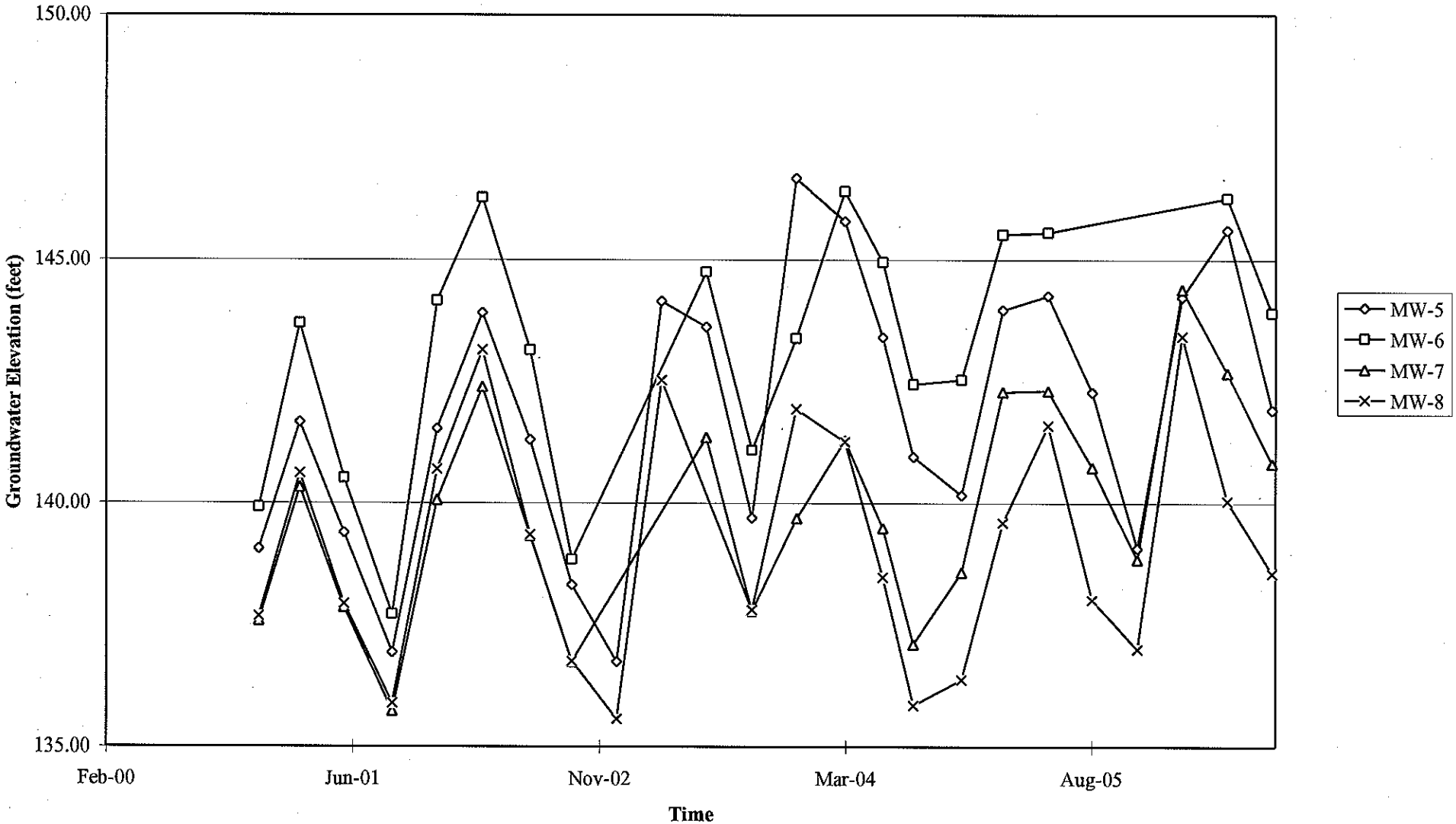
GRAPHS

Groundwater Elevations vs. Time
Former Circle K Store 01106



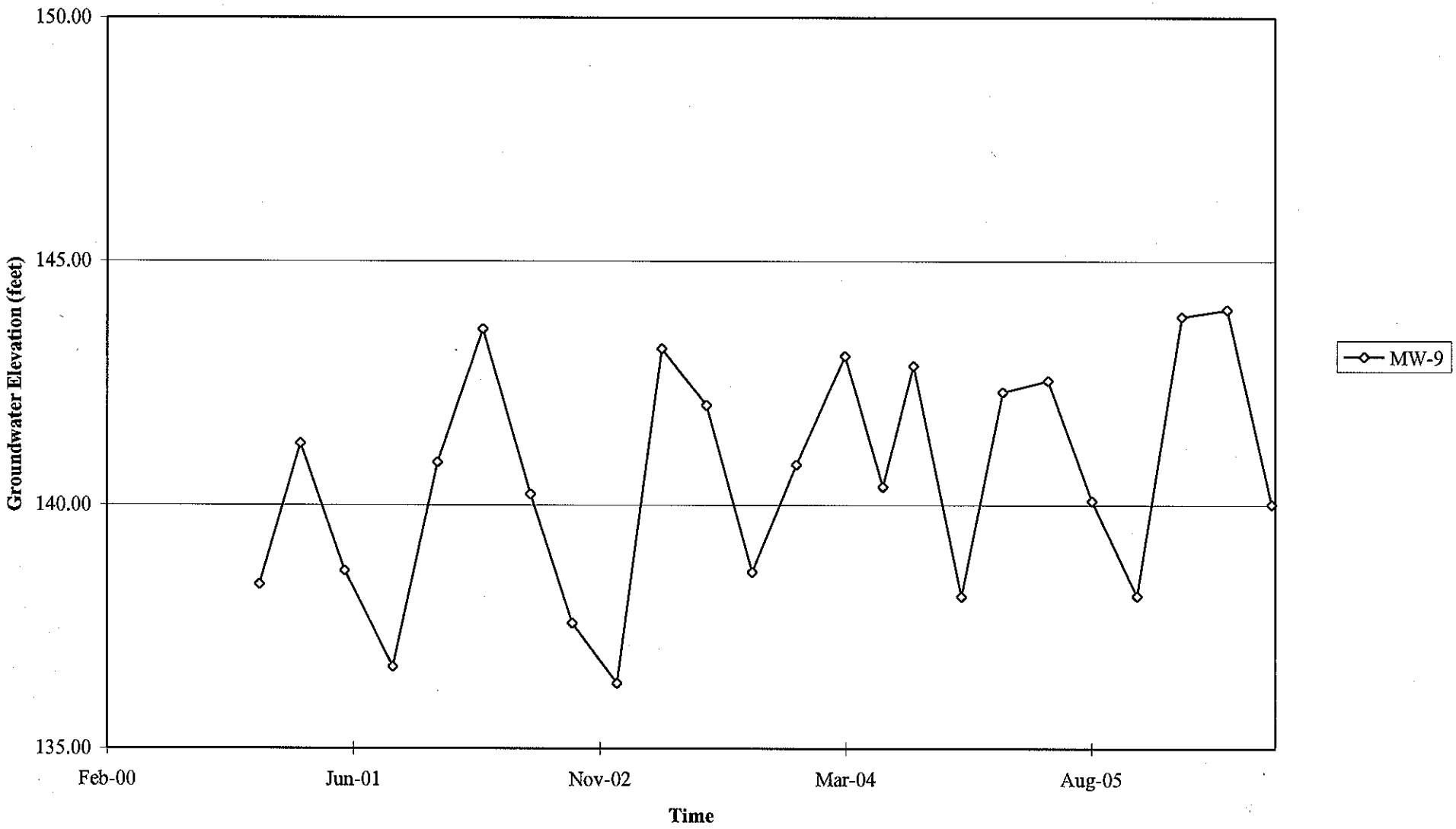
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Former Circle K Store 01106



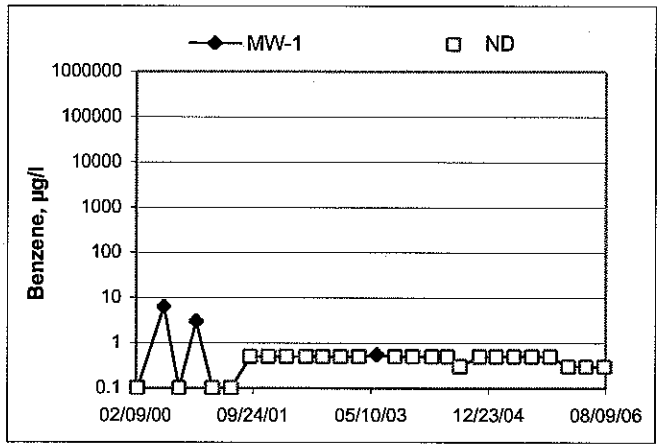
Elevations may have been corrected for apparent changes due to resurvey

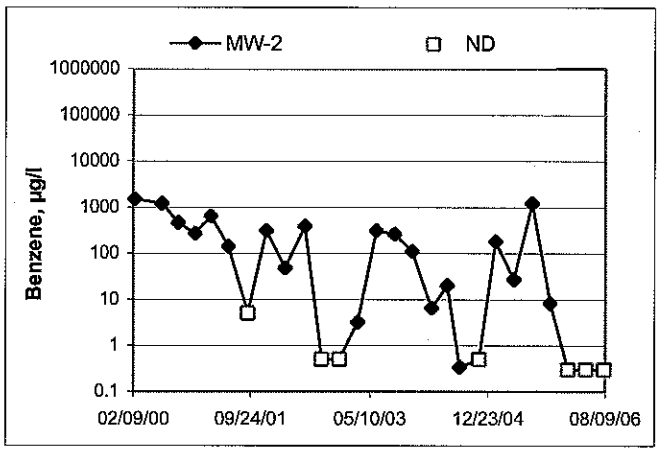
Groundwater Elevations vs. Time
Former Circle K Store 01106

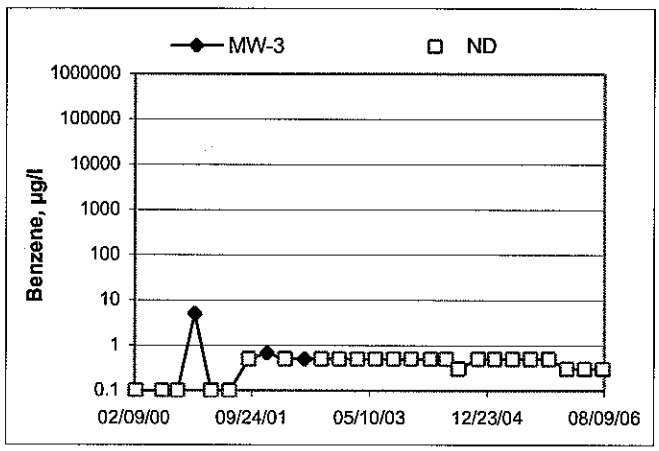


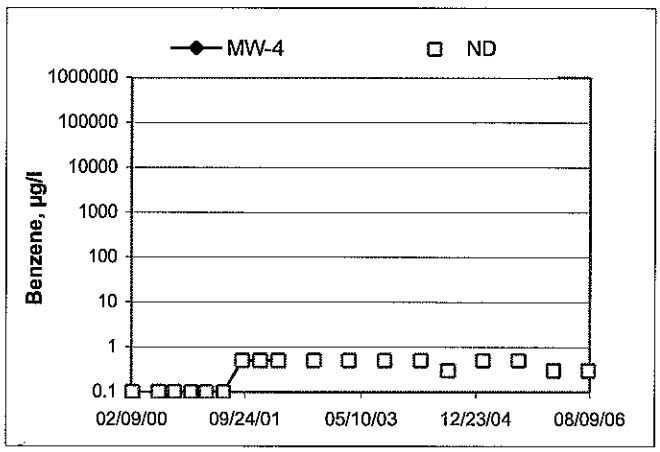
Elevations may have been corrected for apparent changes due to resurvey

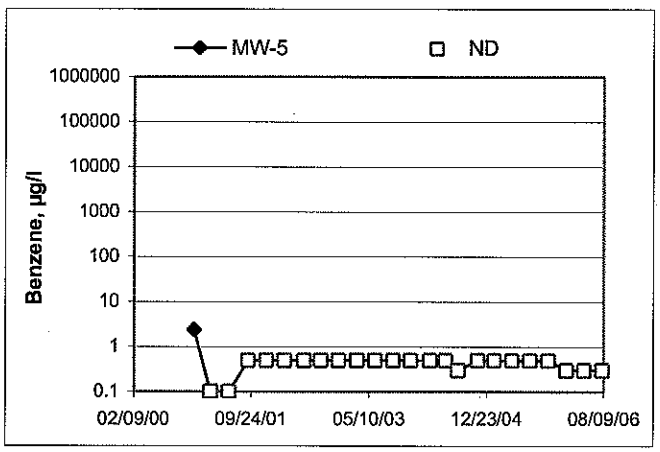
Benzene Concentrations vs Time
Former Circle K Store 01106

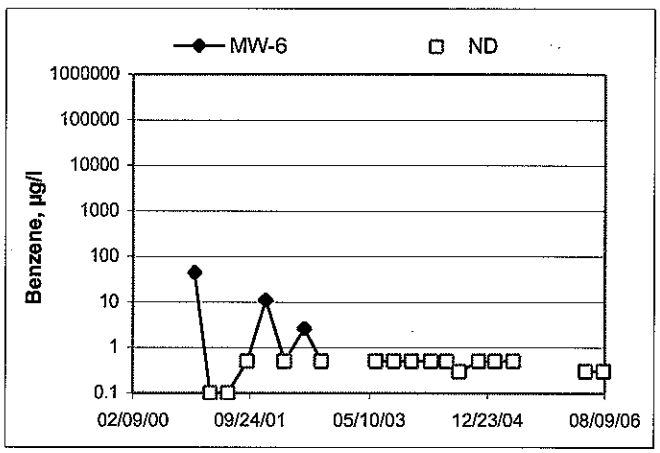


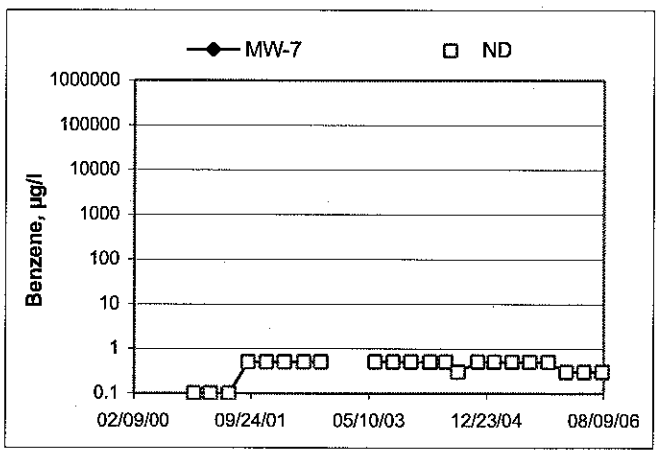


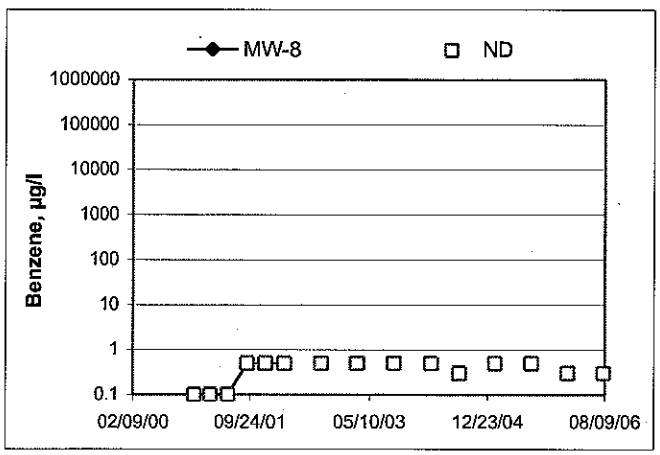




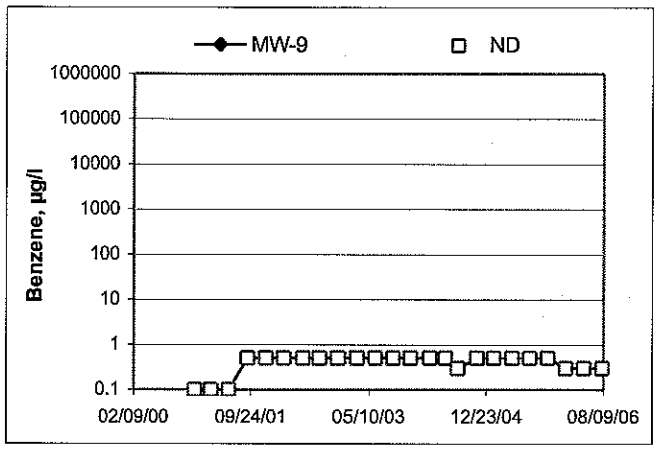




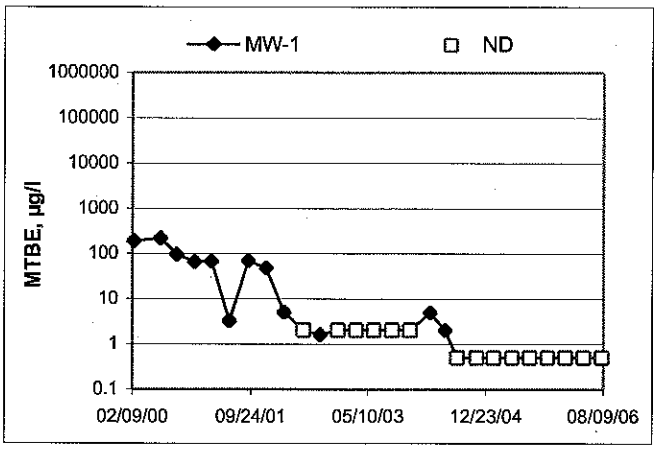


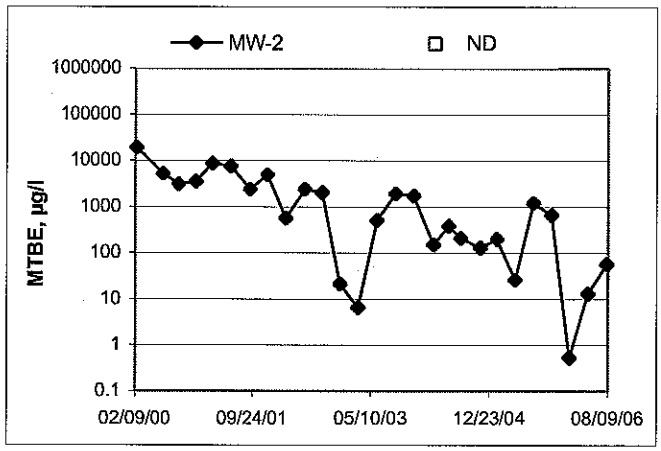


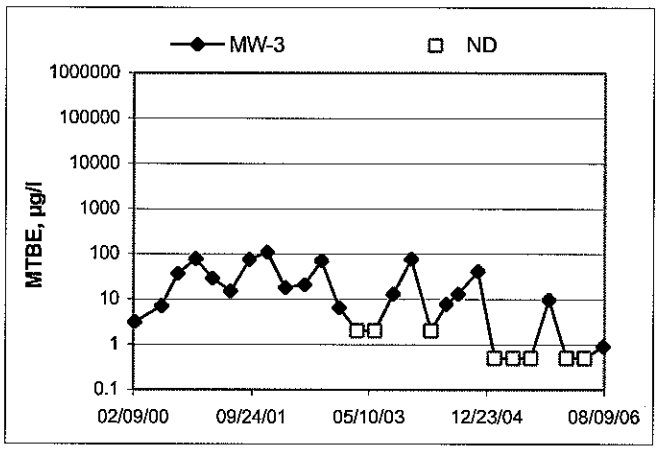
Benzene Concentrations vs Time
Former Circle K Store 01106

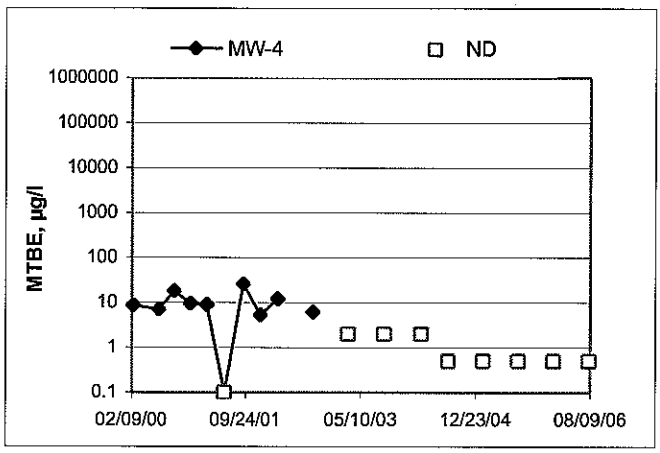


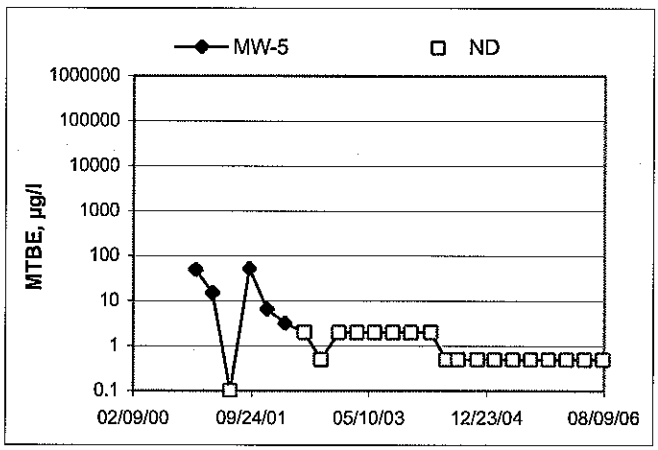
MTBE Concentrations vs Time
Former Circle K Store 01106

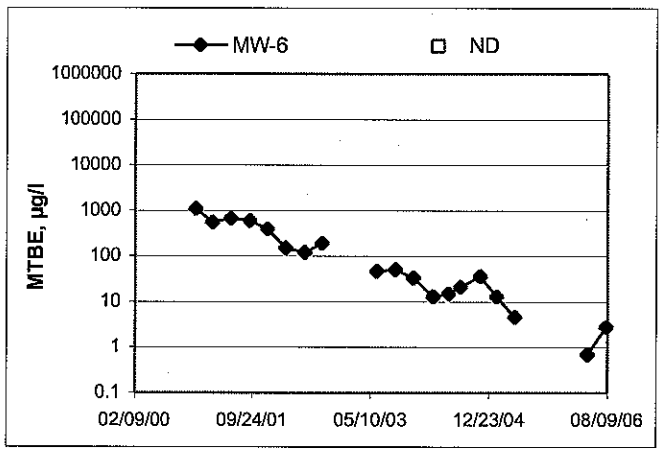


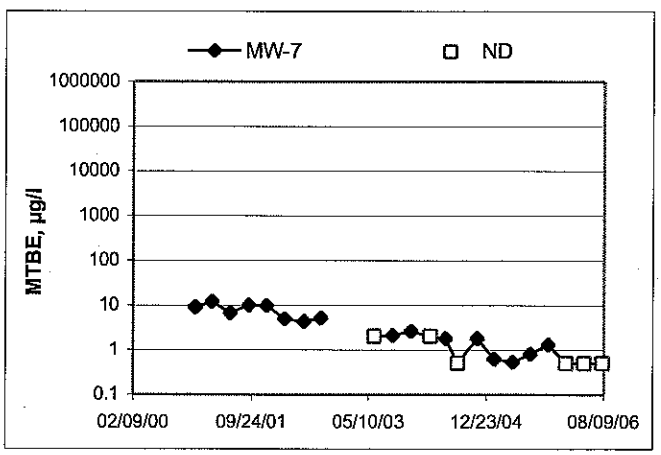


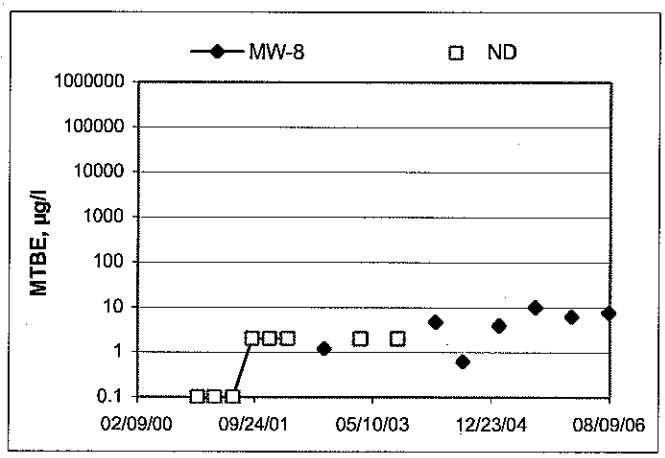




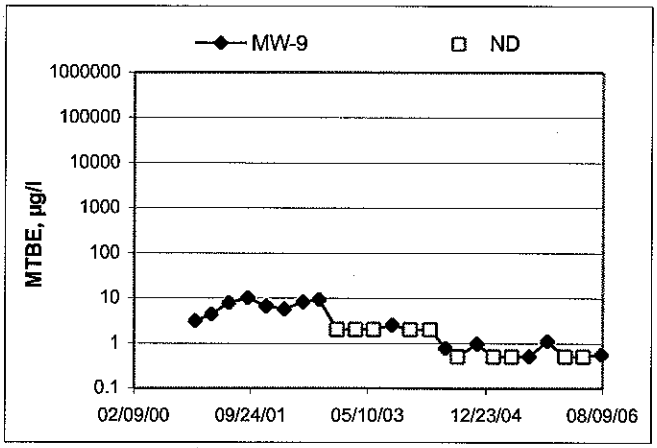








MTBE Concentrations vs Time
Former Circle K Store 01106



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 #: 4106000 Date: 08-02-06

Site # 01106 Project Manager A. Collins Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-1	0405	X	16.89	7.46	—	—	0450	2"
MW-7	0518	X	16.83	8.81	—	—	0932	2"
MW-6	0527	X	16.45	6.54	—	—	1030	2"
MW-9	0538	X	19.46	9.96	—	—	1130	2"
MW-8	0548	X	19.44	11.94	—	—	1215	2"
MW-5	0604	X	17.06	8.25	—	—	0730	2"
MW-3	0612	X	16.95	7.33	—	—	0805	2"
MW-4	0620	X	17.03	7.31	—	—	0840	2"
MW-2	0628	X	17.04	8.18	—	—	1330	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: 01106 Project No.: 41060001 Date: 08-02-06

Well No.: MW-1 Purge Method: DFA

Depth to Water (feet): 7.46 Depth to Product (feet): —

Total Depth (feet): 16.89 LPH & Water Recovered (gallons): —

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

80% Recharge Depth (feet): 9.34 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.
								5.60
0425			2	149	17.0	7.84		
			4	198.1	17.1	7.45		
	0426		6	187.3	17.1	7.35		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.34	6	0450

Comments:

Well No.: MW-7 Purge Method: DFA

Depth to Water (feet): 8.81 Depth to Product (feet): —

Total Depth (feet): 16.83 LPH & Water Recovered (gallons): —

Water Column (feet): 8.02 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.41 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
								3.85
0917			1	262	18.2	6.44		
			2	266	18.3	6.11		
	0918		3	270	18.3	6.07		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.41	3	0932

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 01106 Project No.: 41060001 Date: 08-02-06

Well No.: MW-8 Purge Method: HB

Depth to Water (feet): 11.94 Depth to Product (feet): —

Total Depth (feet): 19.44 LPH & Water Recovered (gallons): —

Water Column (feet): 7.5 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 13.44 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
								5.16
1159			1	221	17.6	6.79		
			2	216	17.1	6.61		
	1203		3	212	17.0	6.87		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.94	3	1215

Comments:

Well No.: MW-5 Purge Method: DTA

Depth to Water (feet): 8.25 Depth to Product (feet): —

Total Depth (feet): 17.06 LPH & Water Recovered (gallons): —

Water Column (feet): 8.81 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.01 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
								5.20
0715			1	189.5	15.7	6.92		
			2	182.0	15.9	6.80		
	0716		3	199.0	16.0	6.36		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.01	3	0730

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 01106 Project No.: 41060001 Date: 08-02-06

Well No.: MW-6 Purge Method: DFA

Depth to Water (feet): 6.54 Depth to Product (feet): —

Total Depth (feet): 16.45 LPH & Water Recovered (gallons): —

Water Column (feet): 9.91 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 8.52 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.
								2.05
1016			2	219	17.9	6.10		
			4	~~2~~ 300	18.5	6.07		
	1017		6	210				

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.52	6	~~10~~ 1030

Comments:

Well No.: MW-9 Purge Method: HB

Depth to Water (feet): 9.96 Depth to Product (feet): —

Total Depth (feet): 19.46 LPH & Water Recovered (gallons): —

Water Column (feet): 9.5 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.86 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.
								4.00
1115			2	257	17.5	6.31		
			4	244	16.8	6.73		
	1123		6	230	17.0	6.37		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.86	6	1130

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 01106 Project No.: 41060001 Date: 08-02-08

Well No.: MW-3 Purge Method: DIA

Depth to Water (feet): 7.33 Depth to Product (feet): —

Total Depth (feet): 16.95 LPH & Water Recovered (gallons): —

Water Column (feet): 9.62 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.25 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.
								1.85
0750			2	158	17.2	6.68		
			4	173	17.5	6.08		
	0752		6	135	17.5	6.05		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.25	6	0805

Comments:

Well No.: MW-4 Purge Method: DIA

Depth to Water (feet): 7.31 Depth to Product (feet): —

Total Depth (feet): 17.03 LPH & Water Recovered (gallons): —

Water Column (feet): 9.72 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.25 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.
								2.70
0823			2	245	18.2	6.16		
			4	217	18.1	6.05		
	0825		6	228	18.1	6.31		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.25	6	0840

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 01106 Project No.: 41060001 Date: 08-02-06

Well No.: ~~8-18~~ MW-2 Purge Method: ~~DIA~~ HB

Depth to Water (feet): 8.18 Depth to Product (feet): —

Total Depth (feet): 17.04 LPH & Water Recovered (gallons): —

Water Column (feet): 8.86 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.95 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
								5.35
1237			1	200	19.7	6.80		
			2	218	18.9	7.04		
	1242		3	233	18.6	6.97		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.95	3	1330

Comments:

Well No.: Purge Method:

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

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

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

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

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.

Static at Time Sampled	Total Gallons Purged	Time Sampled

Comments:

BC Laboratories, Inc

Date of Report: 08/22/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 01106

BC Lab Number: 0607877

Enclosed are the results of analyses for samples received by the laboratory on 08/03/06 09:50. 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: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0607877-01	COC Number: ---		Receive Date: 08/03/06 09:50		Delivery Work Order:
	Project Number: 01106		Sampling Date: 08/02/06 04:50		Global ID: T0602300436
	Sampling Location: MW-1		Sample Depth: ---		Matrix: W
	Sampling Point: MW-1		Sample Matrix: Water		Samle QC Type (SACode): CS
	Sampled By: Joe of TRCI				Cooler ID:
0607877-02	COC Number: ---		Receive Date: 08/03/06 09:50		Delivery Work Order:
	Project Number: 01106		Sampling Date: 08/02/06 13:30		Global ID: T0602300436
	Sampling Location: MW-2		Sample Depth: ---		Matrix: W
	Sampling Point: MW-2		Sample Matrix: Water		Samle QC Type (SACode): CS
	Sampled By: Joe of TRCI				Cooler ID:
0607877-03	COC Number: ---		Receive Date: 08/03/06 09:50		Delivery Work Order:
	Project Number: 01106		Sampling Date: 08/02/06 08:05		Global ID: T0602300436
	Sampling Location: MW-3		Sample Depth: ---		Matrix: W
	Sampling Point: MW-3		Sample Matrix: Water		Samle QC Type (SACode): CS
	Sampled By: Joe of TRCI				Cooler ID:
0607877-04	COC Number: ---		Receive Date: 08/03/06 09:50		Delivery Work Order:
	Project Number: 01106		Sampling Date: 08/02/06 08:40		Global ID: T0602300436
	Sampling Location: MW-4		Sample Depth: ---		Matrix: W
	Sampling Point: MW-4		Sample Matrix: Water		Samle QC Type (SACode): CS
	Sampled By: Joe of TRCI				Cooler ID:
0607877-05	COC Number: ---		Receive Date: 08/03/06 09:50		Delivery Work Order:
	Project Number: 01106		Sampling Date: 08/02/06 07:30		Global ID: T0602300436
	Sampling Location: MW-5		Sample Depth: ---		Matrix: W
	Sampling Point: MW-5		Sample Matrix: Water		Samle QC Type (SACode): CS
	Sampled By: Joe of TRCI				Cooler ID:

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

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

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0607877-06	**COC Number:** ---		**Receive Date:** 08/03/06 09:50		Delivery Work Order:
	Project Number: 01106		**Sampling Date:** 08/02/06 10:30		Global ID: T0602300436
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	Sampling Point: MW-6		**Sample Matrix:** Water		Samle QC Type (SACode): CS
	Sampled By: Joe of TRCI				Cooler ID:
0607877-07	**COC Number:** ---		**Receive Date:** 08/03/06 09:50		Delivery Work Order:
	Project Number: 01106		**Sampling Date:** 08/02/06 09:32		Global ID: T0602300436
	Sampling Location: MW-7		**Sample Depth:** ---		Matrix: W
	Sampling Point: MW-7		**Sample Matrix:** Water		Samle QC Type (SACode): CS
	Sampled By: Joe of TRCI				Cooler ID:
0607877-08	**COC Number:** ---		**Receive Date:** 08/03/06 09:50		Delivery Work Order:
	Project Number: 01106		**Sampling Date:** 08/02/06 12:15		Global ID: T0602300436
	Sampling Location: MW-8		**Sample Depth:** ---		Matrix: W
	Sampling Point: MW-8		**Sample Matrix:** Water		Samle QC Type (SACode): CS
	Sampled By: Joe of TRCI				Cooler ID:
0607877-09	**COC Number:** ---		**Receive Date:** 08/03/06 09:50		Delivery Work Order:
	Project Number: 01106		**Sampling Date:** 08/02/06 11:30		Global ID: T0602300436
	Sampling Location: MW-9		**Sample Depth:** ---		Matrix: W
	Sampling Point: MW-9		**Sample Matrix:** Water		Samle QC Type (SACode): CS
	Sampled By: Joe of TRCI				Cooler ID:

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0607877-01 | **Client Sample Name:** 01106, MW-1, MW-1, 8/2/2006 4:50:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433	0.22	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433	ND	V11
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433		
4-Bromofluorobenzene (Surrogate)	107	%	86 - 115 (LCL - UCL)		EPA-8260	08/04/06	08/04/06 20:12	SDU	MS-V6	1	BPH0433		

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

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0607877-01 | **Client Sample Name:** 01106, MW-1, MW-1, 8/2/2006 4:50:00AM, Joe

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	0.30		EPA-8021	08/04/06	08/08/06 00:02	CAW	GC-V4	1	BPH0331	ND	
Toluene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 00:02	CAW	GC-V4	1	BPH0331	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 00:02	CAW	GC-V4	1	BPH0331	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/04/06	08/08/06 00:02	CAW	GC-V4	1	BPH0331	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/04/06	08/08/06 00:02	CAW	GC-V4	1	BPH0331	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	80.5	%	70 - 130	(LCL - UCL)	EPA-8021	08/04/06	08/08/06 00:02	CAW	GC-V4	1	BPH0331		
a,a,a-Trifluorotoluene (FID Surrogate)	93.9	%	70 - 130	(LCL - UCL)	Luft	08/04/06	08/08/06 00:02	CAW	GC-V4	1	BPH0331		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

BCL Sample ID: 0607877-01 | **Client Sample Name:** 01106, MW-1, MW-1, 8/2/2006 4:50:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Alkalinity as CaCO3	17	mg/L	2.5		EPA-310.1	08/11/06	08/11/06 17:00	MAR	BDB	1	BPH0849	1.9	
Nitrate as N	7.8	mg/L	0.10		EPA-300.0	08/03/06	08/04/06 02:12	LMB	IC2	1	BPH0240	ND	
Sulfate	11	mg/L	1.0		EPA-300.0	08/03/06	08/04/06 02:12	LMB	IC2	1	BPH0240	ND	
Iron (II) Species	220	ug/L	100		SM-3500-Fe	08/03/06	08/03/06 14:00	MV1	SPEC05	1	BPH0353	ND	
Biochemical Oxygen Demand - Seeded	ND	mg O/L	1.5		SM17-5210I	08/03/06	08/03/06 14:35	HPR	YSI-57	1.53	BPH0563	1.1	
Chemical Oxygen Demand	91	mg O/L	25		EPA-410.4	08/07/06	08/07/06 14:00	MV1	SPEC05	1	BPH0464	2.3	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 08/22/06 11:14

Water Analysis (Metals)

BCL Sample ID: 0607877-01 | **Client Sample Name:** 01106, MW-1, MW-1, 8/2/2006 4:50:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Manganese	ND	ug/L	10		EPA-6010B	08/04/06	08/07/06 18:35	EMC	PE-OP1	1	BPH0311	1.2	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0607877-02 | **Client Sample Name:** 01106, MW-2, MW-2, 8/2/2006 1:30:00PM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433	ND	
Methyl t-butyl ether	57	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433	0.22	
t-Amyl Methyl ether	5.4	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433	ND	
t-Butyl alcohol	14	ug/L	10		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.0	%	76 - 114 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433		
4-Bromofluorobenzene (Surrogate)	91.5	%	86 - 115 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 06:26	SDU	MS-V6	1	BPH0433		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0607877-02 | **Client Sample Name:** 01106, MW-2, MW-2, 8/2/2006 1:30:00PM, Joe

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	0.30		EPA-8021	08/04/06	08/08/06 00:28	CAW	GC-V4	1	BPH0331	ND	
Toluene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 00:28	CAW	GC-V4	1	BPH0331	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 00:28	CAW	GC-V4	1	BPH0331	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/04/06	08/08/06 00:28	CAW	GC-V4	1	BPH0331	ND	
Gasoline Range Organics (C4 - C12)	81	ug/L	50		Luft	08/04/06	08/08/06 00:28	CAW	GC-V4	1	BPH0331	ND	A53
a,a,a-Trifluorotoluene (PID Surrogate)	86.7	%	70 - 130	(LCL - UCL)	EPA-8021	08/04/06	08/08/06 00:28	CAW	GC-V4	1	BPH0331		
a,a,a-Trifluorotoluene (FID Surrogate)	99.5	%	70 - 130	(LCL - UCL)	Luft	08/04/06	08/08/06 00:28	CAW	GC-V4	1	BPH0331		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 08/22/06 11:14

Water Analysis (General Chemistry)

BCL Sample ID: 0607877-02 | **Client Sample Name:** 01106, MW-2, MW-2, 8/2/2006 1:30:00PM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Alkalinity as CaCO3	48	mg/L	2.5		EPA-310.1	08/11/06	08/11/06 17:00	MAR	BDB	1	BPH0849	1.9	
Nitrate as N	2.3	mg/L	0.10		EPA-300.0	08/03/06	08/04/06 02:31	LMB	IC2	1	BPH0240	ND	
Sulfate	15	mg/L	1.0		EPA-300.0	08/03/06	08/04/06 02:31	LMB	IC2	1	BPH0240	ND	
Iron (II) Species	ND	ug/L	100		SM-3500-Fe	08/03/06	08/03/06 14:00	MV1	SPEC05	1	BPH0353	ND	
Biochemical Oxygen Demand - Seeded	1.7	mg O/L	1.5		SM17-5210I	08/04/06	08/04/06 09:00	HPR	YSI-57	1.53	BPH0672	1.1	
Chemical Oxygen Demand	ND	mg O/L	25		EPA-410.4	08/07/06	08/07/06 14:00	MV1	SPEC05	1	BPH0464	2.3	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Water Analysis (Metals)

BCL Sample ID: 0607877-02 | **Client Sample Name:** 01106, MW-2, MW-2, 8/2/2006 1:30:00PM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Manganese	ND	ug/L	10		EPA-6010B	08/04/06	08/07/06 18:38	EMC	PE-OP1	1	BPH0311	1.2	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0607877-03 | **Client Sample Name:** 01106, MW-3, MW-3, 8/2/2006 8:05:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433	ND	
Methyl t-butyl ether	0.91	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433	0.22	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433		
4-Bromofluorobenzene (Surrogate)	93.2	%	86 - 115 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 06:51	SDU	MS-V6	1	BPH0433		

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Irvine CA, 92618-2302

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0607877-03 | **Client Sample Name:** 01106, MW-3, MW-3, 8/2/2006 8:05:00AM, Joe

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	0.30		EPA-8021	08/04/06	08/08/06 00:54	CAW	GC-V4	1	BPH0331	ND	
Toluene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 00:54	CAW	GC-V4	1	BPH0331	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 00:54	CAW	GC-V4	1	BPH0331	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/04/06	08/08/06 00:54	CAW	GC-V4	1	BPH0331	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/04/06	08/08/06 00:54	CAW	GC-V4	1	BPH0331	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	81.2	%	70 - 130	(LCL - UCL)	EPA-8021	08/04/06	08/08/06 00:54	CAW	GC-V4	1	BPH0331		
a,a,a-Trifluorotoluene (FID Surrogate)	99.5	%	70 - 130	(LCL - UCL)	Luft	08/04/06	08/08/06 00:54	CAW	GC-V4	1	BPH0331		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

BCL Sample ID: 0607877-03 | **Client Sample Name:** 01106, MW-3, MW-3, 8/2/2006 8:05:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Alkalinity as CaCO3	33	mg/L	2.5		EPA-310.1	08/11/06	08/11/06 17:00	MAR	BDB	1	BPH0849	1.9	
Nitrate as N	8.5	mg/L	0.10		EPA-300.0	08/03/06	08/04/06 03:45	LMB	IC2	1	BPH0240	ND	
Sulfate	8.5	mg/L	1.0		EPA-300.0	08/03/06	08/04/06 03:45	LMB	IC2	1	BPH0240	ND	
Iron (II) Species	ND	ug/L	100		SM-3500-Fe	08/03/06	08/03/06 14:00	MV1	SPEC05	1	BPH0353	ND	
Biochemical Oxygen Demand - Seeded	ND	mg O/L	1.5		SM17-5210I	08/03/06	08/03/06 14:35	HPR	YSI-57	1.53	BPH0563	1.1	
Chemical Oxygen Demand	31	mg O/L	25		EPA-410.4	08/07/06	08/07/06 14:00	MV1	SPEC05	1	BPH0464	2.3	

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21 Technology Drive
Irvine CA, 92618-2302

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Water Analysis (Metals)

BCL Sample ID: 0607877-03 | **Client Sample Name:** 01106, MW-3, MW-3, 8/2/2006 8:05:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Manganese	ND	ug/L	10		EPA-6010B	08/04/06	08/07/06 18:42	EMC	PE-OP1	1	BPH0311	1.2	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0607877-04 **Client Sample Name:** 01106, MW-4, MW-4, 8/2/2006 8:40:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433	0.22	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433		
4-Bromofluorobenzene (Surrogate)	94.6	%	86 - 115 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 07:16	SDU	MS-V6	1	BPH0433		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0607877-04 | **Client Sample Name:** 01106, MW-4, MW-4, 8/2/2006 8:40:00AM, Joe

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	0.30		EPA-8021	08/04/06	08/08/06 01:19	CAW	GC-V4	1	BPH0331	ND	
Toluene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 01:19	CAW	GC-V4	1	BPH0331	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 01:19	CAW	GC-V4	1	BPH0331	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/04/06	08/08/06 01:19	CAW	GC-V4	1	BPH0331	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/04/06	08/08/06 01:19	CAW	GC-V4	1	BPH0331	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	78.2	%	70 - 130	(LCL - UCL)	EPA-8021	08/04/06	08/08/06 01:19	CAW	GC-V4	1	BPH0331		
a,a,a-Trifluorotoluene (FID Surrogate)	96.8	%	70 - 130	(LCL - UCL)	Luft	08/04/06	08/08/06 01:19	CAW	GC-V4	1	BPH0331		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

BCL Sample ID: 0607877-04 | **Client Sample Name:** 01106, MW-4, MW-4, 8/2/2006 8:40:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Alkalinity as CaCO3	45	mg/L	2.5		EPA-310.1	08/11/06	08/11/06 17:00	MAR	BDB	1	BPH0849	1.9	
Nitrate as N	13	mg/L	0.10		EPA-300.0	08/03/06	08/04/06 04:04	LMB	IC2	1	BPH0240	ND	
Sulfate	5.8	mg/L	1.0		EPA-300.0	08/03/06	08/04/06 04:04	LMB	IC2	1	BPH0240	ND	
Iron (II) Species	ND	ug/L	100		SM-3500-Fe	08/03/06	08/03/06 14:00	MV1	SPEC05	1	BPH0353	ND	
Biochemical Oxygen Demand - Seeded	ND	mg O/L	1.5		SM17-5210I	08/04/06	08/04/06 08:40	HPR	YSI-57	1.53	BPH0672	1.1	
Chemical Oxygen Demand	45	mg O/L	25		EPA-410.4	08/07/06	08/07/06 14:00	MV1	SPEC05	1	BPH0464	2.3	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Water Analysis (Metals)

BCL Sample ID: 0607877-04 | **Client Sample Name:** 01106, MW-4, MW-4, 8/2/2006 8:40:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Manganese	ND	ug/L	10		EPA-6010B	08/04/06	08/07/06 18:45	EMC	PE-OP1	1	BPH0311	1.2	

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

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0607877-05 | **Client Sample Name:** 01106, MW-5, MW-5, 8/2/2006 7:30:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433	0.22	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433		
4-Bromofluorobenzene (Surrogate)	93.3	%	86 - 115 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 07:40	SDU	MS-V6	1	BPH0433		

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Irvine CA, 92618-2302

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0607877-05 | **Client Sample Name:** 01106, MW-5, MW-5, 8/2/2006 7:30:00AM, Joe

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	0.30		EPA-8021	08/04/06	08/08/06 01:45	CAW	GC-V4	1	BPH0331	ND	
Toluene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 01:45	CAW	GC-V4	1	BPH0331	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 01:45	CAW	GC-V4	1	BPH0331	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/04/06	08/08/06 01:45	CAW	GC-V4	1	BPH0331	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/04/06	08/08/06 01:45	CAW	GC-V4	1	BPH0331	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	80.1	%	70 - 130	(LCL - UCL)	EPA-8021	08/04/06	08/08/06 01:45	CAW	GC-V4	1	BPH0331		
a,a,a-Trifluorotoluene (FID Surrogate)	98.6	%	70 - 130	(LCL - UCL)	Luft	08/04/06	08/08/06 01:45	CAW	GC-V4	1	BPH0331		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

BCL Sample ID: 0607877-05 | **Client Sample Name:** 01106, MW-5, MW-5, 8/2/2006 7:30:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Alkalinity as CaCO3	35	mg/L	2.5		EPA-310.1	08/11/06	08/11/06 17:00	MAR	BDB	1	BPH0849	1.9	
Nitrate as N	4.7	mg/L	0.10		EPA-300.0	08/03/06	08/04/06 05:00	LMB	IC2	1	BPH0240	ND	
Sulfate	8.6	mg/L	1.0		EPA-300.0	08/03/06	08/04/06 05:00	LMB	IC2	1	BPH0240	ND	
Iron (II) Species	ND	ug/L	100		SM-3500-Fe	08/03/06	08/03/06 14:00	MV1	SPEC05	1	BPH0353	ND	
Biochemical Oxygen Demand - Seeded	ND	mg O/L	1.5		SM17-5210I	08/03/06	08/03/06 14:35	HPR	YSI-57	1.53	BPH0563	1.1	
Chemical Oxygen Demand	29	mg O/L	25		EPA-410.4	08/07/06	08/07/06 14:00	MV1	SPEC05	1	BPH0464	2.3	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 08/22/06 11:14

Water Analysis (Metals)

BCL Sample ID: 0607877-05 | **Client Sample Name:** 01106, MW-5, MW-5, 8/2/2006 7:30:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Manganese	ND	ug/L	10		EPA-6010B	08/04/06	08/07/06 18:49	EMC	PE-OP1	1	BPH0311	1.2	

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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0607877-06 | **Client Sample Name:** 01106, MW-6, MW-6, 8/2/2006 10:30:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433	ND	
Methyl t-butyl ether	2.8	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433	0.22	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433		
4-Bromofluorobenzene (Surrogate)	93.8	%	86 - 115 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 08:05	SDU	MS-V6	1	BPH0433		

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Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0607877-06 | **Client Sample Name:** 01106, MW-6, MW-6, 8/2/2006 10:30:00AM, Joe

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	0.30		EPA-8021	08/04/06	08/08/06 02:11	CAW	GC-V4	1	BPH0331	ND	
Toluene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 02:11	CAW	GC-V4	1	BPH0331	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 02:11	CAW	GC-V4	1	BPH0331	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/04/06	08/08/06 02:11	CAW	GC-V4	1	BPH0331	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/04/06	08/08/06 02:11	CAW	GC-V4	1	BPH0331	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	78.6	%	70 - 130	(LCL - UCL)	EPA-8021	08/04/06	08/08/06 02:11	CAW	GC-V4	1	BPH0331		
a,a,a-Trifluorotoluene (FID Surrogate)	95.5	%	70 - 130	(LCL - UCL)	Luft	08/04/06	08/08/06 02:11	CAW	GC-V4	1	BPH0331		

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

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

BCL Sample ID: 0607877-06 | **Client Sample Name:** 01106, MW-6, MW-6, 8/2/2006 10:30:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Alkalinity as CaCO3	63	mg/L	2.5		EPA-310.1	08/14/06	08/14/06 14:00	JSM	BDB	1	BPH0903	1.9	
Nitrate as N	0.88	mg/L	0.10		EPA-300.0	08/03/06	08/04/06 05:18	LMB	IC2	1	BPH0240	ND	
Sulfate	26	mg/L	1.0		EPA-300.0	08/03/06	08/04/06 05:18	LMB	IC2	1	BPH0240	ND	
Iron (II) Species	170	ug/L	100		SM-3500-Fe	08/03/06	08/03/06 14:00	MV1	SPEC05	1	BPH0353	ND	
Biochemical Oxygen Demand - Seeded	ND	mg O/L	1.5		SM17-5210I	08/04/06	08/04/06 09:00	HPR	YSI-57	1.53	BPH0672	1.1	
Chemical Oxygen Demand	ND	mg O/L	25		EPA-410.4	08/07/06	08/07/06 14:00	MV1	SPEC05	1	BPH0465	2.3	

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Water Analysis (Metals)

BCL Sample ID: 0607877-06 | **Client Sample Name:** 01106, MW-6, MW-6, 8/2/2006 10:30:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Manganese	ND	ug/L	10		EPA-6010B	08/04/06	08/07/06 18:53	EMC	PE-OP1	1	BPH0311	1.2	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0607877-07 | **Client Sample Name:** 01106, MW-7, MW-7, 8/2/2006 9:32:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433	0.22	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433		
4-Bromofluorobenzene (Surrogate)	88.3	%	86 - 115 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 08:30	SDU	MS-V6	1	BPH0433		

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

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0607877-07 | **Client Sample Name:** 01106, MW-7, MW-7, 8/2/2006 9:32:00AM, Joe

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	0.30		EPA-8021	08/04/06	08/08/06 02:37	CAW	GC-V4	1	BPH0331	ND	
Toluene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 02:37	CAW	GC-V4	1	BPH0331	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 02:37	CAW	GC-V4	1	BPH0331	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/04/06	08/08/06 02:37	CAW	GC-V4	1	BPH0331	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/04/06	08/08/06 02:37	CAW	GC-V4	1	BPH0331	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	74.4	%	70 - 130	(LCL - UCL)	EPA-8021	08/04/06	08/08/06 02:37	CAW	GC-V4	1	BPH0331		
a,a,a-Trifluorotoluene (FID Surrogate)	95.4	%	70 - 130	(LCL - UCL)	Luft	08/04/06	08/08/06 02:37	CAW	GC-V4	1	BPH0331		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

BCL Sample ID: 0607877-07 | **Client Sample Name:** 01106, MW-7, MW-7, 8/2/2006 9:32:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Alkalinity as CaCO3	56	mg/L	2.5		EPA-310.1	08/14/06	08/14/06 14:00	JSM	BDB	1	BPH0903	1.9	
Nitrate as N	0.13	mg/L	0.10		EPA-300.0	08/03/06	08/04/06 05:37	LMB	IC2	1	BPH0240	ND	
Sulfate	58	mg/L	1.0		EPA-300.0	08/03/06	08/04/06 05:37	LMB	IC2	1	BPH0240	ND	
Iron (II) Species	450	ug/L	100		SM-3500-Fe	08/03/06	08/03/06 14:00	MV1	SPEC05	1	BPH0353	ND	
Biochemical Oxygen Demand - Seeded	ND	mg O/L	1.5		SM17-5210I	08/04/06	08/04/06 09:00	HPR	YSI-57	1.53	BPH0672	1.1	
Chemical Oxygen Demand	31	mg O/L	25		EPA-410.4	08/07/06	08/07/06 14:00	MV1	SPEC05	1	BPH0465	2.3	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Water Analysis (Metals)

BCL Sample ID: 0607877-07 | **Client Sample Name:** 01106, MW-7, MW-7, 8/2/2006 9:32:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Manganese	100	ug/L	10		EPA-6010B	08/04/06	08/07/06 18:56	EMC	PE-OP1	1	BPH0311	1.2	

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TRC Alton Geoscience
21 Technology Drive
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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0607877-08 | **Client Sample Name:** 01106, MW-8, MW-8, 8/2/2006 12:15:00PM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433	ND	
Methyl t-butyl ether	7.5	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433	0.22	
t-Amyl Methyl ether	0.51	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433		
4-Bromofluorobenzene (Surrogate)	91.5	%	86 - 115 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 08:55	SDU	MS-V6	1	BPH0433		

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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0607877-08 | **Client Sample Name:** 01106, MW-8, MW-8, 8/2/2006 12:15:00PM, Joe

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	0.30		EPA-8021	08/04/06	08/08/06 09:05	CAW	GC-V4	1	BPH0331	ND	
Toluene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 09:05	CAW	GC-V4	1	BPH0331	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/04/06	08/08/06 09:05	CAW	GC-V4	1	BPH0331	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/04/06	08/08/06 09:05	CAW	GC-V4	1	BPH0331	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/04/06	08/08/06 09:05	CAW	GC-V4	1	BPH0331	ND	A53
a,a,a-Trifluorotoluene (PID Surrogate)	73.0	%	70 - 130	(LCL - UCL)	EPA-8021	08/04/06	08/08/06 09:05	CAW	GC-V4	1	BPH0331		
a,a,a-Trifluorotoluene (FID Surrogate)	89.2	%	70 - 130	(LCL - UCL)	Luft	08/04/06	08/08/06 09:05	CAW	GC-V4	1	BPH0331		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

BCL Sample ID: 0607877-08 | **Client Sample Name:** 01106, MW-8, MW-8, 8/2/2006 12:15:00PM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Alkalinity as CaCO3	68	mg/L	2.5		EPA-310.1	08/14/06	08/14/06 14:00	JSM	BDB	1	BPH0903	1.9	
Nitrate as N	0.68	mg/L	0.10		EPA-300.0	08/03/06	08/04/06 05:56	LMB	IC2	1	BPH0240	ND	
Sulfate	25	mg/L	1.0		EPA-300.0	08/03/06	08/04/06 05:56	LMB	IC2	1	BPH0240	ND	
Iron (II) Species	250	ug/L	100		SM-3500-Fe	08/03/06	08/03/06 14:00	MV1	SPEC05	1	BPH0353	ND	
Biochemical Oxygen Demand - Seeded	ND	mg O/L	1.5		SM17-5210I	08/04/06	08/04/06 09:00	HPR	YSI-57	1.53	BPH0672	1.1	
Chemical Oxygen Demand	67	mg O/L	25		EPA-410.4	08/07/06	08/07/06 14:00	MV1	SPEC05	1	BPH0465	2.3	

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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Water Analysis (Metals)

BCL Sample ID: 0607877-08 | **Client Sample Name:** 01106, MW-8, MW-8, 8/2/2006 12:15:00PM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Manganese	11	ug/L	10		EPA-6010B	08/04/06	08/07/06 19:11	EMC	PE-OP1	1	BPH0311	1.2	

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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0607877-09 | **Client Sample Name:** 01106, MW-9, MW-9, 8/2/2006 11:30:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433	ND	
Methyl t-butyl ether	0.56	ug/L	0.50		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433	0.22	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433	ND	
Ethanol	ND	ug/L	250		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433		
4-Bromofluorobenzene (Surrogate)	89.0	%	86 - 115 (LCL - UCL)		EPA-8260	08/04/06	08/05/06 09:20	SDU	MS-V6	1	BPH0433		

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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

BCL Sample ID: 0607877-09 | **Client Sample Name:** 01106, MW-9, MW-9, 8/2/2006 11:30:00AM, Joe

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	0.30		EPA-8021	08/07/06	08/08/06 09:31	CAW	GC-V4	1	BPH0567	ND	
Toluene	ND	ug/L	0.30		EPA-8021	08/07/06	08/08/06 09:31	CAW	GC-V4	1	BPH0567	ND	
Ethylbenzene	ND	ug/L	0.30		EPA-8021	08/07/06	08/08/06 09:31	CAW	GC-V4	1	BPH0567	ND	
Total Xylenes	ND	ug/L	0.60		EPA-8021	08/07/06	08/08/06 09:31	CAW	GC-V4	1	BPH0567	ND	
Gasoline Range Organics (C4 - C12)	ND	ug/L	50		Luft	08/07/06	08/08/06 09:31	CAW	GC-V4	1	BPH0567	ND	
a,a,a-Trifluorotoluene (PID Surrogate)	72.3	%	70 - 130	(LCL - UCL)	EPA-8021	08/07/06	08/08/06 09:31	CAW	GC-V4	1	BPH0567		
a,a,a-Trifluorotoluene (FID Surrogate)	92.8	%	70 - 130	(LCL - UCL)	Luft	08/07/06	08/08/06 09:31	CAW	GC-V4	1	BPH0567		

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21 Technology Drive
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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

BCL Sample ID: 0607877-09 | **Client Sample Name:** 01106, MW-9, MW-9, 8/2/2006 11:30:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Alkalinity as CaCO3	80	mg/L	2.5		EPA-310.1	08/14/06	08/14/06 14:00	JSM	BDB	1	BPH0903	1.9	
Nitrate as N	2.8	mg/L	0.10		EPA-300.0	08/03/06	08/04/06 06:14	LMB	IC2	1	BPH0240	ND	
Sulfate	27	mg/L	1.0		EPA-300.0	08/03/06	08/04/06 06:14	LMB	IC2	1	BPH0240	ND	
Iron (II) Species	310	ug/L	100		SM-3500-Fe	08/03/06	08/03/06 14:00	MV1	SPEC05	1	BPH0353	ND	
Biochemical Oxygen Demand - Seeded	ND	mg O/L	1.5		SM17-5210I	08/04/06	08/04/06 09:00	HPR	YSI-57	1.53	BPH0674	1.1	
Chemical Oxygen Demand	55	mg O/L	25		EPA-410.4	08/07/06	08/07/06 14:00	MV1	SPEC05	1	BPH0465	2.3	

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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Water Analysis (Metals)

BCL Sample ID: 0607877-09 | **Client Sample Name:** 01106, MW-9, MW-9, 8/2/2006 11:30:00AM, Joe

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Manganese	ND	ug/L	10		EPA-6010B	08/04/06	08/07/06 19:15	EMC	PE-OP1	1	BPH0311	1.2	

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21 Technology Drive
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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
1,2-Dichloroethane-d4 (Surrogate)	BPH0433	Matrix Spike	0607877-01	ND	9.6653	10.000	ug/L		96.7		76 - 114	
		Matrix Spike Duplicate	0607877-01	ND	10.292	10.000	ug/L		103		76 - 114	
Toluene-d8 (Surrogate)	BPH0433	Matrix Spike	0607877-01	ND	9.9292	10.000	ug/L		99.3		88 - 110	
		Matrix Spike Duplicate	0607877-01	ND	10.025	10.000	ug/L		100		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPH0433	Matrix Spike	0607877-01	ND	10.525	10.000	ug/L		105		86 - 115	
		Matrix Spike Duplicate	0607877-01	ND	10.696	10.000	ug/L		107		86 - 115	

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21 Technology Drive
Irvine CA, 92618-2302

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BPH0331	Matrix Spike	0606841-42	ND	34.170	40.000	ug/L		85.4		70 - 130	
		Matrix Spike Duplicate	0606841-42	ND	34.940	40.000	ug/L	2.31	87.4	20	70 - 130	
Toluene	BPH0331	Matrix Spike	0606841-42	ND	34.598	40.000	ug/L		86.5		70 - 130	
		Matrix Spike Duplicate	0606841-42	ND	35.352	40.000	ug/L	2.17	88.4	20	70 - 130	
Ethylbenzene	BPH0331	Matrix Spike	0606841-42	ND	36.164	40.000	ug/L		90.4		70 - 130	
		Matrix Spike Duplicate	0606841-42	ND	37.127	40.000	ug/L	2.62	92.8	20	70 - 130	
Total Xylenes	BPH0331	Matrix Spike	0606841-42	ND	108.63	120.00	ug/L		90.5		70 - 130	
		Matrix Spike Duplicate	0606841-42	ND	110.88	120.00	ug/L	2.08	92.4	20	70 - 130	
Gasoline Range Organics (C4 - C12)	BPH0331	Matrix Spike	0606841-42	ND	893.08	1000.0	ug/L		89.3		70 - 130	
		Matrix Spike Duplicate	0606841-42	ND	891.26	1000.0	ug/L	0.224	89.1	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	BPH0331	Matrix Spike	0606841-42	ND	36.333	40.000	ug/L		90.8		70 - 130	
		Matrix Spike Duplicate	0606841-42	ND	37.257	40.000	ug/L		93.1		70 - 130	
a,a,a-Trifluorotoluene (FID Surrogate)	BPH0331	Matrix Spike	0606841-42	ND	39.433	40.000	ug/L		98.6		70 - 130	
		Matrix Spike Duplicate	0606841-42	ND	39.880	40.000	ug/L		99.7		70 - 130	
Benzene	BPH0567	Matrix Spike	0606841-44	ND	34.686	40.000	ug/L		86.7		70 - 130	
		Matrix Spike Duplicate	0606841-44	ND	35.829	40.000	ug/L	3.29	89.6	20	70 - 130	
Toluene	BPH0567	Matrix Spike	0606841-44	ND	36.035	40.000	ug/L		90.1		70 - 130	
		Matrix Spike Duplicate	0606841-44	ND	36.542	40.000	ug/L	1.43	91.4	20	70 - 130	
Ethylbenzene	BPH0567	Matrix Spike	0606841-44	ND	38.014	40.000	ug/L		95.0		70 - 130	
		Matrix Spike Duplicate	0606841-44	ND	38.592	40.000	ug/L	1.57	96.5	20	70 - 130	
Total Xylenes	BPH0567	Matrix Spike	0606841-44	ND	110.13	120.00	ug/L		91.8		70 - 130	
		Matrix Spike Duplicate	0606841-44	ND	111.61	120.00	ug/L	1.30	93.0	20	70 - 130	
Gasoline Range Organics (C4 - C12)	BPH0567	Matrix Spike	0606841-44	ND	858.17	1000.0	ug/L		85.8		70 - 130	
		Matrix Spike Duplicate	0606841-44	ND	904.28	1000.0	ug/L	5.22	90.4	20	70 - 130	
a,a,a-Trifluorotoluene (PID Surrogate)	BPH0567	Matrix Spike	0606841-44	ND	31.655	40.000	ug/L		79.1		70 - 130	
		Matrix Spike Duplicate	0606841-44	ND	33.782	40.000	ug/L		84.5		70 - 130	

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

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
a,a,a-Trifluorotoluene (FID Surrogate)	BPH0567	Matrix Spike	0606841-44	ND	36.233	40.000	ug/L		90.6		70 - 130	
		Matrix Spike Duplicate	0606841-44	ND	38.057	40.000	ug/L		95.1		70 - 130	

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21 Technology Drive
Irvine CA, 92618-2302

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Nitrate as N	BPH0240	Duplicate	0607877-02	2.3280	2.3210		mg/L	0.301		10		
		Matrix Spike	0607877-02	2.3280	7.4677	5.0505	mg/L		102		80 - 120	
		Matrix Spike Duplicate	0607877-02	2.3280	7.4697	5.0505	mg/L	0.00	102	10	80 - 120	
Sulfate	BPH0240	Duplicate	0607877-02	15.161	15.133		mg/L	0.185		10		
		Matrix Spike	0607877-02	15.161	119.85	101.01	mg/L		104		80 - 120	
		Matrix Spike Duplicate	0607877-02	15.161	119.71	101.01	mg/L	0.00	104	10	80 - 120	
Iron (II) Species	BPH0353	Duplicate	0607877-01	219.63	210.68		ug/L	4.16		10		
Chemical Oxygen Demand	BPH0464	Duplicate	0607851-01	157.73	162.51		mg O/L	2.99		20		
		Matrix Spike	0607851-01	157.73	968.25	750.00	mg O/L		108		80 - 120	
		Matrix Spike Duplicate	0607851-01	157.73	970.64	750.00	mg O/L	0.00	108	20	80 - 120	
Chemical Oxygen Demand	BPH0465	Duplicate	0607877-06	23.839	26.230		mg O/L	9.55		20		
		Matrix Spike	0607877-06	23.839	779.36	750.00	mg O/L		101		80 - 120	
		Matrix Spike Duplicate	0607877-06	23.839	784.15	750.00	mg O/L	0.00	101	20	80 - 120	
Biochemical Oxygen Demand - Seeded	BPH0563	Duplicate	0607809-01	24.278	24.400		mg O/L	0.501		20		
Biochemical Oxygen Demand - Seeded	BPH0672	Duplicate	0607276-27RE1	153.72	142.33		mg O/L	7.69		20		
Biochemical Oxygen Demand - Seeded	BPH0674	Duplicate	0607884-01	2678.9	2541.7		mg O/L	5.26		20		
Total Alkalinity as CaCO3	BPH0849	Duplicate	0607833-01	165.44	164.48		mg/L	0.582		10		
		Matrix Spike	0607833-01	165.44	289.98	125.00	mg/L		99.6		80 - 120	
		Matrix Spike Duplicate	0607833-01	165.44	291.88	125.00	mg/L	1.40	101	10	80 - 120	
Total Alkalinity as CaCO3	BPH0903	Duplicate	0607904-04	587.56	581.88		mg/L	0.971		10		
		Matrix Spike	0607904-04	587.56	834.76	250.00	mg/L		98.9		80 - 120	
		Matrix Spike Duplicate	0607904-04	587.56	836.68	250.00	mg/L	0.705	99.6	10	80 - 120	

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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Water Analysis (Metals)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Manganese	BPH0311	Duplicate	0607878-01	678.90	679.31		ug/L	0.0604		20		
		Matrix Spike	0607878-01	678.90	878.40	204.08	ug/L		97.8		75 - 125	
		Matrix Spike Duplicate	0607878-01	678.90	885.70	204.08	ug/L	3.22	101	20	75 - 125	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

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
1,2-Dichloroethane-d4 (Surrogate)	BPH0433	BPH0433-BS1	LCS	9.7982	10.000		ug/L	98.0		76 - 114		
Toluene-d8 (Surrogate)	BPH0433	BPH0433-BS1	LCS	10.120	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPH0433	BPH0433-BS1	LCS	10.475	10.000		ug/L	105		86 - 115		

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21 Technology Drive
Irvine CA, 92618-2302

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Purgeable Aromatics and 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
Benzene	BPH0331	BPH0331-BS1	LCS	37.701	40.000	0.30	ug/L	94.3		85 - 115		
Toluene	BPH0331	BPH0331-BS1	LCS	38.590	40.000	0.30	ug/L	96.5		85 - 115		
Ethylbenzene	BPH0331	BPH0331-BS1	LCS	40.422	40.000	0.30	ug/L	101		85 - 115		
Total Xylenes	BPH0331	BPH0331-BS1	LCS	118.29	120.00	0.60	ug/L	98.6		85 - 115		
Gasoline Range Organics (C4 - C12)	BPH0331	BPH0331-BS1	LCS	927.41	1000.0	50	ug/L	92.7		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BPH0331	BPH0331-BS1	LCS	39.924	40.000		ug/L	99.8		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BPH0331	BPH0331-BS1	LCS	40.164	40.000		ug/L	100		70 - 130		
Benzene	BPH0567	BPH0567-BS1	LCS	36.282	40.000	0.30	ug/L	90.7		85 - 115		
Toluene	BPH0567	BPH0567-BS1	LCS	37.234	40.000	0.30	ug/L	93.1		85 - 115		
Ethylbenzene	BPH0567	BPH0567-BS1	LCS	39.459	40.000	0.30	ug/L	98.6		85 - 115		
Total Xylenes	BPH0567	BPH0567-BS1	LCS	117.67	120.00	0.60	ug/L	98.1		85 - 115		
Gasoline Range Organics (C4 - C12)	BPH0567	BPH0567-BS1	LCS	868.01	1000.0	50	ug/L	86.8		85 - 115		
a,a,a-Trifluorotoluene (PID Surrogate)	BPH0567	BPH0567-BS1	LCS	34.032	40.000		ug/L	85.1		70 - 130		
a,a,a-Trifluorotoluene (FID Surrogate)	BPH0567	BPH0567-BS1	LCS	35.773	40.000		ug/L	89.4		70 - 130		

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Irvine CA, 92618-2302

Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

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
Nitrate as N	BPH0240	BPH0240-BS1	LCS	5.0520	5.0000	0.50	mg/L	101		90 - 110		
Sulfate	BPH0240	BPH0240-BS1	LCS	102.58	100.00	1.0	mg/L	103		90 - 110		
Iron (II) Species	BPH0353	BPH0353-BS1	LCS	2062.6	2000.0	100	ug/L	103		90 - 110		
Chemical Oxygen Demand	BPH0464	BPH0464-BS1	LCS	784.15	750.00	25	mg O/L	105		85 - 115		
Chemical Oxygen Demand	BPH0465	BPH0465-BS1	LCS	784.15	750.00	25	mg O/L	105		85 - 115		
Biochemical Oxygen Demand - Seeded	BPH0563	BPH0563-BS1	LCS	177.41	198.00	51	mg O/L	89.6		85 - 115		
Biochemical Oxygen Demand - Seeded	BPH0672	BPH0672-BS1	LCS	186.56	198.00	51	mg O/L	94.2		85 - 115		
Biochemical Oxygen Demand - Seeded	BPH0674	BPH0674-BS1	LCS	186.56	198.00	51	mg O/L	94.2		85 - 115		
Total Alkalinity as CaCO3	BPH0849	BPH0849-BS1	LCS	104.11	100.00	2.5	mg/L	104		90 - 110		
Total Alkalinity as CaCO3	BPH0903	BPH0903-BS1	LCS	102.68	100.00	2.5	mg/L	103		90 - 110		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 08/22/06 11:14

Water Analysis (Metals)

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
Manganese	BPH0311	BPH0311-BS1	LCS	204.79	200.00	10	ug/L	102		85 - 115		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

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
1,2-Dibromoethane	BPH0433	BPH0433-BLK1	ND	ug/L	0.50	0.24	
1,2-Dichloroethane	BPH0433	BPH0433-BLK1	ND	ug/L	0.50	0.15	
Methyl t-butyl ether	BPH0433	BPH0433-BLK1	0.22310	ug/L	0.50	0.13	
t-Amyl Methyl ether	BPH0433	BPH0433-BLK1	ND	ug/L	0.50	0.49	
t-Butyl alcohol	BPH0433	BPH0433-BLK1	ND	ug/L	10	9.3	
Diisopropyl ether	BPH0433	BPH0433-BLK1	ND	ug/L	0.50	0.25	
Ethanol	BPH0433	BPH0433-BLK1	ND	ug/L	250	110	
Ethyl t-butyl ether	BPH0433	BPH0433-BLK1	ND	ug/L	0.50	0.25	
1,2-Dichloroethane-d4 (Surrogate)	BPH0433	BPH0433-BLK1	103	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPH0433	BPH0433-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPH0433	BPH0433-BLK1	103	%	86 - 115 (LCL - UCL)		

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Purgeable Aromatics and Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BPH0331	BPH0331-BLK1	ND	ug/L	0.30	0.033	
Toluene	BPH0331	BPH0331-BLK1	ND	ug/L	0.30	0.093	
Ethylbenzene	BPH0331	BPH0331-BLK1	ND	ug/L	0.30	0.035	
Total Xylenes	BPH0331	BPH0331-BLK1	ND	ug/L	0.60	0.098	
Gasoline Range Organics (C4 - C12)	BPH0331	BPH0331-BLK1	ND	ug/L	50	6.5	
a,a,a-Trifluorotoluene (PID Surrogate)	BPH0331	BPH0331-BLK1	71.8	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BPH0331	BPH0331-BLK1	94.1	%	70 - 130 (LCL - UCL)		
Benzene	BPH0567	BPH0567-BLK1	ND	ug/L	0.30	0.033	
Toluene	BPH0567	BPH0567-BLK1	ND	ug/L	0.30	0.093	
Ethylbenzene	BPH0567	BPH0567-BLK1	ND	ug/L	0.30	0.035	
Total Xylenes	BPH0567	BPH0567-BLK1	ND	ug/L	0.60	0.098	
Gasoline Range Organics (C4 - C12)	BPH0567	BPH0567-BLK1	ND	ug/L	50	6.5	
a,a,a-Trifluorotoluene (PID Surrogate)	BPH0567	BPH0567-BLK1	74.0	%	70 - 130 (LCL - UCL)		
a,a,a-Trifluorotoluene (FID Surrogate)	BPH0567	BPH0567-BLK1	93.9	%	70 - 130 (LCL - UCL)		

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Project: 01106
Project Number: [none]
Project Manager: Anju Farfan

Reported: 08/22/06 11:14

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Nitrate as N	BPH0240	BPH0240-BLK1	ND	mg/L	0.50	0.018	
Sulfate	BPH0240	BPH0240-BLK1	ND	mg/L	1.0	0.11	
Iron (II) Species	BPH0353	BPH0353-BLK1	ND	ug/L	100	100	
Chemical Oxygen Demand	BPH0464	BPH0464-BLK1	ND	mg O/L	25	3.5	
Chemical Oxygen Demand	BPH0465	BPH0465-BLK1	ND	mg O/L	25	3.5	
Biochemical Oxygen Demand - Seeded	BPH0563	BPH0563-BLK1	ND	mg O/L	1.0	1.0	
Biochemical Oxygen Demand - Seeded	BPH0672	BPH0672-BLK1	ND	mg O/L	1.0	1.0	
Biochemical Oxygen Demand - Seeded	BPH0674	BPH0674-BLK1	ND	mg O/L	1.0	1.0	
Total Alkalinity as CaCO3	BPH0849	BPH0849-BLK1	ND	mg/L	2.5	2.5	
Total Alkalinity as CaCO3	BPH0903	BPH0903-BLK1	ND	mg/L	2.5	2.5	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	Reported: 08/22/06 11:14

Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Manganese	BPH0311	BPH0311-BLK1	ND	ug/L	10	5.3	

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TRC Alton Geoscience 21 Technology Drive Irvine CA, 92618-2302	Project: 01106 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 08/22/06 11:14

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.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CASE NARRATIVE

COC 36782
Requestor: S300

Date: 08/22/06

Laboratory Number 06-07739
Field Log Book # AA11051

Table of Qualified Data

BC Laboratory Number	LLNL Sample Identification	Sampling Date	Analyses	Flags
06-07739-01	W-834-1709	08/01/06 @ 11:22	E300.0: PERC	
06-07739-02	W-834-1711	08/01/06 @ 11:36	DWMETALS	

I. Sample Receipt
Samples received refrigerated to 5.3 °C.

II. Holding Times
All holding time requirements met.

III. Method Blanks
Silver was detected in the Method Blank at a level between the PQL and the MDL.

IV. Calibration
Initial calibration criteria for respective analyses were met. Frequency criteria for initial and continuing calibrations were met. Accuracy criteria for initial and continuing calibrations were met.

V. Matrix Spikes
Precision and Accuracy requirements were within QC limits.

VI. LCS
The LCS recoveries are within QC limits.

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CASE NARRATIVE CONTINUED

VII. Discussion

All volatile samples have a neutral pH unless otherwise noted. No other significant issues to be discussed.

Sincerely,

Julie Gause
Project Manager

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BC Laboratories, Inc

TRC
21 Technology Drive
Irvine, CA 92618
Attn: Anju Farfan
RE: 01106

BC Lab #	Client ID	Date Sampled	Time Sampled
06-07877-01	MW-1	08-02-06	04:50
06-07877-02	MW-2	08-02-06	13:30
06-07877-03	MW-3	08-02-06	08:05
06-07877-04	MW-4	08-02-06	08:40
06-07877-05	MW-5	08-02-06	07:30
06-07877-06	MW-6	08-02-06	10:30
06-07877-07	MW-7	08-02-06	09:32
06-07877-08	MW-8	08-02-06	12:15
06-07877-09	MW-9	08-02-06	11:30

Attached are the results analyzed by Zalco Laboratories.

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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ZALCO LABORATORIES, INC.
Analytical & Consulting Services

4309 Armour Avenue
Bakersfield, California 93308

(661) 395-0539
FAX (661) 395-3069

Tuesday, August 22, 2006

Vanessa Hooker
BC Laboratories Inc
4100 Atlas Court
Bakersfield, CA 93308

TEL: (661) 852-4201
FAX (661) 327-1918

RE: 0607877

Order No.: 0608095

Dear Vanessa Hooker:

Zalco Laboratories, Inc. received 9 sample(s) on 8/4/2006 for the analyses presented in the following report.

We appreciate your business and look forward to serving you in the future. Please feel free to call our office if you have any questions regarding these test results.

Sincerely,

Zalco Laboratories, Inc.
(661) 395-0539

This report is furnished for the exclusive use of our Customer and applies only to the samples tested. Zalco is not responsible for report alteration or detachment.

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	8/22/2006
Lab Order:	0608095	**DateReceived:**	8/4/2006 11:40:00 AM
Project:	0607877	**Lab ID:**	0608095-001A
Client Sample ID:	060787701	**Collection Date:**	8/2/2006 4:50:00 AM
Report Comment:	Temperature 10.9	**Matrix:**	WASTE

Analyses	Method	Result	Units	DLR	Date Analyzed	Qual.
CARBON DIOXIDE						
Carbon Dioxide	SM4500-CO2	25	mg/L	0.20	8/8/2006	H

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	8/22/2006
Lab Order:	0608095	**DateReceived:**	8/4/2006 11:40:00 AM
Project:	0607877	**Lab ID:**	0608095-002A
Client Sample ID:	0607877-02	**Collection Date:**	8/2/2006 1:30:00 PM
Report Comment:	Temperature 10.9	**Matrix:**	WASTE

Analyses	Method	Result	Units	DLR	Date Analyzed	Qual.
CARBON DIOXIDE						
Carbon Dioxide	SM4500-CO2	10	mg/L	0.10	8/8/2006	H

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	8/22/2006
Lab Order:	0608095	**DateReceived:**	8/4/2006 11:40:00 AM
Project:	0607877	**Lab ID:**	0608095-003A
Client Sample ID:	0607877-03	**Collection Date:**	8/2/2006 8:05:00 AM
Report Comment:	Temperature 10.9	**Matrix:**	WASTE

Analyses	Method	Result	Units	DLR	Date Analyzed	Qual.
CARBON DIOXIDE						
Carbon Dioxide	SM4500-CO2	26	mg/L	0.20	8/8/2006	H

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	8/22/2006
Lab Order:	0608095	**DateReceived:**	8/4/2006 11:40:00 AM
Project:	0607877	**Lab ID:**	0608095-004A
Client Sample ID:	0607877-004	**Collection Date:**	8/2/2006 8:40:00 AM
Report Comment:	Temperature 10.9	**Matrix:**	WASTE

Analyses	Method	Result	Units	DLR	Date Analyzed	Qual.
CARBON DIOXIDE						
Carbon Dioxide	SM4500-CO2	36	mg/L	0.20	8/8/2006	H

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	8/22/2006
Lab Order:	0608095	**DateReceived:**	8/4/2006 11:40:00 AM
Project:	0607877	**Lab ID:**	0608095-005A
Client Sample ID:	0607877-05	**Collection Date:**	8/2/2006 7:30:00 AM
Report Comment:	Temperature 10.9	**Matrix:**	WASTE

Analyses	Method	Result	Units	DLR	Date Analyzed	Qual.
CARBON DIOXIDE						
Carbon Dioxide	SM4500-CO2	34	mg/L	0.20	8/8/2006	H

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	8/22/2006
Lab Order:	0608095	**DateReceived:**	8/4/2006 11:40:00 AM
Project:	0607877	**Lab ID:**	0608095-006A
Client Sample ID:	0607877-06	**Collection Date:**	8/2/2006 10:30:00 AM
Report Comment:	Temperature 10.9	**Matrix:**	WASTE

Analyses	Method	Result	Units	DLR	Date Analyzed	Qual.
CARBON DIOXIDE						
Carbon Dioxide	SM4500-CO2	56	mg/L	0.20	8/8/2006	H

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	8/22/2006
Lab Order:	0608095	**DateReceived:**	8/4/2006 11:40:00 AM
Project:	0607877	**Lab ID:**	0608095-007A
Client Sample ID:	0607877-07	**Collection Date:**	8/2/2006 9:32:00 AM
Report Comment:	Temperature 10.9	**Matrix:**	WASTE

Analyses	Method	Result	Units	DLR	Date Analyzed	Qual.
CARBON DIOXIDE						
Carbon Dioxide	SM4500-CO2	54	mg/L	0.20	8/8/2006	H

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	8/22/2006
Lab Order:	0608095	**DateReceived:**	8/4/2006 11:40:00 AM
Project:	0607877	**Lab ID:**	0608095-008A
Client Sample ID:	0607877-08	**Collection Date:**	8/2/2006 12:15:00 PM
Report Comment:	Temperature 10.9	**Matrix:**	WASTE

Analyses	Method	Result	Units	DLR	Date Analyzed	Qual.
CARBON DIOXIDE						
Carbon Dioxide	SM4500-CO2	48	mg/L	0.40	8/8/2006	H

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

ZALCO LABORATORIES, INC.
Analytical and Consulting Services
4309 Armour Avenue
Bakersfield, California 93308
(661) 395-0539
FAX (661) 395-3069

CLIENT:	BC Laboratories Inc	**Report Date:**	8/22/2006
Lab Order:	0608095	**DateReceived:**	8/4/2006 11:40:00 AM
Project:	0607877	**Lab ID:**	0608095-009A
Client Sample ID:	0607877-09	**Collection Date:**	8/2/2006 11:30:00 AM
Report Comment:	Temperature 10.9	**Matrix:**	WASTE

Analyses	Method	Result	Units	DLR	Date Analyzed	Qual.
CARBON DIOXIDE						
Carbon Dioxide	SM4500-CO2	60	mg/L	0.20	8/8/2006	H

Qualifiers / Abbreviations:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
H - Hold Time Exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
DLR: Detection Limit for Reporting
NSS - Non-Sufficient Sample Amount

SUBCONTRACT ORDER

BC Laboratories

0607877

08.08.06
0608095

SENDING LABORATORY:

BC Laboratories
4100 Atlas Ct
Bakersfield, CA 93308
Phone: 661-327-4911
Fax: 661-327-1918
Project Manager: Vanessa Hooker

RECEIVING LABORATORY:

Zalco Laboratories $ZLCLB
4309 Armour
Bakersfield, CA 93308
Phone :395-0539
Fax: 395-3069

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 0607877-01 ✓	**Water**	**Sampled:08/02/06 04:50**		
oiSM4500-CO2w CO2 ZLCLB	08/17/06 17:00	08/03/06 04:50		sample MW-1
Containers Supplied: PintPE H 500 PH				
Sample ID: 0607877-02 ✓	**Water**	**Sampled:08/02/06 13:30**		
oiSM4500-CO2w CO2 ZLCLB	08/17/06 17:00	08/03/06 13:30		sample ID MW-2
Containers Supplied: C				
Sample ID: 0607877-03 ✓	**Water**	**Sampled:08/02/06 08:05**		
oiSM4500-CO2w CO2 ZLCLB	08/17/06 17:00	08/03/06 08:05		sample ID MW-3
Containers Supplied: H				
Sample ID: 0607877-04 ✓	**Water**	**Sampled:08/02/06 08:40**		
oiSM4500-CO2w CO2 ZLCLB	08/17/06 17:00	08/03/06 08:40		sample ID MW-4
Containers Supplied: H				
Sample ID: 0607877-05 ✓	**Water**	**Sampled:08/02/06 07:30**		
oiSM4500-CO2w CO2 ZLCLB	08/17/06 17:00	08/03/06 07:30		sample ID MW-5
Containers Supplied: H				
Sample ID: 0607877-06 ✓	**Water**	**Sampled:08/02/06 10:30**		
oiSM4500-CO2w CO2 ZLCLB	08/17/06 17:00	08/03/06 10:30		sample ID MW-6
Containers Supplied: H				Temp 10.9

Released By	Date	Received By	Date
[illegible]	8/4/06	[illegible]	8/4/06 1125
[illegible]	8/4/06 1140	Rose Ennis	8/4 11:40

Temp

SUBCONTRACT ORDER

BC Laboratories

0607877

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 0607877-07	**Water**	**Sampled:08/02/06 09:32**		
oiSM4500-CO2w CO2 ZLCLB	08/17/06 17:00	08/03/06 09:32		sample ID MW-7
Containers Supplied: H				
Sample ID: 0607877-08	**Water**	**Sampled:08/02/06 12:15**		
oiSM4500-CO2w CO2 ZLCLB	08/17/06 17:00	08/03/06 12:15		sample ID MW-8
Containers Supplied: H				
Sample ID: 0607877-09	**Water**	**Sampled:08/02/06 11:30**		
oiSM4500-CO2w CO2 ZLCLB	08/17/06 17:00	08/03/06 11:30		sample ID MW-9
Containers Supplied: H				

Released By	Date	Received By	Date
[signature]	8/4/06	[signature]	8/4/06 P 1135
[signature]	8/4/06 P 1140	Rose Ennis	8/4 11:40

BC Laboratories, Inc

TRC
21 Technology Drive
Irvine, CA 92618
Attn: Anju Farfan
RE: 01106

BC Lab #	Client ID	Date Sampled	Time Sampled
06-07877-01	MW-1	08-02-06	04:50
06-07877-02	MW-2	08-02-06	13:30
06-07877-03	MW-3	08-02-06	08:05
06-07877-04	MW-4	08-02-06	08:40
06-07877-05	MW-5	08-02-06	07:30
06-07877-06	MW-6	08-02-06	10:30
06-07877-07	MW-7	08-02-06	09:32
06-07877-08	MW-8	08-02-06	12:15
06-07877-09	MW-9	08-02-06	11:30

Attached are the results analyzed by Inland Empire Analytical.

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Inland Empire Analytical

2051 Pacific Avenue, Norco, CA 92860
Ph (951) 371-5048 gpouellette@earthlink.net

8/11/2006

Vanessa Hooker
BC Laboratories
4100 Atlas Court
Bakersfield, CA 93308

Client Project:	06-07877
Samples Collected	8-2-2006
Samples Analyzed	8-11-2006
Inland Empire Analytical#	WO 849

Vanessa,

Enclosed as table 1 are the results of the methane in ground water analyses for nine samples received from project 06-07877 sampled on August 2, 2006.

The samples were received on August 8, 2006 on ice and in good condition. The samples were kept at 4C until analyzed for dissolved methane by EPA RSK SOP-175 on August 11, 2006. Holding time for this test is 14 days.

This completes all requests for analyses associated with this set of samples.

Reviewed and approved
Gregory P. Ouellette

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.

Inland Empire Analytical

Client: BC Laboratories
Client Project #: 06-07877
Sample date: August 2, 2006
Analysis Date: August 11, 2006

Dissolved Methane by RSKSOP-175M

BC Lab #	IEA #	Well #	Methane mg/L
06-07877-01	849-1	MW-1	<0.001
06-07877-02	849-2	MW-2	<0.001
06-07877-03	849-3	MW-3	<0.001
06-07877-04	849-4	MW-4	<0.001
06-07877-05	849-5	MW-5	<0.001
06-07877-06	849-6	MW-6	<0.001
06-07877-07	849-7	MW-7	<0.001
06-07877-08	849-8	MW-8	<0.001
06-07877-09	849-9	MW-9	<0.001

GC QA/QC Data

	Methane ppm
Mix M1K----Actual	1005
Mix M1K----Observed	967
Percent of actual	96.2

Method QA/QC Data

CH4 spike in Distilled H2O	Methane mg/L
Actual	0.057
Observed	0.058
Percent of actual	101.8
Actual	0.057
Observed	0.057
Percent of actual	100.0
Actual	2.790
Observed	2.655
Percent of actual	95.2
Actual	2.790
Observed	2.536
Percent of actual	90.9

Table 1

SUBCONTRACT ORDER

BC Laboratories

0607877

SENDING LABORATORY:

BC Laboratories
4100 Atlas Ct
Bakersfield, CA 93308
Phone: 661-327-4911
Fax: 661-327-1918
Project Manager: Vanessa Hooker

RECEIVING LABORATORY:

Inland Empire Labs $INLNM
2051 Pacific Ave.
Norco, CA 92860
Phone :(951) 371-5048
Fax: (951) 371-7902

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 0607877-01	**Water**	**Sampled:08/02/06 04:50**		
ogRSK175w Diss Methane	INL08/17/06 17:00	08/16/06 04:50		sample MW-1
Containers Supplied: 4oz. Amber G				
Sample ID: 0607877-02	**Water**	**Sampled:08/02/06 13:30**		
ogRSK175w Diss Methane	INL08/17/06 17:00	08/16/06 13:30		sample ID MW-2
Containers Supplied: G				
Sample ID: 0607877-03	**Water**	**Sampled:08/02/06 08:05**		
ogRSK175w Diss Methane	INL08/17/06 17:00	08/16/06 08:05		sample ID MW-3
Containers Supplied: G				
Sample ID: 0607877-04	**Water**	**Sampled:08/02/06 08:40**		
ogRSK175w Diss Methane	INL08/17/06 17:00	08/16/06 08:40		sample ID MW-4
Containers Supplied: G				
Sample ID: 0607877-05	**Water**	**Sampled:08/02/06 07:30**		
ogRSK175w Diss Methane	INL08/17/06 17:00	08/16/06 07:30		sample ID MW-5
Containers Supplied:				
Sample ID: 0607877-06	**Water**	**Sampled:08/02/06 10:30**		
ogRSK175w Diss Methane	INL08/17/06 17:00	08/16/06 10:30		sample ID MW-6
Containers Supplied: G				

Released By	Date	Received By	Date
Heather Spann	8/7/06	Greg Aulbach	8-8-06 08:50

SUBCONTRACT ORDER

BC Laboratories

0607877

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 0607877-07	**Water**	**Sampled:08/02/06 09:32**		
ogRSK175w Diss Methane INL	08/17/06 17:00	08/16/06 09:32		sample ID MW-7
Containers Supplied:	G			
Sample ID: 0607877-08	**Water**	**Sampled:08/02/06 12:15**		
ogRSK175w Diss Methane INL	08/17/06 17:00	08/16/06 12:15		sample ID MW-8
Containers Supplied:	G			
Sample ID: 0607877-09	**Water**	**Sampled:08/02/06 11:30**		
ogRSK175w Diss Methane INL	08/17/06 17:00	08/16/06 11:30		sample ID MW-9
Containers Supplied:	G			

Heather Spann 8/7/06 — Released By — Date

Greg Quillitt 8-8-06 08:50 — Received By — Date

Released By — Date — Received By — Date

BC LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No. 10 01/21/04 | Page 1 Of 2

Submission # 06-07877 | 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 _____ Temperature: 3.3 °C Thermometer ID: 48 | Emissivity .95 Container Clear glass | Date/Time 8/3/06 10:30 Analyst Init HF

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2 SLC3 8/3	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL	B,C,H		B,C,H	B,C,H	B,C,H					
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS unpres	H									
PT INORGANIC CHEMICAL METALS	D	D	D	D	D					
PT CYANIDE										
PT NITROGEN FORMS - Phosphate	E	E	E	E	E					
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	A 6	A 6	A 6	A 6	A 6					
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON	F	F	F	F	F					
ENCORE										
4oz Methane	G	G	G	G	G					

Comments: -1-C, -4-C and 1 VOA for -2-A was received broken!

Sample Numbering Completed By: SLC3 Date/Time: 8/3/06 11:10

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page 2 Of 2

Submission #: Q0-07877 | 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
Temperature: 4.8 °C
Thermometer ID: 48
Emissivity .98
Container QtPE
Date/Time 8/3/06 10:35
Analyst Init.

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL		B,C				B,C,H	B,C,H	B,C,H	B,C,H	
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS						D	D	D	D	
PT CYANIDE										
PT NITROGEN FORMS - Phosphate						E	E	E	E	
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						A 6	A 6	A 6	A 6	
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON						F	F	F	F	
ENCORE										
4oz Methane						G	G	G	G	

Comments: 1 QtPe missing for -2 and -8-C was received broken!

Sample Numbering Completed By: SLC3 Date/Time: 8/3/06 11:10

CHK BY DPM | DISTRIBUTION MAMVISC3JKR | SUB-OUT ☑

SHORT HOLDING TIME
Cr^{+6} NO_2 NO_3 OP SS
DO BOD MBAS C O T

BC LABORATORIES, INC.
4100 Atlas Court ▫ Bakersfield, CA 93308
(661) 327-4911 ▫ FAX (661) 327-1918

CHAIN OF CUSTODY

06-07877

Analysis Requested

Circle one: Phillips 66 / Unocal	Consultant Firm: TRC		
Address: 1693 Central Ave.	21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan		
City: McKinleyville	4-digit site#: 01106		
	Workorder # 2021TRC501		
State: CA Zip:	Project #: 41060001/FARO		
Phillips 66 /Unocal Mgr: Thomas Kosel	Sampler Name:		

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	~~BTEX/MTBE by 8021B, Gas by 8015~~	~~TPH GAS by 8015M~~	~~TPH DIESEL by 8015~~ Ferrous Iron	~~8260 full list w/ MTBE & oxygenates~~ Methane	~~BTEX/MTBE/EDB/EDC/OXYS BY 8260B~~ CO2	~~ETHANOL by 8260B~~ Ethanol BY 8260B	~~TPH C by GC/MS~~ COD	~~TPH C by GC/MS~~ BOD	Nitrate	Sulfate	Alkalinity	Manganese	Turnaround Time Requested
	-1	MW-1	08-02-06 0450	GW	X	X	X	X	X	X	X	X	X	X	X		STD
	-2	MW-2	1330		X	X	X	X	X	X	X	X	X	X	X		
	-3	MW-3	0805 ~~0800~~		X	X	X	X	X	X	X	X	X	X	X		
	-4	MW-4	0840		X	X	X	X	X	X	X	X	X	X	X		
	-5	MW-5	0730		X	X	X	X	X	X	X	X	X	X	X		
	-6	MW-6	1030		X	X	X	X	X	X	X	X	X	X	X		
	-7	MW-7	0932		X	X	X	X	X	X	X	X	X	X	X		
	-8	MW-8	1215		X	X	X	X	X	X	X	X	X	X	X		

Comments:	Relinquished by: (Signature) Joe D. Lewis	Received by: Cooler	Date & Time 08-02-06 1350
GLOBAL ID: T0602300436	Relinquished by: (Signature)	Received by: Carlin Spoon	Date & Time 8/3/06 9:50
	Relinquished by: (Signature)	Received by:	Date & Time

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

NO. Cal.

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

06-07877

Analysis Requested

Circle one: Phillips 66 / Unocal	Consultant Firm: TRC
Address: 1693 Central Ave	21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: McKinleyville	4-digit site#: 01106 Workorder # 2021TRC502
State: CA Zip:	Project #: 41060001/FA20
Phillips 66 /Unocal Mgr: Thomas Kosel	Sampler Name:

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~~ Ferrous Iron	~~TPH DIESEL by 8015~~ Methane	~~8260 full list w/ MTBE & oxygenates~~	~~EDB/EDC~~ CO2 ~~BY 8260B~~ BY 8260B/ Ethanol	~~ETHANOL by 8260B~~ COD	~~TPH G by GC/MS~~ BOD	Nitrate	Sulfate	Alkalinity/Manganese	Turnaround Time Requested
	-9	MW-9	08-02-06 1130	GW	X	X	X	X	X	X	X	X	X	X	STD

Comments:	Relinquished by: (Signature) Joe D. Lewis	Received by: Cooler	Date & Time 08-02-06 1350
GLOBAL ID: T0602300436	Relinquished by: (Signature)	Received by: Jeanine Spoon	Date & Time 8/3/06 9:50
	Relinquished by: (Signature)	Received by:	Date & Time

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

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.