NW 1297

SAIC
From Science to Solutions

Science Applications International Corporation
18912 North Creek Parkway, Suite 101
Bothell, Washington 98011

DCN: CO1-SAI-95439-01-13168

October 19, 2007

Mr. Brett Hunter
Chevron Environmental Management Company
6001 Bollinger Canyon Road, Room K2252
San Ramon, California

Re: September 2006 Groundwater Monitoring Report
Former Chevron Service Station No. 9-5439
3876 Bridge Way North, Seattle Washington

Mr. Hunter:

Science Applications International Corporation (SAIC) has prepared this Groundwater Monitoring Report for the former Chevron Service Station located at 3876 Bridge Way North in Seattle, Washington (Daviscourt property) and the two adjacent properties (Union View and Campbell) located to the east and southeast on Stone Way North. The three properties are collective identified as the Site. The September 2006 groundwater monitoring event was conducted by SAIC and Kane Environmental between September 27, and October 02, 2006 and included monitoring of wells located on the Daviscourt, Union View and Campbell properties.

Groundwater Conditions

Depth to groundwater measurements were made in 55 of 64 site monitoring/vapor wells. Of these 55 wells, 11 wells are located on the Daviscourt property, 40 wells are located on the Union View property and four vapor wells screened in groundwater are located on the Campbell property. Separate-phase hydrocarbons (SPH) were detected in monitoring wells MW-27, MW-30, MW-38 and MW-40 at thicknesses of 0.21 feet (ft), 0.20 ft, 1.40 ft, and 0.52 ft respectively. Groundwater samples were collected from MW-27, MW-38 and MW-40 for laboratory analysis.

The groundwater elevation (relative to site datum) ranged from 101.30 (MW-2) to 89.14 feet (MW-6). Average groundwater elevation (95.06 feet) has decreased 0.01 foot since the last monitoring event performed in September 2005. The direction of groundwater flow was to the southeast, which is consistent with previous sampling events. The hydraulic gradient ranges from 0.02 foot per foot (ft/ft) in the center of the Site to 0.14 ft/ft at the southeast end of the Site, which generally mimics the surface topography and is consistent with previous sampling events.

Groundwater Quality

Groundwater samples were collected from 24 wells and submitted to Lancaster Laboratories (Daviscourt well samples) or Friedman & Bruya, Inc. (Union View well samples) for analysis of gasoline-range hydrocarbons by Washington State Department of Ecology (WDOE) Method NWTPH-G; for diesel- and oil-range hydrocarbons by WDOE Method NWTPH-Dx and for benzene, toluene, ethylbenzene and total xylenes (BTEX) by U.S. Environmental Protection Agency (EPA) Method 8021B. Eight samples collected from the Union View wells were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B. Eight samples collected from the Union View wells were not analyzed for diesel- and oil-range hydrocarbons.

Total Petroleum Hydrocarbons (TPH) – Gasoline-range hydrocarbons were reported in 23 of the wells sampled. Concentrations ranged from 170 micrograms per liter (µg/L) (MW-10) to 110,000 µg/L (MW-26). Diesel-range hydrocarbons were reported in 14 of the wells sampled. Concentrations ranged from 68 µg/L (MW-15) to 190,000 µg/L (MW-40). Oil-range hydrocarbons were detected in 4 of the wells sampled. Concentrations ranged from 510 µg/L (D-MW-10) to 43,000 µg/L (MW-40).

BTEX - Benzene was detected in 21 of the wells sampled. Benzene ranged in concentration from 0.6 µg/L (D-MW-10) to 2,000 µg/L (MW-26 and 39). Benzene was not detected in wells MW-6, MW-13 and MW-17. Toluene was detected in 20 of the wells sampled. Concentration ranged from 0.8 µg/L (D-MW-10) to 19,000 µg/L (MW-26). Toluene was not detected in wells D-MW-1, MW-6, MW-13 and MW-18. Ethylbenzene was detected in 20 of the wells sampled. Concentration ranged from 0.9 µg/L (D-MW-10) to 4,300 µg/L (MW-38). Ethylbenzene was not detected in wells D-MW-1, MW-6, MW-13, and MW-17. Total xylenes were detected in 19 of the wells sampled. Concentrations ranged from 3 µg/L (MW-8) to 20,000 µg/L (MW-38 and MW-40). Total xylenes were not detected in wells D-MW-1, MW-6, MW-10, MW-13 and MW-17.

Total petroleum hydrocarbon concentrations in existing wells appear to be stable or decreasing. Concentrations of TPH and BTEX are relatively stable in the middle of the Site and are decreasing at the northern and southeastern margins of the dissolved-phase groundwater plume.

If you have any questions regarding the content of this letter, please contact Charles W. Olmsted, at 303-969-6002 or at charles.w.olmsted@saic.com

Sincerely,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

Megan Buchholz Gay
Project Manager

Attachments: Table 1 – Groundwater Monitoring Summary – September 2006
Table 2 – Groundwater Monitoring Data and Hydrocarbon Constituent Results Petroleum Constituents – September 2006
Table 3 – Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results
Figure 1 – Groundwater Elevation Contour Map – September 27, 2006
Figure 2 – Gasoline-Range Hydrocarbon Concentrations in Groundwater – September 2006
Figure 3 – Diesel- Range Hydrocarbon Concentrations in Groundwater – September 2006
Figure 4 – Benzene Concentrations in Groundwater – September 2006
Figure 5 – PCE Concentrations in Groundwater – September 2006
Appendix A – Groundwater Sampling Field Sheets (Daviscourt wells only)
Appendix B – Laboratory Reports and Chain of Custody Forms

TABLES

Table 1
Groundwater Monitoring Summary – September 2006
Former Chevron Service Station No. 9-5439
3876 Bridge Way North
Seattle, Washington

CURRENT FIELD ACTIVITIES

Activity date:	09/27/2006-10/02/2006
Field contractor:	SAIC
Purging method:	Peristaltic pump
Number of groundwater wells total:	64
Number of wells sampled this period:	23
Number of wells with SPH:	4

SITE HYDROLOGY

Average groundwater elevation (of wells gauged):	95.06 feet (relative elevation feet)
Groundwater elevation change from previous activity:	-0.01 feet
Approximate groundwater flow direction:	Southeasterly
Approximate hydraulic gradient:	0.02 to 0.14 ft/ft

GROUNDWATER CONDITIONS

Maximum benzene concentration:	2,000 µg/L, MW-26, MW-39
Minimum benzene concentration:	ND <1 µg/L, MW-6, MW-13, MW-17
Maximum TPH-G concentration:	110,000 µg/L, MW-26
Minimum TPH-G concentration:	170 µg/L, MW-10
Maximum TPH-D concentration:	190,000 µg/L, MW-40
Minimum TPH-D concentration:	ND below MDL (84 µg/L), D-MW-2 and D-MW-7
Maximum TPH-O concentration:	43,000 µg/L, MW-40
Minimum TPH-O concentration:	ND below MDL(250 µg/L), 12 wells

Table 2

Groundwater Monitoring Data and Hydrocarbon Constituent Results - September 2006

Former Chevron Service Station No. 9-5439

3876 Bridge Way North

Seattle, Washington

WELL ID	DATE	TOC (ft.)	DTP (ft.)	DTW (ft.)	SPHT (ft.)	GWE (msl)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	PCE (µg/L)	TCE (µg/L)	D. LEAD (µg/L)	Comments
Monitoring Wells																		
Davis Court																		
D-GEO-1	09/28/06	109.76	--	13.98	--	95.78	280	<110	26,000	300	1,400	930	3,800	--	--	--	--	
D-MW-1	09/26/06	109.69	--	12.32	--	97.37	260	<100	760	1.5	<0.5	<0.5	<1.5	--	--	--	--	
D-MW-2	09/28/06	109.17	--	9.30	--	99.87	<84	<110	3,400	33	180	130	420	--	--	--	--	
D-MW-3	09/28/06	109.34	--	11.46	--	97.88	--	--	--	--	--	--	--	--	--	--	--	
D-MW-4	09/28/06	109.72	--	13.12	--	96.60	--	--	--	--	--	--	--	--	--	--	--	
D-MW-5	09/28/06	107.00	--	13.60	--	93.40	--	--	--	--	--	--	--	--	--	--	--	
D-MW-6	09/28/06	109.57	--	12.94	--	96.63	1,300	<210	33,000	530	840	880	6,600	--	--	--	--	
D-MW-7	09/28/06	109.73	--	12.70	--	97.03	<82	<100	4,000	24	280	130	640	--	--	--	--	
D-MW-8	09/28/06	109.85	--	14.62	--	95.23	--	--	--	--	--	--	--	--	--	--	--	
D-MW-9	09/29/06	106.94	--	13.47	--	93.47	200	<100	3,900	18	170	110	470	--	--	--	--	
D-MW-10	9/28-29/06	109.87	--	12.42	--	97.45	390	510	320	0.6	0.8	0.9	4.7	--	--	--	--	
Union View																		
MW-1	09/28/06	104.46	--	8.08	--	96.38	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/28/06	108.64	--	7.34	--	101.30	--	--	--	--	--	--	--	--	--	--	--	
MW-3	09/28/06	108.98	--	9.63	--	99.35	--	--	--	--	--	--	--	--	--	--	--	
MW-4	09/28/06	109.59	--	11.62	--	97.97	--	--	--	--	--	--	--	--	--	--	--	
MW-5	09/27/06	106.14	--	12.25	--	93.89	--	--	--	--	--	--	--	--	--	--	--	
MW-6	09/27/06	99.49	--	10.35	--	89.14	--	--	<100	<1	<1	<1	<3	--	--	--	--	
MW-7	09/27/06	100.93	--	8.35	--	92.58	--	--	--	--	--	--	--	--	--	--	--	
MW-8	09/27/06	100.94	--	7.94	--	93.00	--	--	350	44	5	26	3	--	--	--	--	
MW-9	09/27/06	100.99	--	7.41	--	93.58	--	--	--	--	--	--	--	--	--	--	--	
MW-10	09/27/06	100.64	--	7.80	--	92.84	130	<250	170	11	1	2	<3	--	19	6	--	The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.
MW-11	09/27/06	100.82	--	7.10	--	93.72	--	--	--	--	--	--	--	--	--	--	--	
MW-13	09/28/06	100.87	--	7.25	--	93.62	--	--	510	<1	<1	<1	<3	--	1,400	41	--	
MW-14	09/27/06	101.33	--	7.65	--	93.68	--	--	--	--	--	--	--	--	--	--	--	
MW-15	09/27/06	101.15	--	7.52	--	93.63	68	<250	630	28	10	16	17	--	920	8.7	--	The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.
MW-16	09/27/06	100.77	--	7.15	--	93.62	--	--	--	--	--	--	--	--	--	--	--	
MW-17	09/27/06	101.36	--	7.70	--	93.66	--	--	210	<1	<1	<1	<3	--	730	1.8	--	
MW-18	09/27/06	101.34	--	7.48	--	93.86	--	--	--	--	--	--	--	--	--	--	--	
MW-19	09/28/06	101.41	--	7.60	--	93.81	3,300	<250	33,000	990	830	1,900	6,000	--	--	--	--	The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.
MW-21	09/27/06	101.11	--	7.40	--	93.71	--	--	--	--	--	--	--	--	--	--	--	
MW-22	09/27/06	101.16	--	7.50	--	93.66	--	--	2,200	79	58	117	350	--	630	8.7	--	
MW-23	09/28/06	101.25	--	7.20	--	94.05	--	--	29,000	940	1,900	1,700	6,200	--	<100	<100	--	
MW-24	09/28/06	101.29	--	7.10	--	94.19	3,800	<250	49,000	1,200	6,100	2,100	8,700	--	--	--	--	The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.
MW-25	09/28/06	101.37	--	6.93	--	94.44	--	--	--	--	--	--	--	--	--	--	--	
MW-26	09/27/06	101.47	--	7.35	--	94.12	6,000	<250	110,000	2,000	19,000	3,100	17,000	--	<100	<100	--	The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.
MW-27	09/28/06	101.64	7.34	7.55	0.21	94.26	39,000	20,000	48,000	1,000	2,400	2,200	10,000	--	<5	<5	--	The pattern of peaks present is not solely indicative of diesel. The results for diesel were caused by an overlap from gasoline and motor oil range hydrocarbons.
MW-29	9/28-10/2/06	101.28	--	7.50	--	93.78	38,000	12,000	92,000	1,100	5,600	3,600	19,000	--	--	--	--	
MW-30	09/27/06	101.58	5.80	6.00	0.20	95.74	--	--	--	--	--	--	--	--	--	--	--	
MW-31	09/27/06	101.68	--	5.90	--	95.78	--	--	--	--	--	--	--	--	--	--	--	
MW-32	09/27/06	101.45	--	5.80	--	95.65	--	--	--	--	--	--	--	--	--	--	--	
MW-33	09/27/06	101.56	--	5.30	--	96.26	--	--	--	--	--	--	--	--	--	--	--	
MW-34	09/27/06	101.63	--	5.30	--	96.33	--	--	--	--	--	--	--	--	--	--	--	
MW-35	09/27/06	101.63	--	6.30	--	95.33	--	--	--	--	--	--	--	--	--	--	--	
MW-36	09/27/06	101.39	--	5.90	--	95.49	--	--	--	--	--	--	--	--	--	--	--	

Table 2

Groundwater Monitoring Data and Hydrocarbon Constituent Results - September 2006

Former Chevron Service Station No. 9-5439

3876 Bridge Way North

Seattle, Washington

WELL ID	DATE	TOC	DTP	DTW	SPHT	GWE	TPH-D	TPH-O	TPH-G	B	T	E	X	MTBE	PCE	TCE	D. LEAD	Comments
		(ft.)	(ft.)	(ft.)	(ft.)	(msl)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
MW-37	09/28/06	101.39	--	6.40	--	94.99	--	--	21,000	450	890	1,100	4,400	--	--	--	--	
MW-38	09/28/06	101.52	6.10	7.50	1.40	95.14	--	--	98,000	1,600	15,000	4,300	20,000	--	--	--	--	
MW-39	09/28-10/2/06	101.81	--	6.10	--	95.71	2,800	<25	67,000	2,000	7,800	2,300	9,900	--	--	--	--	
MW-40	09/28-10/2/06	101.71	5.58	6.10	0.52	96.03	190,000	43,000	97,000	1,900	7,500	2,700	20,000	--	--	--	--	
MW-41	09/27/06	101.57	--	7.60	--	93.97	--	--	--	--	--	--	--	--	--	--	--	
MW-42	09/27/06	101.57	--	6.30	--	95.27	--	--	--	--	--	--	--	--	--	--	--	
SG-Geo-8	09/27/06	102.03	--	8.15	--	93.88	--	--	--	--	--	--	--	--	--	--	--	
Campbell																		
VP-4	09/28/06	95.17	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-5	09/28/06	95.17	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-7	09/28/06	95.27	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-11	09/28/06	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	
							TPH-D	TPH-O	TPH-G	B	T	E	X	MTBE	PCE	TCE	D. LEAD	
						Standard Laboratory Reporting Limits:	250	500	50	0.5	0.5	0.5	1.5	--	--	--	1	
						MTCA Method A Cleanup Levels:	500	500	800/1,000	5	1,000	700	1,000	20	5	5	15	
						Current Method:	NWTPH-D Extended		NWTPH-G				EPA 8021 or 8260				EPA 7421	

EXPLANATIONS:

TOC = Top of Casing

(ft.) = Feet

DTP/W = Depth to Product or Water

SPHT = Separated Phase Hydrocarbons Thickness

GWE = Groundwater Elevation

TPH-D = Total Petroleum Hydrocarbons as Diesel analyzed by NWTPH-D extended with silica gel cleanup

TPH-O = Total Petroleum Hydrocarbons as Oil analyzed by NWTPH-D extended with silica gel cleanup

TPH-G = Total Petroleum Hydrocarbons as Gasoline analyzed by NWTPH-G

B = Benzene analyzed by EPA Method 8021 or 8260B

T = Toluene analyzed by EPA Method 8021 or 8260B

E = Ethylbenzene analyzed by EPA Method 8021 or 8260B

X = Xylenes analyzed by EPA Method 8021 or 8260B

MTBE = Methyl tertiary butyl ether analyzed by EPA Method 8021 or 8260B

PCE = Tetrachloroethylene analyzed by EPA Method 8260B

TCE = Trichloroethylene analyzed by EPA Method 8260B

D. LEAD = Dissolved Lead analyzed by EPA Method 7421

Groundwater elevation calculated using: TOC elevation – depth to groundwater (except for cases with product, see below)

Groundwater elevations for wells containing LNAPL calculated using: TOC elevation – depth to groundwater + (product thickness * 0.8)

(µg/L) = micrograms per liter

NM = Not Measured

NP = No Product

-- = Not Analyzed

<X = Not Detected, number represents laboratory reporting limit

J = Estimated result between the method detection limit and the laboratory reporting limit

E = Concentration exceeds the instrument calibration range

QA = Quality Assurance/Trip Blank

MTCA = Model Toxics Control Act Cleanup Regulations [WAC 173-340-720(2)(a)(I), as amended 02/01].

EPA = U.S. Environmental Protection Agency

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results
Former Chevron Service Station No. 9-5439
3876 Bridge Way North
Seattle, Washington

WELL ID	DATE	TOC (ft.)	DTSPH (ft.)	DTW (ft.)	SPHT (ft.)	GWE (ft.)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	PCE (µg/L)	TCE (µg/L)	D. LEAD (µg/L)	Comments
Davis Court																		
D-GEO-1	02/17/03	109.76	--	--	--	--	ND	ND	24,000	420	2,100	680	2,960	ND	ND	ND	2	MTBE by EPA Method 8260B
D-GEO-1	04/25/03	109.76	--	12.82	--	96.94	--	--	--	--	--	--	--	--	--	--	--	
D-GEO-1	05/05/03	109.76	--	--	--	--	220	<100	22,000	430	2,000	750	3,100	<25	<2	<3	3	MTBE by EPA Method 8260B
D-GEO-1	03/29/04	109.76	--	12.86	--	96.90	--	--	--	--	--	--	--	--	--	--	--	
D-GEO-1	10/22-23/04	109.76	--	13.54	--	96.22	180	ND	28,000	500	2,300	1,000	4,400	--	--	--	--	
D-GEO-1	09/22/05	109.76	--	14.07	--	95.69	--	--	--	--	--	--	--	--	--	--	--	
D-GEO-1	10/27/05	109.76	--	--	--	--	360	ND	18,000	260	ND	380	2,800	--	--	--	--	
D-GEO-1	09/28/06	109.76	--	13.98	--	95.78	280	<110	26,000	300	1,400	930	3,800	--	--	--	--	
D-MW-1	02/13/03	109.69	--	--	--	--	ND	ND	1,800	4	ND	24	18	ND	ND	ND	ND	
D-MW-1	04/24/03	109.69	--	10.96	--	98.73	--	--	--	--	--	--	--	--	--	--	--	
D-MW-1	05/05/03	109.69	--	--	--	--	440	<110	3,900	6	2	87	150	<2.5	<0.8	<1.0	<1.2	
D-MW-1	03/29/04	109.69	--	11.71	--	97.98	--	--	--	--	--	--	--	--	--	--	--	
D-MW-1	10/20/04	109.69	--	11.67	--	98.02	--	--	--	--	--	--	--	--	--	--	--	
D-MW-1	09/22/05	109.69	--	12.58	--	97.11	--	--	--	--	--	--	--	--	--	--	--	
D-MW-1	10/27/05	109.69	--	12.58	--	97.11	ND	ND	340	1	ND	ND	ND	ND	ND	ND	ND	
D-MW-1	09/26/06	109.69	--	12.32	--	97.37	260	<100	760	2	<0.5	<0.5	<1.5	--	--	--	--	
D-MW-2	02/13/03	109.17	--	--	--	--	ND	ND	6,200	79	570	110	660	ND	ND	ND	1	
D-MW-2	04/25/03	109.17	--	8.05	--	101.12	--	--	--	--	--	--	--	--	--	--	--	
D-MW-2	05/05/03	109.17	--	--	--	--	<82	<100	2,400	26	300	65	290	<2.5	<0.8	<1.0	<1.2	
D-MW-2	03/29/04	109.17	--	8.25	--	100.92	--	--	--	--	--	--	--	--	--	--	--	
D-MW-2	04/21/04	109.17	--	--	--	--	96	< 100	13,000	77	1,100	400	1,830	< 0.5	< 0.8	< 1.0	--	
D-MW-2	10/22-23/04	109.17	--	8.72	--	100.45	ND	ND	440	3	16	9	44	--	--	--	--	
D-MW-2	09/22/05	109.17	9.45	9.50	0.05	99.71	--	--	--	--	--	--	--	--	--	--	--	
D-MW-2	10/27/05	109.17	--	--	--	--	380	ND	9,600	67	460	260	870	--	--	--	--	
D-MW-2	09/28/06	109.17	--	9.30	--	99.87	<84	<110	3,400	33	180	130	420	--	--	--	--	
D-MW-3	02/13/03	109.34	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	
D-MW-3	04/25/03	109.34	--	10.04	--	99.30	--	--	--	--	--	--	--	--	--	--	--	
D-MW-3	05/05/03	109.34	--	--	--	--	<79	<98	<50	<0.5	<0.5	<0.5	<1.5	<2.5	<0.8	<1.0	<1.2	
D-MW-3	03/29/04	109.34	--	10.32	--	99.02	--	--	--	--	--	--	--	--	--	--	--	
D-MW-3	09/22/05	109.34	--	11.68	--	97.66	--	--	--	--	--	--	--	--	--	--	--	
D-MW-3	10/20/04	109.34	--	10.78	--	98.56	--	--	--	--	--	--	--	--	--	--	--	
D-MW-3	09/28/06	109.34	--	11.46	--	97.88	--	--	--	--	--	--	--	--	--	--	--	
D-MW-4	02/17/03	109.72	--	--	--	--	ND	ND	63,000	480	5,100	1,500	7,500	<40	ND	ND	2	
D-MW-4	04/25/03	109.72	--	12.26	--	97.46	--	--	--	--	--	--	--	--	--	--	--	
D-MW-4	05/05/03	109.72	--	--	--	--	<400	<500	27,000	280	2,600	820	4,000	<50	<4.0	<5.0	2	
D-MW-4	03/29/04	109.72	--	12.35	--	97.37	--	--	--	--	--	--	--	--	--	--	--	
D-MW-4	10/22/04	109.72	--	12.92	--	96.80	--	--	--	--	--	--	--	--	--	--	--	
D-MW-4	09/22/05	109.72	--	13.57	--	96.15	--	--	--	--	--	--	--	--	--	--	--	
D-MW-4	09/28/06	109.73	--	13.12	--	96.61	--	--	--	--	--	--	--	--	--	--	--	
D-MW-5	02/17/03	107.00	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
D-MW-5	04/25/03	107.00	--	12.21	--	94.79	--	--	--	--	--	--	--	--	--	--	--	
D-MW-5	05/08/03	107.00	--	--	--	--	<84	<110	<50	<0.5	<0.5	<0.5	<1.5	<2.5	<0.8	<1.0	<1.2	
D-MW-5	05/08/03	107.00	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	Duplicate sample
D-MW-5	03/29/04	107.00	--	12.32	--	94.68	--	--	--	--	--	--	--	--	--	--	--	
D-MW-5	10/20/04	107.00	--	13.46	--	93.54	--	--	--	--	--	--	--	--	--	--	--	
D-MW-5	09/22/05	107.00	--	13.88	--	93.12	--	--	--	--	--	--	--	--	--	--	--	
D-MW-5	09/28/06	107.00	--	13.60	--	93.40	--	--	--	--	--	--	--	--	--	--	--	
D-MW-6	3/24-29/04	109.57	--	11.82	--	97.75	1,100	<100	79,000	900	1,800	2,500	12,900	<5	<8	<10	5	
D-MW-6	3/24-29/04	109.57	--	11.82	--	97.75	1,000	ND	83,000	910	1,800	2,500	12,400	ND	<8	<10	4	Duplicate sample
D-MW-6	3/24-29/04	109.57	--	11.82	--	97.75	868	<500	67,200	1,200	2,300	2,500	13,400	--	--	--	3	Entrix split sample
D-MW-6	10/22-23/04	109.57	--	12.44	--	97.13	480	ND	53,000	670	870	2,000	11,000	--	--	--	--	
D-MW-6	09/22/05	109.57	--	13.11	--	96.46	--	--	--	--	--	--	--	--	--	--	--	
D-MW-6	10/27/05	109.57	--	--	--	--	750	ND	47,000	440	390	1,200	6,000	--	--	--	--	
D-MW-6	09/28/06	109.57	--	12.94	--	96.63	1,300	<210	33,000	530	840	880	6,600	--	--	--	--	

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results

Former Chevron Service Station No. 9-5439

3876 Bridge Way North

Seattle, Washington

WELL ID	DATE	TOC	DTSPH	DTW	SPHT	GWE	TPH-D	TPH-O	TPH-G	B	T	E	X	MTBE	PCE	TCE	D. LEAD	Comments
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
D-MW-7	3/24-29/04	109.73	--	11.20	--	98.53	520	<110	42,000	190	3,100	890	5,400	<200	<3	<4	<1.2	Dilution Factor of 4
D-MW-7	3/24-29/04	109.73	--	11.20	--	98.53	476	<500	28,200	220	2,700	970	5,100	--	--	--	< 1.0	Entrix split sample
D-MW-7	10/22-23/04	109.73	--	11.82	--	97.91	7,500	2,500	1,200	120	190	9	97	--	--	--	--	
D-MW-7	09/22/05	109.73	--	12.41	--	97.32	--	--	--	--	--	--	--	--	--	--	--	
D-MW-7	10/27/05	109.73	--	13.11	--	96.62	ND	ND	1,100	23	59	4	52	--	--	--	--	
D-MW-7	09/28/06	109.73	--	12.70	--	97.03	<82	<100	4,000	24	280	130	640	--	--	--	--	
D-MW-8	03/29/04	109.85	--	13.27	--	96.58	2,600	290	27,000	210	740	610	2,540	<1	<2	<3	<1.2	
D-MW-8	03/29/04	109.85	--	13.27	--	96.58	3,480	<633	23,300	190	650	440	2,030	--	--	--	1	Entrix split sample
D-MW-8	10/20-22/04	109.85	--	13.94	--	95.91	--	--	--	--	--	--	--	--	--	--	--	
D-MW-8	09/22/05	109.85	--	14.57	--	95.28	--	--	--	--	--	--	--	--	--	--	--	
D-MW-8	09/28/06	109.85	--	14.62	--	95.23	--	--	--	--	--	--	--	--	--	--	--	
D-MW-9	3/24-29/04	106.94	--	11.99	--	94.95	330	<99	20,000	21	350	200	2,510	<1	<2	<3	2	
D-MW-9	3/24-29/04	106.94	--	11.99	--	94.95	371	<500	15,900	<40	450	250	3,520	--	--	--	<1.0	Entrix split sample
D-MW-9	10/22-23/04	106.94	--	12.86	--	94.08	230	ND	11,000	41	440	220	1,400	--	--	--	--	
D-MW-9	09/22/05	106.94	--	13.30	--	93.64	--	--	--	--	--	--	--	--	--	--	--	
D-MW-9	10/27/05	106.94	--	--	--	--	290	ND	8,300	36	360	190	1,000	--	--	--	--	
D-MW-9	05/10/06	106.94	--	--	--	--	510	--	1,200	12	140	50	290	<1	<1	<1	--	
D-MW-9	09/29/06	106.94	--	13.47	--	93.47	200	<100	3,900	18	170	110	470	--	--	--	--	
D-MW-10	10/22-23/04	109.87	--	11.08	--	98.79	17,000	17,000	3,200	1	4	17	50	--	--	--	--	
D-MW-10	09/22/05	109.87	--	NM	--	--	--	--	--	--	--	--	--	--	--	--	--	
D-MW-10	10/27/05	109.87	--	--	--	--	270	260	300	ND	ND	ND	2	--	--	--	--	
D-MW-10	9/28-29/06	109.87	--	12.42	--	97.45	390	510	320	1	1	1	5	--	--	--	--	
Union View																		
MW-1	05/02/02	104.46	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	--	--	--	
MW-1	04/24/03	104.46	--	6.57	--	97.89	--	--	--	--	--	--	--	--	--	--	--	
MW-1	03/29/04	104.46	--	6.72	--	97.74	--	--	--	--	--	--	--	--	--	--	--	
MW-1	10/15/04	104.46	--	--	--	--	--	--	<100	<1	<1	<1	<1	--	--	--	--	
MW-1	10/20/04	104.46	--	7.30	--	97.16	--	--	--	--	--	--	--	--	--	--	--	
MW-1	09/22/05	104.46	--	8.00	--	96.46	--	--	--	--	--	--	--	--	--	--	--	
MW-1	09/28/06	104.46	--	8.08	--	96.38	--	--	--	--	--	--	--	--	--	--	--	
MW-2	05/02/02	108.64	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	--	--	--	
MW-2	04/24/03	108.64	--	6.06	--	102.58	--	--	--	--	--	--	--	--	--	--	--	
MW-2	03/29/04	108.64	--	6.79	--	101.85	--	--	--	--	--	--	--	--	--	--	--	
MW-2	10/20/04	108.64	--	6.81	--	101.83	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/22/05	108.64	--	7.42	--	101.22	--	--	--	--	--	--	--	--	--	--	--	
MW-2	09/28/06	108.64	--	7.34	--	101.30	--	--	--	--	--	--	--	--	--	--	--	
MW-3	05/02/02	108.98	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	--	--	--	
MW-3	04/24/03	108.98	--	8.52	--	100.46	--	--	--	--	--	--	--	--	--	--	--	
MW-3	03/29/04	108.98	--	8.71	--	100.27	--	--	--	--	--	--	--	--	--	--	--	
MW-3	10/15-20/04	108.98	--	9.08	--	99.90	--	--	<100	<1	<1	<1	<1	--	--	--	--	Sample Collected by Kane 10/15/2004
MW-3	09/22/05	108.98	--	9.79	--	99.19	--	--	--	--	--	--	--	--	--	--	--	
MW-3	10/13/05	108.98	--	--	--	--	--	--	<50	<1	<1	<1	<3	--	--	--	--	
MW-3	09/28/06	108.98	--	9.63	--	99.35	--	--	--	--	--	--	--	--	--	--	--	
MW-4	01/25/00	109.59	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	
MW-4	05/02/02	109.59	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	--	--	--	
MW-4	04/24/03	109.59	--	10.76	--	98.83	--	--	--	--	--	--	--	--	--	--	--	
MW-4	03/29/04	109.59	--	10.83	--	98.76	--	--	--	--	--	--	--	--	--	--	--	
MW-4	10/20/04	109.59	--	11.08	--	98.51	--	--	--	--	--	--	--	--	--	--	--	
MW-4	09/22/05	109.59	--	11.75	--	97.84	--	--	--	--	--	--	--	--	--	--	--	
MW-4	10/17/05	109.59	--	11.08	--	98.51	--	--	<50	<1	<1	<1	<3	--	--	--	--	
MW-4	09/28/06	109.59	--	11.62	--	97.97	--	--	--	--	--	--	--	--	--	--	--	
MW-5	01/25/00	106.14	--	--	--	--	--	--	ND	--	--	--	--	--	--	--	--	
MW-5	05/02/02	106.14	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	--	--	--	
MW-5	04/24/03	106.14	--	11.78	--	94.36	--	--	--	--	--	--	--	--	--	--	--	
MW-5	03/29/04	106.14	--	11.83	--	94.31	--	--	--	--	--	--	--	--	--	--	--	

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results

Former Chevron Service Station No. 9-5439

3876 Bridge Way North

Seattle, Washington

WELL ID	DATE	TOC (ft.)	DTSPH (ft.)	DTW (ft.)	SPHT (ft.)	GWE (ft.)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	PCE (µg/L)	TCE (µg/L)	D. LEAD (µg/L)	Comments
MW-5	10/17/05	106.14	--	NM	--	--	--	--	<50	<1	<1	<1	<3	--	--	--	--	
MW-5	09/27/06	106.14	--	12.25	--	93.89	--	--	--	--	--	--	--	--	--	--	--	
MW-6	01/13/00	99.49	--	--	--	--	--	--	--	ND	ND	ND	ND	--	1.1	ND	--	
MW-6	05/16/02	99.49	--	--	--	--	<50	<250	<50	<1	<1	<1	<1	--	<1	<1	--	
MW-6	04/24/03	99.49	--	9.71	--	89.78	--	--	--	--	--	--	--	--	--	--	--	
MW-6	05/07/03	99.49	--	--	--	--	<91	<110	<50	1	<0.5	<0.5	<1.5	<2.5	<0.8	<1.0	<1.2	
MW-6	03/29/04	99.49	--	9.89	--	89.60	--	--	--	--	--	--	--	--	--	--	--	
MW-6	09/24/04	99.49	--	10.12	--	89.37	--	--	--	--	--	--	--	--	--	--	--	Groundwater sample collected by Kane 10/18/2004
MW-6	10/18/04	99.49	--	NM	--	--	--	--	<100	<1	<1	<1	<1	--	--	--	--	
MW-6	09/23/05	99.49	--	10.38	--	89.11	--	--	--	--	--	--	--	--	--	--	--	
MW-6	10/13/05	99.49	--	13.38	--	86.11	--	--	<50	<1	<1	<1	<3	--	--	--	--	
MW-6	09/27/06	99.49	--	10.35	--	89.14	--	--	<100	<1	<1	<1	<3	--	--	--	--	
MW-7	01/13/00	100.93	--	--	--	--	--	--	--	130	15	48	26	--	22	31	--	
MW-7	04/24/03	100.93	--	7.93	--	93.00	--	--	--	--	--	--	--	--	--	--	--	
MW-7	05/08/03	100.93	--	--	--	--	<76	<95	70	15	<0.5	1	<1.5	--	5	20	--	Interferent with MTBE, concentration of compound unknown
MW-7	03/29/04	100.93	--	7.95	--	92.98	--	--	--	--	--	--	--	--	--	--	--	
MW-7	09/23/05	100.93	--	8.34	--	92.59	--	--	--	--	--	--	--	--	--	--	--	
MW-7	09/27/06	100.93	--	8.35	--	92.58	--	--	--	--	--	--	--	--	--	--	--	
MW-8	01/13/00	100.94	--	--	--	--	--	--	--	330	32	ND	150	--	ND	ND	--	
MW-8	05/16/02	100.94	--	--	--	--	690	<250	2,800	240	41	300	60	--	<1	<1	--	
MW-8	04/24/03	100.94	--	7.64	--	93.30	--	--	--	--	--	--	--	--	--	--	--	
MW-8	05/07/03	100.94	--	--	--	--	250	<100	2,400	190	27	220	29	<50	1	5	<1.2	Interferent with MTBE, concentration of compound unknown
MW-8	03/29/04	100.94	--	7.64	--	93.30	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/18/04	100.94	--	7.72	--	93.22	--	--	330	82	7	54	5	--	--	--	--	
MW-8	10/18/04	100.94	--	7.72	--	93.22	--	--	350	--	--	--	--	--	--	--	--	Duplicate sample
MW-8	09/23/05	100.94	--	7.95	--	92.99	--	--	--	--	--	--	--	--	--	--	--	
MW-8	10/13/05	100.94	--	--	--	--	--	--	1,000	140	9	86	6	--	--	--	--	
MW-8	09/27/06	100.94	--	7.94	--	93.00	--	--	350	44	5	26	3	--	--	--	--	
MW-9	01/13/00	100.99	--	--	--	--	--	--	--	22	1	4	7	--	27	11	--	
MW-9	05/28/02	100.99	--	--	--	--	<50	<250	530	5	13	4	29	<1	28	19	--	
MW-9	04/24/03	100.99	--	6.64	--	94.35	--	--	--	--	--	--	--	--	--	--	--	
MW-9	05/07/03	100.99	--	--	--	--	<80	<100	80	<5.0	<0.5	<0.5	<1.5	<10	25	18	<1.2	Interferent with MTBE, conc. of MTBE unknown
MW-9	03/29/04	100.99	--	6.74	--	94.25	--	--	--	--	--	--	--	--	--	--	--	
MW-9	09/23/05	100.99	--	7.41	--	93.58	--	--	--	--	--	--	--	--	--	--	--	
MW-9	09/27/06	100.99	--	7.41	--	93.58	--	--	--	--	--	--	--	--	--	--	--	
MW-10	01/24/00	100.64	--	--	--	--	--	--	--	20	1	ND	2	--	200	51	--	
MW-10	05/16/02	100.64	--	--	--	--	70	<250	900	130	2	20	1	--	3	6	--	
MW-10	04/24/03	100.64	--	7.81	--	92.83	--	--	--	--	--	--	--	--	--	--	--	
MW-10	05/08/03	100.64	--	--	--	--	<81	<100	400	72	6	6	12	<20	29	12	<1.2	Interferent with MTBE, concentration of compound unknown
MW-10	03/29/04	100.64	--	7.19	--	93.45	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/15-18/04	100.64	--	7.18	--	93.46	ND	ND	ND	29	1	4	1	ND	23	6	--	Sample collected by Kane 10/15/2004
MW-10	09/23/05	100.64	--	7.77	--	92.87	--	--	--	--	--	--	--	--	--	--	--	
MW-10	10/12/05	100.64	--	--	--	--	<130	<250	78	16	<2	2	<2	--	21	7	--	
MW-10	09/27/06	100.64	--	7.80	--	92.84	130	<250	170	11	1	2	<3	--	19	6	--	The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.
MW-11	01/13/00	100.82	--	--	--	--	--	--	1,000	300	22	ND	720	--	6	ND	--	
MW-11	05/22/02	100.82	--	--	--	--	--	--	--	270	160	430	831	--	<1	<1	--	
MW-11	04/24/03	100.82	--	6.27	--	94.55	--	--	--	--	--	--	--	--	--	--	--	
MW-11	05/08/03	100.82	--	--	--	--	160	<100	5,100	290	85	360	370	<50	19	8	<1.2	Interferent with MTBE, conc. of MTBE unknown
MW-11	05/08/03	100.82	--	--	--	--	140	ND	4,300	290	82	310	370	ND	22	8	ND	Duplicate sample
MW-11	05/08/03	100.82	--	--	--	--	<280	<450	5,700	340	99	410	475	<20	--	--	<1.0	Kane split sample
MW-11	03/29/04	100.82	--	6.40	--	94.42	--	--	--	--	--	--	--	--	--	--	--	
MW-11	09/23/05	100.82	--	7.14	--	93.68	--	--	--	--	--	--	--	--	--	--	--	

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results

Former Chevron Service Station No. 9-5439

3876 Bridge Way North

Seattle, Washington

WELL ID	DATE	TOC (ft.)	DTSPH (ft.)	DTW (ft.)	SPHT (ft.)	GWE (ft.)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	PCE (µg/L)	TCE (µg/L)	D. LEAD (µg/L)	Comments
MW-11	09/27/06	100.82	--	7.10	--	93.72	--	--	--	--	--	--	--	--	--	--	--	
MW-12	09/23/05	101.24	--	7.50	--	93.74	--	--	--	--	--	--	--	--	--	--	--	Well dry
MW-13	01/13/00	100.87	--	--	--	--	--	--	--	27	3	ND	22	--	1,700	19	--	
MW-13	05/22/02	100.87	--	--	--	--	--	--	--	<1	<1	<1	<1	--	930	29	--	
MW-13	04/24/03	100.87	--	6.25	--	94.62	--	--	--	--	--	--	--	--	--	--	--	
MW-13	05/08/03	100.87	--	--	--	--	<76	<95	300	<0.5	<0.5	<0.5	<1.5	<2.5	450	16	<1.2	
MW-13	05/08/03	100.87	--	--	--	--	<250	<400	610	<1.0	<1.0	<1.0	<1.0	<10	--	--	<1.0	Kane split sample
MW-13	03/29/04	100.87	--	6.45	--	94.42	--	--	--	--	--	--	--	--	--	--	--	
MW-13	10/15-18/04	100.87	--	6.70	--	94.17	--	--	<100	<1	<1	<1	<1	<1	740	19	--	Analytical sample collected by Kane 10/18/2004
MW-13	09/23/05	100.87	--	7.24	--	93.63	--	--	--	--	--	--	--	--	--	--	--	
MW-13	10/12/05	100.87	--	--	--	--	--	--	<50	<2	<2	<2	<2	<2	1,000	34	--	
MW-13	09/28/06	100.87	--	7.25	--	93.62	--	--	510	<1	<1	<1	<3	--	1,400	41	--	
MW-14	01/13/00	101.33	--	--	--	--	--	--	--	56	17	ND	68	--	390	32	--	
MW-14	05/22/02	101.33	--	--	--	--	--	--	--	<1	<1	1	2	--	710	69	--	
MW-14	04/24/03	101.33	--	6.74	--	94.59	--	--	--	--	--	--	--	--	--	--	--	
MW-14	05/07/03	101.33	--	--	--	--	<81	<100	500	<0.5	<0.5	<0.5	<1.5	<2.5	660	86	<1.2	
MW-14	03/29/04	101.33	--	6.89	--	94.44	--	--	--	--	--	--	--	--	--	--	--	
MW-14	09/23/05	101.33	--	7.64	--	93.69	--	--	--	--	--	--	--	--	--	--	--	
MW-14	09/27/06	101.33	--	7.65	--	93.68	--	--	--	--	--	--	--	--	--	--	--	
MW-15	01/13/00	101.15	--	--	--	--	--	--	--	380	68	ND	860	--	130	11	--	
MW-15	05/16/02	101.15	--	--	--	--	530	<250	5,000	340	380	280	490	--	170	4	--	
MW-15	04/24/03	101.15	--	6.52	--	94.63	--	--	--	--	--	--	--	--	--	--	--	
MW-15	05/08/03	101.15	--	--	--	--	<80	<100	2,600	160	26	140	160	<50	100	11	<1.2	Interferent with MTBE, conc. of MTBE unknown
MW-15	05/08/03	101.15	--	--	--	--	<260	<410	3,100	230	36	160	204	<10	--	--	<1.0	Kane split sample
MW-15	03/29/04	101.15	--	6.71	--	94.44	--	--	--	--	--	--	--	--	--	--	--	
MW-15	10/15-18/04	101.15	--	7.08	--	94.07	--	--	<100	3	<1	<1	<1	<1	860	5	--	Analytical sample collected by Kane 10/18/2004
MW-15	09/23/05	101.15	--	7.49	--	93.66	--	--	--	--	--	--	--	--	--	--	--	
MW-15	10/12/05	101.15	--	--	--	--	--	--	560	83	12	37	4	<2	510	11	--	
MW-15	05/10/06	101.15	--	--	--	--	<50	--	540	1	<1	<1	<2	<1	1,200	52	--	
MW-15	09/27/06	101.15	--	7.52	--	93.63	68	<250	630	28	10	16	17	--	920	9	--	The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.
MW-16	01/13/00	100.77	--	--	--	--	--	--	--	240	28	ND	540	--	90	22	--	
MW-16	05/22/02	100.77	--	--	--	--	--	--	--	300	58	220	436	--	160	8	--	
MW-16	04/24/03	100.77	--	6.22	--	94.55	--	--	--	--	--	--	--	--	--	--	--	
MW-16	05/08/03	100.77	--	--	--	--	<80	<100	1,200	100	17	51	80	<0.5	460	4	<1.2	
MW-16	05/08/03	100.77	--	--	--	--	<270	<430	1,400	94	14	41	73	<10	--	--	<1.0	Kane split sample
MW-16	03/29/04	100.77	--	6.33	--	94.44	--	--	--	--	--	--	--	--	--	--	--	
MW-16	09/23/05	100.77	--	7.09	--	93.68	--	--	--	--	--	--	--	--	--	--	--	
MW-16	09/27/06	100.77	--	7.15	--	93.62	--	--	--	--	--	--	--	--	--	--	--	
MW-17	01/13/00	101.36	--	--	--	--	--	--	--	ND	ND	ND	ND	--	340	ND	--	
MW-17	05/22/02	101.36	--	--	--	--	--	--	--	<1	<1	<1	<1	--	350	1	--	
MW-17	04/24/03	101.36	--	6.77	--	94.59	--	--	--	--	--	--	--	--	--	--	--	
MW-17	05/08/03	101.36	--	--	--	--	96	<95	200	<0.5	<0.5	<0.5	<1.5	<2.5	280	<1.0	<1.2	
MW-17	05/08/03	101.36	--	--	--	--	<250	<400	410	<1.0	<1.0	<1.0	<1.0	<10	--	--	<1.0	Kane split sample
MW-17	03/29/04	101.36	--	6.88	--	94.48	--	--	--	--	--	--	--	--	--	--	--	
MW-17	10/15-18/04	101.36	--	7.25	--	94.11	--	--	<100	<1	<1	<1	<1	<1	480	3	--	Analytical sample collected by Kane 10/18/2004
MW-17	09/23/05	101.36	--	7.59	--	93.77	--	--	--	--	--	--	--	--	--	--	--	
MW-17	10/12/05	101.36	--	--	--	--	--	--	<50	<2	<2	<2	11	<2	430	<2	--	
MW-17	09/27/06	101.36	--	7.70	--	93.66	--	--	210	<1	<1	<1	<3	--	730	2	--	
MW-18	01/22/00	101.34	--	--	--	--	--	--	--	380	64	ND	2,900	--	ND	ND	--	
MW-18	04/24/03	101.34	--	6.78	--	94.56	--	--	--	--	--	--	--	--	--	--	--	
MW-18	05/08/03	101.34	--	--	--	--	340	<97	17,000	630	240	760	2,100	<50	2	<1.0	<1.2	Interferent with MTBE, conc. of MTBE unknown
MW-18	03/29/04	101.34	--	6.88	--	94.46	--	--	--	--	--	--	--	--	--	--	--	
MW-18	09/23/05	101.34	--	7.54	--	93.80	--	--	--	--	--	--	--	--	--	--	--	
MW-18	09/27/06	101.34	--	7.48	--	93.86	--	--	--	--	--	--	--	--	--	--	--	

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results

Former Chevron Service Station No. 9-5439
3876 Bridge Way North
Seattle, Washington

WELL ID	DATE	TOC (ft.)	DTSPH (ft.)	DTW (ft.)	SPHT (ft.)	GWE (ft.)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	PCE (µg/L)	TCE (µg/L)	D. LEAD (µg/L)	Comments
MW-19	05/16/02	101.41	--	--	--	--	5,700	<250	35,000	2,300	3,700	3,700	16,000	--	<100	<100	--	100X dilution factor due to high level of material
MW-19	04/24/03	101.41	--	6.90	--	94.51	--	--	--	--	--	--	--	--	--	--	--	
MW-19	05/08/03	101.41	--	--	--	--	1,100	200	51,000	1,000	1,200	1,600	8,500	<200	<4.0	<5.0	8	Interferent with MTBE, conc. of MTBE unknown
MW-19	05/08/03	101.41	--	--	--	--	1,500	330	51,000	1,100	1,300	1,600	8,500	<100	ND	ND	8	Duplicate sample
MW-19	03/29/04	101.41	--	7.01	--	94.40	--	--	--	--	--	--	--	--	--	--	--	
MW-19	10/15-18/04	101.41	--	4.35	--	97.06	<200	<500	25,000	1,400	1,700	2,600	9,200	--	--	--	--	Analytical sample collected by Kane 10/18/2004
MW-19	09/23/05	101.41	--	7.62	--	93.79	--	--	--	--	--	--	--	--	--	--	--	
MW-19	10/12/05	101.41	--	--	--	--	<1,300	670	48,000	50	1,000	2,300	7,500	--	--	--	--	
MW-19	09/28/06	101.41	--	7.60	--	93.81	3,300	<250	33,000	990	830	1,900	6,000	--	--	--	--	The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.
MW-20	04/24/03	101.66	--	6.94	--	94.72	--	--	--	--	--	--	--	--	--	--	--	
MW-20	05/08/03	101.66	--	--	--	--	43,000	<9,900	30,000	100	520	320	2,700	<0.5	<0.8	<1.0	349	
MW-20	05/08/03	101.66	--	--	--	--	<260	<420	25,000	140	650	370	3,100	<50	--	--	330	Kane split sample
MW-20	03/29/04	101.66	--	7.03	--	94.63	--	--	--	--	--	--	--	--	--	--	--	
MW-20	09/23/05	101.66	--	7.70	--	93.96	--	--	--	--	--	--	--	--	--	--	--	
MW-21	01/22/00	101.11	--	--	--	--	--	--	--	15	7	ND	140	--	220	1	--	
MW-21	05/28/02	101.11	--	--	--	--	--	--	--	38	1	<1	1	--	260	2	--	
MW-21	04/24/03	101.11	--	6.51	--	94.60	--	--	--	--	--	--	--	--	--	--	--	
MW-21	05/07/03	101.11	--	--	--	--	<81	<100	200	26	1	<0.5	2	<0.5	240	2	<1.2	
MW-21	03/29/04	101.11	--	6.63	--	94.48	--	--	--	--	--	--	--	--	--	--	--	
MW-21	09/23/05	101.11	--	7.34	--	93.77	--	--	--	--	--	--	--	--	--	--	--	
MW-21	09/27/06	101.11	--	7.40	--	93.71	--	--	--	--	--	--	--	--	--	--	--	
MW-22	01/22/00	101.16	--	--	--	--	--	--	--	600	2,500	840	3,800	--	10	ND	--	
MW-22	05/28/02	101.16	--	--	--	--	370	<250	1,900	160	30	50	154	--	490	8	--	
MW-22	04/24/03	101.16	--	6.60	--	94.56	--	--	--	--	--	--	--	--	--	--	--	
MW-22	05/08/03	101.16	--	--	--	--	<80	<100	11,000	310	730	420	1,400	<0.5	290	8	<1.2	
MW-22	05/08/03	101.16	--	--	--	--	<270	<430	10,000	280	620	350	1,200	<50	--	--	<1.0	Kane split sample
MW-22	03/29/04	101.16	--	6.71	--	94.45	--	--	--	--	--	--	--	--	--	--	--	
MW-22	10/15-18/04	101.16	--	7.15	--	94.01	--	--	2,800	190	87	210	550	<1	260	8	--	Analytical sample collected by Kane 10/18/2004
MW-22	10/12/05	101.16	--	--	--	--	--	--	3,100	130	87	140	535	<2	380	<2	--	
MW-22	09/27/06	101.16	--	7.50	--	93.66	--	--	2,200	79	58	117	350	--	630	9	--	
MW-23	05/28/02	101.25	--	--	--	--	3,000	<250	27,000	990	3,100	1,900	7,800	<1	11	1	--	
MW-23	04/24/03	101.25	--	6.12	--	95.13	--	--	--	--	--	--	--	--	--	--	--	
MW-23	05/08/03	101.25	--	--	--	--	380	<100	40,000	670	1,700	1,600	6,300	<200	9	<4	2	Interferent with MTBE, conc. of MTBE unknown
MW-23	05/08/03	101.25	--	--	--	--	<270	<440	42,000	790	1,800	1,600	6,700	<100	--	--	4	Kane split sample
MW-23	03/29/04	101.25	--	6.16	--	95.09	--	--	--	--	--	--	--	--	--	--	--	
MW-23	10/19/04	101.25	--	6.80	--	94.45	--	--	26,000	860	1,400	1,500	5,200	<1	12	3	--	Analytical sample collected by Kane 10/19/2004
MW-23	09/23/05	101.25	--	7.14	--	94.11	--	--	--	--	--	--	--	--	--	--	--	
MW-23	10/14/05	101.25	--	--	--	--	--	--	29,000	850	1,100	1,400	5,660	<200	<100	<200	--	
MW-23	09/28/06	101.25	--	7.20	--	94.05	--	--	29,000	940	1,900	1,700	6,200	--	<100	<100	--	
MW-24	01/24/00	101.29	--	--	--	--	--	--	--	1,300	7,800	1,050	8,500	--	18	1	--	
MW-24	05/28/02	101.29	--	--	--	--	--	--	--	1,000	7,000	1,700	7,900	--	18	<1	--	Diluted 20X due to high level of material
MW-24	04/24/03	101.29	--	6.01	--	95.28	--	--	--	--	--	--	--	--	--	--	--	
MW-24	05/08/03	101.29	--	--	--	--	460	<99	57,000	880	6,800	1,500	7,300	<5	15	<10	5	Diluted 20X due to high level of material
MW-24	03/29/04	101.29	--	6.11	--	95.18	--	--	--	--	--	--	--	--	--	--	--	
MW-24	10/19/04	101.29	--	6.56	--	94.73	--	--	36,000	1,200	8,800	2,100	9,600	<1	42	1	--	Analytical sample collected by Kane 10/19/2004
MW-24	09/23/05	101.29	--	7.07	--	94.22	--	--	--	--	--	--	--	--	--	--	--	
MW-24	10/14/05	101.29	--	--	--	--	--	--	46,000	900	5,400	1,800	9,300	<200	<100	<200	--	
MW-24	09/28/06	101.29	--	7.10	--	94.19	3,800	<250	49,000	1,200	6,100	2,100	8,700	--	--	--	--	The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.
MW-25	04/24/03	101.37	--	5.74	--	95.63	--	--	--	--	--	--	--	--	--	--	--	
MW-25	05/08/03	101.37	--	--	--	--	1,100	<100	40,000	610	2,300	1,300	5,900	<200	<2.0	<3.0	4	Diluted 10X; Interferent with MTBE, conc. of MTBE unknown
MW-25	03/29/04	101.37	--	5.84	--	95.53	--	--	--	--	--	--	--	--	--	--	--	

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results

Former Chevron Service Station No. 9-5439

3876 Bridge Way North

Seattle, Washington

WELL ID	DATE	TOC (ft.)	DTSPH (ft.)	DTW (ft.)	SPHT (ft.)	GWE (ft.)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	PCE (µg/L)	TCE (µg/L)	D. LEAD (µg/L)	Comments
MW-25	09/23/05	101.37	--	6.93	--	94.44	--	--	--	--	--	--	--	--	--	--	--	
MW-25	09/28/06	101.37	--	6.93	--	94.44	--	--	--	--	--	--	--	--	--	--	--	
MW-26	01/24/00	101.47	--	--	--	--	--	--	400,000	--	--	--	--	--	--	--	--	
MW-26	01/24/00	101.47	--	--	--	--	--	--	350,000	--	--	--	--	--	--	--	--	Duplicate sample
MW-26	04/24/03	101.47	--	6.08	--	95.39	--	--	--	--	--	--	--	--	--	--	--	
MW-26	05/08/03	101.47	--	--	--	--	4,900	<490	94,000	1,300	13,000	1,400	9,600	<5	32	<10	82	Dilution factor of 10/25/50 to bring target compounds into calibration range of system.
MW-26	03/29/04	101.47	--	6.20	--	95.27	--	--	--	--	--	--	--	--	--	--	--	
MW-26	10/15/04	101.47	--	6.88	--	94.59	<200	<500	60,000	1,900	22,000	2,600	15,000	<1	13	<1	--	Analytical sample collected by Kane 10/19/2004
MW-26	09/23/05	101.47	--	7.28	--	94.19	--	--	--	--	--	--	--	--	--	--	--	
MW-26	10/14/05	101.47	--	--	--	--	<1,300	310	110,000	1,700	19,000	2,800	18,500	<200	<100	<200	--	
MW-26	09/27/06	101.47	--	7.35	--	94.12	6,000	<250	110,000	2,000	19,000	3,100	17,000	--	<100	<100	--	The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.
MW-27	01/27/00	101.64	--	--	--	--	Product Identified by EPMI		--	--	--	--	--	--	--	--	--	
MW-27	05/01/02	101.64	--	--	--	--	Product Identified by Kane		--	--	--	--	--	--	--	--	--	
MW-27	04/27/03	101.64	5.89	6.66	0.77	95.60	Product samples collected by SAIC and Kane			--	--	--	--	--	--	--	--	
MW-27	01/14/04	101.64	--	--	--	--	Product samples collected by ENTRIX			--	--	--	--	--	--	--	--	
MW-27	03/29/04	101.64	5.94	6.68	0.74	95.55	--	--	--	--	--	--	--	--	--	--	--	
MW-27	10/20/04	101.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-27	09/23/05	101.64	7.12	8.00	0.88	94.34	--	--	--	--	--	--	--	--	--	--	--	
MW-27	10/14/05	101.64	--	--	--	--	5,400,000	1,700,000	72,000	660	2,400	2,100	14,000	<200	<100	<200	--	
MW-27	09/28/06	101.64	7.34	7.55	0.21	94.26	39,000	20,000	48,000	1,000	2,400	2,200	10,000	--	<5	<5	--	The pattern of peaks present is not solely indicative of diesel. The results for diesel were caused by an overlap from gasoline and motor oil range hydrocarbons.
MW-28	01/22/00	101.53	--	--	--	--	--	--	--	49	18	ND	77	--	28	ND	--	
MW-28	05/28/02	101.53	--	--	--	--	140	<250	210	6	<1	8	14	--	57	<1	--	
MW-28	04/24/03	101.53	--	6.58	--	94.95	--	--	--	--	--	--	--	--	--	--	--	
MW-28	05/08/03	101.53	--	--	--	--	<81	<100	<50	<0.5	<0.5	<0.5	<1.5	<2.5	91	< 1.0	< 1.2	
MW-28	05/08/03	101.53	--	--	--	--	<280	<440	420	6	<1.0	4	32	--	--	--	<1.0	Kane split sample
MW-28	03/29/04	101.53	--	6.73	--	94.80	--	--	--	--	--	--	--	--	--	--	--	
MW-29	01/22/00	101.28	--	--	--	--	--	--	--	1,800	13,000	1,500	18,000	--	ND	ND	--	
MW-29	05/01/02	101.28	--	--	--	--	Product identified by Kane		--	--	--	--	--	--	--	--	--	
MW-29	04/24/03	101.28	6.35	7.81	1.46	94.64	Product samples collected by SAIC and Kane			--	--	--			--	--	--	
MW-29	01/14/04	101.28	--	--	--	--	Product samples collected by ENTRIX			--	--	--	--	--	--	--	--	
MW-29	03/29/04	101.28	6.56	7.45	0.89	94.54	--	--	--	--	--	--	--	--	--	--	--	
MW-29	09/26/05	101.28	7.31	8.10	0.79	93.81	--	--	--	--	--	--	--	--	--	--	--	
MW-29	10/12/05	101.28	--	--	--	--	29,000	22,000	110,000	870	7,400	3,400	18,000	--	--	--	--	
MW-29	9/28-10/2/06	101.28	--	7.50	--	93.78	38,000	12,000	92,000	1,100	5,600	3,600	19,000	--	--	--	--	
MW-30	05/28/02	101.58	--	--	--	--	6,100	<250	21,000	140	5,100	1,200	7,400	<1	<1	<1	--	Diluted 10X due to high levels of material
MW-30	04/24/03	101.58	4.78	4.80	0.02	96.80	Product sample collected by SAIC			--	--	--	--	--	--	--	--	
MW-30	01/14/04	101.58	--	--	--	--	Product sample collected by ENTRIX			--	--	--	--	--	--	--	--	
MW-30	03/29/04	101.58	4.86	4.94	0.08	96.70	--	--	--	--	--	--	--	--	--	--	--	
MW-30	10/19/04	101.58	--	5.32	--	96.26	--	--	9,200	29	960	240	1,300	--	--	--	--	Analytical sample collected by Kane 10/19/2004
MW-30	09/23/05	101.58	5.79	6.22	0.43	95.70	--	--	--	--	--	--	--	--	--	--	--	
MW-30	10/13/05	101.58	--	--	--	--	--	--	24,000	<50	2,000	610	3,000	--	--	--	--	
MW-30	09/27/06	101.58	5.80	6.00	0.20	95.74	--	--	--	--	--	--	--	--	--	--	--	
MW-31	05/08/03	101.68	--	9.00	--	92.68	860	<100	16,000	210	1,200	240	1,500	<50	<0.8	<1.0	4	Interferent caused conc. of MTBE to be unknown
MW-31	03/29/04	101.68	--	4.87	--	96.81	--	--	--	--	--	--	--	--	--	--	--	
MW-31	09/23/05	101.68	--	5.91	--	95.77	--	--	--	--	--	--	--	--	--	--	--	
MW-31	10/13/05	101.68	--	--	--	--	--	--	12,000	160	610	<20	1,900	--	--	--	--	
MW-31	09/27/06	101.68	--	5.90	--	95.78	--	--	--	--	--	--	--	--	--	--	--	
MW-32	04/24/03	101.45	--	4.30	--	97.15	--	--	--	--	--	--	--	--	--	--	--	
MW-32	05/08/03	101.45	--	--	--	--	200	<100	16,000	260	1,100	470	2,100	<1	<2	<2	<1.2	
MW-32	03/29/04	101.45	--	4.81	--	96.64	--	--	--	--	--	--	--	--	--	--	--	

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results
Former Chevron Service Station No. 9-5439
3876 Bridge Way North
Seattle, Washington

WELL ID	DATE	TOC (ft.)	DTSPH (ft.)	DTW (ft.)	SPHT (ft.)	GWE (ft.)	TPH-D (µg/L)	TPH-O (µg/L)	TPH-G (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	PCE (µg/L)	TCE (µg/L)	D. LEAD (µg/L)	Comments
MW-32	09/23/05	101.45	--	5.87	--	95.58	--	--	--	--	--	--	--	--	--	--	--	
MW-32	09/27/06	101.45	--	5.80	--	95.65	--	--	--	--	--	--	--	--	--	--	--	
MW-33	01/21/00	101.56	--	--	--	--	--	--	54,000	880	3,400	ND	12,000	--	ND	ND	--	
MW-33	05/03/02	101.56	--	--	--	--	5,800	<250	44,000	720	3,900	1,300	6,600	--	--	--	--	
MW-33	04/25/03	101.56	--	4.96	--	96.60	970	<110	38,000	500	2,900	890	6,300	<100	<4.0	<5.0	5	
MW-33	03/29/04	101.56	--	4.29	--	97.27	--	--	--	--	--	--	--	--	--	--	--	
MW-33	09/23/05	101.56	--	5.50	--	96.06	--	--	--	--	--	--	--	--	--	--	--	
MW-33	09/27/06	101.56	--	5.30	--	96.26	--	--	--	--	--	--	--	--	--	--	--	
MW-34	01/21/00	101.63	--	--	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	
MW-34	05/03/02	101.63	--	--	--	--	270	<250	410	9	2	1	5	--	--	--	--	
MW-34	04/25/03	101.63	--	5.56	--	96.07	380	<110	900	260	5	19	26	<10	<0.8	<1.0	<1.2	
MW-34	03/29/04	101.63	--	4.24	--	97.39	--	--	--	--	--	--	--	--	--	--	--	
MW-34	10/15/04	101.63	--	5.05	--	96.58	<200	<500	410	<1	2	9	6	--	--	--	--	Analytical sample collected by Kane 10/15/2004
MW-34	09/27/06	101.63	--	5.30	--	96.33	--	--	--	--	--	--	--	--	--	--	--	
MW-35	01/21/00	101.63	--	--	--	--	--	--	63,000	1,300	4,500	2,000	10,000	--	--	--	--	
MW-35	05/16/02	101.63	--	--	--	--	3,200	<250	42,000	3,200	19,000	3,300	14,400	--	<100	<100	--	
MW-35	04/24/03	101.63	--	3.51	--	98.12	--	--	--	--	--	--	--	--	--	--	--	
MW-35	05/08/03	101.63	--	--	--	--	490	<100	54,000	1,000	6,600	1,300	6,500	<3	<4	<5	101	
MW-35	05/08/03	101.63	--	--	--	--	<260	<420	75,000	1,500	9,100	2,000	9,300	<100	--	--	120	Kane split sample
MW-35	03/29/04	101.63	--	5.55	--	96.08	--	--	--	--	--	--	--	--	--	--	--	
MW-35	09/23/05	101.63	--	6.29	--	95.34	--	--	--	--	--	--	--	--	--	--	--	
MW-35	09/27/06	101.63	--	6.30	--	95.33	--	--	--	--	--	--	--	--	--	--	--	
MW-36	04/24/03	101.39	--	4.38	--	97.01	--	--	--	--	--	--	--	--	--	--	--	
MW-36	05/08/03	101.39	--	--	--	--	250	<94	6,300	120	110	130	720	<0.5	<0.8	<1.0	<1.2	
MW-36	09/27/06	101.39	--	5.90	--	95.49	--	--	--	--	--	--	--	--	--	--	--	
MW-37	01/22/00	101.39	--	--	--	--	--	--	--	1,030	4,100	620	9,000	--	ND	ND	--	
MW-37	05/28/02	101.39	--	--	--	--	530	<250	9,900	270	1,200	550	3,040	--	<1	<1	--	
MW-37	04/24/03	101.39	--	2.69	--	98.70	--	--	--	--	--	--	--	--	--	--	--	
MW-37	05/08/03	101.39	--	--	--	--	600	ND	44,000	670	2,600	1,500	7,000	<100	ND	ND	3	
MW-37	05/08/03	101.39	--	--	--	--	<280	<450	48,000	810	2,900	1,600	7,800	<100	--	--	4	Kane split sample
MW-37	03/29/04	101.39	--	5.10	--	96.29	--	--	--	--	--	--	--	--	--	--	--	
MW-37	10/19/04	101.39	--	5.60	--	95.79	--	--	15,000	280	900	1,000	4,100	--	--	--	--	Analytical sample collected by Kane 10/19/2004
MW-37	09/23/05	101.39	6.40	6.41	0.01	94.99	--	--	--	--	--	--	--	--	--	--	--	
MW-37	10/12/05	101.39	--	--	--	--	--	--	30,000	450	780	1,300	4,800	--	--	--	--	
MW-37	09/28/06	101.39	--	6.40	--	94.99	--	--	21,000	450	890	1,100	4,400	--	--	--	--	
MW-38	01/27/00	101.52	--	--	--	--	Product identified by EPMI			--	--	--	--	--	--	--	--	
MW-38	05/01/02	101.52	--	--	--	--	Product identified by Kane			--	--	--	--	--	--	--	--	
MW-38	04/24/03	101.52	4.78	6.31	1.53	96.43	Product samples collected by SAIC and Kane			--	--	--	--	--	--	--	--	
MW-38	01/14/04	101.52	--	--	--	--	Product sample collected by ENTRIX			--	--	--	--	--	--	--	--	
MW-38	03/29/04	101.52	4.96	6.18	1.22	96.32	--	--	--	--	--	--	--	--	--	--	--	
MW-38	09/23/05	101.52	7.81	6.09	1.72	96.81	--	--	--	--	--	--	--	--	--	--	--	
MW-38	10/12/05	101.52	--	--	--	--	--	--	20,000	190	1,900	540	2,600	--	--	--	--	
MW-38	09/28/06	101.52	6.10	7.50	1.40	95.14	--	--	98,000	1,600	15,000	4,300	20,000	--	--	--	--	
MW-39	05/02/02	101.81	--	--	--	--	3,100	<250	54,000	1,200	4,900	1,200	5,800	--	--	--	--	
MW-39	04/25/03	101.81	--	4.90	--	96.91	1,000	130	54,000	2,100	7,100	1,700	7,400	<130	<8.0	<10	10	
MW-39	03/29/04	101.81	5.02	5.09	0.07	96.78	--	--	--	--	--	--	--	--	--	--	--	
MW-39	04/13/04	101.81	--	--	--	--	Product identified by SAIC and ENTRIX			--	--	--	--	--	--	--	--	
MW-39	10/15/04	101.81	--	5.85	--	95.96	<200	<500	76,000	2,900	13,000	2,200	10,000	--	--	--	--	Analytical sample collected by Kane 10/15/2004
MW-39	09/23/05	101.81	6.22	6.32	0.10	95.57	--	--	--	--	--	--	--	--	--	--	--	
MW-39	10/12/05	101.81	--	--	--	--	<2,500	19,000	66,000	1,800	6,500	1,700	7,700	--	--	--	--	
MW-39	09/28-10/2/06	101.81	--	6.10	--	95.71	2,800	<25	67,000	2,000	7,800	2,300	9,900	--	--	--	--	
MW-40	01/22/00	101.71	--	--	--	--	--	--	130,000	--	--	--	--	--	--	--	--	
MW-40	05/02/02	101.71	--	--	--	--	3,100	<250	54,000	260	3,100	1,500	8,800	--	--	--	--	
MW-40	04/25/03	101.71	--	4.48	--	97.23	940	120	72,000	510	6,400	2,000	14,000	<250	<8.0	<10	16	
MW-40	01/14/04	101.71	--	--	--	--	--	--	--	990	12,000	3,300	21,700	--	--	--	--	

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results

Former Chevron Service Station No. 9-5439
3876 Bridge Way North
Seattle, Washington

WELL ID	DATE	TOC	DTSPH	DTW	SPHT	GWE	TPH-D	TPH-O	TPH-G	B	T	E	X	MTBE	PCE	TCE	D. LEAD	Comments
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
MW-40	04/24/03	101.71	--	4.48	--	97.23	Product sample collected by SAIC			--	--	--	--	--	--	--	--	
MW-40	03/29/04	101.71	4.56	4.71	0.15	97.12	--	--	--	--	--	--	--	--	--	--	--	
MW-40	04/13/04	101.71	--	--	--	--	Product sample collected by ENTRIX			--	--	--	--	--	--	--	--	
MW-40	10/15/04	101.71	--	5.72	--	95.99	<200	<500	51,000	790	5,400	1,800	14,000	--	--	--	--	Analytical sample collected by Kane 10/15/2004
MW-40	09/23/05	101.71	5.88	6.10	0.22	95.79	--	--	--	--	--	--	--	--	--	--	--	
MW-40	10/12/05	101.71	--	--	--	--	1,000,000	540,000	91,000	930	6,800	2,000	16,000	--	--	--	--	
MW-40	09/28-10/2/06	101.71	5.58	6.10	0.52	96.03	190,000	43,000	97,000	1,900	7,500	2,700	20,000	--	--	--	--	
MW-41	01/22/00	101.57	--	--	--	--	--	--	34,000	340	1,400	540	6,000	--	--	--	--	
MW-41	05/16/02	101.57	--	--	--	--	7,300	ND	34,000	530	2,400	2,400	7,800	--	ND	ND	--	
MW-41	04/24/03	101.57	--	7.00	--	94.57	--	--	--	--	--	--	--	--	--	--	--	
MW-41	05/08/03	101.57	--	--	--	--	1,500	<190	39,000	310	1,200	1,600	4,400	<1	<2.0	<2.0	10	
MW-41	05/08/03	101.57	--	--	--	--	2,500	290	43,000	370	1,900	1,700	5,400	<100	ND	ND	11	Duplicate sample
MW-41	05/08/03	101.57	--	--	--	--	<270	<430	49,000	440	1,900	2,000	6,100	<100	--	--	13	Kane split sample
MW-41	03/29/04	101.57	--	7.10	--	94.47	--	--	--	--	--	--	--	--	--	--	--	
MW-41	09/27/06	101.57	--	7.60	--	93.97	--	--	--	--	--	--	--	--	--	--	--	
MW-42	01/21/00	101.57	--	--	--	--	--	--	58,000	1,100	9,400	700	9,700	--	--	--	--	
MW-42	05/01/02	101.57	--	--	--	--	Product identified by Kane		--	--	--	--	--	--	--	--	--	
MW-42	04/24/03	101.57	--	3.73	--	97.84	--	--	--	--	--	--	--	--	--	--	--	
MW-42	05/08/03	101.57	--	--	--	--	1,600	170	120,000	1,400	15,000	2,100	13,000	<10	<16	<20	31	
MW-42	05/08/03	101.57	--	--	--	--	<260	<410	110,000	1,600	13,000	1,900	11,100	<100	--	--	33	Kane split sample
MW-42	03/29/04	101.57	--	5.35	--	96.22	--	--	--	--	--	--	--	--	--	--	--	
MW-42	10/19/04	101.57	--	5.68	--	95.89	--	--	23,000	560	5,900	900	5,300	--	--	--	--	Analytical sample collected by Kane 10/19/2004
MW-42	10/13/05	101.57	--	--	--	--	--	--	25,000	250	2,200	480	2,500	--	--	--	--	
MW-42	09/27/06	101.57	--	6.30	--	95.27	--	--	--	--	--	--	--	--	--	--	--	
SG-Geo-1	01/02/04	101.78	--	--	--	--	14	1	61,000	1,300	5,000	2,900	13,900	ND	<50	<50	--	
SG-Geo-1	03/29/04	101.78	--	4.67	--	97.11	--	--	--	--	--	--	--	--	--	--	--	
SG-Geo-2	01/02/04	101.73	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	
SG-Geo-2	03/29/04	101.73	--	4.10	--	97.63	--	--	--	--	--	--	--	--	--	--	--	
SG-Geo-3	01/02/04	101.76	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	
SG-Geo-3	03/29/04	101.76	--	4.65	--	97.11	--	--	--	--	--	--	--	--	--	--	--	
SG-Geo-3	10/14/05	101.76	--	--	--	--	--	--	<50	<1	<1	<1	<3	--	--	--	--	
SG-Geo-4	01/02/04	101.70	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	
SG-Geo-4	03/29/04	101.70	--	5.03	--	96.67	--	--	--	--	--	--	--	--	--	--	--	
SG-Geo-4	10/14/05	101.70	--	--	--	--	--	--	<50	<1	<1	<1	<3	--	--	--	--	
SG-Geo-5	01/02/04	101.69	--	--	--	--	ND	ND	3,300	4	360	140	620	ND	ND	ND	--	
SG-Geo-5	03/29/04	101.69	--	4.93	--	96.76	--	--	--	--	--	--	--	--	--	--	--	
SG-Geo-6	01/05/04	101.72	--	--	--	--	1	ND	100	ND	ND	ND	ND	ND	ND	ND	--	
SG-Geo-6	03/29/04	101.72	--	5.82		95.90	--	--	--	--	--	--	--	--	--	--	--	
SG-Geo-6	10/14/05	101.72	--	--	--	--	--	--	< 50	<1	<1	<1	<3	--	--	--	--	
SG-Geo-8	01/05/04	102.03	--	--	--	--	ND	ND	15,000	220	640	690	3,010	ND	ND	ND	--	
SG-Geo-8	03/29/04	102.03	--	6.80	--	95.23	--	--	--	--	--	--	--	--	--	--	--	
SG-Geo-8	09/23/05	102.03	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	
SG-Geo-8	05/10/06	102.03	--	--	--	--	760	--	3,100	4	2	8	18	<1	3	<1	--	
SG-Geo-8	09/27/06	102.03	--	8.15	--	93.88	--	--	--	--	--	--	--	--	--	--	--	
Campbell																		
VP-4	12/02/03	95.17	--	--	--	--	420	<220	18,000	210	610	510	1,580	<0.5	<0.8	<1.0	--	
VP-4	03/29/04	95.17	--	1.56	--	93.61	--	--	--	--	--	--	--	--	--	--	--	
VP-4	09/23/05	95.17	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-4	09/28/06	95.17	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-5	12/02/03	95.17	--	--	--	--	140	<110	700	43	44	32	66	<0.5	<0.8	<1.0	--	
VP-5	03/29/04	95.17	--	1.36	--	93.81	--	--	--	--	--	--	--	--	--	--	--	
VP-5	05/10/06	95.17	--	--	--	--	--	--	--	<1	<1	<1	<2	<1	--	<1	--	
VP-5	09/28/06	95.17	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results
Former Chevron Service Station No. 9-5439
3876 Bridge Way North
Seattle, Washington

WELL ID	DATE	TOC	DTSPH	DTW	SPHT	GWE	TPH-D	TPH-O	TPH-G	B	T	E	X	MTBE	PCE	TCE	D, LEAD	Comments
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
VP-7	12/02/03	95.26	--	--	--	--	1,500	310	74,000	57	4,700	1,600	10,300	<5	<8	<10	--	
VP-7	12/02/03	95.26	--	--	--	--	1,100	210	79,000	50	4,400	1,600	10,000	<5	<8	<10	--	Duplicate sample
VP-7	03/29/04	95.26	--	1.23	--	94.03	--	--	--	--	--	--	--	--	--	--	--	
VP-7	09/23/05	95.26	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-7	07/28/06	95.26	--	--	--	--	Product sample collected by SAIC			--	--	--	--	--	--	--		
VP-7	09/28/06	95.27	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-11	12/04/03	--	--	--	--	--	370	<98	5,600	4	400	280	870	<0.5	<0.8	<1.0	--	
VP-11	03/29/04	--	--	3.22	--	--	--	--	--	--	--	--	--	--	--	--	--	
VP-11	09/28/06	--	--	Dry	--	--	--	--	--	--	--	--	--	--	--	--	--	
Grab Groundwater Samples																		
Davis Court																		
ENT-GP-1	03/27/04	--	--	--	--	--	<385	<769	<50	<1.0	3	<1.0	<1.0	--	--	--	--	Grab groundwater sample
ENT-GP-1	03/27/04	--	--	--	--	--	<800	<1,000	<50	<0.5	1	<0.5	<0.5	<0.5	<0.8	<1.0	--	SAIC split sample
ENT-GP-2	03/27/04	--	--	--	--	--	<250	<500	<50	<1.0	<1.0	<1.0	<1.0	--	--	--	--	Grab groundwater sample
ENT-GP-2	03/27/04	--	--	--	--	--	<800	<1,000	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--	SAIC split sample
ENT-GP-3	03/27/04	--	--	--	--	--	35,700	<14,300	119,000	1,000	17,000	3,500	17,900	--	--	--	--	Grab groundwater sample
ENT-GP-3	03/27/04	--	--	--	--	--	9,000	1,200	150,000	800	17,000	3,800	16,500	<10	<16	<20	--	SAIC split sample; dilution factor of 20
ENT-GP-5	03/27/04	--	--	--	--	--	575	<769	214	<1.0	3	<1.0	5	--	--	--	--	Grab groundwater sample
ENT-GP-5	03/27/04	--	--	--	--	--	150	<100	300	<0.5	1	1	3	<0.5	<0.8	<1	--	SAIC split sample
DB-11	10/19/04	--	--	--	--	--	ND	ND	ND	ND	1	ND	ND	--	--	--	--	Grab groundwater sample
Union View																		
DMB-1	08/20/99	--	--	--	--	--	--	--	1,300	160	41	110	95	--	ND	ND	--	Grab groundwater sample
DMB-2	08/20/99	--	--	--	--	--	ND	ND	120,000	--	--	--	--	--	--	--	--	Grab groundwater sample
DMB-2	08/20/99	--	--	--	--	--	--	--	--	120	22	71	84	--	ND	ND	--	Duplicate sample
DMB-3	08/20/99	--	--	--	--	--	ND	ND	--	18	ND	ND	ND	--	260	16	--	Grab groundwater sample
DMB-4	08/20/99	--	--	--	--	--	ND	ND	49,000	--	--	--	--	--	--	--	--	Grab groundwater sample
DMB-5	08/20/99	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	Grab groundwater sample
DMB-5	08/20/99	--	--	--	--	--	ND	ND	ND	--	--	--	--	--	--	--	--	
DMB-6	08/20/99	--	--	--	--	--	ND	ND	37,000	480	6,400	2,500	4,400	--	ND	ND	--	Grab groundwater sample
DMB-7	08/20/99	--	--	--	--	--	ND	ND	35,000	2,500	7,100	2,700	7,000	--	ND	ND	--	Grab groundwater sample
DMB-8	08/20/99	--	--	--	--	--	ND	ND	6,100	480	400	480	450	--	ND	ND	--	Grab groundwater sample
DMB-9	08/20/99	--	--	--	--	--	ND	ND	20,000	560	700	1,500	3,400	--	ND	ND	--	Grab groundwater sample
DMB-10	08/20/99	--	--	--	--	--	--	--	--	1,000	9,000	2,400	6,700	--	ND	ND	--	Grab groundwater sample
DMB-10	08/20/99	--	--	--	--	--	--	--	--	1,000	8,600	2,900	6,800	--	ND	ND	--	Duplicate sample
DMB-11	08/20/99	--	--	--	--	--	ND	ND	--	--	--	--	--	--	--	--	--	Grab groundwater sample
DMB-12	08/20/99	--	--	--	--	--	ND	ND	--	--	--	--	--	--	--	--	--	Grab groundwater sample
DMB-13	08/20/99	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	--	Grab groundwater sample
TP-1	11/14/99	--	--	--	--	--	--	--	<250	<1	<1	<1	<3	--	--	--	--	Grab groundwater sample
TP-2	11/14/99	--	--	--	--	--	--	--	550,000	17,000	6,900	20,000	69,000	--	<0.1	<0.2	--	Grab groundwater sample
B-1	03/18/02	--	--	--	--	--	<50	<100	<50	ND	ND	ND	ND	ND	ND	ND	--	Grab groundwater sample
B-3	03/18/02	--	--	--	--	--	100	ND	<50	<1	<1	<1	<1	<1	<1	<1	--	Grab groundwater sample
B-6	03/18/02	--	--	--	--	--	--	--	<50	<1	<1	<1	<1	<1	--	--	--	Grab groundwater sample
B-8	03/18/02	--	--	--	--	--	--	--	<50	<1	<1	<1	<1	<1	<1	<1	--	Grab groundwater sample
B-10	03/18/02	--	--	--	--	--	--	--	<50	<1	<1	<1	<1	<1	<1	<1	--	Grab groundwater sample
B-11	03/18/02	--	--	--	--	--	--	--	<50	<1	<1	<1	<1	<1	--	--	--	Grab groundwater sample
B-13	03/18/02	--	--	--	--	--	--	--	<50	<1	1	<1	<1	<1	--	--	--	Grab groundwater sample
B-14	03/18/02	--	--	--	--	--	--	--	<50	<1	<1	<1	<1	<1	--	--	--	Grab groundwater sample
Campbell																		
VP-1	12/03/03	96.25	--	--	--	--	<85	<110	<50	4	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--	Temporary groundwater monitoring well
VP-2	12/03/03	96.83	--	--	--	--	160	<120	<50	1	<0.5	<0.5	<0.5	<0.5	2	<1.0	--	Temporary groundwater monitoring well
VP-3	12/03/03	96.65	--	--	--	--	480	280	70	3	<0.50	<0.50	<0.50	<0.50	100	22	--	Temporary groundwater monitoring well
VP-6	12/01/03	--	--	--	--	--	<36,000	<120,000	58,000	10	1,200	1,400	8,100	<3.0	<4.0	<5.0	--	Temporary groundwater monitoring well

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results

Former Chevron Service Station No. 9-5439

3876 Bridge Way North

Seattle, Washington

WELL ID	DATE	TOC	DTSPH	DTW	SPHT	GWE	TPH-D	TPH-O	TPH-G	B	T	E	X	MTBE	PCE	TCE	D. LEAD	Comments
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
VP-8	12/02/03	--	--	--	--	--	260	<100	3,700	210	180	180	341	<0.5	420	21	--	Temporary groundwater monitoring well
VP-9	12/04/03	95.41	--	--	--	--	170	<100	500	110	8	21	24	<0.5	56	55	--	Temporary groundwater monitoring well
VP-10	12/03/03	95.45	--	--	--	--	<91.0	<110	<50.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--	Temporary groundwater monitoring well
VP-10	03/29/04	95.45	--	1.80	--	93.65	--	--	--	--	--	--	--	--	--	--	--	
VP-13	12/03/03	--	--	--	--	--	320	120	3,000	12	53	130	176	<0.5	<0.8	<1.0	--	Temporary groundwater monitoring well
VP-14	12/03/03	--	--	--	--	--	350	<98	34,000	460	2,400	1,100	4,700	<3.0	6	<5.0	--	Temporary groundwater monitoring well
Quality Assurance Samples																		
Trip Blank	02/13/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trip Blank	02/17/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trip Blank	04/25/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--	
Trip Blank	05/05/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	<0.8	<1.0	--	
Trip Blank	05/08/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--	
Trip Blank	05/08/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--	
Trip Blank	05/08/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<1.5	<2.5	--	--	--	
Trip Blank	12/01/03	--	--	--	--	--	--	--	<50	<0.5	<0.7	<0.8	<0.8	<0.5	<0.8	<1.0	--	
Trip Blank	12/02/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--	
Trip Blank	12/03/03	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--	
Trip Blank	12/04/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trip Blank	03/13/04	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trip Blank	03/24/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--	
Trip Blank	03/27/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1	--	
Trip Blank	03/28/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--	
Trip Blank	03/29/04	--	--	--	--	--	--	--	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.8	<1.0	--	
Trip Blank	04/21/04	--	--	--	--	--	--	--	--	<0.5	3	1	6	<0.5	<0.8	<1.0	--	
Trip Blank	10/19/04	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Trip Blank	10/23/04	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Equipment Blank	05/08/03	--	--	--	--	--	<250	<400	<100	<1.0	<1.0	<1.0	<1.0	<10	ND	ND	<1.0	
Equipment Blank	12/03/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Equipment Blank	12/03/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Equipment Blank	03/14/04	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Equipment Blank	03/29/04	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Field Blank	05/08/03	--	--	--	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
							TPH-D	TPH-O	TPH-G	B	T	E	X	MTBE	PCE	TCE	D. LEAD	
				MTCA Method A Cleanup Levels:			500	500	800	5	1,000	700	1,000	20	5	5	15	
				Current Method:			NWTPH-D Extended		NWTPH-G				EPA 8021 or 8260				EPA 7421	

EXPLANATIONS:

TOC = Top of Casing
(ft.) = Feet
DTSPH/W = Depth to Separate Phase Hydrocarbons or Water
SPHT = Separated Phase Hydrocarbons Thickness
GWE = Groundwater Elevation
TPH-D = Total Petroleum Hydrocarbons as Diesel analyzed by NWTPH-D extended with silica gel cleanup
TPH-O = Total Petroleum Hydrocarbons as Oil analyzed by NWTPH-D extended with silica gel cleanup
TPH-G = Total Petroleum Hydrocarbons as Gasoline analyzed by NWTPH-G
B = Benzene analyzed by EPA Method 8021 or 8260B
T = Toluene analyzed by EPA Method 8021 or 8260B
E = Ethylbenzene analyzed by EPA Method 8021 or 8260B
X = Xylenes analyzed by EPA Method 8021 or 8260B
MTBE = Methyl tertiary butyl ether analyzed by EPA Method 8021 or 8260B
PCE = Tetrachloroethylene analyzed by EPA Method 8260B
TCE = Trichloroethylene analyzed by EPA Method 8260B
D. LEAD = Dissolved Lead analyzed by EPA Method 7421
TOC elevation measured relative to a local site datum.
Groundwater elevation calculated using: TOC elevation – depth to groundwater (except for cases with SPH, see below)
Groundwater elevations for wells containing SPH calculated using: TOC elevation – depth to groundwater + (SPH thickness * 0.8)
EPA Method 8260B MTBE results are presented for samples collected by SAIC in May 2003.

(µg/L) = micrograms per liter
-- = Not Measured or Not Analyzed
<X = Not Detected, number represents laboratory reporting limit
J = Estimated result between the method detection limit and the laboratory reporting limit
E = Concentration exceeds the instrument calibration range
QA = Quality Assurance/Trip Blank
MTCA = Model Toxics Control Act Cleanup Regulations [WAC 173-340-720(2)(a)(I), as amended 02/01].
EPA = U.S. Environmental Protection Agency

Table 3

Historical Groundwater Monitoring Data and Hydrocarbon Constituent Results

Former Chevron Service Station No. 9-5439

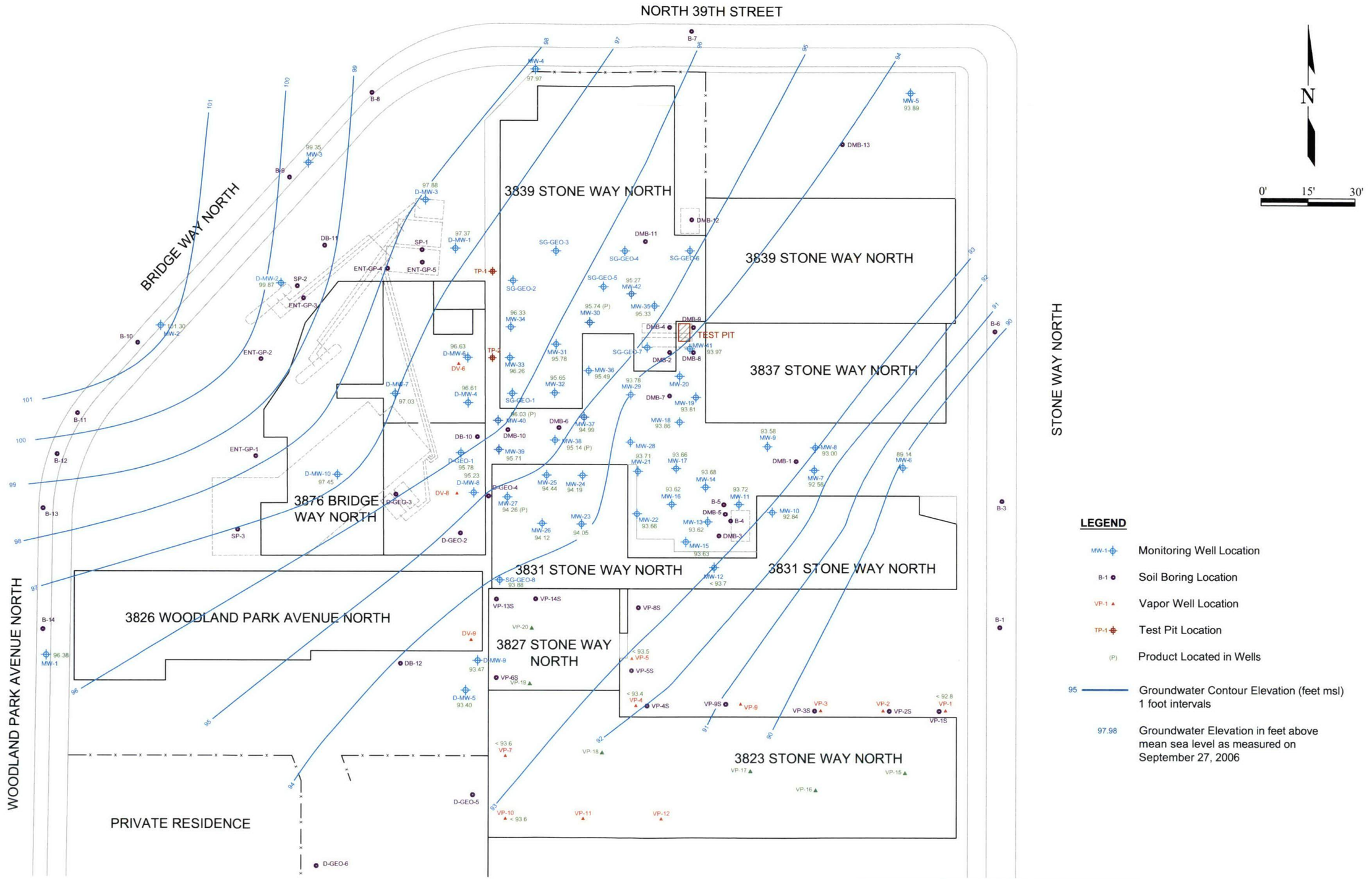
3876 Bridge Way North

Seattle, Washington

WELL ID	DATE	TOC	DTSPH	DTW	SPHT	GWE	TPH-D	TPH-O	TPH-G	B	T	E	X	MTBE	PCE	TCE	D. LEAD	Comments
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	

Nondetectable results without detection limits listed were collected from tables in consultant reports.

FIGURES



SAIC From Science to Solutions

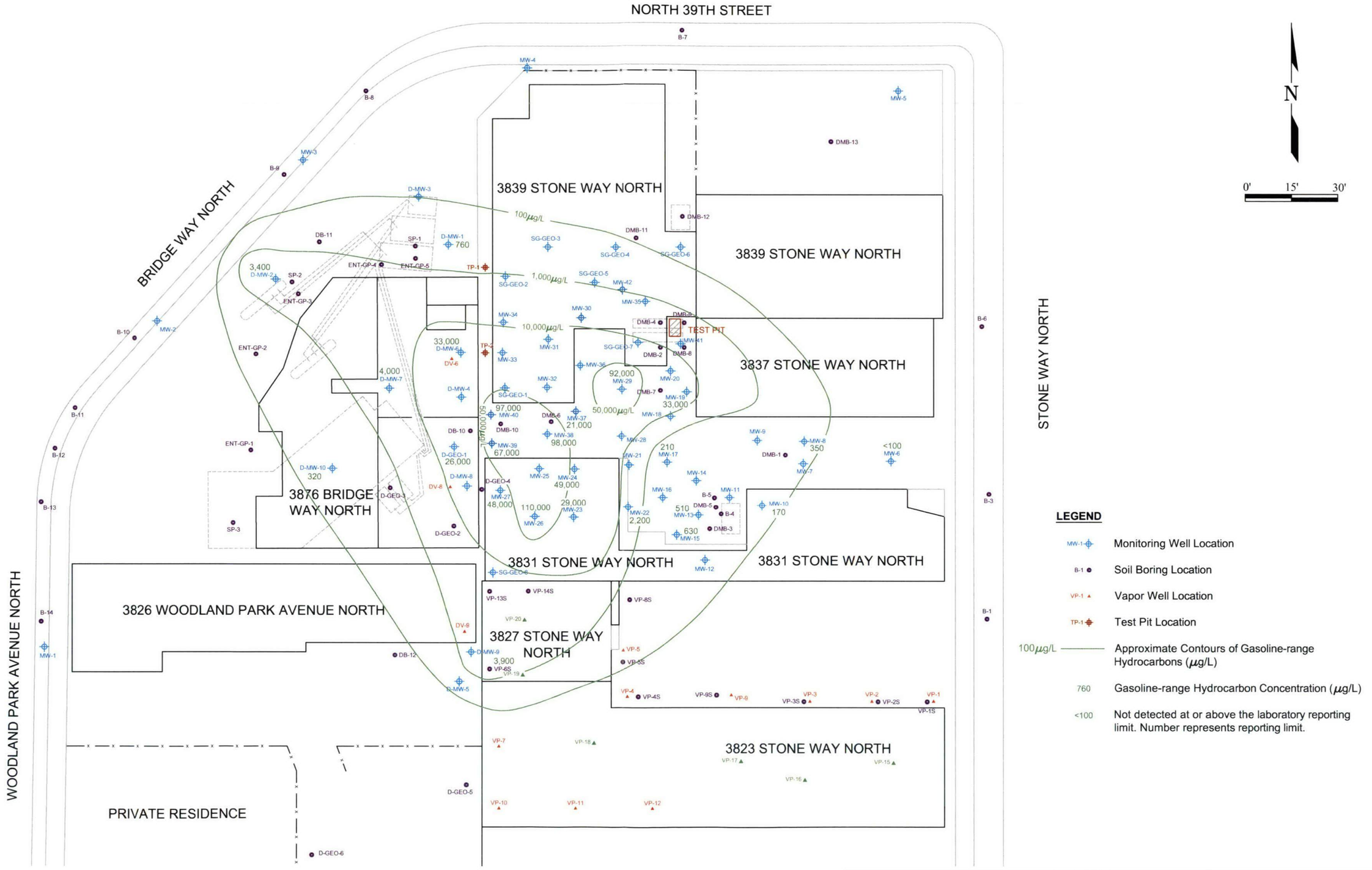
Chevron

FORMER CHEVRON SERVICE STATION
NO. 9-5439
3876 BRIDGE WAY NORTH
SEATTLE, WASHINGTON

FIGURE 1
GROUNDWATER ELEVATION CONTOUR MAP SEPTEMBER 27, 2006

FILE NAME: 95439SiteMap.dwg

DATE: 10/18/2007



SAIC From Science to Solutions

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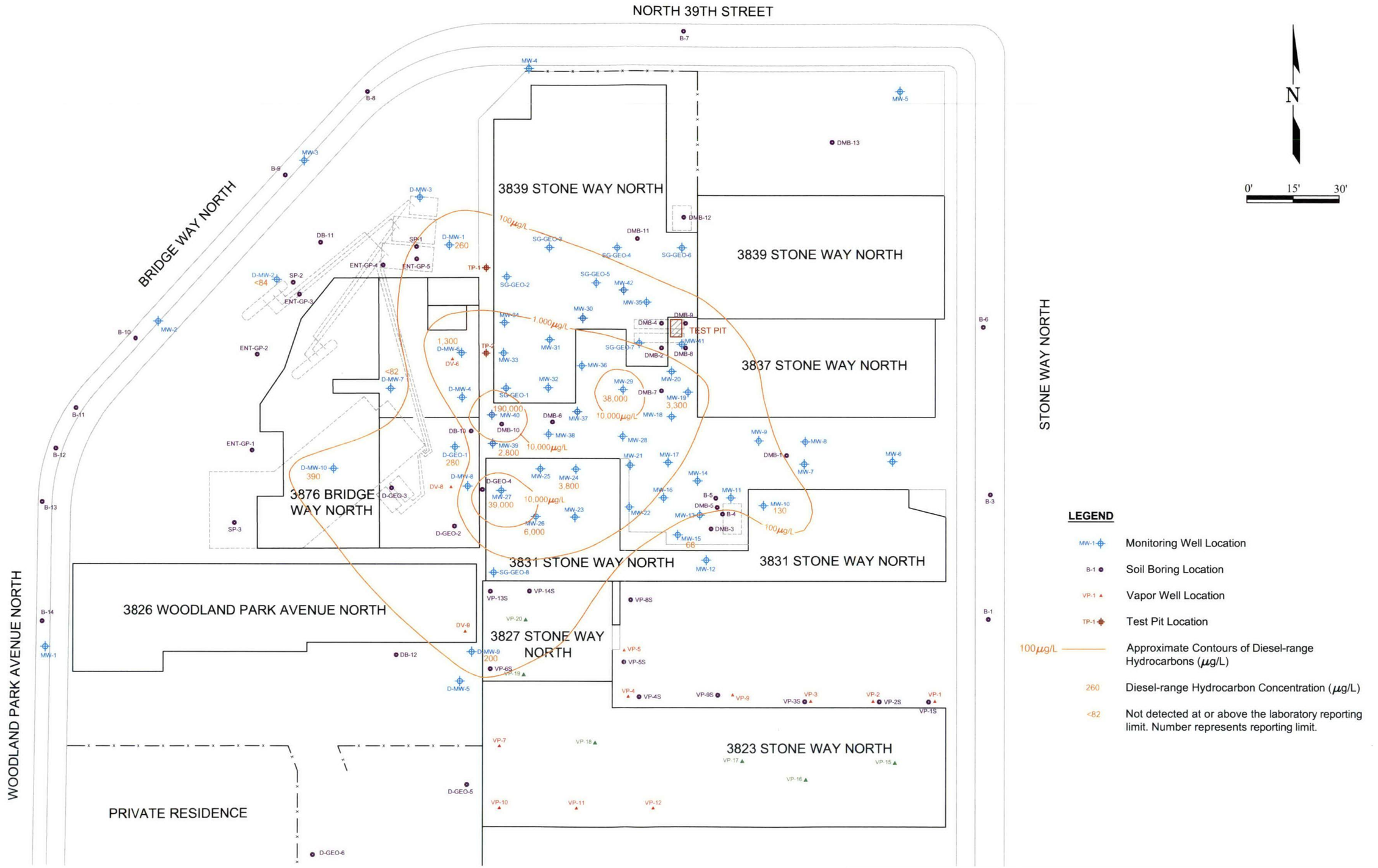
FORMER CHEVRON SERVICE STATION
NO. 9-5439
3876 BRIDGE WAY NORTH
SEATTLE, WASHINGTON

FIGURE 2
GASOLINE-RANGE HYDROCARBON CONCENTRATIONS IN GROUNDWATER - SEPTEMBER 2006

FILE NAME: 95439SiteMap.dwg

DATE: 10/19/2007



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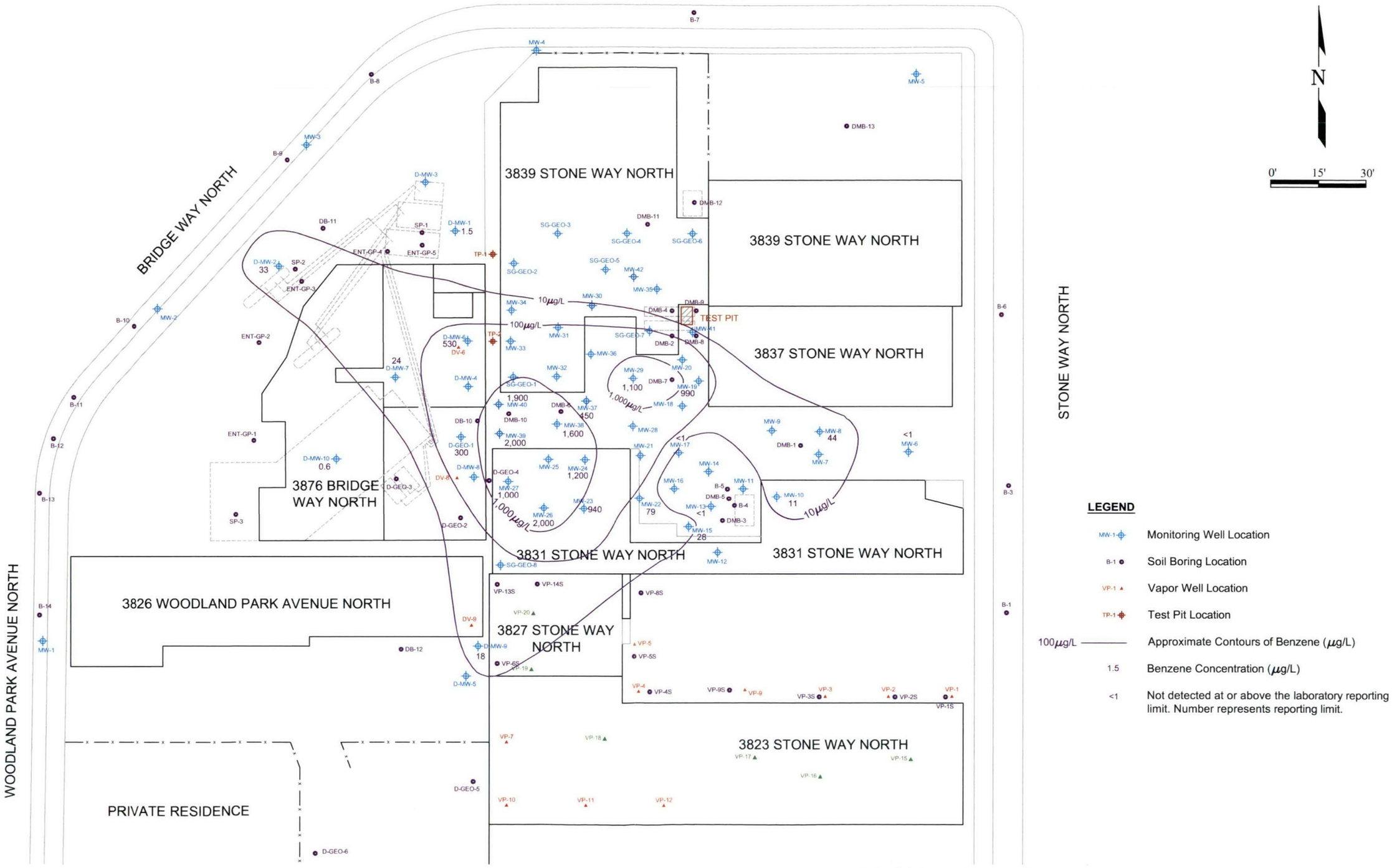
FORMER CHEVRON SERVICE STATION
NO. 9-5439
3876 BRIDGE WAY NORTH
SEATTLE, WASHINGTON

FIGURE 3
DIESEL-RANGE HYDROCARBON CONCENTRATIONS IN GROUNDWATER - SEPTEMBER 2006

FILE NAME: 95439SiteMap.dwg

DATE: 10/20/2007



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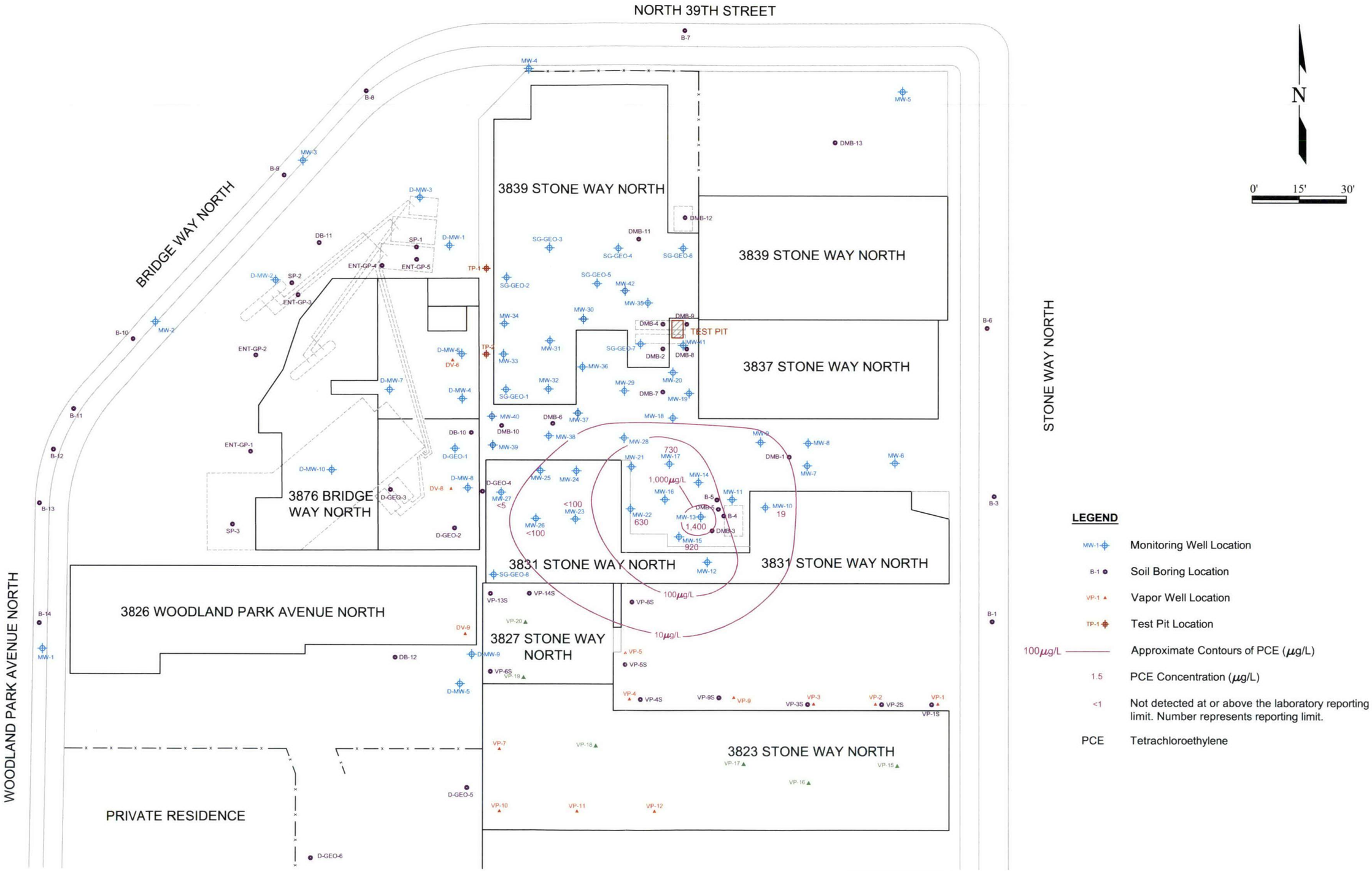
NO. 9-5439
3876 BRIDGE WAY NORTH
SEATTLE, WASHINGTON

FIGURE 4
BENZENE CONCENTRATIONS IN GROUNDWATER -SEPTEMBER 2006

FILE NAME: 95439SiteMap.dwg

DATE: 10/19/2007



SAIC From Science to Solutions

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FORMER CHEVRON SERVICE STATION
NO. 9-5439
3876 BRIDGE WAY NORTH
SEATTLE, WASHINGTON

FIGURE 5
PCE CONCENTRATIONS IN GROUNDWATER -SEPTEMBER 2006

FILE NAME: 95439SiteMap.dwg

DATE: 10/19/2007

APPENDIX A

GROUNDWATER SAMPLING FIELD SHEETS
(DAVISCOURT WELLS ONLY)

GROUNDWATER SAMPLE COLLECTION DATA FORM*

SAMPLE ID NO.: D-GEO-1 **WELL NUMBER:** D-GEO-1

DATE/TIME: ~~9/28/06~~ 9/28/06 1054 **WEATHER:** Sunny

ANALYSIS: TPH-Gx, TPH-Dx BTEX (8021)

TOC: 109.76

WELL PURGING DATA

Initial depth to water: 13.99 Depth of well: 16.5

Screened Interval: __ Volume of water in well: _____

Method of purging: -LOW FLOW Purge Rate: _____

Method of decontaminating: Liquinox Solution wash-tap rinse-ASTM Type II rinse-isopropanol rinse

WATER QUALITY OBSERVATIONS DURING PURGING

Date/Time	Volume Purged	Depth to Water	Temp (°C)	pH	EC (mS)	D.O. (mg/L)	Redox (mVolts)	Turbidity (NTU)

Well went dry allowed 15 mins to recharge

Alisa Wells

Comments: located under shelf (Kansas), purged dry will wait to recharge

SAMPLE CONTAINER DATA:

Type	Pres.	Volume	No. Required	No. Filled
VOA	HCl	40ml	3	3
Amber	HCl	1L	1	1

SAMPLE METHOD: Pump Bailer Other _____

FILTERED? Yes (No)

Sample Entered on C.O.C.? [X]

SAMPLE PRESERVATION METHOD: __x_ Iced____ Other (describe): _____

Signature: Alisa Wells Date/Time: 9/28 1115

*SAMPLE FORM: Forms used in the field may vary. All pertinent information will be the same. Additional information or format may change to fit usage.

GROUNDWATER SAMPLE COLLECTION DATA FORM*

SAMPLE ID NO.: D-MW-7 **WELL NUMBER:** D-MW-7

DATE/TIME: 9/28/06 **WEATHER:** Sunny

ANALYSIS: TPH-Gx, TPH-Dx BTEX (8021)

WELL PURGING DATA TOC: 109.73

Initial depth to water: 12.70 Depth of well: 20

Screened Interval: __ Volume of water in well: _____

Method of purging: -LOW FLOW Purge Rate: _____

Method of decontaminating: Liquinox Solution wash-tap rinse-ASTM Type II rinse-isopropanol rinse

WATER QUALITY OBSERVATIONS DURING PURGING

Date/Time	Volume Purged	Depth to Water	Temp (°C)	pH	EC (mS)	D.O. (mg/L)	Redox (mVolts)	Turbidity (NTU)
9/28 1128	1L	12.70	16.5	8.08	.356	1.30	—	25
1131	1.25L	13.46	16.6	8.15	.341	1.36	—	9
1134	1.5L	14.40	16.8	8.17	.335	.58	—	1
1137		14.40	16.9	8.18	.333	.60	—	2
1140	2.0	14.62	16.9	8.16	.332	.53	—	2
1143		14.85		8.17	.332	.60	—	3
1146		15.00	16.8	8.16	.331	.60	—	4

Alisa Wells

Comments: Turbidity not stable

SAMPLE CONTAINER DATA:

Type	Pres.	Volume	No. Required	No. Filled
Amber	HCl	2L	3	3
VOA	HCl	40mL	12	

SAMPLE METHOD: Pump Bailer Other _____

FILTERED? Yes No

Sample Entered on C.O.C.? ☒

SAMPLE PRESERVATION METHOD: __x_ Iced____ Other (describe): _____

Signature: Alisa Wells Date/Time: 9/28 1155

*SAMPLE FORM: Forms used in the field may vary. All pertinent information will be the same. Additional information or format may change to fit usage.

GROUNDWATER SAMPLE COLLECTION DATA FORM*

SAMPLE ID NO.: D-MW-6 **WELL NUMBER:** D-MW-6

DATE/TIME: 9/28/06 **WEATHER:** Sunny

ANALYSIS: TPH-Dx, TPH-Gx BTEX (8021)

TOC: 109.57

WELL PURGING DATA

Initial depth to water: _____ Depth of well: 18

Screened Interval: __ Volume of water in well: _____

Method of purging: -LOW FLOW Purge Rate: _____

Method of decontaminating: Liquinox Solution wash-tap rinse-ASTM Type II rinse-isopropanol rinse

WATER QUALITY OBSERVATIONS DURING PURGING

Date/Time	Volume Purged	Depth to Water 13.09 3rd	Temp (°C)	pH	EC (mS)	D.O. (mg/L)	Redox (mVolts)	Turbidity (NTU)
1212	1L	~~13.60~~	16.2	6.63	.751	1.51	–	997
1215	1.10	13.14	16.3	6.62	.743	1.28	–	643
1218	1.25L	13.42	16.2	6.63	.733	1.22	–	461
1221	1.30	13.76	16.3	6.60	.721	1.32	–	341
1224	1.5	14.14	16.3	6.60	.709	1.13	–	310
1227	1.75	–	16.3	6.62	.708	.91	–	246
1230	1.85	–	16.3	6.63	.709	.71	–	236
1233	2.0	–	16.3	6.62	.711	.68	–	238

9/28/06

Comments: Sample was really silty

SAMPLE CONTAINER DATA:

Type	Pres.	Volume	No. Required	No. Filled
Amber	HCl	1L	3	3
VOA	HCl	40mL	1-2	2

SAMPLE METHOD: Pump Bailer Other _____

FILTERED? Yes (No)

Sample Entered on C.O.C.? ☒

SAMPLE PRESERVATION METHOD: __x_ Iced____ Other (describe): _____

Signature: _____ Date/Time: 1235 9/28/06

*SAMPLE FORM: Forms used in the field may vary. All pertinent information will be the same. Additional information or format may change to fit usage.

GROUNDWATER SAMPLE COLLECTION DATA FORM*

SAMPLE ID NO.: D-MW-2 **WELL NUMBER:** D-MW-2

DATE/TIME: 9/28/06 **WEATHER:** Sunny ~70°

ANALYSIS: TPH-D, TPH-G, BTEX (8021)

WELL PURGING DATA TOC: 109.17

Initial depth to water: _____ Depth of well: 20

Screened Interval: __ Volume of water in well: _____

Method of purging: -LOW FLOW Purge Rate: _____

Method of decontaminating: Liquinox Solution wash-tap rinse-ASTM Type II rinse-isopropanol rinse

WATER QUALITY OBSERVATIONS DURING PURGING

Date/Time	Volume Purged	Depth to Water	Temp (°C)	pH	EC (mS)	D.O. (mg/L)	Redox (mVolts)	Turbidity (NTU)
1344	1L	9.65	16.0	8.01	.335	.57	-	528
1347	1.25	9.80	17.6	8.05	.335	.39	-	442
1350	1.40	9.94	17.6	7.99	.334	.46	-	118
1354	1.60	10.19	17.9	7.76	.331	.44	-	58
1357	1.80	10.30	18.0	7.61	.330	.47	-	27
1400	2.00	10.39	18.2	7.50	.330	.48	-	14

Comments: _____

SAMPLE CONTAINER DATA:

Type	Pres.	Volume	No. Required	No. Filled
Amber	HCl	1L	1-3	3
VOA	HCl	40mL	3	3

SAMPLE METHOD: ~~Pump Bailer Other~~ low flow

FILTERED? Yes No

Sample Entered on C.O.C.? X

SAMPLE PRESERVATION METHOD: __x_ Iced____ Other (describe): _____

Signature: Alisa Wells Date/Time: 9/28/06 1405

*SAMPLE FORM: Forms used in the field may vary. All pertinent information will be the same. Additional information or format may change to fit usage.

GROUNDWATER SAMPLE COLLECTION DATA FORM*

SAMPLE ID NO.: D-MW-9 WELL NUMBER: D-MW-9

DATE/TIME: 9/29/06 WEATHER: Sunny ~65°

ANALYSIS: TPH-Gx, TPH-Dx BTEX (8021)

TOC: 106.94

WELL PURGING DATA

Initial depth to water: 13.47 Depth of well: 20

Screened Interval: __ Volume of water in well: _____

Method of purging: -LOW FLOW Purge Rate: _____

Method of decontaminating: Liquinox Solution wash-tap rinse-ASTM Type II rinse-isopropanol rinse

WATER QUALITY OBSERVATIONS DURING PURGING

Date/Time	Volume Purged	Depth to Water	Temp (°C)	pH	EC (mS)	D.O. (mg/L)	Redox (mVolts)	Turbidity (NTU)
0942	1L	13.74	17.8	6.90	.323	.30	-	8
0945	1.25L	13.82	18.0	6.93	.323	.34	-	3
0948	1.50L	13.88	18.0	6.93	.324	.22	-	3
0951	1.75L	13.91	18.1	6.91	.324	.18	-	3
0954								

Comments: _____

SAMPLE CONTAINER DATA:

Type	Pres.	Volume	No. Required	No. Filled
Amber	HCl	1L	3	3
VOA	HCl	40mL	1	1

SAMPLE METHOD: Pump ~~Bailer~~ ~~Other~~ Low flow

FILTERED? Yes No

Sample Entered on C.O.C.? ☐

SAMPLE PRESERVATION METHOD: __x_ Iced____ Other (describe): _____

Signature: _____ Date/Time: 9/29/06 1000

*SAMPLE FORM: Forms used in the field may vary. All pertinent information will be the same. Additional information or format may change to fit usage.

GROUNDWATER SAMPLE COLLECTION DATA FORM*

SAMPLE ID NO.: D-MW-1 WELL NUMBER: D-MW-1

DATE/TIME: _____ WEATHER: Clear, sunny ~ 60°

ANALYSIS: TPH-Gx, TPH-Dx BTEX (8021)

TOC: 109.69

WELL PURGING DATA

Initial depth to water: 12.32 Depth of well: 20

Screened Interval: __ Volume of water in well: _____

Method of purging: -LOW FLOW Purge Rate: _____

Method of decontaminating: Liquinox Solution wash-tap rinse-ASTM Type II rinse-isopropanol rinse

WATER QUALITY OBSERVATIONS DURING PURGING

Date/Time	Volume Purged	Depth to Water	Temp (°C)	pH	EC (mS)	D.O. (mg/L)	Redox (mVolts)	Turbidity (NTU)
0905	1L	12.47	15.7	6.83	.635	.20	—	999
0908	1.25	12.64	15.7	6.77	.626	.24	—	740
0911	1.40L	12.84	15.7	6.73	.615	.23	—	320
0914	1.75L	12.98	15.7	6.72	.612	.27	—	148
0917	2.0L	13.10	15.6	6.71	.609	.20	—	94

9/29/06

Comments: _____

SAMPLE CONTAINER DATA:

Type	Pres.	Volume	No. Required	No. Filled
Amber	HCl	1L	3	3
VOA	HCl	40mL	1	1

SAMPLE METHOD: ~~Pump~~ ~~Bailer~~ Other low flow

FILTERED? Yes No

Sample Entered on C.O.C.? ☐

SAMPLE PRESERVATION METHOD: __x_ Iced____ Other (describe): _____

Signature: _____ Date/Time: 9/29/06 0930

*SAMPLE FORM: Forms used in the field may vary. All pertinent information will be the same. Additional information or format may change to fit usage.

GROUNDWATER SAMPLE COLLECTION DATA FORM*

SAMPLE ID NO.: D-MW-10 **WELL NUMBER:** D-MW-10

DATE/TIME: ____________ **WEATHER:** ____________

ANALYSIS: TPH-Gx, TPH-Dx BTEX (8021)

WELL PURGING DATA

Initial depth to water: 12.72 Depth of well: 14.9

Screened Interval: __ Volume of water in well: ______

Method of purging: -LOW FLOW Purge Rate: ______

Method of decontaminating: Liquinox Solution wash-tap rinse-ASTM Type II rinse-isopropanol rinse

WATER QUALITY OBSERVATIONS DURING PURGING

Date/Time	Volume Purged	Depth to Water	Temp (°C)	pH	EC (mS)	D.O. (mg/L)	Redox (mVolts)	Turbidity (NTU)
			Dry	purged				
							Alisa Wells	

Comments: ____________

SAMPLE CONTAINER DATA:

Type	Pres.	Volume	No. Required	No. Filled

SAMPLE METHOD: Pump Bailer Other ______

FILTERED? Yes No

Sample Entered on C.O.C.? ☐

SAMPLE PRESERVATION METHOD: _x_ Iced____ Other (describe): ____________

Signature: ____________ Date/Time: ____________

*SAMPLE FORM: Forms used in the field may vary. All pertinent information will be the same. Additional information or format may change to fit usage.

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1007793. Samples arrived at the laboratory on Friday, September 29, 2006. The PO# for this group is 0015007062 and the release number is HUNTER.

Client Description	Lancaster Labs Number
D-GEO-1 Grab Water Sample	4878362
D-MW-7 Grab Water Sample	4878363
QA-1 Water Sample	4878364
D-MW-6 Grab Water Sample	4878365
D-MW-2 Grab Water Sample	4878366

ELECTRONIC COPY TO	SAIC	Attn: Tom Dube
ELECTRONIC COPY TO	SAIC	Attn: Tina King

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Analysis Report

Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Elizabeth A. Smith
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4878362

D-GEO-1 Grab Water Sample
Facility# 95439
3876 Bridge Way North - Seattle, WA
Collected:09/28/2006 11:15 by JW

Account Number: 11255

Submitted: 09/29/2006 09:25
Reported: 10/11/2006 at 15:22
Discard: 11/11/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BWN01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	280.	85.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	110.	ug/l	1
05879	BTEX					
02161	Benzene	71-43-2	300.	5.0	ug/l	10
02164	Toluene	108-88-3	1,400.	5.0	ug/l	10
02166	Ethylbenzene	100-41-4	930.	5.0	ug/l	10
02171	Total Xylenes	1330-20-7	3,800.	15.	ug/l	10
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	26,000.	480.	ug/l	10

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/05/2006 10:15	Matthew E Barton	1
05879	BTEX	SW-846 8021B	1	10/04/2006 01:52	Steven A Skiles	10
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/04/2006 01:52	Steven A Skiles	10
01146	GC VOA Water Prep	SW-846 5030B	1	10/04/2006 01:52	Steven A Skiles	10
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/03/2006 14:45	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4878363

D-MW-7 Grab Water Sample
Facility# 95439
3876 Bridge Way North - Seattle, WA
Collected:09/28/2006 11:55 by JW

Account Number: 11255

Submitted: 09/29/2006 09:25
Reported: 10/11/2006 at 15:22
Discard: 11/11/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BWN07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	N.D.	82.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	100.	ug/l	1
05879	BTEX					
02161	Benzene	71-43-2	24.	0.5	ug/l	1
02164	Toluene	108-88-3	280.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	130.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	640.	1.5	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	4,000.	48.	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/05/2006 10:35	Matthew E Barton	1
05879	BTEX	SW-846 8021B	1	10/02/2006 17:06	Steven A Skiles	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/02/2006 17:06	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/02/2006 17:06	Steven A Skiles	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/03/2006 14:45	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4878364

QA-1 Water Sample
Facility# 95439
3876 Bridge Way North - Seattle, WA
Collected:09/28/2006 08:00

Account Number: 11255

Submitted: 09/29/2006 09:25
Reported: 10/11/2006 at 15:22
Discard: 11/11/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BWNQA

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05879	BTEX					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05879	BTEX	SW-846 8021B	1	10/02/2006 15:29	Steven A Skiles	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/02/2006 15:29	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/02/2006 15:29	Steven A Skiles	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4878365

D-MW-6 Grab Water Sample
Facility# 95439
3876 Bridge Way North - Seattle, WA
Collected:09/28/2006 12:35 by JW

Account Number: 11255

Submitted: 09/29/2006 09:25
Reported: 10/11/2006 at 15:22
Discard: 11/11/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BWN06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	1,300.	170.	ug/l	2
02096	Heavy Range Organics	n.a.	N.D.	210.	ug/l	2
05879	BTEX					
02161	Benzene	71-43-2	530.	10.	ug/l	20
02164	Toluene	108-88-3	840.	10.	ug/l	20
02166	Ethylbenzene	100-41-4	880.	10.	ug/l	20
02171	Total Xylenes	1330-20-7	6,600.	30.	ug/l	20
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	33,000.	960.	ug/l	20

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/05/2006 11:13	Matthew E Barton	2
05879	BTEX	SW-846 8021B	1	10/04/2006 02:25	Steven A Skiles	20
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/04/2006 02:25	Steven A Skiles	20
01146	GC VOA Water Prep	SW-846 5030B	1	10/04/2006 02:25	Steven A Skiles	20
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/03/2006 14:45	Jason A Heisey	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4878366

D-MW-2 Grab Water Sample
Facility# 95439
3876 Bridge Way North - Seattle, WA
Collected:09/28/2006 14:05 by JW

Account Number: 11255

Submitted: 09/29/2006 09:25
Reported: 10/11/2006 at 15:22
Discard: 11/11/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

BWN02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	N.D.	84.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	110.	ug/l	1
05879	BTEX					
02161	Benzene	71-43-2	33.	0.5	ug/l	1
02164	Toluene	108-88-3	180.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	130.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	420.	1.5	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	3,400.	48.	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/05/2006 10:54	Matthew E Barton	1
05879	BTEX	SW-846 8021B	1	10/02/2006 18:11	Steven A Skiles	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/02/2006 18:11	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/02/2006 18:11	Steven A Skiles	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/03/2006 14:45	Jason A Heisey	1

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Analysis Report

Quality Control Summary

Client Name: Chevron
Group Number: 1007793
Reported: 10/11/06 at 03:22 PM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 06274A07C	Sample number(s): 4878363-4878364,4878366							
TPH by NWTPH-Gx waters	N.D.	48.	ug/l	90	93	70-130	3	30
Benzene	N.D.	0.5	ug/l	96	95	86-119	2	30
Toluene	N.D.	0.5	ug/l	95	93	82-119	2	30
Ethylbenzene	N.D.	0.5	ug/l	99	96	81-119	3	30
Total Xylenes	N.D.	1.5	ug/l	97	95	82-120	2	30
Batch number: 062760004A	Sample number(s): 4878362-4878363,4878365-4878366							
Diesel Range Organics	N.D.	0.080	mg/l	84		51-113		
Heavy Range Organics	N.D.	0.10	mg/l					
Batch number: 06277A07	Sample number(s): 4878362,4878365							
TPH by NWTPH-Gx waters	N.D.	48.	ug/l	86	88	70-130	2	30
Benzene	N.D.	0.5	ug/l	94	92	86-119	2	30
Toluene	N.D.	0.5	ug/l	91	89	82-119	2	30
Ethylbenzene	N.D.	0.5	ug/l	92	90	81-119	2	30
Total Xylenes	N.D.	1.5	ug/l	92	89	82-120	3	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06274A07C	Sample number(s): 4878363-4878364,4878366 UNSPK: P877300, P877914								
TPH by NWTPH-Gx waters	84		63-154						
Benzene	115		78-131						
Toluene	101		78-129						
Ethylbenzene	104		75-133						
Total Xylenes	108		84-131						
Batch number: 062760004A	Sample number(s): 4878362-4878363,4878365-4878366 BKG: P878987								
Diesel Range Organics						28.	28.	0 (1)	20
Heavy Range Organics						160.	180.	11 (1)	20
Batch number: 06277A07	Sample number(s): 4878362,4878365 UNSPK: P878434, P878436								
TPH by NWTPH-Gx waters	85	90	63-154	7	30				
Benzene	82	82	78-131	0	20				
Toluene	89	87	78-129	2	30				
Ethylbenzene	91	87	75-133	3	30				
Total Xylenes	92	89	84-131	3	30				

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron Group Number: 1007793
Reported: 10/11/06 at 03:22 PM

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: BTEX
Batch number: 06274A07C

	Trifluorotoluene-P	Trifluorotoluene-F
4878363	121	119
4878364	109	96
4878366	116	119
Blank	108	96
LCS	110	104
LCSD	108	104
MS	110	100
Limits:	69-129	63-135

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel
Batch number: 062760004A

	Orthoterphenyl
4878362	111
4878363	106
4878365	105
4878366	99
Blank	103
DUP	152*
LCS	120
Limits:	50-150

Analysis Name: BTEX
Batch number: 06277A07

	Trifluorotoluene-P	Trifluorotoluene-F
4878362	117	114
4878365	112	101
Blank	110	92
LCS	110	98
LCSD	109	99
MS	110	102
MSD	110	98
Limits:	69-129	63-135

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Chevron Northwest Region Analysis Request/Chain of Custody

222815

Lancaster Laboratories
Where quality is a science.

Acct. #: 11255 For Lancaster Laboratories use only Sample #: 4878362-66 SCR#: 30920

G# 1007793

WBS # NWRTB-095439-0-DML

Facility #: 9-5439
Site Address: 3876 Bridge Way North, Seattle WA
Chevron PM: Brett Hunter Lead Consultant: SAIC
Consultant/Office: Bothell, WA
Consultant Prj. Mgr.: Tom Dubé
Consultant Phone #: 425-482-3325 Fax #: 425-485-5546
Sampler: J. Wartes / A. Wells
Service Order #: 1500 1353 ☐ Non SAR:

Sample Identification / Sample Location	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Water	Oil	Total Number of Containers	Preservation Codes: HCl	Analyses Requested: 8021 MTBE ☒ 8260 ☐ Naphth ☐	8260 full scan	Oxygenates	NW TPH G	NW TPH D	Lead Total	VPH/EPH	NWTPH H HCID
DGEO-1 / D-GEO-1	9/28/06	1115	X			X		4	X				X	X			
D-MW-7 / D-MW-7		1155	X			X		5	X				X	X			
QA-1 / QA-1		0800	✓			X		2	X				X				
DMW-6 / DMW-6		1235	X			X		5	X				X	X			
D-MW-2 / D-MW-2		1405	X			X		5	X				X	X			

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds

8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Comments / Remarks

Elisa Wells

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	9/28/06	13:10			
Elisa Wells	9/28/06	1515			
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:	9/29/06	0823

Temperature Upon Receipt 5.7 C°
Custody Seals Intact? Yes No

3468 Rev. 8/6/01

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 1007953. Samples arrived at the laboratory on Saturday, September 30, 2006. The PO# for this group is 0015007062 and the release number is HUNTER.

Client Description	Lancaster Labs Number
QA-1 Water Sample	4879372
D-MW-10 Grab Water Sample	4879373
D-MW-1 Grab Water Sample	4879374
D-MW-9 Grab Water Sample	4879375

ELECTRONIC COPY TO	SAIC	Attn: Tom Dube
ELECTRONIC COPY TO	SAIC	Attn: Tina King

Lancaster Laboratories

Analysis Report

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Questions? Contact your Client Services Representative
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

Elizabeth A. Smith
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4879372

QA-1 Water Sample
Facility# 95439
3876 Bridgeway N - Seattle, WA
Collected:09/29/2006

Account Number: 11255

Submitted: 09/30/2006 09:40
Reported: 10/12/2006 at 09:15
Discard: 11/12/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

QATB-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05879	BTEX					
02161	Benzene	71-43-2	N.D.	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	N.D.	48.	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
05879	BTEX	SW-846 8021B	1	10/05/2006 02:31	Steven A Skiles	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/05/2006 02:31	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/05/2006 02:31	Steven A Skiles	1

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4879373

D-MW-10 Grab Water Sample
Facility# 95439
3876 Bridgeway N - Seattle, WA
Collected:09/29/2006 08:30 by AW

Account Number: 11255

Submitted: 09/30/2006 09:40
Reported: 10/12/2006 at 09:15
Discard: 11/12/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DMW10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	390.	82.	ug/l	1
02096	Heavy Range Organics	n.a.	510.	100.	ug/l	1
05879	BTEX					
02161	Benzene	71-43-2	0.6	0.5	ug/l	1
02164	Toluene	108-88-3	0.8	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	0.9	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	4.7	1.5	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	320.	48.	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/05/2006 22:44	Matthew E Barton	1
05879	BTEX	SW-846 8021B	1	10/05/2006 03:04	Steven A Skiles	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/05/2006 03:04	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/05/2006 03:04	Steven A Skiles	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/04/2006 18:30	Elaine F Stoltzfus	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4879373

D-MW-10 Grab Water Sample
Facility# 95439
3876 Bridgeway N - Seattle, WA
Collected:09/29/2006 08:30 by AW

Account Number: 11255

Submitted: 09/30/2006 09:40
Reported: 10/12/2006 at 09:15
Discard: 11/12/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DMW10

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. WW 4879374

D-MW-1 Grab Water Sample
Facility# 95439
3876 Bridgeway N - Seattle, WA
Collected:09/29/2006 09:30 by AW

Account Number: 11255

Submitted: 09/30/2006 09:40
Reported: 10/12/2006 at 09:15
Discard: 11/12/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DMW-1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	260.	82.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	100.	ug/l	1
05879	BTEX					
02161	Benzene	71-43-2	1.5	0.5	ug/l	1
02164	Toluene	108-88-3	N.D.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	N.D.	1.5	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	760.	48.	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/05/2006 23:23	Matthew E Barton	1
05879	BTEX	SW-846 8021B	1	10/05/2006 03:36	Steven A Skiles	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/05/2006 03:36	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/05/2006 03:36	Steven A Skiles	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/04/2006 18:30	Elaine F Stoltzfus	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4879374

D-MW-1 Grab Water Sample
Facility# 95439
3876 Bridgeway N - Seattle, WA
Collected:09/29/2006 09:30 by AW

Account Number: 11255

Submitted: 09/30/2006 09:40
Reported: 10/12/2006 at 09:15
Discard: 11/12/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DMW-1

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Analysis Report

Lancaster Laboratories Sample No. WW 4879375

D-MW-9 Grab Water Sample
Facility# 95439
3876 Bridgeway N - Seattle, WA
Collected:09/29/2006 10:00 by AW

Account Number: 11255

Submitted: 09/30/2006 09:40
Reported: 10/12/2006 at 09:15
Discard: 11/12/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DMW-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel					
02095	Diesel Range Organics	n.a.	200.	83.	ug/l	1
02096	Heavy Range Organics	n.a.	N.D.	100.	ug/l	1
05879	BTEX					
02161	Benzene	71-43-2	18.	0.5	ug/l	1
02164	Toluene	108-88-3	170.	0.5	ug/l	1
02166	Ethylbenzene	100-41-4	110.	0.5	ug/l	1
02171	Total Xylenes	1330-20-7	470.	1.5	ug/l	1
08274	TPH by NWTPH-Gx waters					
01648	TPH by NWTPH-Gx waters	n.a.	3,900.	48.	ug/l	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02211	TPH by NWTPH-Dx(water) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/05/2006 23:42	Matthew E Barton	1
05879	BTEX	SW-846 8021B	1	10/05/2006 04:09	Steven A Skiles	1
08274	TPH by NWTPH-Gx waters	ECY 97-602 NWTPH-Gx modified	1	10/05/2006 04:09	Steven A Skiles	1
01146	GC VOA Water Prep	SW-846 5030B	1	10/05/2006 04:09	Steven A Skiles	1
02135	Extraction - DRO Water Special	ECY 97-602 NWTPH-Dx 06/97	1	10/04/2006 18:30	Elaine F Stoltzfus	1

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Analysis Report

Lancaster Laboratories Sample No. WW 4879375

D-MW-9 Grab Water Sample
Facility# 95439
3876 Bridgeway N - Seattle, WA
Collected:09/29/2006 10:00 by AW

Account Number: 11255

Submitted: 09/30/2006 09:40
Reported: 10/12/2006 at 09:15
Discard: 11/12/2006

Chevron
6001 Bollinger Canyon Rd L4310
San Ramon CA 94583

DMW-9

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Chevron Group Number: 1007953
Reported: 10/12/06 at 09:15 AM

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 062770001A	Sample number(s): 4879373-4879375							
Diesel Range Organics	N.D.	0.080	mg/l	81	80	51-113	2	20
Heavy Range Organics	N.D.	0.10	mg/l					
Batch number: 06277C07A	Sample number(s): 4879372-4879375							
TPH by NWTPH-Gx waters	N.D.	48.	ug/l	98	79	70-130	21	30
Benzene	N.D.	0.5	ug/l	93	93	86-119	0	30
Toluene	N.D.	0.5	ug/l	90	90	82-119	0	30
Ethylbenzene	N.D.	0.5	ug/l	91	91	81-119	0	30
Total Xylenes	N.D.	1.5	ug/l	90	90	82-120	0	30

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 06277C07A	Sample number(s): 4879372-4879375 UNSPK: P879025, P879027								
TPH by NWTPH-Gx waters	82		63-154						
Benzene	95		78-131						
Toluene	99		78-129						
Ethylbenzene	106		75-133						
Total Xylenes	104		84-131						

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH by NWTPH-Dx(water) w/SiGel
Batch number: 062770001A

	Orthoterphenyl
4879373	104
4879374	111
4879375	105
Blank	107
LCS	118
LCSD	114
Limits:	50-150

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Quality Control Summary

Client Name: Chevron
Group Number: 1007953
Reported: 10/12/06 at 09:15 AM

Surrogate Quality Control

Analysis Name: BTEX
Batch number: 06277C07A

	Trifluorotoluene-P	Trifluorotoluene-F
4879372	107	93
4879373	109	94
4879374	111	96
4879375	128	135
Blank	110	95
LCS	108	101
LCSD	108	98
MS	108	97
Limits:	69-129	63-135

*- Outside of specification
(1) The result for one or both determinations was less than five times the LOQ.
(2) The background result was more than four times the spike added.

Chevron Northwest Region Analysis Request/Chain of Custody

Lancaster Laboratories
Where quality is a science.

For Lancaster Laboratories use only
Acct. #: 11255 Sample #: 467372-S SCR#: 1007953

220448

WSB# NWRTB-095439-0-OML

Facility #: 9-5439
Site Address: 3876 Bridgeway N Seattle, WA
Chevron PM: Brett Hunter Lead Consultant: SAIC
Consultant/Office: Bothell, WA
Consultant Prj. Mgr.: Tom Dube
Consultant Phone #: 425-482-3325 Fax #: 425-485-5566
Sampler: A. Wells / J. Wantes
Service Order #: 1500353 ☐ Non SAR:

Sample Identification	Sample Location	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Total Number of Containers	BTEX 8021	8260 full scan	Oxygenates	TPH G	TPH D	Lead Total	Diss.	Method	VPH/EPH	NWTPH H HCID	quantification
QA-1	QA-1	9/29/06	0800	X			X			2	X			X							
D-MW-10	D-MW-10		0830	X			X			4	X			X	X						
D-MW-1	D-MW-1		0930	X			X			4	X			X	X						
D-MW-9	D-MW-9		1000	X			X			4	X			X	X						

Matrix: Potable ☐ NPDES ☐

Analyses Requested
Preservation Codes: HCl HCl HCl

Preservative Codes
H = HCl T = Thiosulfate
N = HNO_3 B = NaOH
S = H_2SO_4 O = Other

☐ J value reporting needed
☐ Must meet lowest detection limits possible for 8260 compounds
8021 MTBE Confirmation
☐ Confirm MTBE + Naphthalene
☐ Confirm highest hit by 8260
☐ Confirm all hits by 8260
☐ Run ____ oxy s on highest hit
☐ Run ____ oxy s on all hits

Comments / Remarks

Turnaround Time Requested (TAT) (please circle)
STD. TAT 72 hour 48 hour
24 hour 4 day 5 day

Data Package Options (please circle if required)
QC Summary Type I - Full
Type VI (Raw Data) Disk / EDD
WIP (RWQCB) Standard Format
Disk _____ Other.

	Date	Time		Date	Time
Relinquished by: Alisa Wells	9/29/06		Received by:		
Relinquished by:			Received by:		
Relinquished by:			Received by:		
Relinquished by Commercial Carrier: UPS FedEx Other			Received by:		
Temperature Upon Receipt 3.2 C°			Custody Seals Intact? Yes No		

Lancaster Laboratories
Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< less than – The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

October 13, 2006

Lisa Meoli, Project Manager
Kane Environmental, Inc.
3831 Stone Way North
Seattle, WA 98103

Dear Ms. Meoli:

Included are the results from the testing of material submitted on September 27, 2006 from the Union View, F&BI 609278 project. There are 18 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
KEI1013R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/13/06
Date Received: 09/27/06
Project: Union View, F&BI 609278
Date Extracted: 10/02/06
Date Analyzed: 10/02/06 and 10/03/06

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
MW-15 609278-01	28	10	16	17	630	124
MW-22 d 609278-02	79	58	117	350	2,200	114
MW-17 609278-03	<1	<1	<1	<3	210	114
MW-6 609278-04	<1	<1	<1	<3	<100	109
MW-8 609278-05	44	5	26	3	350	114
MW-10 609278-06	11	1	2	<3	170	110
Method Blank	<1	<1	<1	<3	<100	113

d - The sample was diluted.

Date of Report: 10/13/06
Date Received: 09/27/06
Project: Union View, F&BI 609278
Date Extracted: 09/29/06
Date Analyzed: 10/03/06 and 10/04/06

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL USING METHOD NWTPH-Dx

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 51-132)
MW-15 609278-01	68 x	<250	96
MW-10 609278-06	130 x	<250	133
Method Blank	<50	<250	103

x - The pattern of peaks present is not indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-15	Client:	Kane Environmental, Inc.
Date Received:	09/27/06	Project:	Union View, F&BI 609278
Date Extracted:	10/02/06	Lab ID:	609278-01
Date Analyzed:	10/03/06	Data File:	100236.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	100	75	125
1,2-Dichloroethane-d4	114	67	133
Toluene-d8	103	79	129
4-Bromofluorobenzene	98	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	920 ve
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	13
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	11
1,1-Dichloroethene	<1	o-Xylene	1.5
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	3.9
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	7.7
cis-1,2-Dichloroethene	13	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	29	1,2,4-Trimethylbenzene	12
Trichloroethene	8.7	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	8.9	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	1.0
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Note: The reporting limit for vinyl chloride is equal to the MDL.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration is an estimate.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-15	Client:	Kane Environmental, Inc.
Date Received:	09/27/06	Project:	Union View, F&BI 609278
Date Extracted:	10/04/06	Lab ID:	609278-01 1/20
Date Analyzed:	10/04/06	Data File:	100417.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	103	75	125
1,2-Dichloroethane-d4	117	67	133
Toluene-d8	105	79	129
4-Bromofluorobenzene	103	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<20	Tetrachloroethene	760
Chloromethane	<20	Dibromochloromethane	<20
Vinyl chloride	<4.0	1,2-Dibromoethane (EDB)	<20
Bromomethane	<20	Chlorobenzene	<20
Chloroethane	<20	Ethylbenzene	<20
Trichlorofluoromethane	<20	1,1,1,2-Tetrachloroethane	<20
Acetone	<200	m,p-Xylene	<40
1,1-Dichloroethene	<20	o-Xylene	<20
Methylene chloride	<100	Styrene	<20
trans-1,2-Dichloroethene	<20	Isopropylbenzene	<20
1,1-Dichloroethane	<20	Bromoform	<20
2,2-Dichloropropane	<20	n-Propylbenzene	<20
cis-1,2-Dichloroethene	<20	Bromobenzene	<20
Chloroform	<20	1,3,5-Trimethylbenzene	<20
2-Butanone (MEK)	<200	1,1,2,2-Tetrachloroethane	<20
1,2-Dichloroethane (EDC)	<20	1,2,3-Trichloropropane	<20
1,1,1-Trichloroethane	<20	2-Chlorotoluene	<20
1,1-Dichloropropene	<20	4-Chlorotoluene	<20
Carbon Tetrachloride	<20	tert-Butylbenzene	<20
Benzene	26	1,2,4-Trimethylbenzene	<20
Trichloroethene	<20	sec-Butylbenzene	<20
1,2-Dichloropropane	<20	p-Isopropyltoluene	<20
Bromodichloromethane	<20	1,3-Dichlorobenzene	<20
Dibromomethane	<20	1,4-Dichlorobenzene	<20
4-Methyl-2-pentanone	<200	1,2-Dichlorobenzene	<20
cis-1,3-Dichloropropene	<20	1,2-Dibromo-3-chloropropane	<20
Toluene	<20	1,2,4-Trichlorobenzene	<20
trans-1,3-Dichloropropene	<20	Hexachlorobutadiene	<20
1,1,2-Trichloroethane	<20	Naphthalene	<20
2-Hexanone	<200	1,2,3-Trichlorobenzene	<20
1,3-Dichloropropane	<20		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-22	Client:	Kane Environmental, Inc.
Date Received:	09/27/06	Project:	Union View, F&BI 609278
Date Extracted:	10/02/06	Lab ID:	609278-02
Date Analyzed:	10/03/06	Data File:	100237.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	100	75	125
1,2-Dichloroethane-d4	114	67	133
Toluene-d8	103	79	129
4-Bromofluorobenzene	96	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	630 ve
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	100
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	320 ve
1,1-Dichloroethene	<1	o-Xylene	30
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	10
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	21
cis-1,2-Dichloroethene	3.0	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	16
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	80	1,2,4-Trimethylbenzene	130
Trichloroethene	8.7	sec-Butylbenzene	1.3
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	56	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	11
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Note: The reporting limit for vinyl chloride is equal to the MDL.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration is an estimate.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-22	Client:	Kane Environmental, Inc.
Date Received:	09/27/06	Project:	Union View, F&BI 609278
Date Extracted:	10/04/06	Lab ID:	609278-02 1/10
Date Analyzed:	10/04/06	Data File:	100418.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	104	75	125
1,2-Dichloroethane-d4	119	67	133
Toluene-d8	105	79	129
4-Bromofluorobenzene	100	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<10	Tetrachloroethene	500
Chloromethane	<10	Dibromochloromethane	<10
Vinyl chloride	<2	1,2-Dibromoethane (EDB)	<10
Bromomethane	<10	Chlorobenzene	<10
Chloroethane	<10	Ethylbenzene	94
Trichlorofluoromethane	<10	1,1,1,2-Tetrachloroethane	<10
Acetone	<100	m,p-Xylene	280
1,1-Dichloroethene	<10	o-Xylene	24
Methylene chloride	<50	Styrene	<10
trans-1,2-Dichloroethene	<10	Isopropylbenzene	<10
1,1-Dichloroethane	<10	Bromoform	<10
2,2-Dichloropropane	<10	n-Propylbenzene	19
cis-1,2-Dichloroethene	<10	Bromobenzene	<10
Chloroform	<10	1,3,5-Trimethylbenzene	13
2-Butanone (MEK)	<100	1,1,2,2-Tetrachloroethane	<10
1,2-Dichloroethane (EDC)	<10	1,2,3-Trichloropropane	<10
1,1,1-Trichloroethane	<10	2-Chlorotoluene	<10
1,1-Dichloropropene	<10	4-Chlorotoluene	<10
Carbon Tetrachloride	<10	tert-Butylbenzene	<10
Benzene	79	1,2,4-Trimethylbenzene	110
Trichloroethene	<10	sec-Butylbenzene	<10
1,2-Dichloropropane	<10	p-Isopropyltoluene	<10
Bromodichloromethane	<10	1,3-Dichlorobenzene	<10
Dibromomethane	<10	1,4-Dichlorobenzene	<10
4-Methyl-2-pentanone	<100	1,2-Dichlorobenzene	<10
cis-1,3-Dichloropropene	<10	1,2-Dibromo-3-chloropropane	<10
Toluene	54	1,2,4-Trichlorobenzene	<10
trans-1,3-Dichloropropene	<10	Hexachlorobutadiene	<10
1,1,2-Trichloroethane	<10	Naphthalene	<10
2-Hexanone	<100	1,2,3-Trichlorobenzene	<10
1,3-Dichloropropane	<10		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-17	Client:	Kane Environmental, Inc.
Date Received:	09/27/06	Project:	Union View, F&BI 609278
Date Extracted:	10/02/06	Lab ID:	609278-03
Date Analyzed:	10/03/06	Data File:	100238.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	104	75	125
1,2-Dichloroethane-d4	116	67	133
Toluene-d8	105	79	129
4-Bromofluorobenzene	101	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	730 ve
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	16	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	1.8	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	1.8	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Note: The reporting limit for vinyl chloride is equal to the MDL.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration is an estimate.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-17	Client:	Kane Environmental, Inc.
Date Received:	09/27/06	Project:	Union View, F&BI 609278
Date Extracted:	10/04/06	Lab ID:	609278-03 1/20
Date Analyzed:	10/04/06	Data File:	100419.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	104	75	125
1,2-Dichloroethane-d4	120	67	133
Toluene-d8	106	79	129
4-Bromofluorobenzene	103	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<20	Tetrachloroethene	600
Chloromethane	<20	Dibromochloromethane	<20
Vinyl chloride	<4.0	1,2-Dibromoethane (EDB)	<20
Bromomethane	<20	Chlorobenzene	<20
Chloroethane	<20	Ethylbenzene	<20
Trichlorofluoromethane	<20	1,1,1,2-Tetrachloroethane	<20
Acetone	<200	m,p-Xylene	<40
1,1-Dichloroethene	<20	o-Xylene	<20
Methylene chloride	<100	Styrene	<20
trans-1,2-Dichloroethene	<20	Isopropylbenzene	<20
1,1-Dichloroethane	<20	Bromoform	<20
2,2-Dichloropropane	<20	n-Propylbenzene	<20
cis-1,2-Dichloroethene	<20	Bromobenzene	<20
Chloroform	<20	1,3,5-Trimethylbenzene	<20
2-Butanone (MEK)	<200	1,1,2,2-Tetrachloroethane	<20
1,2-Dichloroethane (EDC)	<20	1,2,3-Trichloropropane	<20
1,1,1-Trichloroethane	<20	2-Chlorotoluene	<20
1,1-Dichloropropene	<20	4-Chlorotoluene	<20
Carbon Tetrachloride	<20	tert-Butylbenzene	<20
Benzene	<20	1,2,4-Trimethylbenzene	<20
Trichloroethene	<20	sec-Butylbenzene	<20
1,2-Dichloropropane	<20	p-Isopropyltoluene	<20
Bromodichloromethane	<20	1,3-Dichlorobenzene	<20
Dibromomethane	<20	1,4-Dichlorobenzene	<20
4-Methyl-2-pentanone	<200	1,2-Dichlorobenzene	<20
cis-1,3-Dichloropropene	<20	1,2-Dibromo-3-chloropropane	<20
Toluene	<20	1,2,4-Trichlorobenzene	<20
trans-1,3-Dichloropropene	<20	Hexachlorobutadiene	<20
1,1,2-Trichloroethane	<20	Naphthalene	<20
2-Hexanone	<200	1,2,3-Trichlorobenzene	<20
1,3-Dichloropropane	<20		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-10	Client:	Kane Environmental, Inc.
Date Received:	09/27/06	Project:	Union View, F&BI 609278
Date Extracted:	10/02/06	Lab ID:	609278-06
Date Analyzed:	10/03/06	Data File:	100241.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	103	75	125
1,2-Dichloroethane-d4	116	67	133
Toluene-d8	103	79	129
4-Bromofluorobenzene	97	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	19
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	1.1	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	1.5	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	210 ve	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	8.0	1,2,4-Trimethylbenzene	<1
Trichloroethene	6.0	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration is an estimate.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-10	Client:	Kane Environmental, Inc.
Date Received:	09/27/06	Project:	Union View, F&BI 609278
Date Extracted:	10/04/06	Lab ID:	609278-06 1/10
Date Analyzed:	10/04/06	Data File:	100420.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	106	75	125
1,2-Dichloroethane-d4	116	67	133
Toluene-d8	106	79	129
4-Bromofluorobenzene	102	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<10	Tetrachloroethene	16
Chloromethane	<10	Dibromochloromethane	<10
Vinyl chloride	<2	1,2-Dibromoethane (EDB)	<10
Bromomethane	<10	Chlorobenzene	<10
Chloroethane	<10	Ethylbenzene	<10
Trichlorofluoromethane	<10	1,1,1,2-Tetrachloroethane	<10
Acetone	<100	m,p-Xylene	<20
1,1-Dichloroethene	<10	o-Xylene	<10
Methylene chloride	<50	Styrene	<10
trans-1,2-Dichloroethene	<10	Isopropylbenzene	<10
1,1-Dichloroethane	<10	Bromoform	<10
2,2-Dichloropropane	<10	n-Propylbenzene	<10
cis-1,2-Dichloroethene	200	Bromobenzene	<10
Chloroform	<10	1,3,5-Trimethylbenzene	<10
2-Butanone (MEK)	<100	1,1,2,2-Tetrachloroethane	<10
1,2-Dichloroethane (EDC)	<10	1,2,3-Trichloropropane	<10
1,1,1-Trichloroethane	<10	2-Chlorotoluene	<10
1,1-Dichloropropene	<10	4-Chlorotoluene	<10
Carbon Tetrachloride	<10	tert-Butylbenzene	<10
Benzene	<10	1,2,4-Trimethylbenzene	<10
Trichloroethene	<10	sec-Butylbenzene	<10
1,2-Dichloropropane	<10	p-Isopropyltoluene	<10
Bromodichloromethane	<10	1,3-Dichlorobenzene	<10
Dibromomethane	<10	1,4-Dichlorobenzene	<10
4-Methyl-2-pentanone	<100	1,2-Dichlorobenzene	<10
cis-1,3-Dichloropropene	<10	1,2-Dibromo-3-chloropropane	<10
Toluene	<10	1,2,4-Trichlorobenzene	<10
trans-1,3-Dichloropropene	<10	Hexachlorobutadiene	<10
1,1,2-Trichloroethane	<10	Naphthalene	<10
2-Hexanone	<100	1,2,3-Trichlorobenzene	<10
1,3-Dichloropropane	<10		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Kane Environmental, Inc.
Date Received:	Not Applicable	Project:	Union View, F&BI 609278
Date Extracted:	10/02/06	Lab ID:	061401 mb
Date Analyzed:	10/02/06	Data File:	100206.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	103	75	125
1,2-Dichloroethane-d4	117	67	133
Toluene-d8	104	79	129
4-Bromofluorobenzene	102	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Kane Environmental, Inc.
Date Received:	Not Applicable	Project:	Union View, F&BI 609278
Date Extracted:	10/04/06	Lab ID:	061404 mb
Date Analyzed:	10/04/06	Data File:	100406.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	102	75	125
1,2-Dichloroethane-d4	114	67	133
Toluene-d8	103	79	129
4-Bromofluorobenzene	103	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Date of Report: 10/13/06
Date Received: 09/27/06
Project: Union View, F&BI 609278

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 609278-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	µg/L (ppb)	28	27	4
Toluene	µg/L (ppb)	10	10	0
Ethylbenzene	µg/L (ppb)	16	16	0
Xylenes	µg/L (ppb)	17	16	6
Gasoline	µg/L (ppb)	630	640	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	µg/L (ppb)	50	96	69-119
Toluene	µg/L (ppb)	50	108	70-123
Ethylbenzene	µg/L (ppb)	50	110	78-112
Xylenes	µg/L (ppb)	150	107	74-112
Gasoline	µg/L (ppb)	1,000	86	63-129

Date of Report: 10/13/06
Date Received: 09/27/06
Project: Union View, F&BI 609278

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	µg/L (ppb)	2,500	94	106	74-139	12

Date of Report: 10/13/06
Date Received: 09/27/06
Project: Union View, F&BI 609278

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 609266-02 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
1,1-Dichloroethene	µg/L (ppb)	<1	<1	nm
1,2-Dichloroethane (EDC)	µg/L (ppb)	<1	<1	nm
1,1-Dichloropropene	µg/L (ppb)	<1	<1	nm
Benzene	µg/L (ppb)	<1	<1	nm
Trichloroethene	µg/L (ppb)	<1	<1	nm
1,2-Dichloropropane	µg/L (ppb)	<1	<1	nm
cis-1,3-Dichloropropene	µg/L (ppb)	<1	<1	nm
Toluene	µg/L (ppb)	<1	<1	nm
trans-1,3-Dichloropropene	µg/L (ppb)	<1	<1	nm
1,1,2-Trichloroethane	µg/L (ppb)	<1	<1	nm
1,3-Dichloropropane	µg/L (ppb)	<1	<1	nm
1,2-Dibromoethane (EDB)	µg/L (ppb)	<1	<1	nm
Chlorobenzene	µg/L (ppb)	<1	<1	nm
Ethylbenzene	µg/L (ppb)	<1	<1	nm
1,1,1,2-Tetrachloroethane	µg/L (ppb)	<1	<1	nm
m,p-Xylene	µg/L (ppb)	<2	<2	nm
Styrene	µg/L (ppb)	<1	<1	nm
Bromobenzene	µg/L (ppb)	<1	<1	nm
1,3,5-Trimethylbenzene	µg/L (ppb)	<1	<1	nm
1,1,2,2-Tetrachloroethane	µg/L (ppb)	<1	<1	nm
1,2,3-Trichloropropane	µg/L (ppb)	<1	<1	nm
1,2,4-Trimethylbenzene	µg/L (ppb)	<1	<1	nm
p-Isopropyltoluene	µg/L (ppb)	<1	<1	nm
1,2-Dibromo-3-chloropropane	µg/L (ppb)	<1	<1	nm
1,2,4-Trichlorobenzene	µg/L (ppb)	<1	<1	nm
Hexachlorobutadiene	µg/L (ppb)	<1	<1	nm
Naphthalene	µg/L (ppb)	<1	<1	nm
1,2,3-Trichlorobenzene	µg/L (ppb)	<1	<1	nm

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
1,1-Dichloroethene	µg/L (ppb)	50	119	119	53-135	1
1,2-Dichloroethane (EDC)	µg/L (ppb)	50	104	103	67-137	1
1,1-Dichloropropene	µg/L (ppb)	50	95	92	66-121	2
Benzene	µg/L (ppb)	100	104	102	74-123	2
Trichloroethene	µg/L (ppb)	100	105	103	75-121	2
1,2-Dichloropropane	µg/L (ppb)	50	103	102	79-122	1
cis-1,3-Dichloropropene	µg/L (ppb)	50	109	107	79-134	2
Toluene	µg/L (ppb)	100	111	108	72-128	2
trans-1,3-Dichloropropene	µg/L (ppb)	50	113	111	80-134	2
1,1,2-Trichloroethane	µg/L (ppb)	50	108	106	77-125	2
1,3-Dichloropropane	µg/L (ppb)	50	107	105	80-124	1
1,2-Dibromoethane (EDB)	µg/L (ppb)	50	104	103	77-131	1
Chlorobenzene	µg/L (ppb)	50	103	102	80-118	1
Ethylbenzene	µg/L (ppb)	50	107	105	70-130	2
1,1,1,2-Tetrachloroethane	µg/L (ppb)	50	111	110	81-126	1
m,p-Xylene	µg/L (ppb)	50	109	106	70-130	2
Styrene	µg/L (ppb)	50	113	111	70-130	2
Bromobenzene	µg/L (ppb)	50	109	105	70-130	3
1,3,5-Trimethylbenzene	µg/L (ppb)	50	113	111	70-130	2
1,1,2,2-Tetrachloroethane	µg/L (ppb)	50	103	102	80-134	1
1,2,3-Trichloropropane	µg/L (ppb)	50	105	104	77-122	1
1,2,4-Trimethylbenzene	µg/L (ppb)	50	112	109	70-130	3
p-Isopropyltoluene	µg/L (ppb)	50	118	115	70-130	2
1,2-Dibromo-3-chloropropane	µg/L (ppb)	50	102	104	80-130	2
1,2,4-Trichlorobenzene	µg/L (ppb)	50	109	108	70-130	1
Hexachlorobutadiene	µg/L (ppb)	50	116	110	65-135	5
Naphthalene	µg/L (ppb)	50	102	101	70-130	1
1,2,3-Trichlorobenzene	µg/L (ppb)	50	103	101	70-130	1

Note: The calibration verification result associated with samples analyzed on 10/02/06 for 1,2-dibromo-3-chloropropane exceeded 15% deviation. The average deviation for all compounds was not greater than 15%, therefore the initial calibration is considered valid.

Date of Report: 10/13/06
Date Received: 09/27/06
Project: Union View, F&BI 609278

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 609306-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
1,1-Dichloroethene	µg/L (ppb)	50	<1	117	115	49-130	2
1,2-Dichloroethane (EDC)	µg/L (ppb)	50	<1	104	103	56-137	1
1,1-Dichloropropene	µg/L (ppb)	50	<1	94	93	76-122	1
Benzene	µg/L (ppb)	100	<1	103	102	76-112	1
Trichloroethene	µg/L (ppb)	100	<1	103	102	75-117	1
1,2-Dichloropropane	µg/L (ppb)	50	<1	102	102	75-121	0
cis-1,3-Dichloropropene	µg/L (ppb)	50	<1	106	106	67-125	0
Toluene	µg/L (ppb)	100	<1	108	106	69-129	1
trans-1,3-Dichloropropene	µg/L (ppb)	50	<1	109	107	63-136	1
1,1,2-Trichloroethane	µg/L (ppb)	50	<1	104	103	62-137	0
1,3-Dichloropropane	µg/L (ppb)	50	<1	103	104	63-134	0
1,2-Dibromoethane (EDB)	µg/L (ppb)	50	<1	102	102	61-139	0
Chlorobenzene	µg/L (ppb)	50	<1	100	100	85-112	0
Ethylbenzene	µg/L (ppb)	50	<1	107	103	50-150	3
1,1,1,2-Tetrachloroethane	µg/L (ppb)	50	<1	108	108	78-123	0
m,p-Xylene	µg/L (ppb)	50	<2	108	106	50-150	2
Styrene	µg/L (ppb)	50	<1	110	108	50-150	2
Bromobenzene	µg/L (ppb)	50	<1	104	105	50-150	1
1,3,5-Trimethylbenzene	µg/L (ppb)	50	<1	111	110	50-150	1
1,1,2,2-Tetrachloroethane	µg/L (ppb)	50	<1	100	100	56-151	1
1,2,3-Trichloropropane	µg/L (ppb)	50	<1	101	103	51-144	2
1,2,4-Trimethylbenzene	µg/L (ppb)	50	<1	112	109	50-150	3
p-Isopropyltoluene	µg/L (ppb)	50	<1	115	113	50-150	1
1,2-Dibromo-3-chloropropane	µg/L (ppb)	50	<1	95	96	33-150	1
1,2,4-Trichlorobenzene	µg/L (ppb)	50	<1	103	102	50-150	1
Hexachlorobutadiene	µg/L (ppb)	50	<1	109	109	51-141	1
Naphthalene	µg/L (ppb)	50	<1	92	91	50-150	0
1,2,3-Trichlorobenzene	µg/L (ppb)	50	<1	93	92	50-150	1

Date of Report: 10/13/06
Date Received: 09/27/06
Project: Union View, F&BI 609278

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
1,1-Dichloroethene	µg/L (ppb)	50	113	53-135
1,2-Dichloroethane (EDC)	µg/L (ppb)	50	98	67-137
1,1-Dichloropropene	µg/L (ppb)	50	87	66-121
Benzene	µg/L (ppb)	100	95	74-123
Trichloroethene	µg/L (ppb)	100	97	75-121
1,2-Dichloropropane	µg/L (ppb)	50	94	79-122
cis-1,3-Dichloropropene	µg/L (ppb)	50	98	79-134
Toluene	µg/L (ppb)	100	101	72-128
trans-1,3-Dichloropropene	µg/L (ppb)	50	102	80-134
1,1,2-Trichloroethane	µg/L (ppb)	50	97	77-125
1,3-Dichloropropane	µg/L (ppb)	50	97	80-124
1,2-Dibromoethane (EDB)	µg/L (ppb)	50	95	77-131
Chlorobenzene	µg/L (ppb)	50	94	80-118
Ethylbenzene	µg/L (ppb)	50	98	70-130
1,1,1,2-Tetrachloroethane	µg/L (ppb)	50	100	81-126
m,p-Xylene	µg/L (ppb)	50	99	70-130
Styrene	µg/L (ppb)	50	102	70-130
Bromobenzene	µg/L (ppb)	50	98	70-130
1,3,5-Trimethylbenzene	µg/L (ppb)	50	103	70-130
1,1,2,2-Tetrachloroethane	µg/L (ppb)	50	94	80-134
1,2,3-Trichloropropane	µg/L (ppb)	50	96	77-122
1,2,4-Trimethylbenzene	µg/L (ppb)	50	101	70-130
p-Isopropyltoluene	µg/L (ppb)	50	107	70-130
1,2-Dibromo-3-chloropropane	µg/L (ppb)	50	88	80-130
1,2,4-Trichlorobenzene	µg/L (ppb)	50	95	70-130
Hexachlorobutadiene	µg/L (ppb)	50	102	65-135
Naphthalene	µg/L (ppb)	50	87	70-130
1,2,3-Trichlorobenzene	µg/L (ppb)	50	90	70-130

Note: The calibration verification result associated with samples analyzed on 10/04/06 for dichlorodifluoromethane and 1,2-dibromo-3-chloropropane exceeded 15% deviation. The average deviation for all compounds was not greater than 15%, therefore the initial calibration is considered valid.

609278

SAMPLE CHAIN OF CUSTODY

ME 09-27-06

V4/B03

Page # 1 of 1

Send Report To Lisa Meoli

Company Kane Environmental

Address 3831 Stone Way North

City, State, ZIP Seattle, WA 98103

Phone # 206·691·0476 Fax # 206·675·0650

SAMPLERS (signature) Lisa C Meoli

PROJECT NAME/NO. Union View

PO #

REMARKS

TURNAROUND TIME
- [x] Standard (2 Weeks)
- [ ] RUSH
- Rush charges authorized by:

SAMPLE DISPOSAL
- [x] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS							Notes
						ANALYSES REQUESTED												
MW-15	01 A-E	9/27/06	1345	GW	5	X	X	X	X									
MW-22	02 A-D	9/27/06	1420	GW	4		X	X	X									
MW-17	03 A-D	9/22/06	1445	GW	4		X	X	X									
MW-6	04 A-D	9/27/06	1520	GW	4		X	X										
MW-8	05 A-D	9/27/06	1540	GW	4		X	X										
MW-10	06 A-D	9/27/06	1330	GW	4	X	X	X	X									

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Lisa C Meoli	Lisa C. Meoli	Kane Env.	9/27/06	
Received by:		Nhan Phan	FeBI	9/27/06	16:40
Relinquished by:					
Received by:					

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

FORMS\COC\COC.DOC

Samples received at 13 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

October 13, 2006

Lisa Meoli, Project Manager
Kane Environmental, Inc.
3831 Stone Way North
Seattle, WA 98103

Dear Ms. Meoli:

Included are the results from the testing of material submitted on September 28, 2006 from the Union View, F&BI 609290 project. There are 17 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
KEI1013R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/13/06
Date Received: 09/28/06
Project: Union View, F&BI 609290
Date Extracted: 10/04/06
Date Analyzed: 10/04/06, 10/05/06, and 10/06/06

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
MW-13 609290-01	<1	<1	<1	<3	510	124
MW-19 d 609290-02	990	830	1,900	6,000	33,000	ip
MW-24 d 609290-03	1,200	6,100	2,100	8,700	49,000	118
MW-23 d 609290-04	940	1,900	1,700	6,200	29,000	122
MW-26 d 609290-05	2,000	19,000	3,100	17,000	110,000	120
MW-27 d 609290-06	1,000	2,400	2,200	10,000	48,000	ip
MW-38 d 609290-07	1,600	15,000	4,300	20,000	98,000	120
MW-37 d 609290-08	450	890	1,100	4,400	21,000	124
Method Blank	<1	<1	<1	<3	<100	120

d - The sample was diluted.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

Date of Report: 10/13/06
Date Received: 09/28/06
Project: Union View, F&BI 609290
Date Extracted: 09/29/06
Date Analyzed: 10/03/04 and 10/04/06

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL USING METHOD NWTPH-Dx

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 51-132)
MW-19 609290-02	3,300 x	<250	91
MW-24 609290-03	3,800 x	<250	88
MW-26 609290-05	6,000 x	<250	103
MW-27 d 609290-06	39,000 x2	20,000	89
Method Blank	<50	<250	103

x - The pattern of peaks present is not solely indicative of diesel. The results for diesel were caused by an overlap from gasoline range hydrocarbons.

x2 - The pattern of peaks present is not solely indicative of diesel. The results for diesel were caused by an overlap from gasoline and motor oil range hydrocarbons

d - The sample was diluted.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-13	Client:	Kane Environmental, Inc.
Date Received:	09/28/06	Project:	Union View, F&BI 609290
Date Extracted:	10/04/06	Lab ID:	609290-01 1/10
Date Analyzed:	10/04/06	Data File:	100421.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	107	75	125
1,2-Dichloroethane-d4	115	67	133
Toluene-d8	106	79	129
4-Bromofluorobenzene	103	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<10	Tetrachloroethene	1,400
Chloromethane	<10	Dibromochloromethane	<10
Vinyl chloride	<2	1,2-Dibromoethane (EDB)	<10
Bromomethane	<10	Chlorobenzene	<10
Chloroethane	<10	Ethylbenzene	<10
Trichlorofluoromethane	<10	1,1,1,2-Tetrachloroethane	<10
Acetone	<100	m,p-Xylene	<20
1,1-Dichloroethene	<10	o-Xylene	<10
Methylene chloride	<50	Styrene	<10
trans-1,2-Dichloroethene	<10	Isopropylbenzene	<10
1,1-Dichloroethane	<10	Bromoform	<10
2,2-Dichloropropane	<10	n-Propylbenzene	<10
cis-1,2-Dichloroethene	96	Bromobenzene	<10
Chloroform	<10	1,3,5-Trimethylbenzene	<10
2-Butanone (MEK)	<100	1,1,2,2-Tetrachloroethane	<10
1,2-Dichloroethane (EDC)	<10	1,2,3-Trichloropropane	<10
1,1,1-Trichloroethane	<10	2-Chlorotoluene	<10
1,1-Dichloropropene	<10	4-Chlorotoluene	<10
Carbon Tetrachloride	<10	tert-Butylbenzene	<10
Benzene	<10	1,2,4-Trimethylbenzene	<10
Trichloroethene	41	sec-Butylbenzene	<10
1,2-Dichloropropane	<10	p-Isopropyltoluene	<10
Bromodichloromethane	<10	1,3-Dichlorobenzene	<10
Dibromomethane	<10	1,4-Dichlorobenzene	<10
4-Methyl-2-pentanone	<100	1,2-Dichlorobenzene	<10
cis-1,3-Dichloropropene	<10	1,2-Dibromo-3-chloropropane	<10
Toluene	<10	1,2,4-Trichlorobenzene	<10
trans-1,3-Dichloropropene	<10	Hexachlorobutadiene	<10
1,1,2-Trichloroethane	<10	Naphthalene	<10
2-Hexanone	<100	1,2,3-Trichlorobenzene	<10
1,3-Dichloropropane	<10		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-23	Client:	Kane Environmental, Inc.
Date Received:	09/28/06	Project:	Union View, F&BI 609290
Date Extracted:	10/04/06	Lab ID:	609290-04 1/100
Date Analyzed:	10/04/06	Data File:	100422.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	106	75	125
1,2-Dichloroethane-d4	120	67	133
Toluene-d8	106	79	129
4-Bromofluorobenzene	102	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<100	Tetrachloroethene	<100
Chloromethane	<100	Dibromochloromethane	<100
Vinyl chloride	<20	1,2-Dibromoethane (EDB)	<100
Bromomethane	<100	Chlorobenzene	<100
Chloroethane	<100	Ethylbenzene	1,600
Trichlorofluoromethane	<100	1,1,1,2-Tetrachloroethane	<100
Acetone	<1,000	m,p-Xylene	5,200
1,1-Dichloroethene	<100	o-Xylene	1,300
Methylene chloride	<500	Styrene	<100
trans-1,2-Dichloroethene	<100	Isopropylbenzene	<100
1,1-Dichloroethane	<100	Bromoform	<100
2,2-Dichloropropane	<100	n-Propylbenzene	190
cis-1,2-Dichloroethene	<100	Bromobenzene	<100
Chloroform	<100	1,3,5-Trimethylbenzene	350
2-Butanone (MEK)	<1,000	1,1,2,2-Tetrachloroethane	<100
1,2-Dichloroethane (EDC)	<100	1,2,3-Trichloropropane	<100
1,1,1-Trichloroethane	<100	2-Chlorotoluene	<100
1,1-Dichloropropene	<100	4-Chlorotoluene	<100
Carbon Tetrachloride	<100	tert-Butylbenzene	<100
Benzene	760	1,2,4-Trimethylbenzene	1,400
Trichloroethene	<100	sec-Butylbenzene	<100
1,2-Dichloropropane	<100	p-Isopropyltoluene	<100
Bromodichloromethane	<100	1,3-Dichlorobenzene	<100
Dibromomethane	<100	1,4-Dichlorobenzene	<100
4-Methyl-2-pentanone	<1,000	1,2-Dichlorobenzene	<100
cis-1,3-Dichloropropene	<100	1,2-Dibromo-3-chloropropane	<100
Toluene	1,900	1,2,4-Trichlorobenzene	<100
trans-1,3-Dichloropropene	<100	Hexachlorobutadiene	<100
1,1,2-Trichloroethane	<100	Naphthalene	120
2-Hexanone	<1,000	1,2,3-Trichlorobenzene	<100
1,3-Dichloropropane	<100		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-26	Client:	Kane Environmental, Inc.
Date Received:	09/28/06	Project:	Union View, F&BI 609290
Date Extracted:	10/04/06	Lab ID:	609290-05 1/100
Date Analyzed:	10/04/06	Data File:	100423.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	104	75	125
1,2-Dichloroethane-d4	119	67	133
Toluene-d8	107	79	129
4-Bromofluorobenzene	100	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<100	Tetrachloroethene	<100
Chloromethane	<100	Dibromochloromethane	<100
Vinyl chloride	<20	1,2-Dibromoethane (EDB)	<100
Bromomethane	<100	Chlorobenzene	<100
Chloroethane	<100	Ethylbenzene	2,500
Trichlorofluoromethane	<100	1,1,1,2-Tetrachloroethane	<100
Acetone	<1,000	m,p-Xylene	11,000
1,1-Dichloroethene	<100	o-Xylene	5,600
Methylene chloride	<500	Styrene	<100
trans-1,2-Dichloroethene	<100	Isopropylbenzene	<100
1,1-Dichloroethane	<100	Bromoform	<100
2,2-Dichloropropane	<100	n-Propylbenzene	200
cis-1,2-Dichloroethene	<100	Bromobenzene	<100
Chloroform	<100	1,3,5-Trimethylbenzene	850
2-Butanone (MEK)	<1,000	1,1,2,2-Tetrachloroethane	<100
1,2-Dichloroethane (EDC)	<100	1,2,3-Trichloropropane	<100
1,1,1-Trichloroethane	<100	2-Chlorotoluene	<100
1,1-Dichloropropene	<100	4-Chlorotoluene	<100
Carbon Tetrachloride	<100	tert-Butylbenzene	<100
Benzene	1,400	1,2,4-Trimethylbenzene	3,100
Trichloroethene	<100	sec-Butylbenzene	<100
1,2-Dichloropropane	<100	p-Isopropyltoluene	<100
Bromodichloromethane	<100	1,3-Dichlorobenzene	<100
Dibromomethane	<100	1,4-Dichlorobenzene	<100
4-Methyl-2-pentanone	<1,000	1,2-Dichlorobenzene	<100
cis-1,3-Dichloropropene	<100	1,2-Dibromo-3-chloropropane	<100
Toluene	22,000 ve	1,2,4-Trichlorobenzene	<100
trans-1,3-Dichloropropene	<100	Hexachlorobutadiene	<100
1,1,2-Trichloroethane	<100	Naphthalene	180
2-Hexanone	<1,000	1,2,3-Trichlorobenzene	<100
1,3-Dichloropropane	<100		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration is an estimate.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-26	Client:	Kane Environmental, Inc.
Date Received:	09/28/06	Project:	Union View, F&BI 609290
Date Extracted:	10/05/06	Lab ID:	609290-05 1/200
Date Analyzed:	10/05/06	Data File:	100505.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	104	75	125
1,2-Dichloroethane-d4	115	67	133
Toluene-d8	107	79	129
4-Bromofluorobenzene	106	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<200	Tetrachloroethene	<200
Chloromethane	<200	Dibromochloromethane	<200
Vinyl chloride	<40	1,2-Dibromoethane (EDB)	<200
Bromomethane	<200	Chlorobenzene	<200
Chloroethane	<200	Ethylbenzene	2,500
Trichlorofluoromethane	<200	1,1,1,2-Tetrachloroethane	<200
Acetone	<2,000	m,p-Xylene	11,000
1,1-Dichloroethene	<200	o-Xylene	5,400
Methylene chloride	<1,000	Styrene	<200
trans-1,2-Dichloroethene	<200	Isopropylbenzene	<200
1,1-Dichloroethane	<200	Bromoform	<200
2,2-Dichloropropane	<200	n-Propylbenzene	220
cis-1,2-Dichloroethene	<200	Bromobenzene	<200
Chloroform	<200	1,3,5-Trimethylbenzene	860
2-Butanone (MEK)	<2,000	1,1,2,2-Tetrachloroethane	<200
1,2-Dichloroethane (EDC)	<200	1,2,3-Trichloropropane	<200
1,1,1-Trichloroethane	<200	2-Chlorotoluene	<200
1,1-Dichloropropene	<200	4-Chlorotoluene	<200
Carbon Tetrachloride	<200	tert-Butylbenzene	<200
Benzene	1,400	1,2,4-Trimethylbenzene	3,000
Trichloroethene	<200	sec-Butylbenzene	<200
1,2-Dichloropropane	<200	p-Isopropyltoluene	<200
Bromodichloromethane	<200	1,3-Dichlorobenzene	<200
Dibromomethane	<200	1,4-Dichlorobenzene	<200
4-Methyl-2-pentanone	<2,000	1,2-Dichlorobenzene	<200
cis-1,3-Dichloropropene	<200	1,2-Dibromo-3-chloropropane	<200
Toluene	21,000	1,2,4-Trichlorobenzene	<200
trans-1,3-Dichloropropene	<200	Hexachlorobutadiene	<200
1,1,2-Trichloroethane	<200	Naphthalene	<200
2-Hexanone	<2,000	1,2,3-Trichlorobenzene	<200
1,3-Dichloropropane	<200		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-27	Client:	Kane Environmental, Inc.
Date Received:	09/28/06	Project:	Union View, F&BI 609290
Date Extracted:	10/05/06	Lab ID:	609290-06 1/5
Date Analyzed:	10/05/06	Data File:	100506.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	99	75	125
1,2-Dichloroethane-d4	111	67	133
Toluene-d8	103	79	129
4-Bromofluorobenzene	102	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<5	Tetrachloroethene	<5
Chloromethane	<5	Dibromochloromethane	<5
Vinyl chloride	<1	1,2-Dibromoethane (EDB)	<5
Bromomethane	<5	Chlorobenzene	<5
Chloroethane	<5	Ethylbenzene	2,300 ve
Trichlorofluoromethane	<5	1,1,1,2-Tetrachloroethane	<5
Acetone	<50	m,p-Xylene	5,700 ve
1,1-Dichloroethene	<5	o-Xylene	2,900 ve
Methylene chloride	<25	Styrene	8.6
trans-1,2-Dichloroethene	<5	Isopropylbenzene	170
1,1-Dichloroethane	<5	Bromoform	<5
2,2-Dichloropropane	<5	n-Propylbenzene	480
cis-1,2-Dichloroethene	<5	Bromobenzene	<5
Chloroform	<5	1,3,5-Trimethylbenzene	980 ve
2-Butanone (MEK)	<50	1,1,2,2-Tetrachloroethane	<5
1,2-Dichloroethane (EDC)	<5	1,2,3-Trichloropropane	<5
1,1,1-Trichloroethane	<5	2-Chlorotoluene	<5
1,1-Dichloropropene	<5	4-Chlorotoluene	<5
Carbon Tetrachloride	<5	tert-Butylbenzene	<5
Benzene	690	1,2,4-Trimethylbenzene	3,000 ve
Trichloroethene	<5	sec-Butylbenzene	19
1,2-Dichloropropane	<5	p-Isopropyltoluene	11
Bromodichloromethane	<5	1,3-Dichlorobenzene	<5
Dibromomethane	<5	1,4-Dichlorobenzene	<5
4-Methyl-2-pentanone	<50	1,2-Dichlorobenzene	<5
cis-1,3-Dichloropropene	<5	1,2-Dibromo-3-chloropropane	<5
Toluene	2,400 ve	1,2,4-Trichlorobenzene	<5
trans-1,3-Dichloropropene	<5	Hexachlorobutadiene	<5
1,1,2-Trichloroethane	<5	Naphthalene	330
2-Hexanone	<50	1,2,3-Trichlorobenzene	<5
1,3-Dichloropropane	<5		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration is an estimate.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-27	Client:	Kane Environmental, Inc.
Date Received:	09/28/06	Project:	Union View, F&BI 609290
Date Extracted:	10/05/06	Lab ID:	609290-06 1/20
Date Analyzed:	10/05/06	Data File:	100513.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	102	75	125
1,2-Dichloroethane-d4	114	67	133
Toluene-d8	107	79	129
4-Bromofluorobenzene	103	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<20	Tetrachloroethene	<20
Chloromethane	<20	Dibromochloromethane	<20
Vinyl chloride	<4.0	1,2-Dibromoethane (EDB)	<20
Bromomethane	<20	Chlorobenzene	<20
Chloroethane	<20	Ethylbenzene	2,500
Trichlorofluoromethane	<20	1,1,1,2-Tetrachloroethane	<20
Acetone	<200	m,p-Xylene	9,300 ve
1,1-Dichloroethene	<20	o-Xylene	3,200 ve
Methylene chloride	<100	Styrene	<20
trans-1,2-Dichloroethene	<20	Isopropylbenzene	150
1,1-Dichloroethane	<20	Bromoform	<20
2,2-Dichloropropane	<20	n-Propylbenzene	460
cis-1,2-Dichloroethene	<20	Bromobenzene	<20
Chloroform	<20	1,3,5-Trimethylbenzene	970
2-Butanone (MEK)	<200	1,1,2,2-Tetrachloroethane	<20
1,2-Dichloroethane (EDC)	<20	1,2,3-Trichloropropane	<20
1,1,1-Trichloroethane	<20	2-Chlorotoluene	<20
1,1-Dichloropropene	<20	4-Chlorotoluene	<20
Carbon Tetrachloride	<20	tert-Butylbenzene	<20
Benzene	710	1,2,4-Trimethylbenzene	3,800 ve
Trichloroethene	<20	sec-Butylbenzene	<20
1,2-Dichloropropane	<20	p-Isopropyltoluene	<20
Bromodichloromethane	<20	1,3-Dichlorobenzene	<20
Dibromomethane	<20	1,4-Dichlorobenzene	<20
4-Methyl-2-pentanone	<200	1,2-Dichlorobenzene	<20
cis-1,3-Dichloropropene	<20	1,2-Dibromo-3-chloropropane	<20
Toluene	2,500	1,2,4-Trichlorobenzene	<20
trans-1,3-Dichloropropene	<20	Hexachlorobutadiene	<20
1,1,2-Trichloroethane	<20	Naphthalene	270
2-Hexanone	<200	1,2,3-Trichlorobenzene	<20
1,3-Dichloropropane	<20		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

ve - The value reported exceeded the calibration range established for the analyte. The reported concentration is an estimate.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	MW-27	Client:	Kane Environmental, Inc.
Date Received:	09/28/06	Project:	Union View, F&BI 609290
Date Extracted:	10/04/06	Lab ID:	609290-06 1/100
Date Analyzed:	10/04/06	Data File:	100424.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	105	75	125
1,2-Dichloroethane-d4	119	67	133
Toluene-d8	107	79	129
4-Bromofluorobenzene	102	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<100	Tetrachloroethene	<100
Chloromethane	<100	Dibromochloromethane	<100
Vinyl chloride	<20	1,2-Dibromoethane (EDB)	<100
Bromomethane	<100	Chlorobenzene	<100
Chloroethane	<100	Ethylbenzene	2,100
Trichlorofluoromethane	<100	1,1,1,2-Tetrachloroethane	<100
Acetone	<1,000	m,p-Xylene	9,000
1,1-Dichloroethene	<100	o-Xylene	2,700
Methylene chloride	<500	Styrene	<100
trans-1,2-Dichloroethene	<100	Isopropylbenzene	110
1,1-Dichloroethane	<100	Bromoform	<100
2,2-Dichloropropane	<100	n-Propylbenzene	380
cis-1,2-Dichloroethene	<100	Bromobenzene	<100
Chloroform	<100	1,3,5-Trimethylbenzene	830
2-Butanone (MEK)	<1,000	1,1,2,2-Tetrachloroethane	<100
1,2-Dichloroethane (EDC)	<100	1,2,3-Trichloropropane	<100
1,1,1-Trichloroethane	<100	2-Chlorotoluene	<100
1,1-Dichloropropene	<100	4-Chlorotoluene	<100
Carbon Tetrachloride	<100	tert-Butylbenzene	<100
Benzene	640	1,2,4-Trimethylbenzene	3,400
Trichloroethene	<100	sec-Butylbenzene	<100
1,2-Dichloropropane	<100	p-Isopropyltoluene	<100
Bromodichloromethane	<100	1,3-Dichlorobenzene	<100
Dibromomethane	<100	1,4-Dichlorobenzene	<100
4-Methyl-2-pentanone	<1,000	1,2-Dichlorobenzene	<100
cis-1,3-Dichloropropene	<100	1,2-Dibromo-3-chloropropane	<100
Toluene	2,200	1,2,4-Trichlorobenzene	<100
trans-1,3-Dichloropropene	<100	Hexachlorobutadiene	<100
1,1,2-Trichloroethane	<100	Naphthalene	180
2-Hexanone	<1,000	1,2,3-Trichlorobenzene	<100
1,3-Dichloropropane	<100		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Note: The sample was diluted due to the presence of high levels of material. Detection limits are raised due to dilution.

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Kane Environmental, Inc.
Date Received:	Not Applicable	Project:	Union View, F&BI 609290
Date Extracted:	10/04/06	Lab ID:	061404 mb
Date Analyzed:	10/04/06	Data File:	100406.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	102	75	125
1,2-Dichloroethane-d4	114	67	133
Toluene-d8	103	79	129
4-Bromofluorobenzene	103	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Note: The reporting limit for vinyl chloride is equal to the MDL.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Kane Environmental, Inc.
Date Received:	Not Applicable	Project:	Union View, F&BI 609290
Date Extracted:	10/05/06	Lab ID:	061405 mb
Date Analyzed:	10/05/06	Data File:	100504.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	104	75	125
1,2-Dichloroethane-d4	116	67	133
Toluene-d8	105	79	129
4-Bromofluorobenzene	107	76	145

Compounds:	Concentration ug/L (ppb)	Compounds:	Concentration ug/L (ppb)
Dichlorodifluoromethane	<1	Tetrachloroethene	<1
Chloromethane	<1	Dibromochloromethane	<1
Vinyl chloride	<0.2	1,2-Dibromoethane (EDB)	<1
Bromomethane	<1	Chlorobenzene	<1
Chloroethane	<1	Ethylbenzene	<1
Trichlorofluoromethane	<1	1,1,1,2-Tetrachloroethane	<1
Acetone	<10	m,p-Xylene	<2
1,1-Dichloroethene	<1	o-Xylene	<1
Methylene chloride	<5	Styrene	<1
trans-1,2-Dichloroethene	<1	Isopropylbenzene	<1
1,1-Dichloroethane	<1	Bromoform	<1
2,2-Dichloropropane	<1	n-Propylbenzene	<1
cis-1,2-Dichloroethene	<1	Bromobenzene	<1
Chloroform	<1	1,3,5-Trimethylbenzene	<1
2-Butanone (MEK)	<10	1,1,2,2-Tetrachloroethane	<1
1,2-Dichloroethane (EDC)	<1	1,2,3-Trichloropropane	<1
1,1,1-Trichloroethane	<1	2-Chlorotoluene	<1
1,1-Dichloropropene	<1	4-Chlorotoluene	<1
Carbon Tetrachloride	<1	tert-Butylbenzene	<1
Benzene	<1	1,2,4-Trimethylbenzene	<1
Trichloroethene	<1	sec-Butylbenzene	<1
1,2-Dichloropropane	<1	p-Isopropyltoluene	<1
Bromodichloromethane	<1	1,3-Dichlorobenzene	<1
Dibromomethane	<1	1,4-Dichlorobenzene	<1
4-Methyl-2-pentanone	<10	1,2-Dichlorobenzene	<1
cis-1,3-Dichloropropene	<1	1,2-Dibromo-3-chloropropane	<1
Toluene	<1	1,2,4-Trichlorobenzene	<1
trans-1,3-Dichloropropene	<1	Hexachlorobutadiene	<1
1,1,2-Trichloroethane	<1	Naphthalene	<1
2-Hexanone	<10	1,2,3-Trichlorobenzene	<1
1,3-Dichloropropane	<1		

Note: The reporting limit for vinyl chloride is equal to the MDL.

Date of Report: 10/13/06
Date Received: 09/28/06
Project: Union View, F&BI 609290

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 609306-04 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	µg/L (ppb)	<1	<1	nm
Toluene	µg/L (ppb)	<1	<1	nm
Ethylbenzene	µg/L (ppb)	<1	<1	nm
Xylenes	µg/L (ppb)	<3	<3	nm
Gasoline	µg/L (ppb)	<100	<100	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	µg/L (ppb)	50	92	69-119
Toluene	µg/L (ppb)	50	102	70-123
Ethylbenzene	µg/L (ppb)	50	106	78-112
Xylenes	µg/L (ppb)	150	107	74-112
Gasoline	µg/L (ppb)	1,000	89	63-129

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

Date of Report: 10/13/06
Date Received: 09/28/06
Project: Union View, F&BI 609290

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	µg/L (ppb)	2,500	94	106	74-139	12

Date of Report: 10/13/06
Date Received: 09/28/06
Project: Union View, F&BI 609290

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 609306-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 2
1,1-Dichloroethene	µg/L (ppb)	50	<1	117	115	49-130	2
1,2-Dichloroethane (EDC)	µg/L (ppb)	50	<1	104	103	56-137	1
1,1-Dichloropropene	µg/L (ppb)	50	<1	94	93	76-122	1
Benzene	µg/L (ppb)	100	<1	103	102	76-112	1
Trichloroethene	µg/L (ppb)	100	<1	103	102	75-117	1
1,2-Dichloropropane	µg/L (ppb)	50	<1	102	102	75-121	0
cis-1,3-Dichloropropene	µg/L (ppb)	50	<1	106	106	67-125	0
Toluene	µg/L (ppb)	100	<1	108	106	69-129	1
trans-1,3-Dichloropropene	µg/L (ppb)	50	<1	109	107	63-136	1
1,1,2-Trichloroethane	µg/L (ppb)	50	<1	104	103	62-137	0
1,3-Dichloropropane	µg/L (ppb)	50	<1	103	104	63-134	0
1,2-Dibromoethane (EDB)	µg/L (ppb)	50	<1	102	102	61-139	0
Chlorobenzene	µg/L (ppb)	50	<1	100	100	85-112	0
Ethylbenzene	µg/L (ppb)	50	<1	107	103	50-150	3
1,1,1,2-Tetrachloroethane	µg/L (ppb)	50	<1	108	108	78-123	0
m,p-Xylene	µg/L (ppb)	50	<2	108	106	50-150	2
Styrene	µg/L (ppb)	50	<1	110	108	50-150	2
Bromobenzene	µg/L (ppb)	50	<1	104	105	50-150	1
1,3,5-Trimethylbenzene	µg/L (ppb)	50	<1	111	110	50-150	1
1,1,2,2-Tetrachloroethane	µg/L (ppb)	50	<1	100	100	56-151	1
1,2,3-Trichloropropane	µg/L (ppb)	50	<1	101	103	51-144	2
1,2,4-Trimethylbenzene	µg/L (ppb)	50	<1	112	109	50-150	3
p-Isopropyltoluene	µg/L (ppb)	50	<1	115	113	50-150	1
1,2-Dibromo-3-chloropropane	µg/L (ppb)	50	<1	95	96	33-150	1
1,2,4-Trichlorobenzene	µg/L (ppb)	50	<1	103	102	50-150	1
Hexachlorobutadiene	µg/L (ppb)	50	<1	109	109	51-141	1
Naphthalene	µg/L (ppb)	50	<1	92	91	50-150	0
1,2,3-Trichlorobenzene	µg/L (ppb)	50	<1	93	92	50-150	1

Date of Report: 10/13/06
Date Received: 09/28/06
Project: Union View, F&BI 609290

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
1,1-Dichloroethene	µg/L (ppb)	50	113	53-135
1,2-Dichloroethane (EDC)	µg/L (ppb)	50	98	67-137
1,1-Dichloropropene	µg/L (ppb)	50	87	66-121
Benzene	µg/L (ppb)	100	95	74-123
Trichloroethene	µg/L (ppb)	100	97	75-121
1,2-Dichloropropane	µg/L (ppb)	50	94	79-122
cis-1,3-Dichloropropene	µg/L (ppb)	50	98	79-134
Toluene	µg/L (ppb)	100	101	72-128
trans-1,3-Dichloropropene	µg/L (ppb)	50	102	80-134
1,1,2-Trichloroethane	µg/L (ppb)	50	97	77-125
1,3-Dichloropropane	µg/L (ppb)	50	97	80-124
1,2-Dibromoethane (EDB)	µg/L (ppb)	50	95	77-131
Chlorobenzene	µg/L (ppb)	50	94	80-118
Ethylbenzene	µg/L (ppb)	50	98	70-130
1,1,1,2-Tetrachloroethane	µg/L (ppb)	50	100	81-126
m,p-Xylene	µg/L (ppb)	50	99	70-130
Styrene	µg/L (ppb)	50	102	70-130
Bromobenzene	µg/L (ppb)	50	98	70-130
1,3,5-Trimethylbenzene	µg/L (ppb)	50	103	70-130
1,1,2,2-Tetrachloroethane	µg/L (ppb)	50	94	80-134
1,2,3-Trichloropropane	µg/L (ppb)	50	96	77-122
1,2,4-Trimethylbenzene	µg/L (ppb)	50	101	70-130
p-Isopropyltoluene	µg/L (ppb)	50	107	70-130
1,2-Dibromo-3-chloropropane	µg/L (ppb)	50	88	80-130
1,2,4-Trichlorobenzene	µg/L (ppb)	50	95	70-130
Hexachlorobutadiene	µg/L (ppb)	50	102	65-135
Naphthalene	µg/L (ppb)	50	87	70-130
1,2,3-Trichlorobenzene	µg/L (ppb)	50	90	70-130

Note: The calibration verification result associated with samples analyzed on 10/04/06 for dichlorodifluoromethane and 1,2-dibromo-3-chloropropane exceeded 15% deviation. The average deviation for all compounds was not greater than 15%, therefore the initial calibration is considered valid.

Date of Report: 10/13/06
Date Received: 09/28/06
Project: Union View, F&BI 609290

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: 610016-06 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
1,1-Dichloroethene	µg/L (ppb)	<1	<1	nm
1,2-Dichloroethane (EDC)	µg/L (ppb)	<1	<1	nm
1,1-Dichloropropene	µg/L (ppb)	<1	<1	nm
Benzene	µg/L (ppb)	20	19	5
Trichloroethene	µg/L (ppb)	<1	<1	nm
1,2-Dichloropropane	µg/L (ppb)	<1	<1	nm
cis-1,3-Dichloropropene	µg/L (ppb)	<1	<1	nm
Toluene	µg/L (ppb)	35	35	0
trans-1,3-Dichloropropene	µg/L (ppb)	<1	<1	nm
1,1,2-Trichloroethane	µg/L (ppb)	<1	<1	nm
1,3-Dichloropropane	µg/L (ppb)	<1	<1	nm
1,2-Dibromoethane (EDB)	µg/L (ppb)	<1	<1	nm
Chlorobenzene	µg/L (ppb)	<1	<1	nm
Ethylbenzene	µg/L (ppb)	3.1	3.0	3
1,1,1,2-Tetrachloroethane	µg/L (ppb)	<1	<1	nm
m,p-Xylene	µg/L (ppb)	16	15	6
Styrene	µg/L (ppb)	<1	<1	nm
Bromobenzene	µg/L (ppb)	<1	<1	nm
1,3,5-Trimethylbenzene	µg/L (ppb)	<1	<1	nm
1,1,2,2-Tetrachloroethane	µg/L (ppb)	<1	<1	nm
1,2,3-Trichloropropane	µg/L (ppb)	<1	<1	nm
1,2,4-Trimethylbenzene	µg/L (ppb)	2.3	2.2	4
p-Isopropyltoluene	µg/L (ppb)	<1	<1	nm
1,2-Dibromo-3-chloropropane	µg/L (ppb)	<1	<1	nm
1,2,4-Trichlorobenzene	µg/L (ppb)	<1	<1	nm
Hexachlorobutadiene	µg/L (ppb)	<1	<1	nm
Naphthalene	µg/L (ppb)	<1	<1	nm
1,2,3-Trichlorobenzene	µg/L (ppb)	<1	<1	nm

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

Date of Report: 10/13/06
Date Received: 09/28/06
Project: Union View, F&BI 609290

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR VOLATILES BY EPA METHOD 8260B

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
1,1-Dichloroethene	µg/L (ppb)	50	108	111	53-135	3
1,2-Dichloroethane (EDC)	µg/L (ppb)	50	95	97	67-137	3
1,1-Dichloropropene	µg/L (ppb)	50	87	88	66-121	1
Benzene	µg/L (ppb)	100	95	97	74-123	3
Trichloroethene	µg/L (ppb)	100	96	98	75-121	2
1,2-Dichloropropane	µg/L (ppb)	50	95	97	79-122	2
cis-1,3-Dichloropropene	µg/L (ppb)	50	99	100	79-134	1
Toluene	µg/L (ppb)	100	100	100	72-128	0
trans-1,3-Dichloropropene	µg/L (ppb)	50	102	100	80-134	2
1,1,2-Trichloroethane	µg/L (ppb)	50	98	99	77-125	1
1,3-Dichloropropane	µg/L (ppb)	50	97	98	80-124	1
1,2-Dibromoethane (EDB)	µg/L (ppb)	50	95	94	77-131	0
Chlorobenzene	µg/L (ppb)	50	94	95	80-118	1
Ethylbenzene	µg/L (ppb)	50	98	98	70-130	0
1,1,1,2-Tetrachloroethane	µg/L (ppb)	50	100	101	81-126	1
m,p-Xylene	µg/L (ppb)	50	99	99	70-130	1
Styrene	µg/L (ppb)	50	102	102	70-130	0
Bromobenzene	µg/L (ppb)	50	98	98	70-130	1
1,3,5-Trimethylbenzene	µg/L (ppb)	50	102	104	70-130	2
1,1,2,2-Tetrachloroethane	µg/L (ppb)	50	93	95	80-134	2
1,2,3-Trichloropropane	µg/L (ppb)	50	95	96	77-122	1
1,2,4-Trimethylbenzene	µg/L (ppb)	50	101	102	70-130	1
p-Isopropyltoluene	µg/L (ppb)	50	106	107	70-130	1
1,2-Dibromo-3-chloropropane	µg/L (ppb)	50	87	88	80-130	1
1,2,4-Trichlorobenzene	µg/L (ppb)	50	94	96	70-130	2
Hexachlorobutadiene	µg/L (ppb)	50	102	102	65-135	0
Naphthalene	µg/L (ppb)	50	84	86	70-130	2
1,2,3-Trichlorobenzene	µg/L (ppb)	50	86	89	70-130	3

609290

SAMPLE CHAIN OF CUSTODY ME 09-

Send Report To Lisa Meoli
Company Kane Environmental
Address 3831 Stoneway North
City, State, ZIP Seattle WA 98103
Phone # 206-691-0476 Fax # 206-691-0526

SAMPLERS (signature) Lisa Meoli
PROJECT NAME/NO. Union View
PO #
REMARKS

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS		
						ANALYSES RE							
MW-13	01A-D	9/28/06	1330	GW	4		X	X	X				
MW-19	02A-D	9/28/06	1415	GW	4	X	X	X	X				
MW-24	03 A-E	9/28/06	1430	GW	5	X	X	X					
MW-23	04	9/28/06	1500	GW	4		X	X	X				
MW-26	05A-E	9/28/06	1520	GW	5	X	X	X	X				
MW-27	06 A-E	9/28/06	1540	GW	5	X	X	X	X				
MW-38	07 A-D	9/28/06	1600	GW	4		X	X					
MW-37	08 A-D	9/28/06	1620	GW	4		X	X					

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

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	SIGNATURE	PRINT NAME	CC
Relinquished by:	Lisa Meoli	Lisa Meoli	Kane
Received by:		Nhan Phan	FeB-
Relinquished by:			
Received by:			

Sa

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

October 12, 2006

John Kane, Project Manager
Kane Environmental, Inc.
3831 Stone Way North
Seattle, WA 98103

Dear Mr. Kane:

Included are the results from the testing of material submitted on October 2, 2006 from the Union View LLC, F&BI 610027 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
KEI1012R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/12/06
Date Received: 10/02/06
Project: Union View LLC, F&BI 610027
Date Extracted: 10/04/06
Date Analyzed: 10/11/06

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 52-124)
MW-29 d 610027-01	1,100	5,600	3,600	19,000	92,000	ip
MW-39 d 610027-02	2,000	7,800	2,300	9,900	67,000	121
MW-40 d 610027-03	1,900	7,500	2,700	20,000	97,000	120
Method Blank	<1	<1	<1	<3	<100	117

d - The sample was diluted.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

Date of Report: 10/12/06
Date Received: 10/02/06
Project: Union View LLC, F&BI 610027
Date Extracted: 10/05/06
Date Analyzed: 10/10/06

RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL USING METHOD NWTPH-Dx

Results Reported as µg/L (ppb)

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 51-132)
MW-29 d 610027-01	38,000 x	12,000	116
MW-39 d 610027-02	2,800 x	<25	124
MW-40 d 610027-03	190,000 x	43,000	ip
Method Blank	<50	<250	97

x - The pattern of peaks present is not indicative of diesel. The result is due to overlap from the gasoline and motor oil ranges.

d - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.

ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.

Date of Report: 10/12/06
Date Received: 10/02/06
Project: Union View LLC, F&BI 610027

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR BENZENE, TOLUENE, ETHYLBENZENE, XYLENES AND TPH AS GASOLINE USING EPA METHOD 8021B AND NWTPH-Gx

Laboratory Code: 609297-01 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	µg/L (ppb)	48	46	4
Toluene	µg/L (ppb)	35	33	6
Ethylbenzene	µg/L (ppb)	270	260	4
Xylenes	µg/L (ppb)	490	480	2
Gasoline	µg/L (ppb)	7,900	8,100	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	µg/L (ppb)	50	98	69-119
Toluene	µg/L (ppb)	50	110	70-123
Ethylbenzene	µg/L (ppb)	50	110	78-112
Xylenes	µg/L (ppb)	150	107	74-112
Gasoline	µg/L (ppb)	1,000	91	63-129

Date of Report: 10/12/06
Date Received: 10/02/06
Project: Union View LLC, F&BI 610027

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES FOR TOTAL PETROLEUM HYDROCARBONS AS DIESEL EXTENDED USING METHOD NWTPH-Dx

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	µg/L (ppb)	2,500	121	120	74-139	1

610027

SAMPLE CHAIN OF CUSTODY ME 10/2/0

Send Report To John Kane

Company Kane Env.

Address 3831 Stone Way N

City, State, ZIP Seattle Wa 98103

Phone # 206 691 0476 Fax # 206 675 0650

SAMPLERS *(signature)*

PROJECT NAME/NO. Union View LLC

PO #

REMARKS

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS		
MW-29	01A-D	9/29/06	1000	W	4	X	X	X					
MW-39	02A-D	↓	0900	↓	↓	X	X	X					
~~MW~~ MW-40	03A-D	↓	0930	↓	↓	X	X	X					
													Sa

ANALYSES REQ

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282
Fax (206) 283-5044

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SIGNATURE	PRINT NAME	COM
Relinquished by:	Steve Worsley	Ko
Received by:	Eric Young	FB.
Relinquished by:		
Received by:		