Andrew E. Cullen
Vice President
Energy and Telecommunication Services

September 29, 2011

Mr. Paresh Khatri
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: 2011 Semi-Annual Monitoring and Sampling Report
Former Penske Truck Leasing Facility
725 Julie Ann Way, Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702330.200.0001

Dear Mr. Khatri:

Subsequent to this cover letter is the 3rd quarter well monitoring report for the former Penske Truck Leasing site location at 725 Julie Ann Way, Oakland, CA.

As an authorized representative of our company, the following statement is listed below:

I, Andrew Cullen declare under penalty of perjury that the information and/or recommendations contained in the attached document or report are true and correct to the best of my knowledge

Please let me know if you have any questions or concerns.

Sincerely,

Andrew E. Cullen

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September 29, 2011

Mr. Paresh Khatri
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

(To Be Sent Via Electronic Upload to Alameda County ftp)

Re: 2011 Semi-Annual Groundwater Monitoring Report
Former Penske Truck Leasing Facility
725 Julie Ann Way, Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702330.200.0001

Dear Mr. Khatri:

Stantec Consulting Corporation (Stantec), on behalf of Penske Truck Leasing Company (Penske), has prepared this *2011 Semi-Annual Groundwater Monitoring Report* for the Former Penske Truck Leasing Facility (the site) located at 725 Julie Ann Way in Oakland, California (see Figure 1). There are ten on-site groundwater monitoring wells associated with the site (see Figure 2). Well construction details are presented on Table 1. This report documents the procedures and results of the monitoring and sampling events conducted in the Third Quarter 2011.

QUARTERLY GROUNDWATER MONITORING

Groundwater levels were measured by Blaine Tech Services, Inc. (Blaine Tech) in all ten wells in third quarter 2011 (July 25, 2011). An oil/water interface probe graduated to 0.01 foot was used to determine the presence of free-phase product. No free-phase fuel product was measured in any of the wells in July 2011. Copies of the field data sheets are included in Appendix A.

Depth-to-groundwater measurements and surveyed wellhead top-of-casing elevations were used to calculate groundwater surface elevations. Water level measurements and groundwater elevations are presented in Table 2.

SEMI-ANNUAL GROUNDWATER MONITORING AND SAMPLING PROCEDURES

On July 25 and 26, 2011, wells MW-1R, MW-2, MW-4, MW-7R, MW-8, OW-1, and OW-2 were sampled by Blaine Tech. Prior to sampling, wells were purged of approximately three well casing volumes using a diaphragm pump fitted with new, disposable tubing for each well. Well MW-4 dewatered following removal of approximately two well volumes. During purging, groundwater was periodically measured for pH, electrical conductivity, turbidity, and temperature, and visually inspected for color and the presence of free product. Downhole dissolved oxygen (DO) measurements and oxidation reduction potential (ORP) measurements were recorded pre- and post-purging at each well. Physical parameters, purge volumes for each well, visual observations, and sampling notes were recorded on field data sheets and are included in Appendix A.

Upon removal of the appropriate purge volume and stabilization of the measured field parameters, samples were collected from each well using a new, disposable bailer. Samples were collected into laboratory-supplied containers and stored cold during delivery to Curtis and Tompkins Ltd, a state-certified analytical laboratory in Berkeley, California.

ANALYTICAL PROGRAM

All of the groundwater samples were analyzed for the following constituents:

- Total petroleum hydrocarbons as gasoline (TPHg) by modified U.S. Environmental Protection Agency (EPA) Method 8015M;
- TPHd by modified EPA Method 8015M with silica gel treatment;
- Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260;
- Methyl tertiary-butyl ether (MTBE) by EPA Method 8260;
- EDC/EDB by EPA Method 8260; and,
- Naphthalene by EPA Method 8260.

WASTE MANAGEMENT AND DISPOSAL

Purge/rinsate water generated during groundwater sampling activities was stored in California Department of Transportation (DOT)-approved 55-gallon steel drums and left on-site pending characterization and disposal.

RESULTS

Groundwater Elevation Monitoring Results

Groundwater elevation data from July 25, 2011, is presented in Table 2. The potentiometric surface map generated from the data is included as Figure 3.

July 2011 depth-to-groundwater measurements ranged from 4.04 to 5.76 feet below the top of casing, corresponding to a range of groundwater elevations of 5.94 to 6.84 feet relative to the NAVD 88 datum. No sheen or measurable free-phase product was observed during the July 2011 monitoring event. Groundwater flow direction was toward the southwest (see Figure 3).

Groundwater Sample Analytical Results

Field parameter data of pH, DO, and ORP are presented in Table 3 and groundwater sample analytical results are presented in Table 4. July 2011 results for TPHd, TPHg, BTEX, and MTBE are shown on Figure 4. The following sections summarize the groundwater analytical results:

TPHd

TPHd was reported in four of the seven wells at concentrations ranging from 210 micrograms per liter (µg/L; well OW-1) to 1,000 µg/L (well MW-1R duplicate). Reported concentrations of TPHd are generally consistent with historical data, with all wells except for well MW-1R showing a decrease in concentration from the previous sampling event.

TPHg

TPHg was reported in three of seven groundwater samples at concentrations ranging from 70 µg/L (well OW-1) to 170 µg/L (well OW-2). Reported concentrations of TPHg are generally consistent with historical data.

MTBE

MTBE was reported in five of the seven groundwater samples at concentrations ranging from 1.1 µg/L (well MW-8) to 10 µg/L (well OW-1). Reported concentrations of MTBE are generally consistent with historical data.

BTEX, EDC, EDB, and Naphthalene

BTEX, EDC, EDB, and naphthalene were not detected at or above laboratory reporting limits in any of the groundwater samples analyzed, consistent with historical data.

CONCENTRATION TRENDS

The following is a summary of concentration trends for each of the chemical constituents. Plots depicting concentrations trends since 2009 are included as Figures 5 through 8. Historic concentration plots depicting data from February 1997 through August 2011 are included for reference in Appendix C.

TPHd – A plot depicting TPHd concentrations since 2009 is included as Figure 5.

- TPHd concentrations in all wells, except for well MW-1R have decreased since the previous sampling event, and are consistent with historical data.
- Concentrations of TPHd have decreased in wells MW-4, MW-7R, OW-1 and OW-2 since significantly elevated concentrations were reported during the February 2011 monitoring event. Future monitoring will determine if these lower concentrations are anomalous, or represent decreasing concentration trends in these wells.

TPHg – A plot depicting TPHg concentrations since 2009 is included as Figure 6.

- All detectable TPHg concentrations remained consistent or decreased since the previous sampling event.
- Based on the July 2011 groundwater chemical data, the TPHg concentration of 4,000 µg/L reported in well MW-7R in July 2010 appears anomalous and not indicative of an increasing concentration trend.
- TPHd concentrations in well MW-8 have continued to remain non-detect.

BTEX – A plot depicting benzene concentrations since 2009 is included as Figure 7.

- Benzene continues to be below laboratory reporting limits in all wells, representing sustained, significant decreasing trends in wells MW-1/1R and MW-7/7R.
- Toluene, ethylbenzene, and xylenes have not been detected since 2001.

MTBE – A plot depicting MTBE concentrations since 2009 is included as Figure 8.

- MTBE concentrations in site wells are typically low, with values in the 5 to 10 µg/L range in most wells. The most recent analytical results are is consistent with historical data.

EDC/EDB

- Lead scavengers EDC and EDB have not been detected in groundwater since first analyzed in April 2009.

DISCUSSION AND CONCLUSIONS

Project Status

Our understanding of work completed to date is summarized as follows:

- Groundwater chemical data from site wells accurately represent site conditions;
- Post-remediation confirmation sampling suggests that shallow soils remain impacted by weathered and/or degraded petroleum hydrocarbons; and,
- Chemical impacts to groundwater are limited to the western portion of the site adjacent to the former underground storage tanks (USTs), and are limited to TPHd and TPHg (no BTEX). Concentrations of petroleum hydrocarbons in groundwater have generally decreased since treatment with Fenton's reagent in 2000.

Penske has completed site characterization activities from 2008 until present as requested by Health Department staff, and Stantec considers chemical impacts at the site to be well-defined. Penske and Stantec respectfully request a meeting to discuss the regulatory status of the site and identify the risk-driving aspects precluding the site from case closure.

Sincerely,

STANTEC CONSULTING CORPORATION

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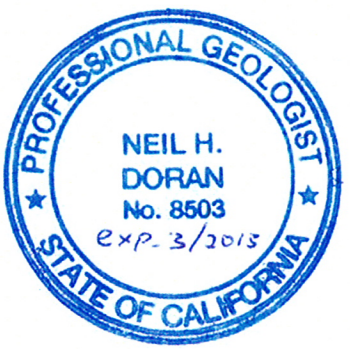

cc: Mr. Andrew Cullen, Penske Truck Leasing, Reading PA

List of Attachments

Table 1	Well Construction Details
Table 2	Groundwater Elevation Data
Table 3	Field Parameter Data
Table 4	Groundwater Analytical Results
Figure 1	Site Location Map
Figure 2	Site Plan
Figure 3	Groundwater Elevation Surface Contour Map – July 2011
Figure 4	Fuel Hydrocarbons Constituents in Groundwater – July 2011
Figure 5	TPHd versus Time, April 2009 to August 2011
Figure 6	TPHg versus Time, April 2009 to August 2011
Figure 7	Benzene versus Time, April 2009 to August 2011
Figure 8	MTBE versus Time, April 2009 to August 2011
Appendix A	Groundwater Sample Collection Logs
Appendix B	Water Sample Laboratory Reports and Chain-of-Custody Forms
Appendix C	Concentration Plots – 1997 to 2011

TABLES

2011 Semi-Annual Monitoring and Sampling Report
Former Penske Truck Leasing Facility
725 Julie Ann Way, Oakland, California
Alameda County Site ID RO0000354
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September 29, 2011

TABLE 1

WELL CONSTRUCTION DETAILS

Former Penske Facility - 725 Julie Ann Way , Oakland, CA

Well	Latitude	Longitude	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Slot Size (inches)	Screen Length (feet)	Screen Interval (feet bgs)	Top of Casing Elevation
MW-1R	37.7597443	-122.20913	20	2	0.02	16.5	3.5 - 20.0	11.02
MW-2	37.7599047	-122.20890	30	2	0.02	20	10.0 - 30.0	11.87
MW-3	37.7599598	-122.20902	35	2	0.02	25	10.0 - 35.0	11.79
MW-4	37.7598508	-122.20922	33.5	2	0.02	27	6.5 - 33.5	10.88
MW-5	37.7600163	-122.20942	35	2	0.02	25	6.0 - 31.0	10.41
MW-6	37.7601553	-122.20923	25	2	0.02	10	15.0 - 25.0	11.05
MW-7R	37.7597618	-122.2092	20	2	0.02	16.5	3.5 - 20.0	10.84
MW-8	37.7598006	-122.20932	28	2	0.02	18	10.0 - 28.0	10.75
OW-1	37.7598218	-122.20913	13.5	2	0.02	na	na	10.75
OW-2	37.7598650	-122.20911	14.0	2	0.02	na	na	11.03

California State Plane Coordinates, NAVD88; survey conducted by Mid Coast Engineers, Watsonville, California, April 26, 2011.

ft. bgs = feet below ground surface

TABLE 2
GROUNDWATER ELEVATION DATA
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	Elevation (Feet)[(a)]	Depth to Water (Feet)	Groundwater Elevation (Feet)
MW-1	02/20/97	11.02	5.41	5.61
	05/28/97		5.98	5.04
	09/19/97		6.45	4.57
	11/17/97		6.14	4.88
	02/27/98		4.83	6.19
	05/27/98		6.42	4.60
	10/01/98		6.49	4.53
	12/22/98		6.35	4.67
	03/14/00		4.95	6.07
	06/28/00		5.54	5.48
	09/14/00		6.41	4.61
	12/11/00		6.08	4.94
	03/14/01		6.11	4.91
	06/13/01		5.68	5.34
	08/29/01		6.13	4.89
	12/12/01		5.31	5.71
	04/11/02		5.21	5.81
	12/05/02		5.85	5.17
	04/22/09		5.03	5.99
	Well MW-1 abandoned on January 11, 2010 and replaced with well MW-1R on January 12, 2010.			
MW-1R	02/08/10	11.02	4.41	6.61
	05/10/10		4.58	6.44
	07/16/10		4.98	6.04
	10/04/10		5.57	5.45
	02/03/11		4.92	6.10
	04/11/11		4.40	6.62
	07/25/11		4.84	6.18
MW-2	02/20/97	11.87	6.26	5.61
	05/28/97		6.65	5.22
	09/19/97		6.90	4.97
	11/17/97		6.75	5.12
	02/27/98		5.31	6.56
	05/27/98		5.87	6.00
	10/01/98		6.95	4.92
	12/22/98		6.70	5.17
	03/15/00		5.45	6.42
	06/28/00		6.37	5.50
	09/14/00		6.86	5.01
	12/11/00		7.33	4.54
	03/14/01		5.75	6.12
	06/13/01		6.33	5.54
	08/29/01		6.71	5.16
	12/12/01		5.92	5.95
	04/11/02		5.88	5.99
	12/05/02		6.56	5.31
	04/22/09		5.52	6.35
	02/08/10		5.28	6.59
	05/10/10		5.46	6.41
	07/16/10		5.80	6.07
	10/04/10		5.32	6.55
	02/03/11		5.83	6.04
	04/11/11		5.35	6.52
	07/25/11		5.76	6.11

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GROUNDWATER ELEVATION DATA
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	Elevation (Feet)[(a)]	Depth to Water (Feet)	Groundwater Elevation (Feet)
MW-3	02/20/97	11.79	6.36	5.43
	05/28/97		6.62	5.17
	09/19/97		6.83	4.96
	11/17/97		6.77	5.02
	02/27/98		5.38	6.41
	05/27/98		6.05	5.74
	10/01/98		6.95	4.84
	12/22/98		6.73	5.06
	03/14/00		NM	NM
	06/28/00		6.37	5.42
	09/14/00		7.06	4.73
	12/11/00		6.68	5.11
	03/14/01		5.85	5.94
	06/13/01		6.34	5.45
	08/29/01		6.70	5.09
	12/12/01		5.95	5.84
	04/11/02		5.86	5.93
	12/05/02		6.55	5.24
	04/22/09		NM	NM
	02/08/10		5.31	6.48
	05/10/10		5.52	6.27
	07/16/10		5.90	5.89
	10/04/10		6.28	5.51
	02/03/11		5.33	6.46
	04/11/11		5.37	6.42
	07/25/11		5.71	6.08
MW-4	02/20/97	10.88	5.29	5.59
	05/28/97		5.66	5.22
	09/19/97		6.00	4.88
	11/17/97		6.06	4.82
	02/27/98		4.66	6.22
	05/27/98		5.98	4.90
	10/01/98		5.23	5.65
	12/22/98		6.57	4.31
	03/14/00		4.86	6.02
	06/28/00		5.55	5.33
	09/14/00		6.05	4.83
	12/11/00		5.93	4.95
	03/14/01		5.04	5.84
	06/13/01		5.25	5.63
	08/29/01		5.89	4.99
	12/12/01		5.14	5.74
	04/11/02		4.96	5.92
	12/05/02		5.68	5.20
	04/22/09		4.67	6.21
	02/08/10		4.71	6.17
	05/10/10		4.55	6.33
	07/16/10		5.12	5.76
	10/04/10		5.49	5.39
	02/03/11		5.13	5.75
	04/11/11		4.29	6.59
	07/25/11		4.04	6.84

TABLE 2
GROUNDWATER ELEVATION DATA
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	Elevation (Feet)[(a)]	Depth to Water (Feet)	Groundwater Elevation (Feet)
MW-5	02/20/97	10.41	4.68	5.73
	05/28/97		5.21	5.20
	09/19/97		5.43	4.98
	11/17/97		5.28	5.13
	02/27/98		4.10	6.31
	05/27/98		5.40	5.01
	10/01/98		5.42	4.99
	12/22/98		5.40	5.01
	03/14/00		NM	NM
	06/28/00		5.11	5.30
	09/14/00		NM	NM
	12/11/00		5.48	4.93
	03/14/01		4.57	5.84
	06/13/01		5.05	5.36
	08/29/01		5.34	5.07
	12/12/01		4.79	5.62
	04/11/02		4.66	5.75
	12/05/02		5.32	5.09
	04/22/09		NM	NM
	02/08/10		4.13	6.28
	05/10/10		4.20	6.21
	07/16/10		4.44	5.97
	10/04/10		4.97	5.44
	02/03/11		4.51	5.90
	04/11/11		4.00	6.41
	07/25/11		4.44	5.97
MW-6	02/20/97	11.05	5.38	5.67
	05/28/97		5.93	5.12
	09/19/97		6.15	4.90
	11/17/97		6.06	4.99
	02/27/98		4.74	6.31
	05/27/98		5.40	5.65
	10/01/98		6.37	4.68
	12/22/98		6.06	4.99
	03/14/00		NM	NM
	06/28/00		6.71	4.34
	09/14/00		6.17	4.88
	12/11/00		NM	NM
	03/14/01		5.11	5.94
	06/13/01		6.65	4.40
	08/29/01		6.00	5.05
	12/12/01		5.33	5.72
	04/11/02		5.15	5.90
	12/05/02		5.90	5.15
	04/22/09		NM	NM
	02/08/10		4.56	6.49
	05/10/10		4.79	6.26
	07/16/10		5.03	6.02
	10/04/10		5.57	5.48
	02/03/11		5.24	5.81
	04/11/11		4.71	6.34
	07/25/11		5.05	6.00

TABLE 2
GROUNDWATER ELEVATION DATA
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	Elevation (Feet)[(a)]	Depth to Water (Feet)	Groundwater Elevation (Feet)
MW-7	02/20/97	10.84	5.70	5.14
	05/28/97		5.46	5.38
	09/19/97		5.91	4.93
	11/17/97		5.59	5.25
	02/27/98		4.68	6.16
	05/27/98		5.17	5.67
	10/01/98		5.80	5.04
	12/22/98		5.78	5.06
	03/14/00		4.50	6.34
	06/28/00		5.51	5.33
	09/14/00		5.93	4.91
	12/11/00		5.72	5.12
	03/14/01		4.58	6.26
	06/13/01		5.18	5.66
	08/29/01		5.53	5.31
	12/12/01		4.73	6.11
	04/11/02		4.68	6.16
	12/05/02		5.25	5.59
	04/22/09		4.58	6.26
	Well MW-7 abandoned on January 11, 2010 and replaced with well MW-7R on January 12, 2010.			
MW-7R	02/08/10	10.84	4.28	6.56
	05/10/10		4.55	6.29
	07/16/10		4.82	6.02
	10/04/10		5.42	5.42
	02/03/11		4.98	5.86
	04/11/11		4.63	6.21
	07/25/11		4.78	6.06
MW-8	02/20/97	10.75	5.10	5.65
	05/28/97		5.68	5.07
	09/19/97		5.95	4.80
	11/17/97		5.91	4.84
	02/27/98		4.50	6.25
	05/27/98		6.10	4.65
	10/01/98		6.13	4.62
	12/22/98		6.10	4.65
	03/14/00		5.01	5.74
	06/28/00		5.47	5.28
	09/14/00		5.99	4.76
	12/11/00		5.84	4.91
	03/14/01		4.90	5.85
	06/13/01		5.40	5.35
	08/29/01		5.80	4.95
	12/12/01		5.05	5.70
	04/11/02		4.95	5.80
	12/05/02		5.42	5.33
	04/22/09		4.94	5.81
	02/08/10		4.31	6.44
	05/10/10		4.54	6.21
	07/16/10		4.80	5.95
	10/04/10		5.38	5.37
	02/03/11		5.93	4.82
	04/11/11		4.45	6.30
	07/25/11		4.81	5.94

TABLE 2
GROUNDWATER ELEVATION DATA
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	Elevation (Feet)[(a)]	Depth to Water (Feet)	Groundwater Elevation (Feet)
OW-1	03/15/00	10.75	4.47	6.28
	06/29/00		4.95	5.80
	08/29/01		5.01	5.74
	09/14/00		5.31	5.44
	12/11/00		5.17	5.58
	03/14/01		4.54	6.21
	06/13/01		4.75	6.00
	12/12/01		4.80	5.95
	04/11/02		4.52	6.23
	12/05/02		5.13	5.62
	04/22/09		4.19	6.56
	02/08/10		4.20	6.55
	05/10/10		4.13	6.62
	07/16/10		4.31	6.44
	10/04/10		4.64	6.11
	02/03/11		4.45	6.30
	04/11/11		4.01	6.74
	07/25/11		4.21	6.54
OW-2	03/15/00	11.03	4.76	6.27
	06/29/00		5.15	5.88
	09/14/00		5.60	5.43
	12/11/00		5.45	5.58
	03/14/01		4.77	6.26
	06/13/01		5.01	6.02
	08/29/01		5.31	5.72
	12/12/01		5.10	5.93
	04/11/02		4.83	6.20
	12/05/02		5.42	5.61
	04/22/09		4.52	6.51
	02/08/10		4.41	6.62
	05/10/10		4.49	6.54
	07/16/10		4.47	6.56
	10/04/10		4.93	6.10
	02/03/11		4.65	6.38
	04/11/11		4.28	6.75
	07/25/11		4.51	6.52

Notes:

(a) - All well elevations surveyed to the NAV 88 datum on April 26, 2011.
Destroyed wells MW-1 and MW-7 were assumed to have the same elevation as the replacement wells.

NM - Not Measured

TABLE 3
FIELD PARAMETER DATA
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	pH (units)	D.O. (mg/L)	ORP (millivolts)
MW-1	12/28/99	7.92	0.87	-211
	03/14/00	7.29	1.12	-23
	06/28/00	8.26	0.55	-248
	09/14/00	6.92	0.36	-316
	12/11/00	7.05	1.34	-55
	03/14/01	7.07	1.24	-66
	06/13/01	7.05	1.20	-109
	08/29/01	7.78	NM	-63
	12/12/01	6.93	1.28	-4
	04/12/02	6.72	0.37	-56
	12/05/02	7.01	NM	-79
	04/22/09	6.94	0.08	-57/102
	Well MW-1 abandoned on January 11, 2010 and replaced with well MW-1R on January 12, 2010.			
MW-1R	02/08/10	7.27	1.07	NM
	07/16/10	7.14	0.15	-139/-152
	02/03/11	6.92	0.59	-225/-234
	07/25/11	7.32	0.20	-155/-139
MW-2	12/28/99	7.94	0.96	-38
	03/15/00	7.28	1.43	-255
	06/28/00	7.52	0.89	-221
	09/14/00	7.44	0.61	-310
	12/11/00	7.28	1.96	24
	03/14/01	7.34	1.46	11
	06/13/01	7.07	0.95	-12
	08/29/01	7.24	NM	70
	12/12/01	7.13	0.88	13
	04/11/02	7.25	0.66	126
	12/05/02	7.01	0.14	-32
	04/22/09	6.91	0.17	143/-12
	02/08/10	6.91	3.56	NM
	07/16/10	7.19	0.40	104/72
	02/04/11	7.36	1.03	174/196
	07/25/11	6.97	0.29	132/-8
MW-4	12/28/99	7.38	0.80	-201
	03/14/00	6.97	2.11	35
	06/28/00	6.87	3.57	-34
	09/14/00	7.23	1.06	16
	12/11/00	6.99	2.27	74
	03/14/01	6.81	1.28	-91
	06/13/01	6.97	0.97	-30
	08/29/01	7.45	NM	104
	12/13/01	6.88	0.34	199
	04/12/02	6.77	0.95	12
	12/05/02	6.81	0.56	-13
	04/22/09	6.71	0.16	-67/-68
	02/08/10	6.92	2.38	NM
	02/04/11	7.68	0.77	-7/80
	07/25/11	7.41	0.51	-118/-123

TABLE 3
FIELD PARAMETER DATA
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	pH (units)	D.O. (mg/L)	ORP (millivolts)
MW-5	12/28/99	7.55	1.14	-118
	06/28/00	7.57	1.79	-103
	12/11/00	7.28	4.14	-11
	06/13/01	7.04	3.61	-44
	12/13/01	7.05	3.26	52
	04/11/02	7.04	2.28	-524
MW-6	07/16/10	6.99	0.47	-107/-124
MW-7	12/28/99	7.94	1.30	-58
	03/14/00	7.23	1.05	-260
	06/28/00	7.18	5.76	-164
	09/14/00	7.06	0.65	-306
	12/12/00	7.02	1.25	-70
	03/14/01	7.10	0.94	-6
	06/13/01	7.03	1.77	-94
	08/29/01	7.34	NM	58
	12/12/01	7.09	0.98	47
	04/12/02	6.60	0.71	0
	12/05/02	6.96	0.14	10
	04/22/09	7.09	0.17	-37/-98
	Well MW-7 abandoned on January 11, 2010 and replaced with well MW-7R on January 12, 2010.			
MW-7R	02/08/10	7.43	2.32	NM
	07/16/10	7.28	0.12	-148/-105
	02/04/11	7.47	1.03	56/50
	07/25/11	7.74	0.27	-109/-99
MW-8	12/28/99	7.79	0.42	-136
	03/14/00	7.05	1.53	-27
	06/28/00	8.86	1.87	-77
	09/14/00	7.32	1.07	-166
	12/12/00	7.05	1.16	-61
	03/14/01	7.21	2.55	16
	06/13/01	7.10	2.43	-21
	08/29/01	7.52	NM	9
	12/13/01	7.15	1.55	12
	04/12/02	6.58	1.83	-10
	12/05/02	6.91	0.07	-88
	04/22/09	7.13	2.72	98/30
	02/08/10	7.09	3.58	NM
	07/16/10	7.26	0.29	68/0
	02/04/11	7.47	1.88	151/123
	07/25/11	7.38	0.36	-44/-59

TABLE 3
FIELD PARAMETER DATA
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	pH (units)	D.O. (mg/L)	ORP (millivolts)
OW-1	12/28/99	7.67	0.99	-89
	03/15/00	7.31	1.16	-55
	06/29/00	6.34	3.29	-48
	09/14/00	7.02	0.98	-115
	12/12/00	6.94	1.98	-5
	03/14/01	7.04	2.89	-5
	06/13/01	6.76	1.11	-58
	08/29/01	7.04	NM	-39
	12/12/01	6.83	1.17	-46
	04/11/02	7.19	0.75	-31
	12/05/02	6.88	0.03	-79
	04/22/09	6.80	0.29	-77/-88
	02/08/10	6.98	2.91	NM
	07/16/10	7.03	0.41	-81/-118
	02/04/11	7.10	1.10	-42/-89
	07/25/11	7.06	0.37	-108/-121
OW-2	12/28/99	7.69	1.79	-58
	03/15/00	7.25	0.99	-35
	06/29/00	6.44	2.39	-66
	09/14/00	7.21	1.33	-89
	12/12/00	6.90	1.44	-76
	03/14/01	7.16	2.68	-54
	06/13/01	6.97	1.15	-92
	08/29/01	7.16	NM	-93
	12/12/01	6.81	1.36	-61
	04/11/02	7.08	0.89	-44
	12/05/02	6.85	0.01	-95
	04/22/09	6.89	0.35	-103/-90
	02/08/10	7.10	2.12	NM
	07/16/10	7.11	0.38	-107/-13
	02/04/11	7.24	1.06	13/-89
	07/25/11	7.17	0.42	-144/-121

Notes:
D.O. - Dissolved Oxygen
mg/L - milligrams per liter
ORP - Oxidation Reduction Potential
NM - Not Measured

TABLE 4
GROUNDWATER ANALYTICAL RESULTS
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	TPHd	TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	Ethylene Dichloride	Ethylene Dibromide	Naphthalene
		(µ/L)									
MW-1	02/20/97	200,000	2,900	260	61	42	96	NS	NA	NA	NA
	05/28/97	28,000	2,100	230	42	55	110	NS	NA	NA	NA
	09/19/97	2,700,000	110,000	230	140	250	700	ND	NA	NA	NA
	11/17/97	950,000	40,000	240	190(c)	270(c)	880(c)	ND(c)	NA	NA	NA
	02/27/98	1,200,000	380,000	50	50	200	800	ND	NA	NA	NA
	05/27/98	280,000	13,000	110	13	66	390	ND	NA	NA	NA
	10/01/98	63,000	1,300	43	1.2	15	84	ND	NA	NA	NA
	12/22/98	79,000	2,000	32	ND(e)	23(e)	130(e)	ND	NA	NA	NA
	12/28/99	43,000	1,700	49	1.3	11	24	ND	NA	NA	NA
	03/14/00	4,300	540	59	1.3	12	23	NA	NA	NA	NA
	06/28/00	290,000	1,300	26	ND	ND	23	ND	NA	NA	NA
	09/14/00	770,000	1,100	34	ND	3.9	17	ND	NA	NA	NA
	12/11/00	28,000	2,000	10	ND	ND	9.3	ND	NA	NA	NA
	03/14/01	8,400	350	12	ND	ND	ND	ND	NA	NA	NA
	06/13/01	13,000	340	6.4	ND	ND	1.6	ND	NA	NA	NA
	08/29/01	26,000	140	0.5	ND	ND	ND	ND	NA	NA	NA
	12/12/01	5,600	160	0.65	ND	ND	ND	ND	NA	NA	NA
	04/12/02	23,000	260	3.4	ND	ND	ND	NA	NA	NA	NA
	12/05/02	17,000	340	2.2	ND	ND	ND	6.0	NA	NA	NA
	04/22/09	3,200	240	<0.50	<0.50	<0.50	<1.0	2.6	<0.50	<0.50	<0.50
	DUP	12,000	310	<0.50	<0.50	<0.50	<1.0	2.8	<0.50	<0.50	<0.50
	Well MW-1 abandoned on January 11, 2010 and replaced with well MW-1R on January 12, 2010.										
MW-1R	02/08/10	5,600	120 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dup	02/08/10	5,800	110 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/16/10	770	110 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dup	07/16/10	960	120 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
9 feet	02/03/11	420	97 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
18 feet	02/03/11	860	98 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
std	02/03/11	910	110 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/25/11	500	83 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Dup	07/25/11	1,000	88 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-2	02/20/97	1,000(h)	ND	ND	ND	ND	ND	NS	NA	NA	NA
	05/28/97	3,700(b,h)	ND	ND	ND	ND	ND	NS	NA	NA	NA
	09/19/97	4100	ND	ND	ND	ND	ND	ND	NA	NA	NA
	11/17/97	1300	ND	ND	ND	ND	ND	ND	NA	NA	NA
	02/27/98	340	ND	ND	0.9	ND	ND	ND	NA	NA	NA
	05/27/98	1300	ND	ND	ND	ND	ND	ND	NA	NA	NA
	10/01/98	3,500(i)	3,200	ND	ND	ND	ND	ND	NA	NA	NA
	12/22/98	1,200(j,k)	67(d)	ND	ND	ND	ND	ND	NA	NA	NA
	12/28/99	750	ND	ND	ND	ND	ND	ND	NA	NA	NA
	03/15/00	92	ND	ND	ND	ND	ND	ND	NA	NA	NA
	06/28/00	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
	09/14/00	120	ND	ND	ND	ND	ND	ND	NA	NA	NA
	12/11/00	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
	03/14/01	75	ND	ND	ND	ND	ND	ND	NA	NA	NA
	06/13/01	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
	08/29/01	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
	12/12/01	150*	ND	ND	ND	ND	ND	ND	NA	NA	NA
	04/12/02	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	12/05/02	57*	ND	ND	ND	ND	ND	ND	NA	NA	NA
	04/22/09	140	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50
	02/08/10	870(k)	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50
	07/16/10	<50	<50	<0.50	<0.50	<0.50	<1.0	1.5	<0.50	<0.50	<0.50
	02/04/11	90(k)	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/25/11	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE 4
GROUNDWATER ANALYTICAL RESULTS
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	TPHd	TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	Ethylene Dichloride	Ethylene Dibromide	Naphthalene
		(µ/L)									
MW-3	02/20/97	140[h]	ND	ND	ND	ND	ND	NS	NA	NA	NA
	05/28/97	240[b,h]	ND	ND	ND	ND	ND	NS	NA	NA	NA
	09/19/97	ND	ND	0.7	ND	ND	ND	ND	NA	NA	NA
	11/17/97	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
	02/27/98	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
	05/27/98	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA
	10/01/98	56[l]	ND	ND	ND	ND	ND	ND	NA	NA	NA
	12/22/98	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	12/28/99	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	03/14/00	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	06/28/00	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	09/14/00	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	12/11/00	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	03/14/01	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	06/13/01	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	08/29/01	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	12/13/01	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	04/11/02	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	12/05/02	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	Well MW-3 no longer included in sampling program										
MW-4	02/20/97	470,000	64,000	ND	ND	ND	ND	NS	NA	NA	NA
	05/28/97	1,000,000	11,000	ND	ND	ND	ND	NS	NA	NA	NA
	09/19/97	2,600,000	37,000	260	ND	ND	ND	ND	NA	NA	NA
	11/17/97	57,000	4,400	25	ND[c]	ND[c]	ND[c]	ND[c]	NA	NA	NA
	02/27/98	9,300	580	2.7	0.8	0.8	3	ND	NA	NA	NA
	05/27/98	11,000	3,900	1.4	0.6	ND	ND	ND	NA	NA	NA
	10/01/98	670,000	2,400	5.7	ND	ND	4.6	ND	NA	NA	NA
	12/22/98	3,700	200	ND[p]	ND[p]	ND[p]	ND[p]	ND[p]	NA	NA	NA
	12/28/99	5,800	1,000	ND	ND	ND	ND	ND	NA	NA	NA
	03/14/00	4,800	350	ND	ND	ND	ND	NA	NA	NA	NA
	06/28/00	8,400	120	ND	ND	ND	ND	ND	NA	NA	NA
	09/14/00	19,000	130	ND	ND	ND	ND	ND	NA	NA	NA
	12/11/00	730	120	ND	ND	ND	ND	ND	NA	NA	NA
	03/14/01	580	50	ND	ND	ND	ND	ND	NA	NA	NA
	06/13/01	260	54	ND	ND	ND	ND	ND	NA	NA	NA
	08/29/01	30,000	940	ND	ND	ND	ND	ND	NA	NA	NA
	12/13/01	260	50	ND	ND	ND	ND	ND	NA	NA	NA
	04/12/02	230	50	ND	ND	ND	ND	NA	NA	NA	NA
	12/05/02	1,500	50	ND	ND	ND	ND	ND	NA	NA	NA
	04/22/09	13,000	480	<0.50	<0.50	<0.50	<0.50	3.0	<0.50	<0.50	<0.50
	02/08/10	12,000	120 [k]	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	<0.50	<0.50
	07/16/10	2,700	210 [k]	<0.50	<0.50	<0.50	<0.50	4.2	<0.50	<0.50	<0.50
	02/04/11	26,000	1600 [k]	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	<0.50
	07/25/11	720	<50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<0.50	<0.50
MW-5	02/20/97	1,100[h]	ND	ND	ND	ND	ND	NS	NA	NA	NA
	05/28/97	560[b,q]	60[m]	ND	ND	ND	ND	NS	NA	NA	NA
	09/19/97	1,000	70	ND	ND	ND	ND	ND	NA	NA	NA
	11/17/97	1,100	70	0.6	0.7	0.5	ND	5	NA	NA	NA
	02/27/98	ND	ND	ND	ND	ND	ND	5	NA	NA	NA
	05/27/98	770	ND	ND	ND	ND	ND	ND	NA	NA	NA
	10/01/98	630	ND	ND	ND	ND	ND	ND	NA	NA	NA
	12/22/98	890[r]	ND	ND	ND	ND	ND	ND	NA	NA	NA
	12/28/99	440	ND	ND	ND	ND	ND	ND	NA	NA	NA
	03/15/00	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	06/28/00	110*	ND	ND	ND	ND	ND	ND	NA	NA	NA
	09/14/00	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	12/11/00	130	ND	ND	ND	ND	ND	ND	NA	NA	NA
	03/14/01	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	06/13/01	120	ND	ND	ND	ND	ND	ND	NA	NA	NA
	08/29/01	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	12/13/01	530*	ND	ND	ND	ND	ND	ND	NA	NA	NA
	04/11/02	230*	ND	ND	ND	ND	ND	NA	NA	NA	NA
	Well MW-5 no longer included in sampling program										

TABLE 4
GROUNDWATER ANALYTICAL RESULTS
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	TPHd	TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	Ethylene Dichloride	Ethylene Dibromide	Naphthalene
		(µ/L)									
MW-7	02/20/97	1,500,000	15,000	81	51	ND	ND	NS	NA	NA	NA
	05/28/97	440,000	390,000	ND	ND	ND	ND	NS	NA	NA	NA
	09/19/97	910,000	3,600	110	64	37	ND	ND	NA	NA	NA
	11/17/97	18,000,000	15,000	110	41(c)	12(c)	110(c)	ND(c)	NA	NA	NA
	02/27/98	290,000	45,000	80	60	ND	ND	ND	NA	NA	NA
	05/27/98	1,600	140	2.3	0.9	0.9	3	ND	NA	NA	NA
	10/01/98	89,000	710	39	2.4	11	31	ND	NA	NA	NA
	12/22/98	240,000	3,900	51	ND	ND	ND	ND	NA	NA	NA
	12/28/99	300,000	2,300	51	5.3	13	27	ND	NA	NA	NA
	03/14/00	640,000	620	31	5.3	9.9	31	NA	NA	NA	NA
	06/28/00	2,900,000	3,200(k)	15	ND	3.2	30	ND	NA	NA	NA
	09/14/00	15,000,000	1,900	11	ND	10	39	ND	NA	NA	NA
	12/12/00	340,000	4,500	5	ND	ND	17	ND	NA	NA	NA
	03/14/01	170,000	8,000	5	ND	ND	ND	ND	NA	NA	NA
	06/13/01	19,000	100	0.99	ND	ND	ND	6.2	NA	NA	NA
	08/29/01	27,000	120	3.9	ND	ND	ND	5	NA	NA	NA
	12/12/01	6,900	610	0.5	ND	ND	ND	ND	NA	NA	NA
	04/12/02	2,600	110	0.5	ND	ND	ND	NA	NA	NA	NA
	12/05/02	9,100	290	0.5	ND	ND	ND	5.7	NA	NA	NA
	04/22/09	1,900	56	<0.50	<0.50	<0.50	<1.0	3.4	<0.50	<0.50	<0.50
	Well MW-7 abandoned on January 11, 2010 and replaced with well MW-7R on January 12, 2010.										
MW-7R	02/08/10	560	52 (k)	0.63	<0.50	<0.50	<0.50	2.4	<0.50	<0.50	<0.50
	07/16/10	12,000	4,000 (k)	2.6	<50	0.8	6.9	2.5	<50	<50	<50
9 feet	02/03/11	690	60 (k)	<0.50	<0.50	<0.50	<0.50	1.9	<0.50	<0.50	<0.50
18 feet	02/03/11	430	59(k)	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<0.50	<0.50
std	02/03/11	1,200	120 (k)	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<0.50	<0.50
	07/25/11	<50	<50	<0.50	<0.50	<0.50	<0.50	1.9	<0.50	<0.50	<0.50
MW-8	02/20/97	2,500	340(a)	2.1	53	7.1	94	NS	NA	NA	NA
	05/28/97	200(b,s)	480(a)	2.5	12	ND	76	NS	NA	NA	NA
	09/19/97	7,000	1,000	0.8	5	0.5	130	ND	NA	NA	NA
	11/17/97	520	250	1.4	2.1	0.7	3	ND	NA	NA	NA
	02/27/98	150	ND	ND	ND	ND	ND	ND	NA	NA	NA
	05/27/98	70	ND	ND	ND	ND	ND	ND	NA	NA	NA
	10/01/98	440(t)	ND	ND	ND	ND	ND	ND	NA	NA	NA
	12/22/98	NS	NS	NS	NS	NS	NS	NS	NA	NA	NA
	12/28/99	130	ND	ND	ND	ND	ND	ND	NA	NA	NA
	03/14/00	170	ND	ND	ND	ND	ND	NA	NA	NA	NA
	06/28/00	300*	ND	ND	ND	ND	ND	ND	NA	NA	NA
	09/14/00	310	ND	ND	ND	ND	ND	ND	NA	NA	NA
	12/11/00	15,000	ND	ND	ND	ND	ND	ND	NA	NA	NA
	03/14/01	130	ND	ND	ND	ND	ND	ND	NA	NA	NA
	06/13/01	100	ND	ND	ND	ND	ND	ND	NA	NA	NA
	08/29/01	160*	ND	ND	ND	ND	ND	ND	NA	NA	NA
	12/13/01	97*	ND	ND	ND	ND	ND	ND	NA	NA	NA
	04/12/02	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA
	12/05/02	97	ND	ND	ND	ND	ND	ND	NA	NA	NA
	04/22/09	<50	<50	<0.50	<0.50	<0.50	<1.0	2.9	<0.50	<0.50	<0.50
	02/08/10	360 (k)	<50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<0.50	<0.50
	07/16/10	<50	<50	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	<0.50	<0.50
	02/04/11	62 (k)	<50	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	<0.50	<0.50
	07/25/11	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<0.50

TABLE 4
GROUNDWATER ANALYTICAL RESULTS
FORMER PENSKE TRUCK LEASING FACILITY
725 Julie Ann Way, Oakland, California

Well No.	Date	TPHd	TPHg	Benzene	Toluene	Ethyl Benzene	Xylenes	MTBE	Ethylene Dichloride	Ethylene Dibromide	Naphthalene
		(µ/L)									
OW-1	12/28/99	7,700	3,400	11	ND	ND	2.6	ND	NA	NA	NA
	03/15/00	5,300	700	1.7	ND	ND	ND	ND	NA	NA	NA
	06/29/00	1,300*	140(k)	4	ND	ND	2.2	6.6	NA	NA	NA
	09/14/00	5,800	180	ND	ND	ND	ND	ND	NA	NA	NA
	12/12/00	230	110	3.4	ND	ND	ND	ND	NA	NA	NA
	03/14/01	2,200	110	4	ND	ND	0.5	ND	NA	NA	NA
	06/13/01	1,500	120	2.5	ND	ND	ND	ND	NA	NA	NA
	08/29/01	1,200*	130(k)	ND	ND	ND	ND	ND	NA	NA	NA
	12/12/01	3,100*	76(k)	ND	ND	ND	ND	ND	NA	NA	NA
	04/11/02	3,600*	300(k)	ND	ND	ND	ND	NA	NA	NA	NA
	12/05/02	490*	78(k)	ND	ND	ND	ND	ND	NA	NA	NA
	04/22/09	1,600	130	<0.50	<0.50	<0.50	<1.0	8.9	<0.50	<0.50	<0.50
	02/08/10	11,000	<50	<0.50	<0.50	<0.50	<0.50	5.1	<0.50	<0.50	<0.50
	07/16/10	85	57 (k)	<0.50	<0.50	<0.50	<0.50	4.3	<0.50	<0.50	<0.50
	02/04/11	17,000	140 (k)	<0.50	<0.50	<0.50	<0.50	5.9	<0.50	<0.50	<0.50
	07/25/11	210	70 (k)	<0.50	<0.50	<0.50	<0.50	10	<0.50	<0.50	<0.50
OW-2	12/28/99	3,300	770	36	ND	ND	1.7	16	NA	NA	NA
	03/15/00	1,100	350	24	ND	ND	ND	9.3	NA	NA	NA
	06/29/00	850	160	7.4	ND	ND	ND	13	NA	NA	NA
	09/14/00	6,300	590	26	0.79	ND	1.7	17	NA	NA	NA
	12/12/00	320	210	6.6	ND	ND	ND	7.4	NA	NA	NA
	03/14/01	960	320	5.6	ND	ND	ND	ND	NA	NA	NA
	06/13/01	900	250	2.9	ND	ND	ND	10	NA	NA	NA
	08/29/01	1,400	270	5.3	ND	ND	ND	ND	NA	NA	NA
	12/12/01	4,100	280	14	ND	ND	ND	11	NA	NA	NA
	04/11/02	4,100	820	6.4	ND	ND	ND	NA	NA	NA	NA
	12/05/02	500	230	0.5	ND	ND	ND	5.6	NA	NA	NA
	04/22/09	2,100	210	<0.50	<0.50	<0.50	<1.0	6.8	<0.50	<0.50	<0.50
	02/08/10	10,000	140 (k)	<0.50	<0.50	<0.50	<0.50	4.9	<0.50	<0.50	<0.50
	07/16/10	2,000	210 (k)	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	<0.50	<0.50
	02/04/11	2,200	260 (k)	<0.50	<0.50	<0.50	<0.50	6.2	<0.50	<0.50	<0.50
	07/25/11	250	170 (k)	<0.50	<0.50	<0.50	<0.50	9.9	<0.50	<0.50	<0.50
TB	02/08/10	NA	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/16/10	NA	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	02/03/11	NA	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/25/11	NA	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
EB	02/08/10	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/16/10	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/25/11	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

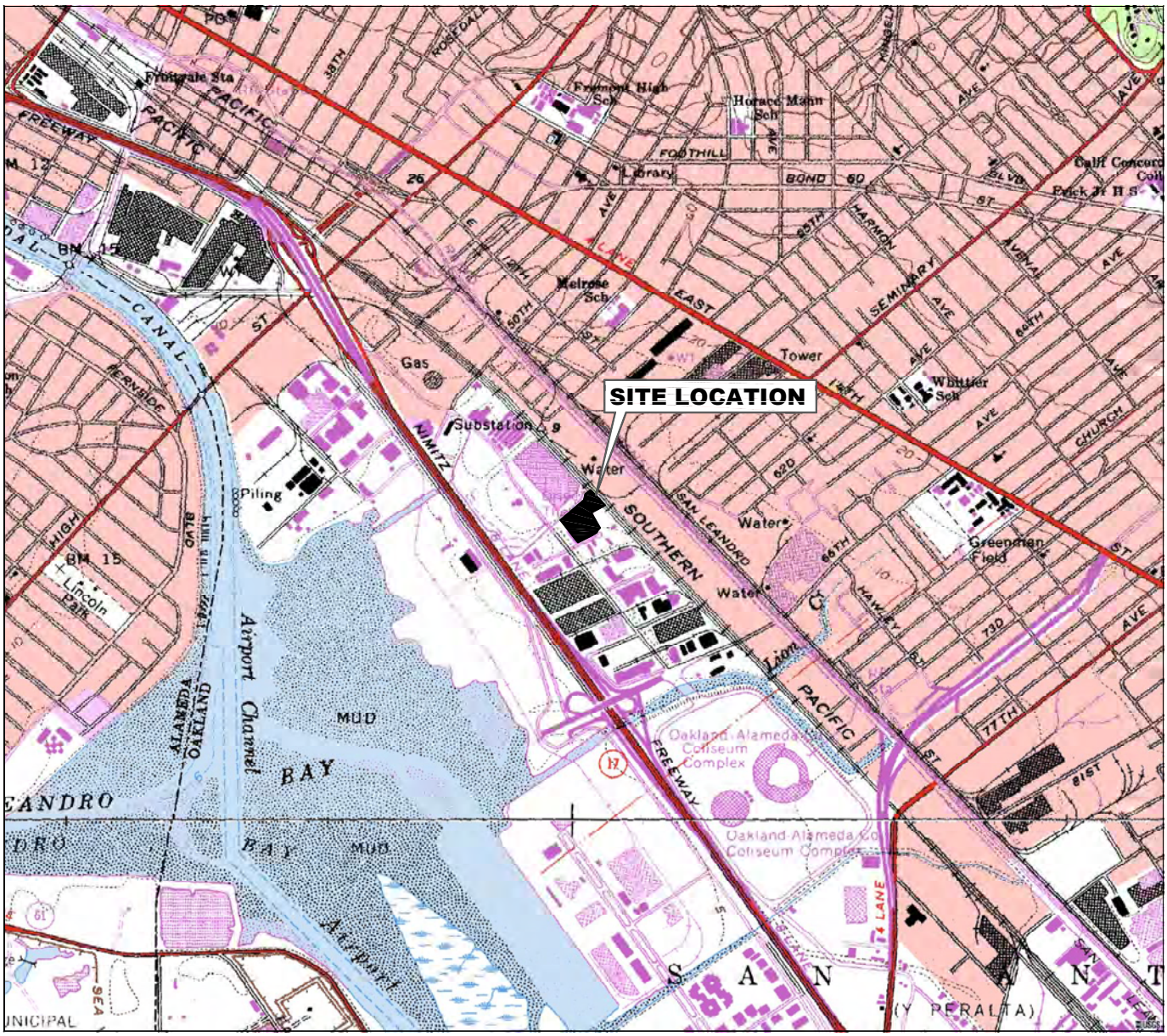
Notes:

mg/L - micrograms per liter
TPHd - Total Petroleum Hydrocarbons as diesel
TPHg - Total Petroleum Hydrocarbons as gasoli
MTBE - Methyl tert butyl ether
NS - Well not sampled
ND - Not detected at or above the laboratory detection limit
NA - Not analyzed
EB -equipment blank

(a) - Laboratory reports that chromatogram indicates gasoline and unidentified hydrocarbons >C8.
(b) - Laboratory reports that the laboratory control sample failed for this batch, as well as when it was initially analyzed on 6/3/97. All results should be considered as estimated values. No additional sample was available for re-extraction.
(c) - Laboratory reports reporting limits for diesel and gas/BTEX elevated due to high levels of target compound. Samples run at dilution.
(d) - Laboratory reports the peak pattern present in this sample represents an unknown mixture atypical of gasoline in the range of n-C09 to greater than n-C12. Quantitation is based on a gasoline reference in the range of n-C07 to n-C12 only.
(e) - Laboratory reports reporting limit(s) raised due to high level of analyte present in sample.
(f) - Laboratory reports the hydrocarbon pattern present in this sample represents an unknown mixture in the range of n-C09 to n-C36. Quantitation is based on a diesel reference between n-C10 and n-C24 only.
(g) - Laboratory reports that chromatogram indicates diesel and unidentified hydrocarbons >C20.
(h) - Analyzed by USEPA Method 8015, modified.
(i) - Analyzed by USEPA Method 8020.
(j) - Diesel range concentration reported. A nonstandard diesel pattern was observed in the chromatogram.
* - Hydrocarbon reported does not match the diesel standard.
(k) - Sample exhibits chromatographic pattern that does not resemble standard.
Ethylene dichloride reported as 1,2-Dichloroethane
Ethylene dibromide reported as 1,2-Dibromoethane

FIGURES

2011 Semi-Annual Monitoring and Sampling Report
Former Penske Truck Leasing Facility
725 Julie Ann Way, Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702330.200.0001
September 29, 2011



N

CALIFORNIA

1 1/2 0 1

SCALE IN MILE

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE IN FEET

Image courtesy of the U.S. Geological Survey and Microsoft TerraService OpenGIS Map Server

Stantec
57 Lafayette Circle, 2nd Floor
Lafayette California
PHONE: (925) 299-9300 FAX: (925) 299-9302

FOR:		SITE LOCATION MAP		FIGURE:
PENSKE 725 JULIE ANN WAY OAKLAND, CALIFORNIA				1
JOB NUMBER: 185702330.200.0002	DRAWN BY: RRR	CHECKED BY: EH	APPROVED BY: EH/GH/AM	DATE: 08/26/11

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No warranty is made by Stantec as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and or information.

REFERENCE:

UTILITIES BASED ON FIGURE PROVIDED BY NORCAL GEOPHYSICAL CONSULTANTS INC.
PLATE 1; DECEMBER 2008; BY G. RANDALL; JOB # 008-903.05

ALL SITE FEATURES AND WELL LOCATIONS, EXCEPT THE FORMER USTs, SURVEYED BY MID COAST ENGINEERS FEBRUARY AND APRIL 2011 JOB#10018X DATED APRIL 27, 2011;
TITLED "MONITORING WELL LOCATION MAP FOR PENSKE"
SITE COORDINATE SYSTEM: CA STATE PLANE; ZONE III; NAD 83 VERTICLE DATUM; NAVD 88

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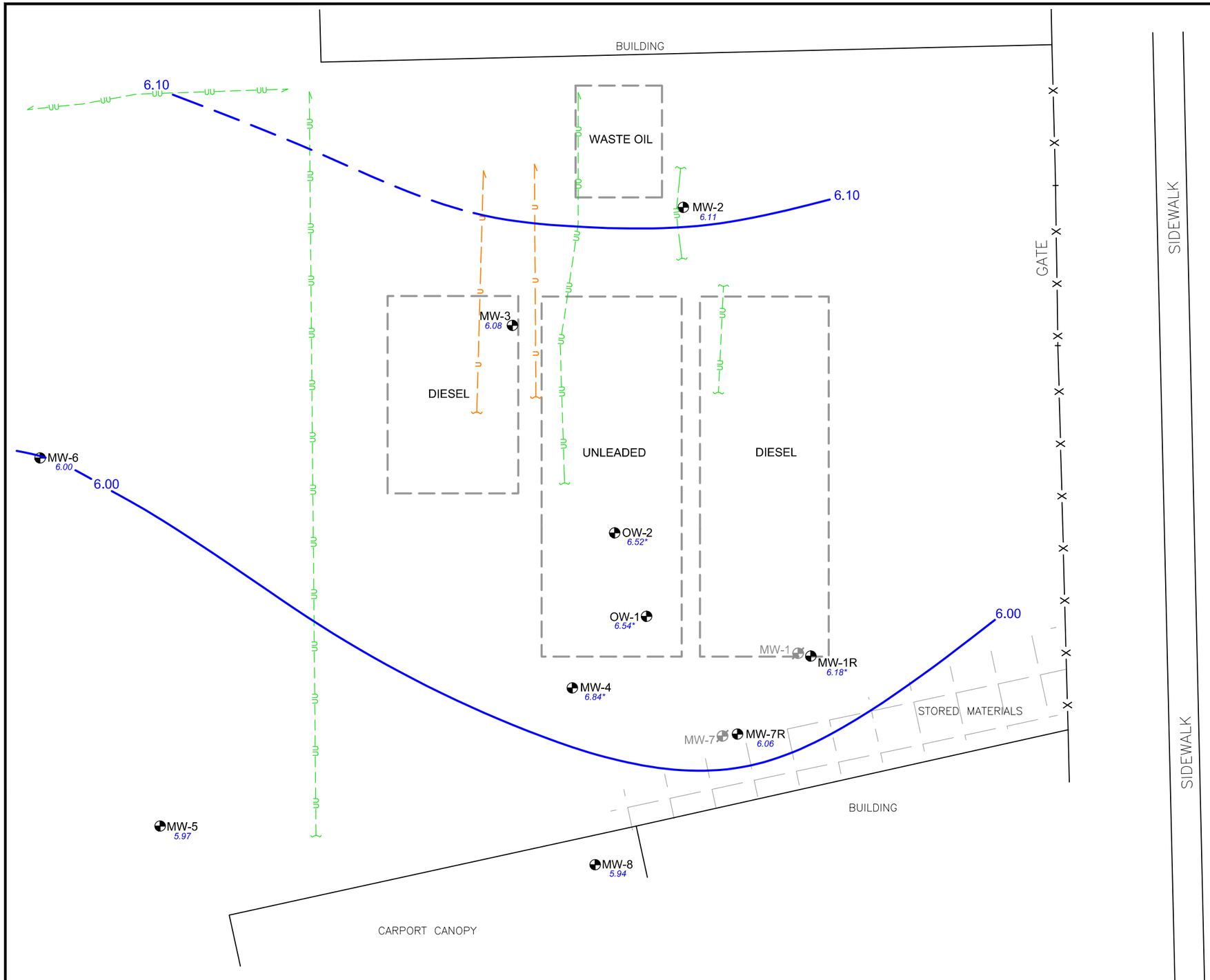
Lafayette, California, 94549
PHONE: (925) 299-9300 FAX: (925) 299-9302

PREPARED FOR:				FIGURE:
PENSKE 725 JULIE ANN WAY OAKLAND, CALIFORNIA		SITE PLAN		2
JOB NUMBER: 185702330.200.0002	DRAWN BY: RRR/JBL	CHECKED BY: EH	APPROVED BY: EH	DATE: 08/26/11



LEGEND:

- UNDIFFERENTIATED NONMETALLIC UTILITY LINE
- UNDIFFERENTIATED METALLIC UTILITY LINE
- FENCE
- APPROXIMATE EXTENT OF FORMER TANK EXCAVATION
- EXISTING MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION
- 5.51 GROUNDWATER ELEVATION (RELATIVE TO NAVD 88 DATUM)
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED) WELLS SOUNDED ON JULY 25, 2011
- * DATA NOT USED IN CONTOURING

0 20 40

APPROXIMATE SCALE IN FEET

REFERENCE:

UTILITIES BASED ON FIGURE PROVIDED BY NORCAL GEOPHYSICAL CONSULTANTS INC.
PLATE 1; DECEMBER 2008; BY G. RANDALL; JOB # 008-903.05

ALL SITE FEATURES AND WELL LOCATIONS, EXCEPT THE FORMER USTs, SURVEYED BY MID COAST ENGINEERS FEBRUARY AND APRIL 2011 JOB#10018X DATED APRIL 27, 2011;
TITLED "MONITORING WELL LOCATION MAP FOR PENSKE"
SITE COORDINATE SYSTEM: CA STATE PLANE; ZONE III; NAD 83 VERTICLE DATUM; NAVD 88

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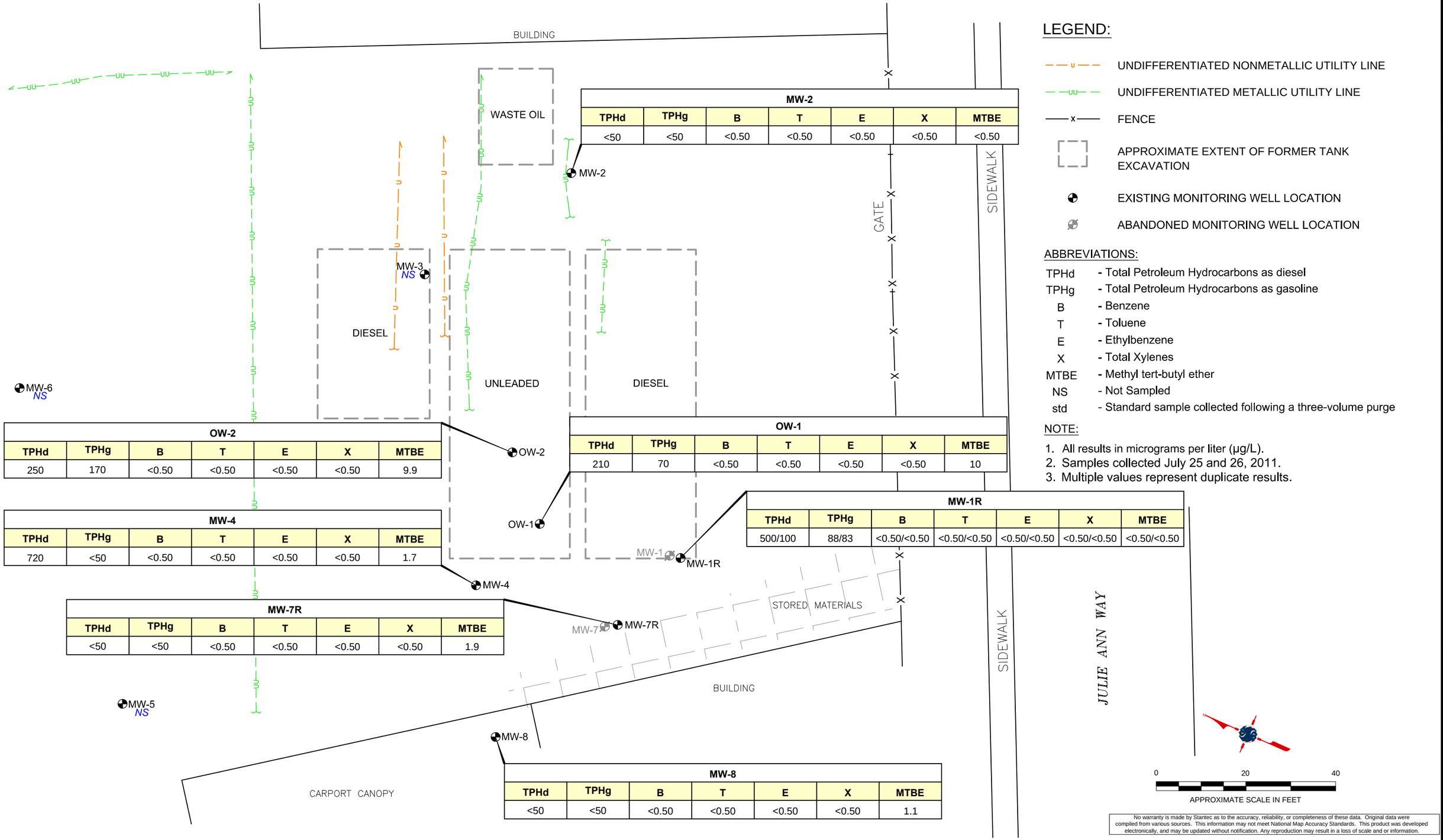
PREPARED FOR:
PENSKE
725 JULIE ANN WAY
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION SURFACE CONTOUR MAP JULY 2011

FIGURE: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702330.200.0002	RRR/JBL	EH	EH	08/26/11

FILEPATH:M:\00_OTHER OFFICES\Lafayette, Ca\Penske\Oakland\185702330.200.0002\3Q11\DWG\GW-MONITORING-3Q-2011.dwg|JLieberman|Sep 30, 2011 at 6:37|Layout: F3-July-GW



MW-2

TPHd	TPHg	B	T	E	X	MTBE
<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50

OW-2

TPHd	TPHg	B	T	E	X	MTBE
250	170	<0.50	<0.50	<0.50	<0.50	9.9

OW-1

TPHd	TPHg	B	T	E	X	MTBE
210	70	<0.50	<0.50	<0.50	<0.50	10

MW-1R

TPHd	TPHg	B	T	E	X	MTBE
500/100	88/83	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50

MW-4

TPHd	TPHg	B	T	E	X	MTBE
720	<50	<0.50	<0.50	<0.50	<0.50	1.7

MW-7R

TPHd	TPHg	B	T	E	X	MTBE
<50	<50	<0.50	<0.50	<0.50	<0.50	1.9

MW-8

TPHd	TPHg	B	T	E	X	MTBE
<50	<50	<0.50	<0.50	<0.50	<0.50	1.1

LEGEND:

- UNDIFFERENTIATED NONMETALLIC UTILITY LINE
- UNDIFFERENTIATED METALLIC UTILITY LINE
- FENCE
- APPROXIMATE EXTENT OF FORMER TANK EXCAVATION
- EXISTING MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION

ABBREVIATIONS:

TPHd	- Total Petroleum Hydrocarbons as diesel
TPHg	- Total Petroleum Hydrocarbons as gasoline
B	- Benzene
T	- Toluene
E	- Ethylbenzene
X	- Total Xylenes
MTBE	- Methyl tert-butyl ether
NS	- Not Sampled
std	- Standard sample collected following a three-volume purge

NOTE:

1. All results in micrograms per liter (µg/L).
2. Samples collected July 25 and 26, 2011.
3. Multiple values represent duplicate results.

0 20 40

APPROXIMATE SCALE IN FEET

REFERENCE:

UTILITIES BASED ON FIGURE PROVIDED BY NORCAL GEOPHYSICAL CONSULTANTS INC. PLATE 1; DECEMBER 2008; BY G. RANDALL; JOB # 008-903.05

ALL SITE FEATURES AND WELL LOCATIONS, EXCEPT THE FORMER USTs, SURVEYED BY MID COAST ENGINEERS FEBRUARY AND APRIL 2011 JOB#10018X DATED APRIL 27, 2011; TITLED "MONITORING WELL LOCATION MAP FOR PENSKE"
SITE COORDINATE SYSTEM: CA STATE PLANE; ZONE III; NAD 83 VERTICLE DATUM; NAVD 88

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PREPARED FOR:
PENSKE
725 JULIE ANN WAY
OAKLAND, CALIFORNIA

FUEL HYDROCARBON CONSTITUENTS IN GROUNDWATER JULY 2011

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702330.200.0002	JBL/RRR	EH	EH	08/26/11

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FIGURE 5
TPHd versus Time
April 2009 to August 2011
725 Julie Ann Way, Oakland, CA

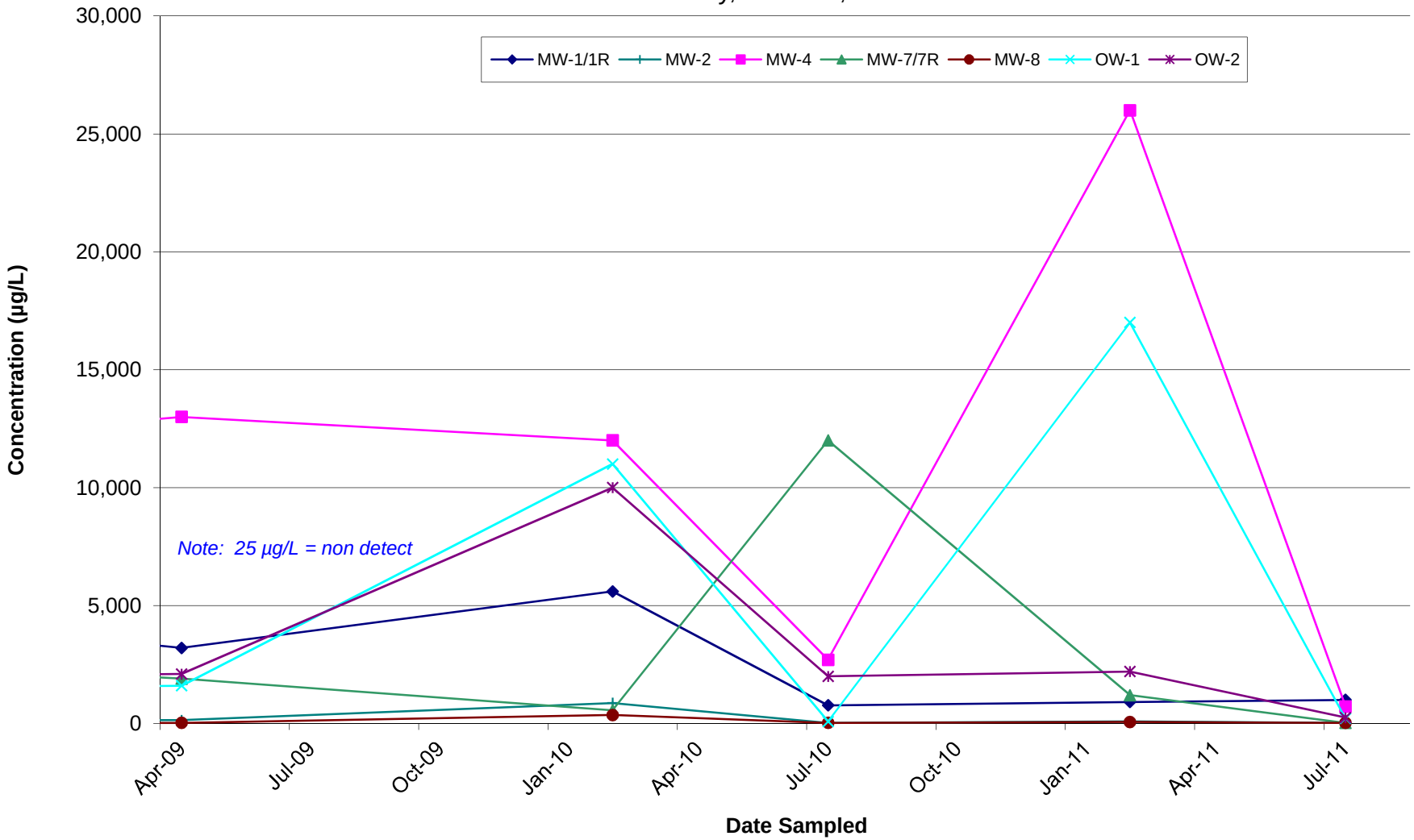


FIGURE 6
TPHg versus Time
April 2009 to August 2011
725 Julie Ann Way, Oakland, CA

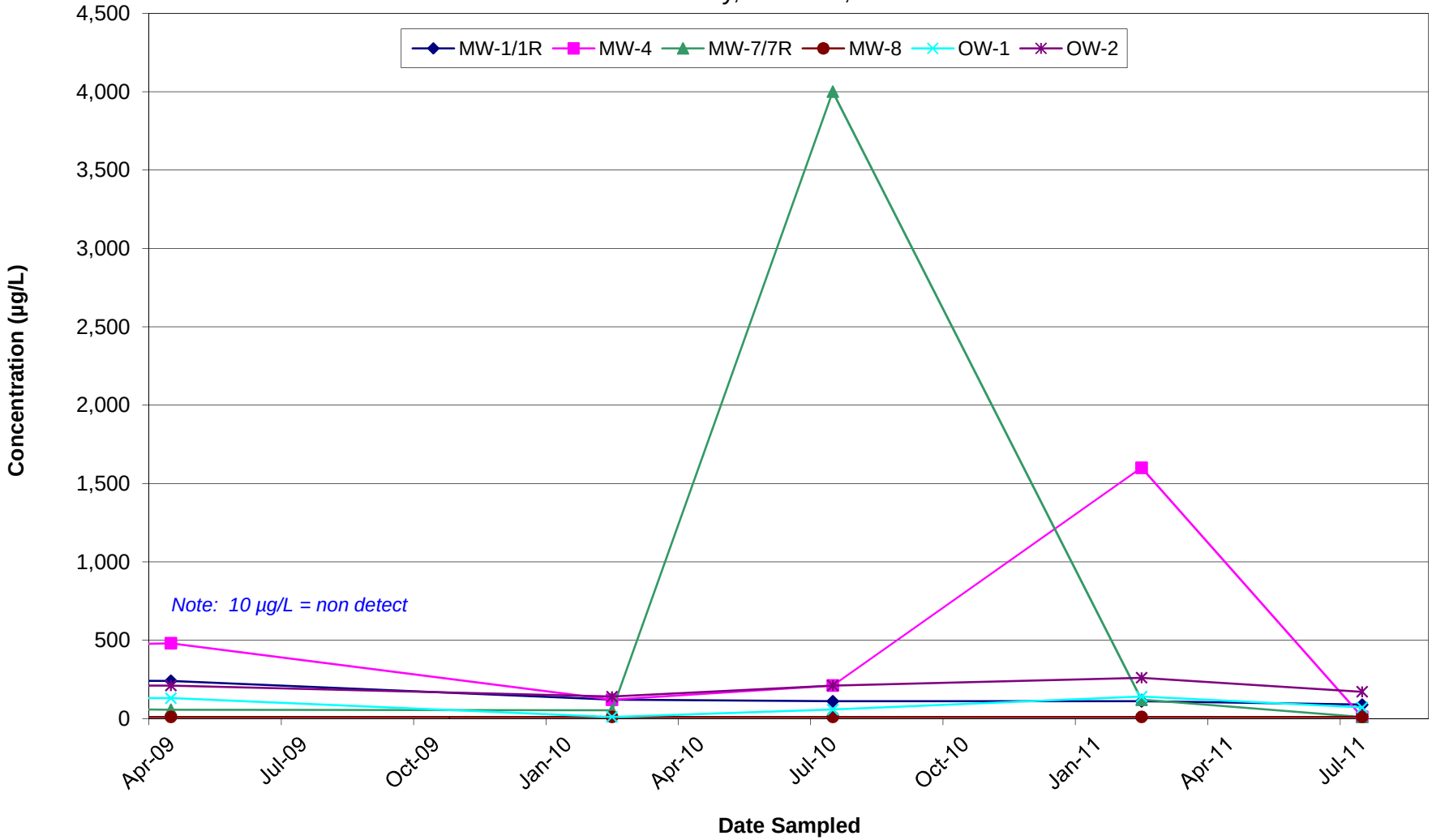


FIGURE 7
Benzene versus Time
April 2009 to August 2011
725 Julie Ann Way, Oakland, CA

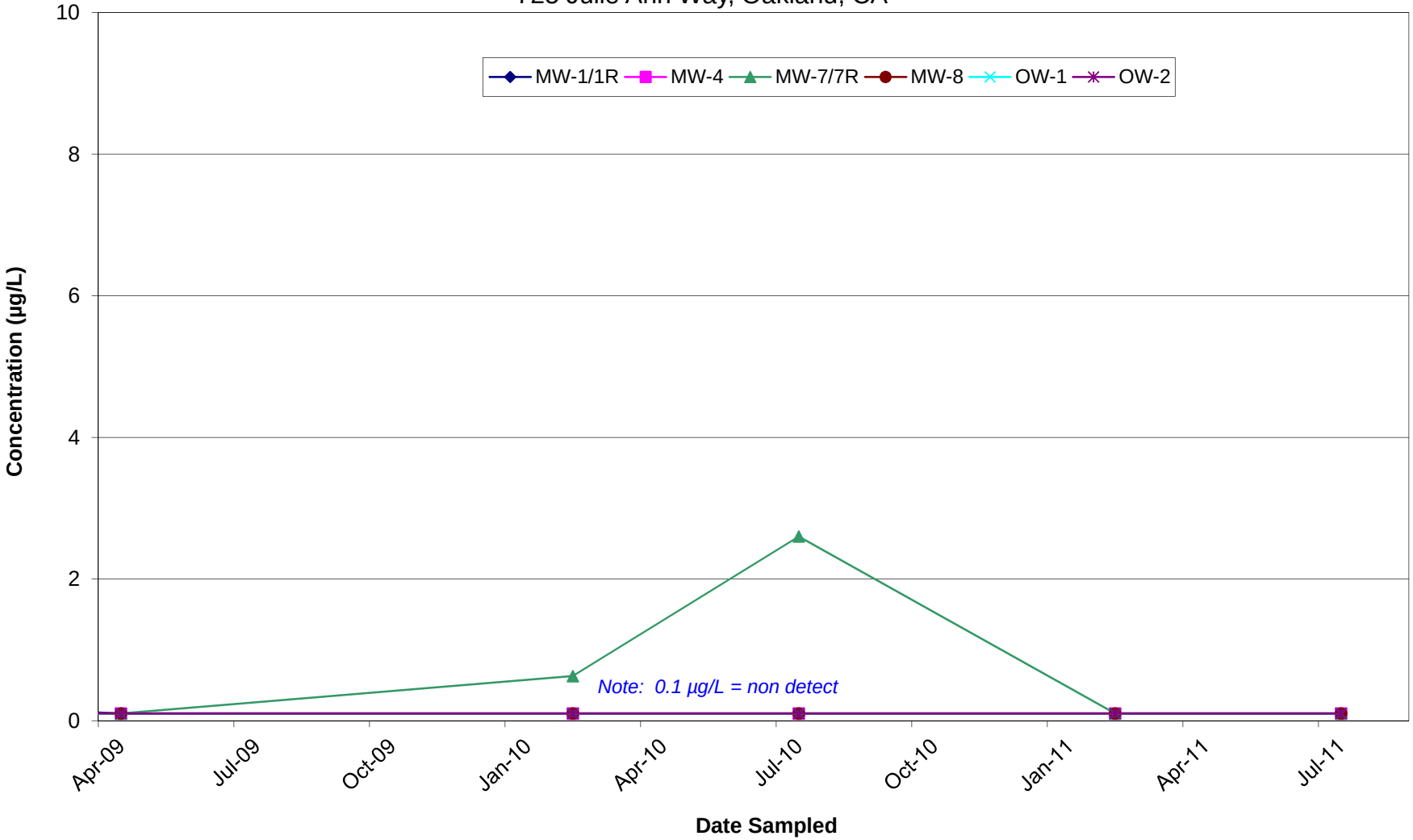
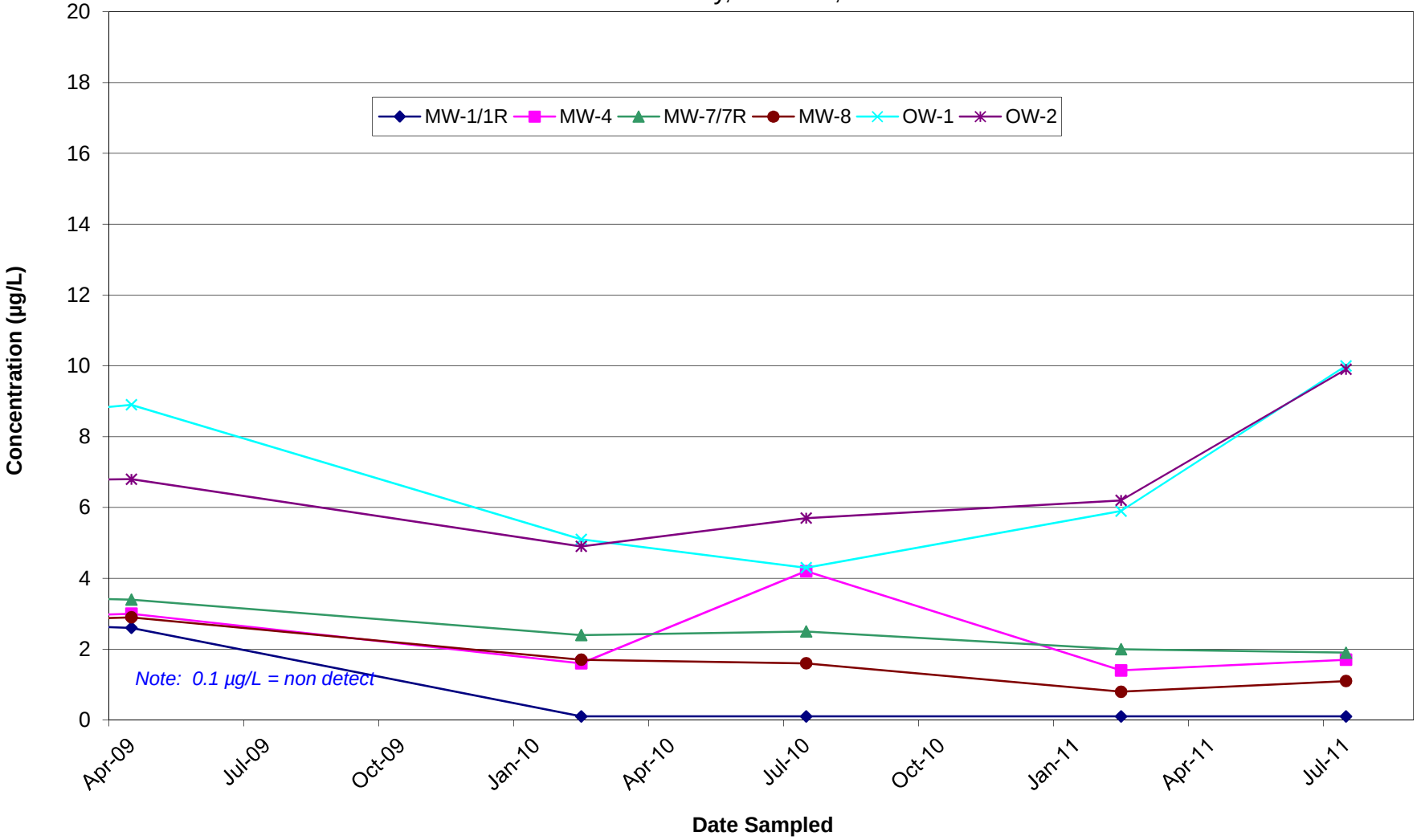


FIGURE 8
MTBE versus Time
April 2009 to August 2011
725 Julie Ann Way, Oakland, CA



APPENDIX A
Groundwater Sample Collection Logs

2011 Semi-Annual Monitoring and Sampling Report
Former Penske Truck Leasing Facility
725 Julie Ann Way, Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702330.200.0001
September 29, 2011

TABLE 1
Depth to Groundwater Level Measurement
Former Penske Facilty, 725 Julie Ann Way, Oakland, CA

185702330.200.0001 DATE 7/25/11

Well	Time	Depth to Water (ft)	Comment (Product Thickness)	
MW-1R	0833	4.84	Total depth = 19.60 2"	NO SPH detected
MW-2	0912	5.76	Total depth = 29.22. 4"	"
MW-3	0909	5.71	Total depth = 33.31. 4"	"
MW-4	0850	4.64	Total depth = 33.18. 4"	"
MW-5	0859	4.44	Total depth = 31.21. 4"	"
MW-6	0905	5.05	Total depth = 24.35. 4"	"
MW-7R	0838	4.78	Total depth = 19.36. 2"	"
MW-8	0856	4.81	Total depth = 26.19. 4"	"
OW-1	0842	4.21	Total depth = 14.30. 4"	"
OW-2	0846	4.51	Total depth = 14.65. 4"	"

10

WELL MONITORING DATA SHEET

Project #: 110725-DR1	Client: Stantec
Sampler: DR	Date: 7/25/11
Well I.D.: MW-1R	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.60	Depth to Water (DTW): 4.84
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.79	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

2.4 (Gals.) X 3 = 7.2 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1311	21.2	7.29	2646	302	2.4	cloudy gray
1313	21.3	7.31	2688	274	4.8	"
1315	21.4	7.32	2693	251	7.2	"

Did well dewater? Yes (No) Gallons actually evacuated: 7.2

Sampling Date: 7/25/11 Sampling Time: 1325 Depth to Water: 5.27

Sample I.D.: MW-1R Laboratory: Kiff CalScience Other (C&T)

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Sec GC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable): DUP @ 1335

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	0.20 mg/L	(Post-purge):	0.17 mg/L
O.R.P. (if req'd):	(Pre-purge):	-155 mV	(Post-purge):	-139 mV

WELL MONITORING DATA SHEET

Project #: 110725-DR1	Client: Stantec
Sampler: DR	Date: 7/25/11
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 29.22	Depth to Water (DTW): 5.76
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.45	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

15.2 (Gals.) X 3 = 45.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0941	19.2	6.93	3582	212	15.2	cloudy
0945	19.1	6.96	3854	170	30.4	"
0949	19.1	6.97	3871	159	45.6	"

Did well dewater? Yes (No) Gallons actually evacuated: 45.6

Sampling Date: 7/25/11 Sampling Time: 0955 Depth to Water: 5.98

Sample I.D.: MW-2 Laboratory: Kiff CalScience Other (CET)

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

~~EB~~ Trip Blank I.D. (if applicable): TB @ Time 0700 Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd): (Pre-purge):	0.29 mg/L	(Post-purge):	0.22	mg/L
O.R.P. (if req'd): (Pre-purge):	132 mV	(Post-purge):	-8	mV

WELL MONITORING DATA SHEET

Project #: 110725-DR1	Client: Stantec
Sampler: DR	Date: 7/25/11
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 33.18	Depth to Water (DTW): 4.64
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.35	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: ____

18.6 (Gals.) X 3 = 55.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1220	20.5	7.43	8706	12	18.6	odor / clear
* well dewatered @ 30.0 gal						
1355	20.7	7.41	8611	10	—	odor

Did well dewater? (Yes) No Gallons actually evacuated: 30.0

Sampling Date: 7/25/11 Sampling Time: 1355 Depth to Water: 4.92

Sample I.D.: MW-4 Laboratory: Kiff CalScience Other (C.T.)

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See COC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	0.51 mg/L	(Post-purge):	0.44 mg/L
O.R.P. (if req'd):	(Pre-purge):	-118 mV	(Post-purge):	-123 mV

WELL MONITORING DATA SHEET

Project #: 110725-DR1	Client: Stantec
Sampler: DR	Date: 7/25/11
Well I.D.: MW-7R	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.36	Depth to Water (DTW): 4.78
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.70	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: _____

2.3 (Gals.) X 3 = 6.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1242	21.0	7.91	4271	74	2.3	clear
1244	20.4	7.75	3956	32	4.6	"
1246	20.3	7.74	3949	30	6.9	"

Did well dewater? Yes (No) Gallons actually evacuated: 6.9

Sampling Date: 7/25/11 Sampling Time: 1255 Depth to Water: 5.09

Sample I.D.: MW-7R Laboratory: Kiff CalScience Other (C&T)

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Sr, GC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	0.27 mg/L	(Post-purge):	0.33 mg/L
O.R.P. (if req'd):	(Pre-purge):	-109 mV	(Post-purge):	-99 mV

WELL MONITORING DATA SHEET

Project #: 110725-DR1	Client: Stantec
Sampler: DR	Date: 7/25/11
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.19	Depth to Water (DTW): 4.81
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.09	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other:_____

13.9 (Gals.) X	3	=	41.7 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1030	18.2	7.17	5492	71	13.9	clear
1034	19.8	7.40	5629	43	27.8	"
1037	19.9	7.38	5625	39	41.7	"

Did well dewater? Yes (No) Gallons actually evacuated: 41.7

Sampling Date: 7/25/11 Sampling Time: 1045 Depth to Water: 7.23

Sample I.D.: MW-8 Laboratory: Kiff CalScience Other (C&T)

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Sc GC

EB I.D. (if applicable): EB @ Time 1015 Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd):	(Pre-purge):	0.36 mg/L	(Post-purge):	0.31 mg/L	
O.R.P. (if req'd):	(Pre-purge):	-44 mV	(Post-purge):	-59 mV	

WELL MONITORING DATA SHEET

Project #: 110725-DR1	Client: Stantec
Sampler: DR	Date: 7/25/11
Well I.D.: OW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 14.30	Depth to Water (DTW): 4.21
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.23	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other ___

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: ___

1 Case Volume		Specified Volumes		Calculated Volume
6.6	(Gals.) X	3	=	19.8 Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1106	20.5	7.11	3264	70	6.6	cloudy / odor
1108	20.4	7.07	3273	49	13.2	yellow color / odor
1110	20.4	7.06	3271	47	19.8	" / "

Did well dewater? Yes (No) Gallons actually evacuated: 19.8

Sampling Date: 7/25/11 Sampling Time: 1120 Depth to Water: 4.42

Sample I.D.: OW-1 Laboratory: Kiff CalScience Other (C&T)

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Sr, CoC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd): (Pre-purge)	0.37 mg/L	(Post-purge):	0.35 mg/L
O.R.P. (if req'd): (Pre-purge)	-108 mV	(Post-purge):	-121 mV

WELL MONITORING DATA SHEET

Project #: 110725-DR1	Client: Stantec
Sampler: DR	Date: 7/25/11
Well I.D.: OW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 14.65	Depth to Water (DTW): 4.51
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.54	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: Bailer; (Disposable Bailer); Extraction Port; Dedicated Tubing; Other: ____

6.6 (Gals.) X 3 = 19.8 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1139	20.2	7.29	3097	12	6.6	
1141	20.4	7.18	3022	11	13.2	
1143	20.5	7.17	3018	10	19.8	

Did well dewater? Yes (No) Gallons actually evacuated: 19.8

Sampling Date: 7/25/11 Sampling Time: 1150 Depth to Water: 4.69

Sample I.D.: OW-2 Laboratory: Kiff CalScience Other (C&T)

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: Sr, GC

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other:

D.O. (if req'd): (Pre-purge):	0.42 mg/L	(Post-purge):	0.33 mg/L
O.R.P. (if req'd): (Pre-purge):	-144 mV	(Post-purge):	-121 mV

WELLHEAD INSPECTION CHECKLIST

Date 7/25/11 Client Stantec

Site Address 725 Julie Ann Way Oakland Ca.

Job Number 110725-DR1 Technician DR

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Debris Removed From Wellbox	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)
MW-1R							X	
MW-2							X	
MW-3							X	
MW-4							X	
MW-5							X	
MW-6							X	
MW-7R							X	
MW-8							X	
OW-1							X	
OW-2							X	

NOTES: MW-1R No lock. MW-7R No lock OW-1 No lock OW-2 No lock. Cracked apron MW-4 Cracked apron. No bolts. -2/2. MW-8 Cracked apron. No lock. MW-5 No lock. Cracked apron. Wrong lid for box. Thick steel lid. No bolt holes. -2/2 bolts. MW-6 -2/2 bolts. No lock. MW-3 -2/2 bolts. Cracked apron. Wrong lid for box. No lock. MW-2 -2/2 bolts. No lock. Cracked apron. Wrong lid for box. Steel lid.

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME	725 Julie Ann Way Oakland Ca.			PROJECT NUMBER	110725-DR1		
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. °C	INITIALS
Myron L Ultrameter	617813	7/25/11 0630	7.0 10.0 4.0 3900	7.01 9.99 4.0 3901	Y	19.1-19.3	DR
Hach Turbidimeter	08070C0314444	7/25/11 0645	560 55 5.7	559 54 5	Y	—	DR
YSI 550 DO Meter	06E14241AI	7/25/11 0655	100%	99.6	Y	19.7	DR

SPH or Purge Water Drum Log

Client: STANTEC

Site Address: 725 JULIE ANN WAY, OAKLAND, CA

STATUS OF DRUM(S) UPON ARRIVAL						
Date	2/3/11	7/25/11				
Number of drum(s) empty:		1*				
Number of drum(s) 1/4 full:						
Number of drum(s) 1/2 full:	1					
Number of drum(s) 3/4 full:						
Number of drum(s) full:	2	5				
Total drum(s) on site:	3	6				
Are the drum(s) properly labeled?	Yes	Yes				
Drum ID & Contents:	purge H2O	Purge H2O				
If any drum(s) are partially or totally filled, what is the first use date:	7/16/10	7/16/10				

- If you add any SPH to an empty or partially filled drum, drum must have at least 20 gals. of Purgewater or DI Water.

-If drum contains SPH, the drum MUST be steel AND labeled with the appropriate label.

-All BTS drums MUST be labeled appropriately.

STATUS OF DRUM(S) UPON DEPARTURE						
Date	2/4/11	7/25/11				
Number of drums empty:		1*				
Number of drum(s) 1/4 full:						
Number of drum(s) 1/2 full:		1				
Number of drum(s) 3/4 full:	1					
Number of drum(s) full:	5	8				
Total drum(s) on site:	6	10				
Are the drum(s) properly labeled?	YES	Yes				
Drum ID & Contents:	purge H2O	Purge H2O				

LOCATION OF DRUM(S)	
Describe location of drum(s):	by MW-7R (vault) MW-1R * Empty Drum Noted, Not used.

FINAL STATUS						
Number of new drum(s) left on site this event	3	4				
Date of inspection:	2/4/11	7/25/11				
Drum(s) labelled properly:	Yes	Yes				
Logged by BTS Field Tech:	WP	DM				
Office reviewed by:	W	N				

Stantec

APPENDIX B
Water Sample Laboratory Reports and Chain-of-Custody Forms

2011 Semi-Annual Monitoring and Sampling Report
Former Penske Truck Leasing Facility
725 Julie Ann Way, Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702330.200.0001
September 29, 2011


Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 229728
ANALYTICAL REPORT

Stantec	Project : STANDARD
57 Lafayette Circle	Location : 725 Julie Ann Way, Oakland CA
Lafayette, CA 94549-4321	Level : II

Sample ID	Lab ID
TB	229728-001
MW-2	229728-002
MW-8	229728-003
EB	229728-004
OW-1	229728-005
OW-2	229728-006
MW-7R	229728-007
MW-1R	229728-008
DUP	229728-009
MW-4	229728-010

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 08/02/2011
Project Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**229728**
Client:	**Stantec**
Location:	**725 Julie Ann Way, Oakland CA**
Request Date:	**07/26/11**
Samples Received:	**07/26/11**

This data package contains sample and QC results for ten water samples, requested for the above referenced project on 07/26/11. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

229728

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 110725-DR1

CLIENT: Stantec

SITE: 725 Julie Ann Way
Oakland CA

CONDUCT ANALYSIS TO DETECT

LAB: C&T Berkeley | DHS #

ALL ANALYSES MUST MEET SPECIFICATIONS AND DETECTION LIMITS SET BY CALIFORNIA DHS AND
☐ EPA ☐ RWQCB REGION
☐ LIA
☐ OTHER

SPECIAL INSTRUCTIONS

Invoice and Report to : Stantec
Attn: Eva Hey (925) 299-9300 Ext. 237
eva.hey@stantec.com

	SAMPLE I.D.	DATE	TIME	MATRIX (S= SOIL W=H2O)	CONTAINERS TOTAL	CONTAINERS	C = COMPOSITE ALL CONTAINERS		TPH-g (8015M)	TPH-d w/SGC (8015M)	BTEX, MTBE, EDC, EDB (8260)	Napthalene (8260B)				ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
1	TB	7/25/11	0700	W	2	HCL voas			X										
2	MW-2	↓	0955	W	8	6 liter voas 2 NP Ambers			X	X	X	X							
3	MW-8	↓	1045	W	8	↓			X	X	X	X							
4	EB	↓	1015	W	8	↓			X	X	X	X							
5	OW-1	↓	1120	W	8	↓			X	X	X	X							
6	OW-2	↓	1150	W	8	↓			X	X	X	X							
7	MW-7R	↓	1255	W	8	↓			X	X	X	X							
8	MW-1R	↓	1325	W	8	↓			X	X	X	X							
9	DUP	↓	1335	W	8	↓			X	X	X	X							
10	MW-4	↓	1355	W	8	↓			X	X	X	X							

SAMPLING COMPLETED DR | DATE 7/25/11 | TIME 1415 | SAMPLING PERFORMED BY D. Raynal

RESULTS NEEDED NO LATER THAN ***Standard TAT***

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[signature]	7/25/11	1530	[signature] (Sample Custodian)	7/25/11	1535
[signature] (Sample Custodian)	7/26/11	1340	[signature]	7/26/11	1340

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #	

attached coc RG

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 229728 Date Received 7/26/11 Number of coolers 2
Client Stantec Project 725 Julie Ann Way

Date Opened 7/26/11 By (print) Vidia Qarshi (sign) [signature]
Date Logged in ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) _____ YES (NO)
   Shipping info _____

2A. Were custody seals present? .... ☐ YES (circle) on cooler on samples ☑ NO
   How many _____ Name _____ Date _____
2B. Were custody seals intact upon arrival? _____ YES NO (N/A)
3. Were custody papers dry and intact when received? _____ (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? _____ (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) ___ (YES) NO
6. Indicate the packing in cooler: (if other, describe) _____

☐ Bubble Wrap ☐ Foam blocks ☒ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C) 1.3, 0.5

☐ Samples Received on ice & cold without a temperature blank

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? _____ YES (NO)
   If YES, what time were they transferred to freezer? _____
9. Did all bottles arrive unbroken/unopened? _____ (YES) NO
10. Are samples in the appropriate containers for indicated tests? _____ (YES) NO
11. Are sample labels present, in good condition and complete? _____ (YES) NO
12. Do the sample labels agree with custody papers? _____ (YES) NO
13. Was sufficient amount of sample sent for tests requested? _____ (YES) NO
14. Are the samples appropriately preserved? _____ (YES) NO N/A
15. Did you check preservatives for all bottles for each sample? _____ YES NO (N/A)
16. Did you document your preservative check? _____ YES NO (N/A)
17. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES (NO) N/A
18. Are bubbles > 6mm absent in VOA samples? _____ (YES) NO N/A
19. Was the client contacted concerning this sample delivery? _____ YES (NO)
   If YES, Who was called? _____ By _____ Date: _____

COMMENTS

_____
_____
_____
_____
_____
_____

Rev 8, 6/11

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	07/25/11
Units:	ug/L	Received:	07/26/11
Diln Fac:	1.000		

Field ID:	TB	Batch#:	177263
Type:	SAMPLE	Analyzed:	07/28/11
Lab ID:	229728-001		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	78-123

Field ID:	MW-2	Batch#:	177263
Type:	SAMPLE	Analyzed:	07/28/11
Lab ID:	229728-002		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	78-123

Field ID:	MW-8	Batch#:	177263
Type:	SAMPLE	Analyzed:	07/29/11
Lab ID:	229728-003		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	95	78-123

Field ID:	EB	Batch#:	177263
Type:	SAMPLE	Analyzed:	07/29/11
Lab ID:	229728-004		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	78-123

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	07/25/11
Units:	ug/L	Received:	07/26/11
Diln Fac:	1.000		

Field ID: OW-1 Batch#: 177307
Type: SAMPLE Analyzed: 07/29/11
Lab ID: 229728-005

Analyte	Result	RL
Gasoline C7-C12	70 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	82	78-123

Field ID: OW-2 Batch#: 177263
Type: SAMPLE Analyzed: 07/29/11
Lab ID: 229728-006

Analyte	Result	RL
Gasoline C7-C12	170 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	84	78-123

Field ID: MW-7R Batch#: 177263
Type: SAMPLE Analyzed: 07/29/11
Lab ID: 229728-007

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	78-123

Field ID: MW-1R Batch#: 177263
Type: SAMPLE Analyzed: 07/29/11
Lab ID: 229728-008

Analyte	Result	RL
Gasoline C7-C12	83 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	78-123

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	07/25/11
Units:	ug/L	Received:	07/26/11
Diln Fac:	1.000		

Field ID:	DUP	Batch#:	177263
Type:	SAMPLE	Analyzed:	07/29/11
Lab ID:	229728-009		

Analyte	Result	RL
Gasoline C7-C12	88 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	83	78-123

Field ID:	MW-4	Batch#:	177263
Type:	SAMPLE	Analyzed:	07/29/11
Lab ID:	229728-010		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	89	78-123

Type:	BLANK	Batch#:	177263
Lab ID:	QC602030	Analyzed:	07/28/11

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	78	78-123

Type:	BLANK	Batch#:	177307
Lab ID:	QC602219	Analyzed:	07/29/11

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	79	78-123

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC602029	Batch#:	177263
Matrix:	Water	Analyzed:	07/28/11
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	965.7	97	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	78-123

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	177263
MSS Lab ID:	229685-007	Sampled:	07/22/11
Matrix:	Water	Received:	07/23/11
Units:	ug/L	Analyzed:	07/28/11
Diln Fac:	1.000		

Type: MS Lab ID: QC602031

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	26.20	2,000	1,637	81	66-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	84	78-123

Type: MSD Lab ID: QC602032

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,671	82	66-120	2	25

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	85	78-123

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC602218	Batch#:	177307
Matrix:	Water	Analyzed:	07/29/11
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	955.5	96	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	84	78-123

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	OW-1	Batch#:	177307
MSS Lab ID:	229728-005	Sampled:	07/25/11
Matrix:	Water	Received:	07/26/11
Units:	ug/L	Analyzed:	07/29/11
Diln Fac:	1.000		

Type: MS Lab ID: QC602220

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	70.25	2,000	1,823	88	66-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	78	78-123

Type: MSD Lab ID: QC602221

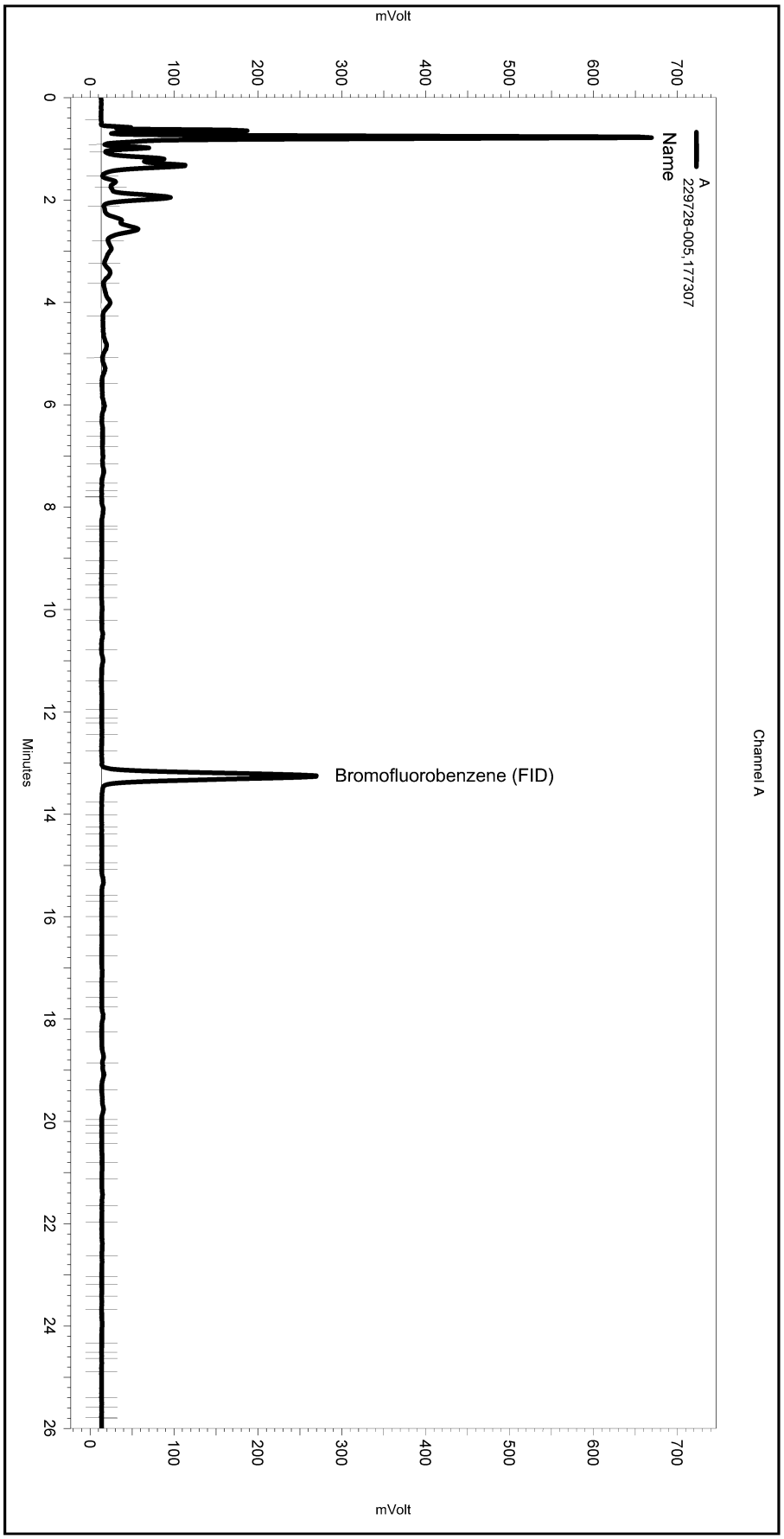
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,781	86	66-120	2	25

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	81	78-123

RPD= Relative Percent Difference

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC05\Sequence\210.seq**
Sample Name: **229728-005,177307**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC05\Data\210-009**
Instrument: GC05 Vial: N/A Operator: lims2k3\tvh3
Method Name: \\Lims\gdrive\ezchrom\Projects\GC05\Method\tvhbtxe111.met

Software Version 3.1.7
Run Date: 7/29/2011 8:23:57 PM
Analysis Date: 7/29/2011 8:52:39 PM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: c1.0



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application Data\ChromatographySystem\Recovery Data\Instrument.10048\210-009_7BCC.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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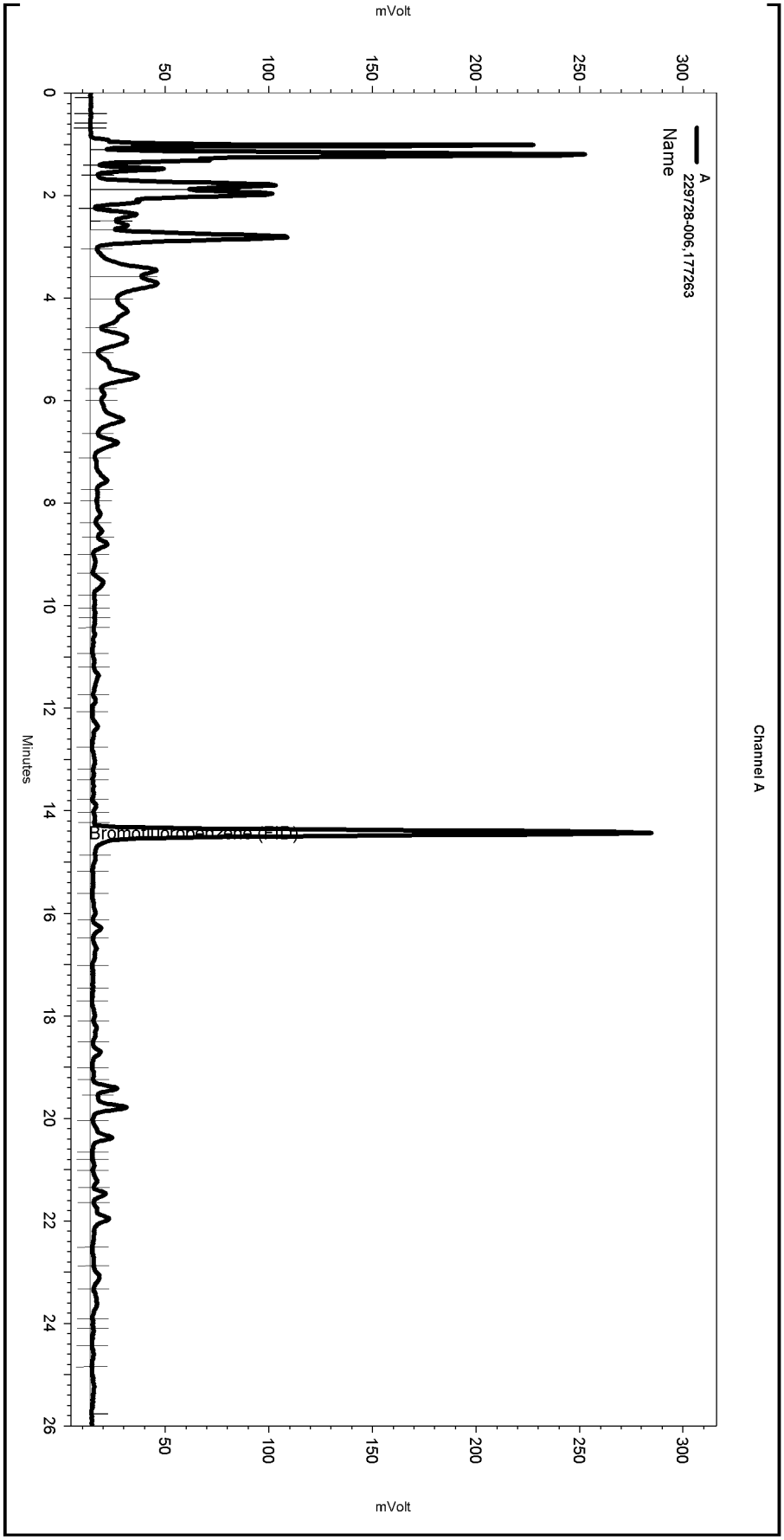
Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\209.seq**
Sample Name: **229728-006,177263**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\209-017**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe166.met

Software Version 3.1.7
Run Date: 7/29/2011 3:18:45 AM
Analysis Date: 7/29/2011 11:40:13 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: b1.0



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

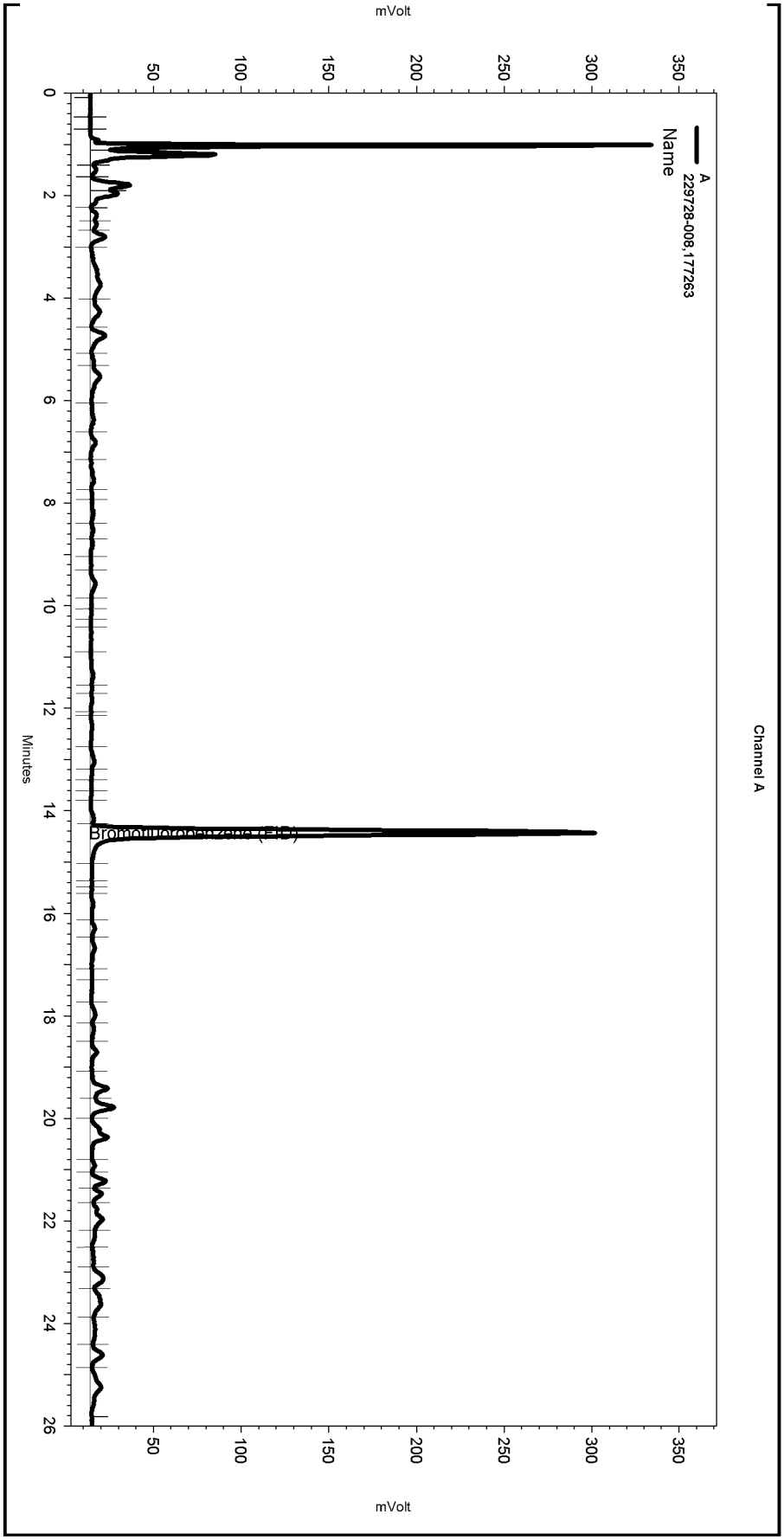
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\209-017

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\209.seq**
Sample Name: **229728-008,177263**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\209-019**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe166.met

Software Version 3.1.7
Run Date: 7/29/2011 4:34:45 AM
Analysis Date: 7/29/2011 11:41:14 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: b1.0



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

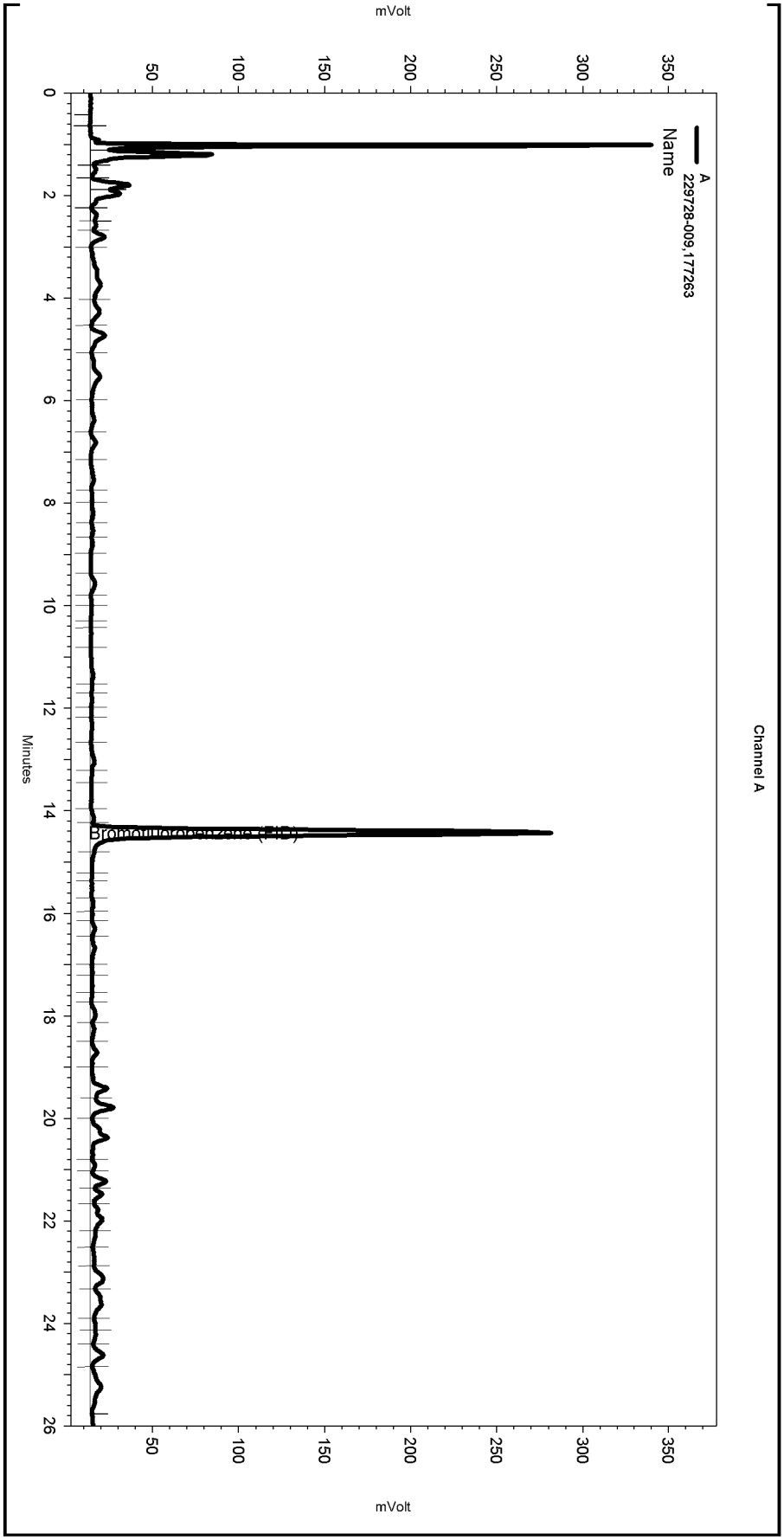
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\209-019

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\209.seq**
Sample Name: **229728-009,177263**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\209-020**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe166.met

Software Version 3.1.7
Run Date: 7/29/2011 5:12:25 AM
Analysis Date: 7/29/2011 11:42:18 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: b1.0



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

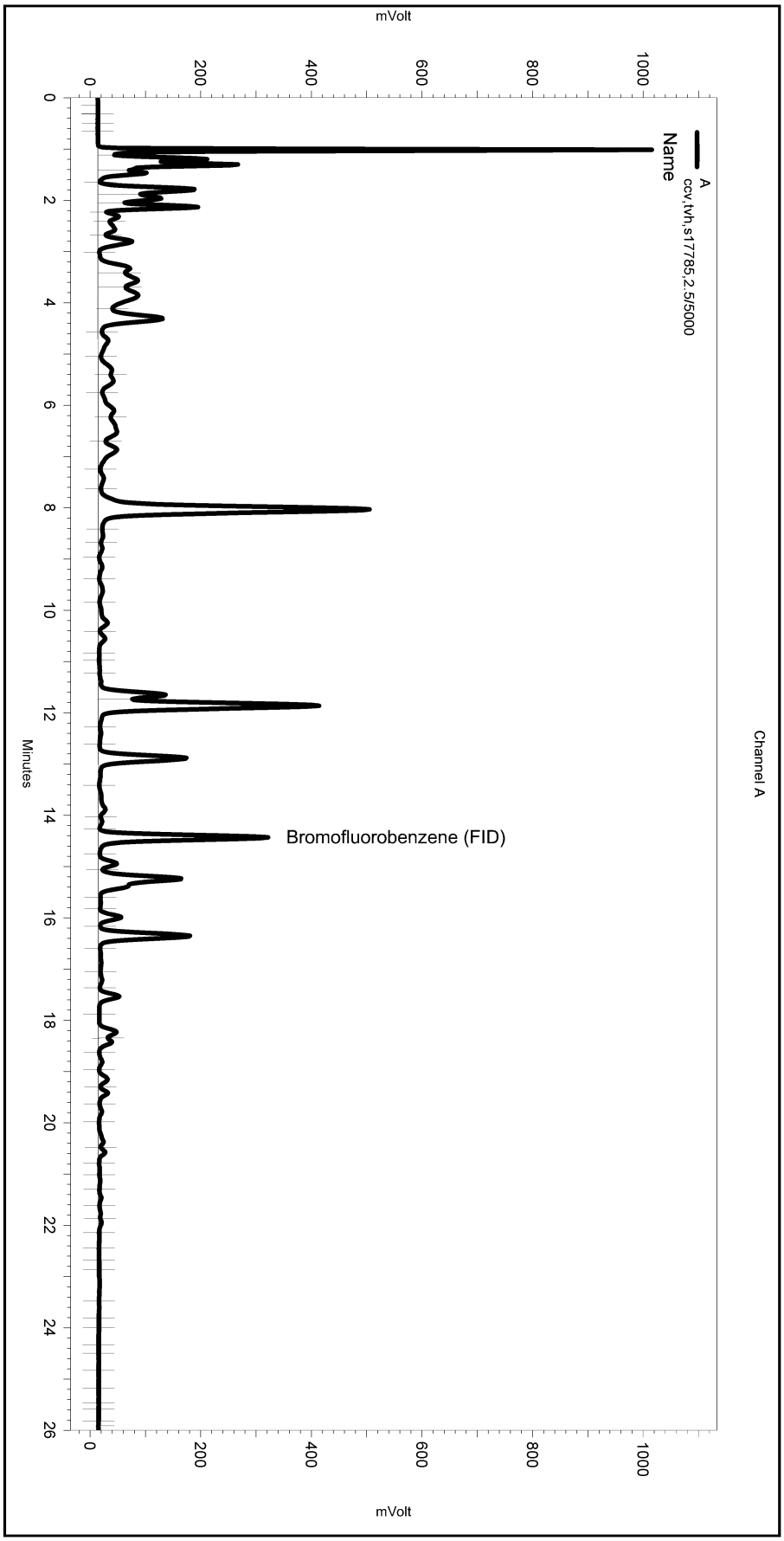
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\209-020

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0
Yes	Split Peak	14.802	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\209.seq**
Sample Name: **ccv,tvh,s17785,2.5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\209-001**
Instrument: GC04 Vial: N/A Operator: lims2k3\tvh3
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe166.met

Software Version 3.1.7
Run Date: 7/28/2011 10:43:38 AM
Analysis Date: 7/28/2011 11:13:06 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: C:\Documents and Settings\All Users\Application Data\ChromatographySystem\Recovery Data\Instrument.10047\209-001_7D69.tmp

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	07/25/11
Units:	ug/L	Received:	07/26/11
Diln Fac:	1.000	Prepared:	07/28/11
Batch#:	177250	Analyzed:	07/29/11

Field ID: MW-2 Lab ID: 229728-002
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
o-Terphenyl	100	68-120

Field ID: MW-8 Lab ID: 229728-003
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
o-Terphenyl	105	68-120

Field ID: EB Lab ID: 229728-004
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
o-Terphenyl	112	68-120

Field ID: OW-1 Lab ID: 229728-005
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	210	50

Surrogate	%REC	Limits
o-Terphenyl	108	68-120

Field ID: OW-2 Lab ID: 229728-006
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	250	50

Surrogate	%REC	Limits
o-Terphenyl	111	68-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	07/25/11
Units:	ug/L	Received:	07/26/11
Diln Fac:	1.000	Prepared:	07/28/11
Batch#:	177250	Analyzed:	07/29/11

Field ID: MW-7R
Type: SAMPLE
Lab ID: 229728-007
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
o-Terphenyl	113	68-120

Field ID: MW-1R
Type: SAMPLE
Lab ID: 229728-008
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	500	50

Surrogate	%REC	Limits
o-Terphenyl	113	68-120

Field ID: DUP
Type: SAMPLE
Lab ID: 229728-009
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1,000	50

Surrogate	%REC	Limits
o-Terphenyl	114	68-120

Field ID: MW-4
Type: SAMPLE
Lab ID: 229728-010
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	720	50

Surrogate	%REC	Limits
o-Terphenyl	107	68-120

Type: BLANK
Lab ID: QC601983
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
o-Terphenyl	104	68-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC601984	Batch#:	177250
Matrix:	Water	Prepared:	07/28/11
Units:	ug/L	Analyzed:	07/29/11

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,533	101	61-120

Surrogate	%REC	Limits
o-Terphenyl	106	68-120

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	177250
MSS Lab ID:	229774-001	Sampled:	07/28/11
Matrix:	Water	Received:	07/28/11
Units:	ug/L	Prepared:	07/28/11
Diln Fac:	1.000	Analyzed:	07/29/11

Type: MS Lab ID: QC601985

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	1,841	2,500	4,783	118	33-140

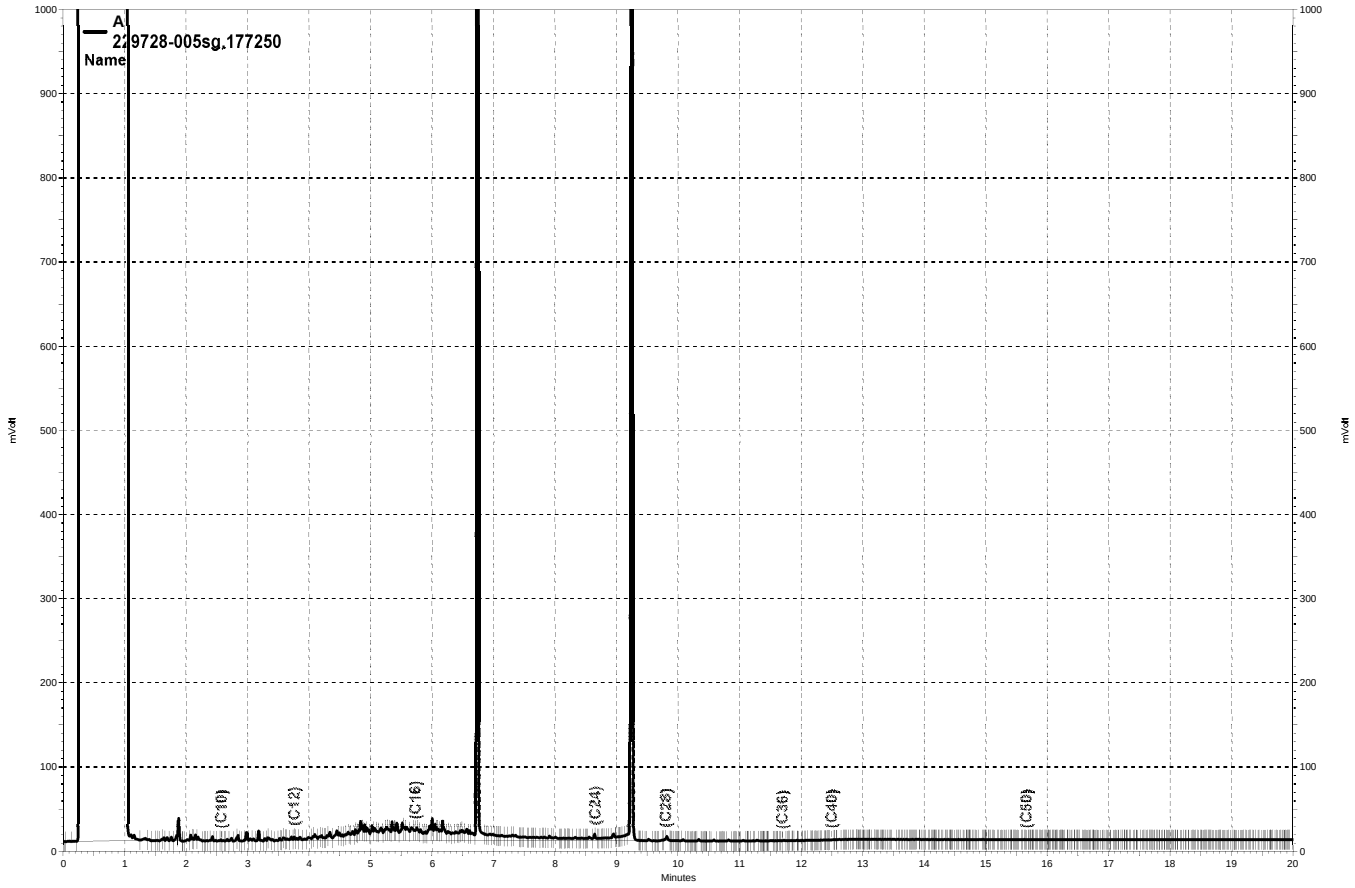
Surrogate	%REC	Limits
o-Terphenyl	112	68-120

Type: MSD Lab ID: QC601986

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	4,322	99	33-140	10	30

Surrogate	%REC	Limits
o-Terphenyl	111	68-120

RPD= Relative Percent Difference



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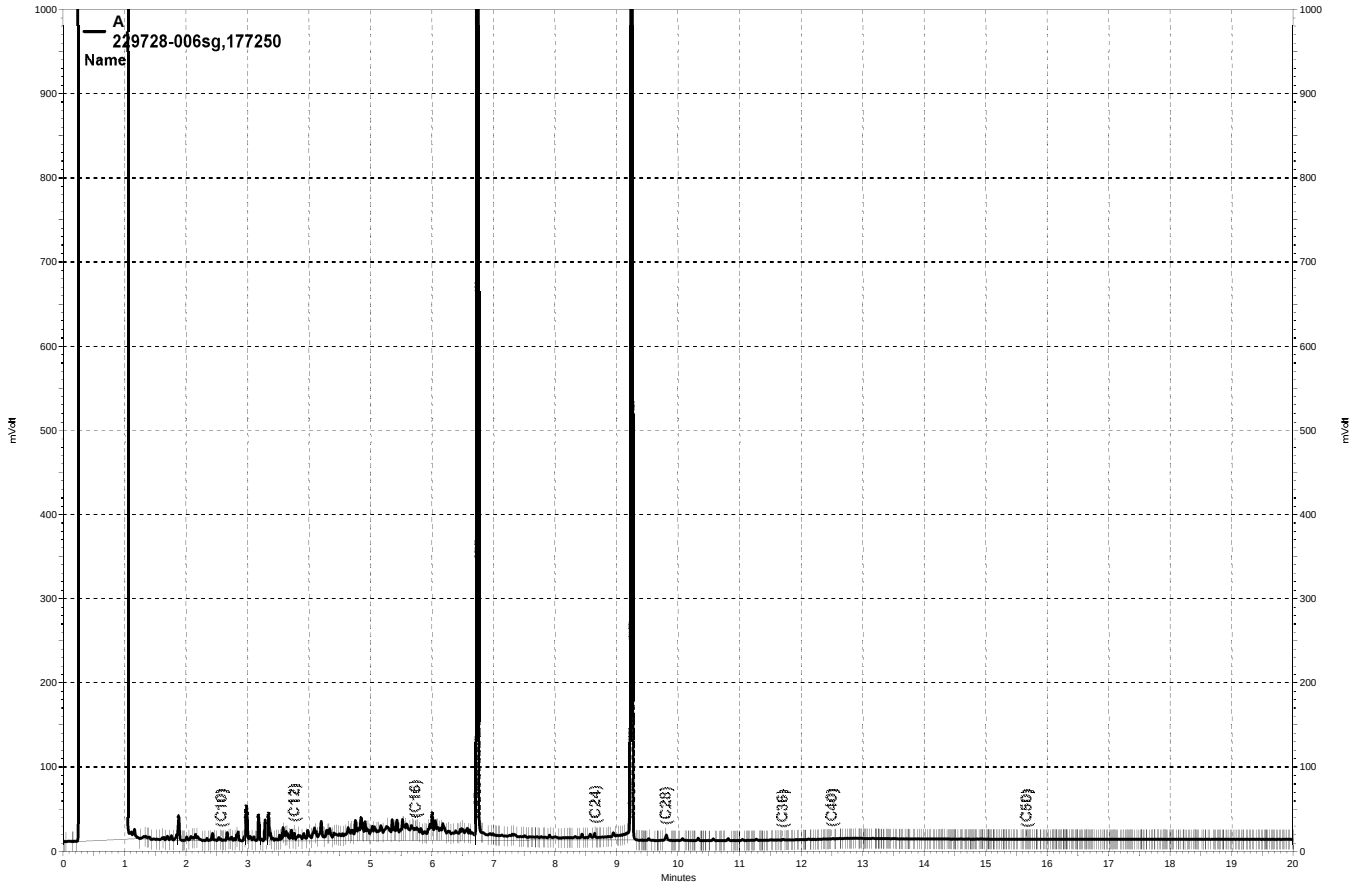

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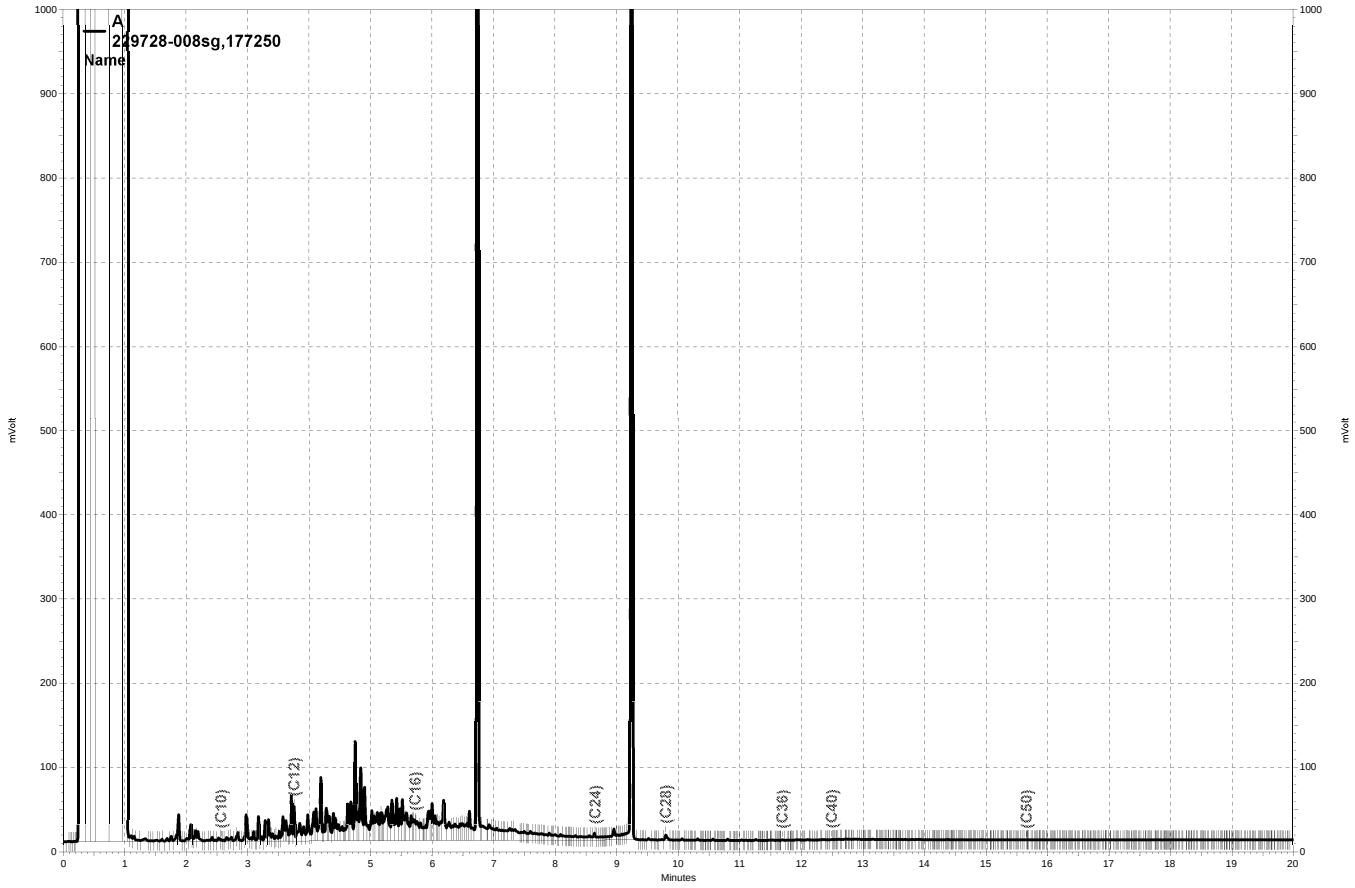

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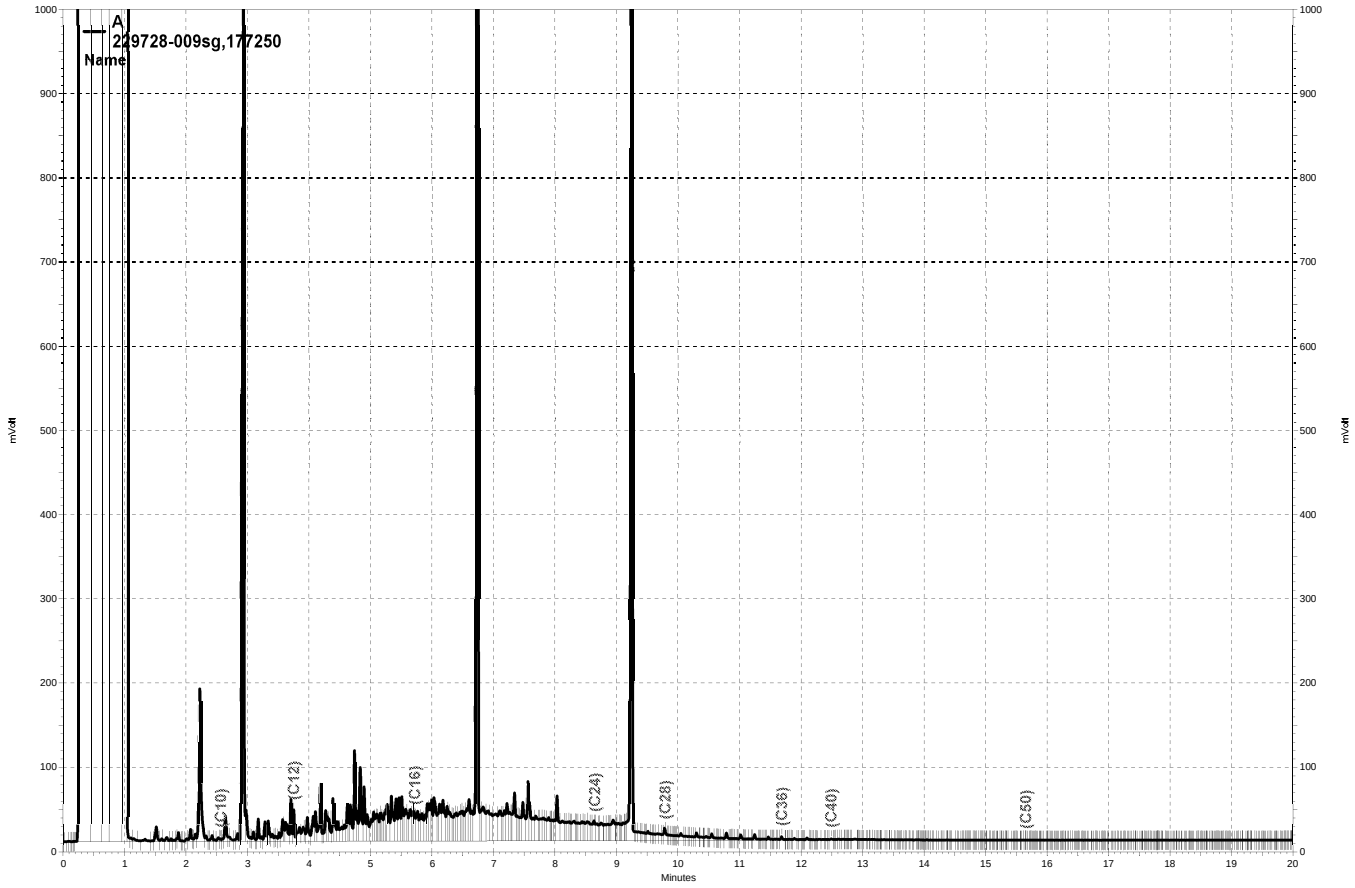

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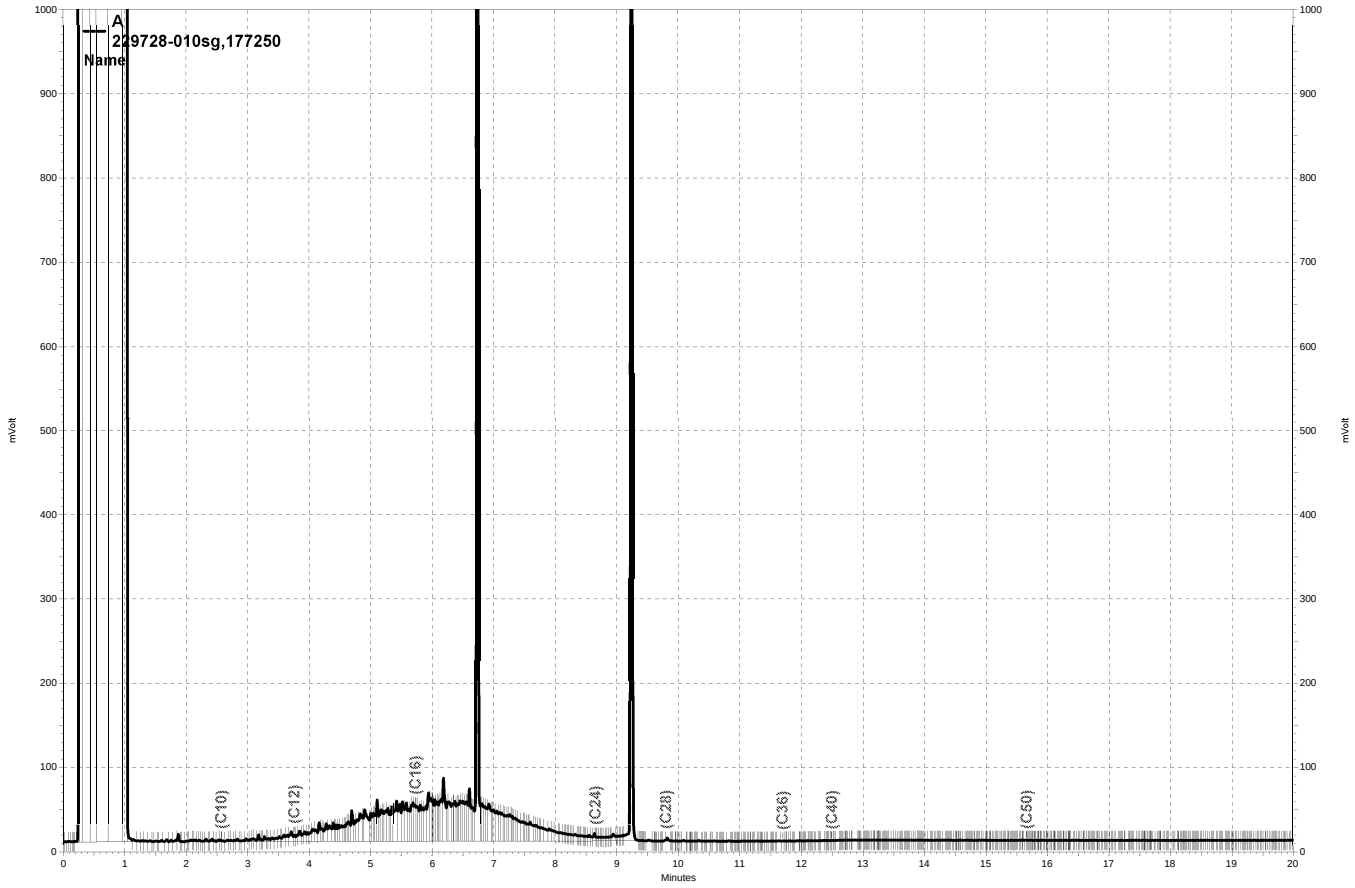

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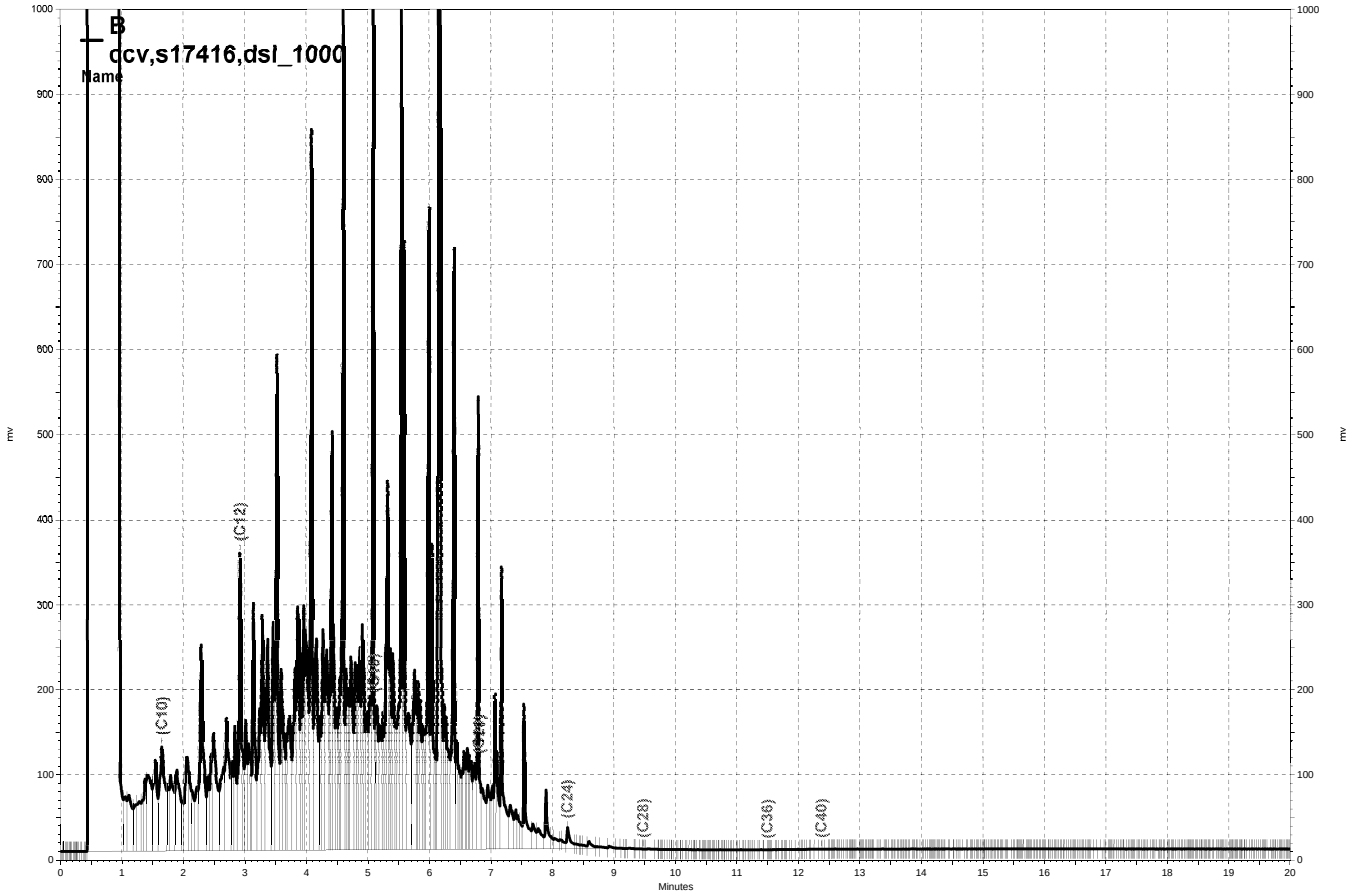

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Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-2	Batch#:	177196
Lab ID:	229728-002	Sampled:	07/25/11
Matrix:	Water	Received:	07/26/11
Units:	ug/L	Analyzed:	07/27/11
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	73-145
Toluene-d8	102	80-120
Bromofluorobenzene	86	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-8	Batch#:	177196
Lab ID:	229728-003	Sampled:	07/25/11
Matrix:	Water	Received:	07/26/11
Units:	ug/L	Analyzed:	07/27/11
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	1.1	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	99	73-145
Toluene-d8	102	80-120
Bromofluorobenzene	87	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	EB	Batch#:	177239
Lab ID:	229728-004	Sampled:	07/25/11
Matrix:	Water	Received:	07/26/11
Units:	ug/L	Analyzed:	07/28/11
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	84	73-145
Toluene-d8	97	80-120
Bromofluorobenzene	101	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	OW-1	Batch#:	177239
Lab ID:	229728-005	Sampled:	07/25/11
Matrix:	Water	Received:	07/26/11
Units:	ug/L	Analyzed:	07/28/11
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	10	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	85	73-145
Toluene-d8	95	80-120
Bromofluorobenzene	100	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	OW-2	Batch#:	177239
Lab ID:	229728-006	Sampled:	07/25/11
Matrix:	Water	Received:	07/26/11
Units:	ug/L	Analyzed:	07/28/11
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	9.9	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	84	73-145
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-7R	Batch#:	177239
Lab ID:	229728-007	Sampled:	07/25/11
Matrix:	Water	Received:	07/26/11
Units:	ug/L	Analyzed:	07/28/11
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	1.9	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	84	73-145
Toluene-d8	96	80-120
Bromofluorobenzene	102	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-1R	Batch#:	177239
Lab ID:	229728-008	Sampled:	07/25/11
Matrix:	Water	Received:	07/26/11
Units:	ug/L	Analyzed:	07/28/11
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	85	73-145
Toluene-d8	97	80-120
Bromofluorobenzene	100	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	DUP	Batch#:	177239
Lab ID:	229728-009	Sampled:	07/25/11
Matrix:	Water	Received:	07/26/11
Units:	ug/L	Analyzed:	07/28/11
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	83	73-145
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-4	Batch#:	177239
Lab ID:	229728-010	Sampled:	07/25/11
Matrix:	Water	Received:	07/26/11
Units:	ug/L	Analyzed:	07/28/11
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	1.7	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	85	73-145
Toluene-d8	96	80-120
Bromofluorobenzene	99	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	177196
Units:	ug/L	Analyzed:	07/27/11
Diln Fac:	1.000		

Type: BS Lab ID: QC601782

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	19.44	78	59-123
Benzene	25.00	26.30	105	80-122
Toluene	25.00	23.73	95	80-120
Ethylbenzene	25.00	23.21	93	80-120
m,p-Xylenes	50.00	49.43	99	80-120
o-Xylene	25.00	22.91	92	80-120
1,2-Dibromoethane	25.00	23.12	92	79-120
1,2-Dichloroethane	25.00	23.76	95	71-135
Naphthalene	25.00	21.64	87	60-130

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	95	73-145
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-120

Type: BSD Lab ID: QC601783

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	19.61	78	59-123	1	20
Benzene	25.00	25.60	102	80-122	3	20
Toluene	25.00	23.36	93	80-120	2	20
Ethylbenzene	25.00	22.63	91	80-120	3	20
m,p-Xylenes	50.00	47.90	96	80-120	3	20
o-Xylene	25.00	21.98	88	80-120	4	20
1,2-Dibromoethane	25.00	23.42	94	79-120	1	20
1,2-Dichloroethane	25.00	23.47	94	71-135	1	20
Naphthalene	25.00	22.41	90	60-130	4	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	95	73-145
Toluene-d8	97	80-120
Bromofluorobenzene	98	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC601784	Batch#:	177196
Matrix:	Water	Analyzed:	07/27/11
Units:	ug/L		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	97	73-145
Toluene-d8	100	80-120
Bromofluorobenzene	92	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	177239
Units:	ug/L	Analyzed:	07/28/11
Diln Fac:	1.000		

Type: BS Lab ID: QC601951

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	20.76	83	59-123
Benzene	25.00	25.56	102	80-122
Toluene	25.00	25.74	103	80-120
Ethylbenzene	25.00	25.13	101	80-120
m,p-Xylenes	50.00	52.02	104	80-120
o-Xylene	25.00	25.67	103	80-120
1,2-Dibromoethane	25.00	25.29	101	79-120
1,2-Dichloroethane	25.00	23.30	93	71-135
Naphthalene	25.00	28.66	115	60-130

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	82	73-145
Toluene-d8	95	80-120
Bromofluorobenzene	93	80-120

Type: BSD Lab ID: QC601952

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	20.81	83	59-123	0	20
Benzene	25.00	24.83	99	80-122	3	20
Toluene	25.00	25.39	102	80-120	1	20
Ethylbenzene	25.00	24.74	99	80-120	2	20
m,p-Xylenes	50.00	51.65	103	80-120	1	20
o-Xylene	25.00	25.40	102	80-120	1	20
1,2-Dibromoethane	25.00	25.25	101	79-120	0	20
1,2-Dichloroethane	25.00	22.77	91	71-135	2	20
Naphthalene	25.00	29.01	116	60-130	1	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	82	73-145
Toluene-d8	96	80-120
Bromofluorobenzene	93	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC601953	Batch#:	177239
Matrix:	Water	Analyzed:	07/28/11
Units:	ug/L		

Analyte	Result	RL
MTBE	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
1,2-Dibromoethane	ND	0.5
1,2-Dichloroethane	ND	0.5
Naphthalene	ND	0.5

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	84	73-145
Toluene-d8	96	80-120
Bromofluorobenzene	101	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Aromatics by GC/MS

Lab #:	229728	Location:	725 Julie Ann Way, Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	177239
MSS Lab ID:	229774-001	Sampled:	07/28/11
Matrix:	Water	Received:	07/28/11
Units:	ug/L	Analyzed:	07/29/11
Diln Fac:	1.000		

Type: MS Lab ID: QC602130

Analyte	MSS Result	Spiked	Result	%REC	Limits
MTBE	<0.1000	25.00	20.88	84	73-120
Benzene	0.1619	25.00	26.25	104	80-120
Toluene	0.7769	25.00	26.83	104	80-120
Ethylbenzene	0.1565	25.00	25.91	103	80-120
m,p-Xylenes	0.9612	50.00	54.39	107	80-120
o-Xylene	0.3553	25.00	26.44	104	80-120
1,2-Dibromoethane	<0.1252	25.00	25.12	100	80-120
1,2-Dichloroethane	<0.1000	25.00	23.08	92	80-127
Naphthalene	0.5438	25.00	29.22	115	74-125

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	84	73-145
Toluene-d8	96	80-120
Bromofluorobenzene	94	80-120

Type: MSD Lab ID: QC602131

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	20.79	83	73-120	0	20
Benzene	25.00	25.72	102	80-120	2	20
Toluene	25.00	26.97	105	80-120	1	20
Ethylbenzene	25.00	25.70	102	80-120	1	20
m,p-Xylenes	50.00	53.99	106	80-120	1	20
o-Xylene	25.00	26.24	104	80-120	1	20
1,2-Dibromoethane	25.00	25.25	101	80-120	0	20
1,2-Dichloroethane	25.00	23.22	93	80-127	1	20
Naphthalene	25.00	29.10	114	74-125	0	20

Surrogate	%REC	Limits
1,2-Dichloroethane-d4	84	73-145
Toluene-d8	96	80-120
Bromofluorobenzene	94	80-120

RPD= Relative Percent Difference

APPENDIX C
Concentration Plots – 1997 - 2011

2011 Semi-Annual Monitoring and Sampling Report
Former Penske Truck Leasing Facility
725 Julie Ann Way, Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702330.200.0001
September 29, 2011

FIGURE C-1
TPHd versus Time
February 1997 to August 2011
725 Julie Ann Way, Oakland, CA

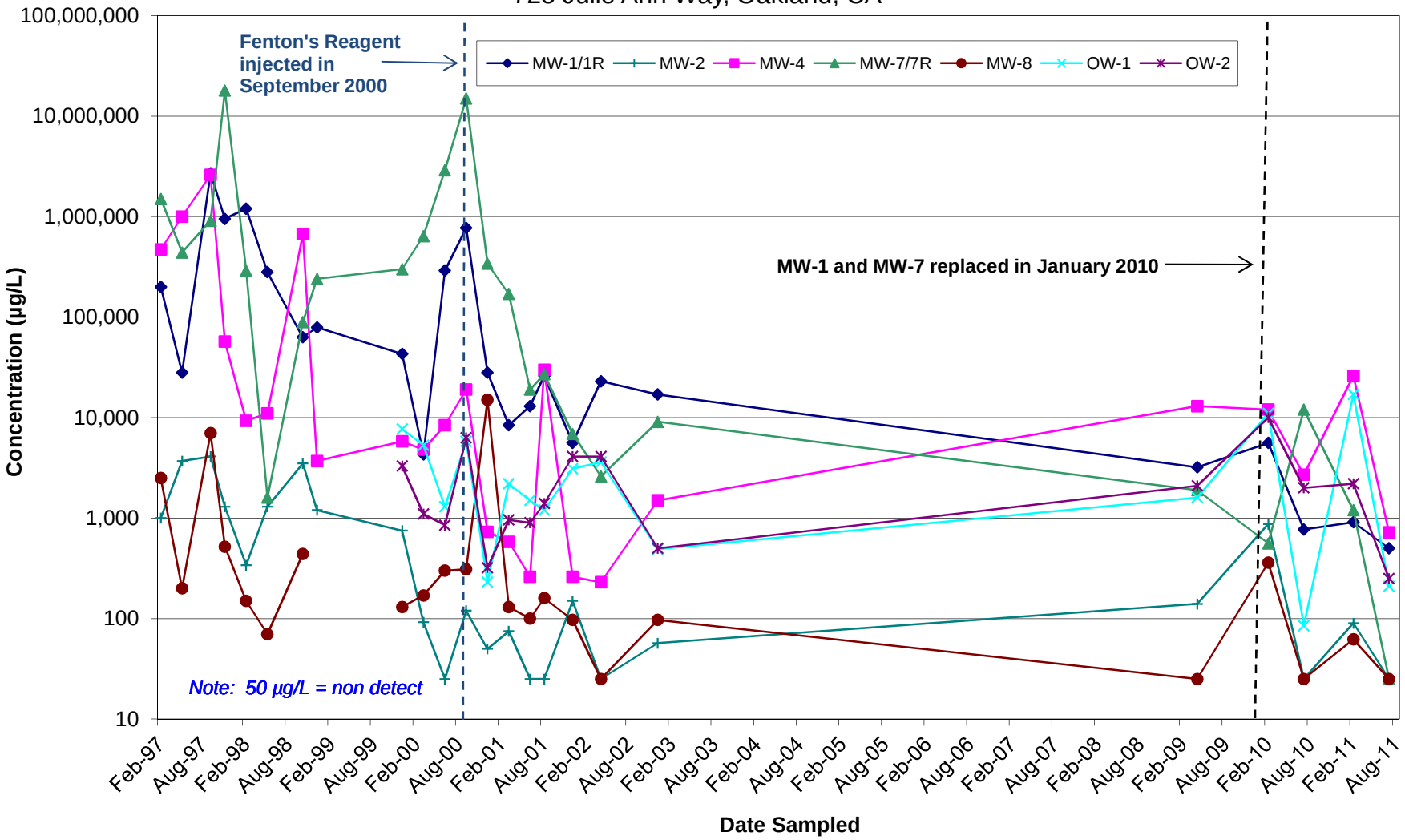

FIGURE C-2
TPHg versus Time
February 1997 to August 2011
725 Julie Ann Way, Oakland, CA

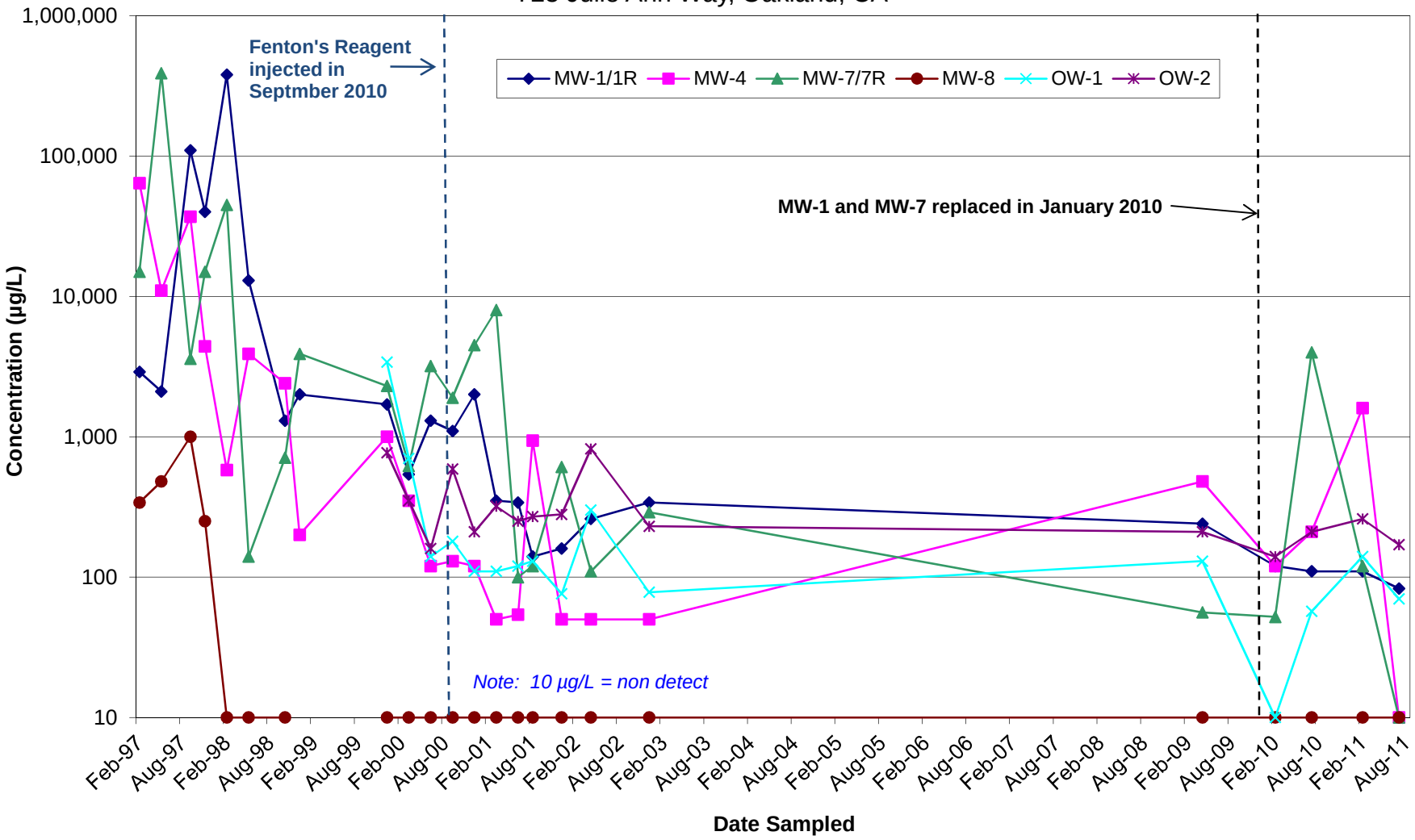

FIGURE C-3
Benzene versus Time
February 1997 to August 2011
725 Julie Ann Way, Oakland, CA

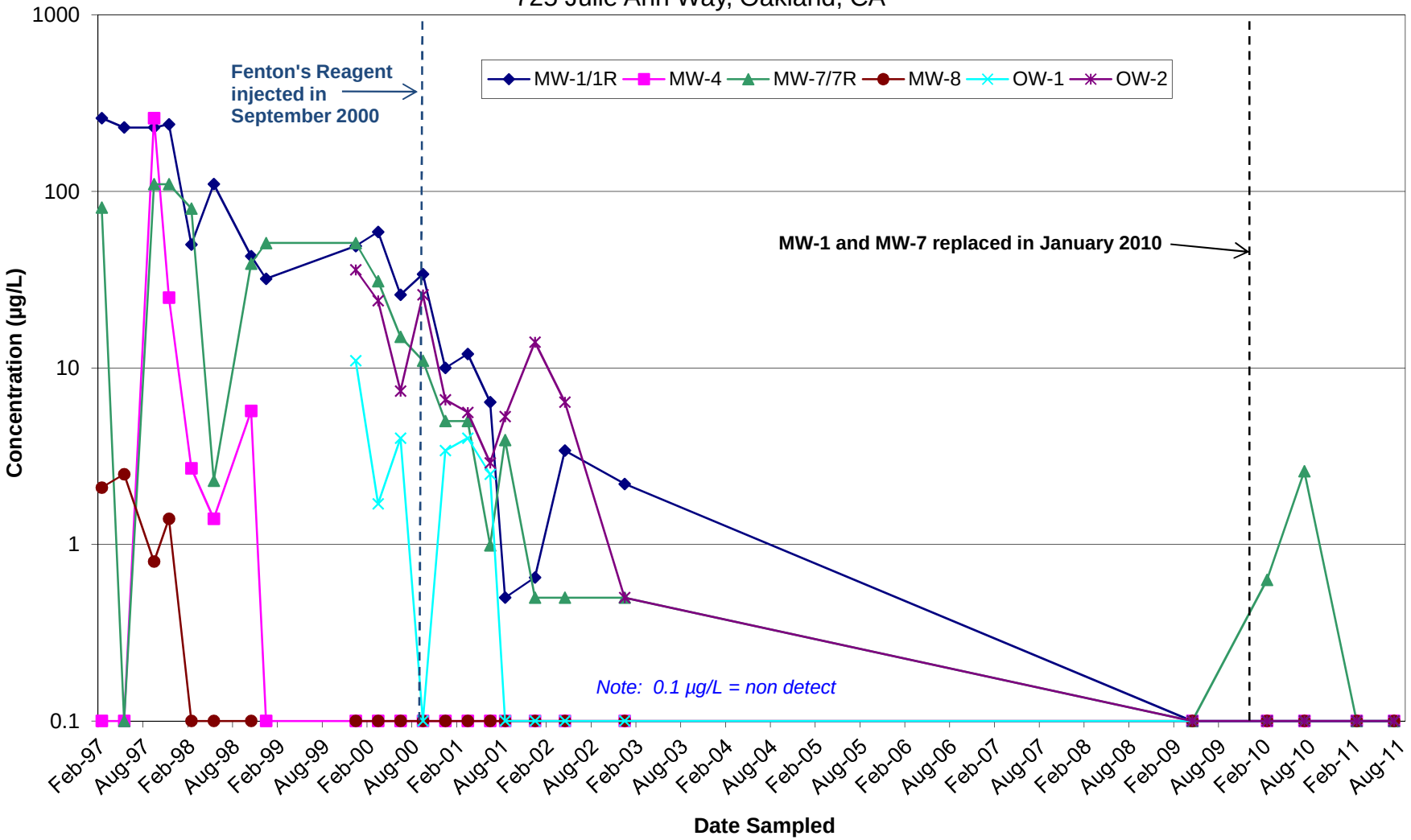

FIGURE C-4
MTBE versus Time
February 1997 to August 2011
725 Julie Ann Way, Oakland, CA