Andrew E. Cullen
Vice President
Energy and Telecommunication Services

June 19, 2012

Ms. Carol Dutterman
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: 2012 Semi-Annual Groundwater Monitoring Report
Former Penske Truck Leasing Facility
725 Julie Ann Way, Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702473.200.0001

Dear Ms. Dutterman:

Subsequent to this cover letter is the 1st quarter groundwater 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
Vice President, Energy and Telecommunication Services

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June 18, 2012

Ms. Carol Dutterman
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: 2012 Semi-Annual Groundwater Monitoring Report
Former Penske Truck Leasing Facility
725 Julie Ann Way, Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702473.200.0001

Dear Ms. Dutterman:

Stantec Consulting Services Inc. (Stantec), on behalf of Penske Truck Leasing Company (Penske), has prepared this *2012 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 Fourth Quarter 2011 and First Quarter 2012.

QUARTERLY GROUNDWATER MONITORING

Groundwater levels were measured by Blaine Tech Services, Inc. (Blaine Tech) in all ten wells in the fourth quarter 2011 (December 6, 2011) and the first quarter 2012 (March 22, 2012). An oil/water interface probe graduated to 0.01 foot was used to evaluate the presence of free-phase product. No free-phase fuel product was measured in any of the wells in December 2011 or March 2012. 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 March 22, 2012, 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) and total petroleum hydrocarbons as diesel (TPHd) by U.S. Environmental Protection Agency (EPA) Method 8015B (samples for TPHd analysis were subjected to silica gel treatment); and,

- Benzene, toluene, ethylbenzene and xylenes (BTEX), methyl tertiary-butyl ether (MTBE), ethylene dichloride (EDC), ethylene dibromide (EDB), and naphthalene by EPA Method 8260B.

The chain of custody and the laboratory analytical report are included in Appendix B.

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 December 6, 2011 and March 22, 2012 is presented in Table 2. The potentiometric surface maps generated from the data are included as Figures 3 and 4.

December 2011 depth-to-groundwater measurements ranged from 4.55 to 6.17 feet below the top of casing, corresponding to a range of groundwater elevations of 5.43 to 6.20 feet relative to the NAVD 88 datum. No sheen or measurable free-phase product was observed during the December 2011 monitoring event. Groundwater flow direction was toward the southwest (see Figure 3).

March 2012 depth-to-groundwater measurements ranged from 4.18 to 5.40 feet below the top of casing, corresponding to a range of groundwater elevations of 6.20 to 6.67 feet relative to the NAVD 88 datum. No sheen or measurable free-phase product was observed during the March 2012 monitoring event. Groundwater flow direction was toward the west-southwest (see Figure 4).

Groundwater Sample Analytical Results

Field measurements of pH, DO, and ORP are presented in Table 3 and groundwater sample analytical results are presented in Table 4. March 2012 results for TPHd, TPHg, BTEX, and MTBE are shown on Figure 5. The laboratory analytical report and chain-of-custody record are attached as Appendix A. The following sections summarize groundwater analytical results.

TPHd

TPHd was reported in five of the seven wells at concentrations ranging from 680 micrograms per liter (µg/L; well OW-2) to 2,800 µg/L (well MW-7R).

TPHg

TPHg was reported in four of seven groundwater samples at concentrations ranging from 56 µg/L (well OW-2) to 320 µg/L (well MW-7R).

MTBE

MTBE was reported in four of the seven groundwater samples at concentrations ranging from 0.9 µg/L (well MW-4) to 6 µg/L (well OW-2).

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.

CONCENTRATION TRENDS

The following is a summary of concentration trends for each of the chemical constituents. Plots depicting concentrations trends since 2009 (when groundwater monitoring at the Site was resumed following Fentons reagent treatment in 2000 and cessation of post-treatment monitoring in 2002) are included as Figures 6 through 9. Historical concentration plots depicting data from February 1997 through March 2012 are included in Appendix C.

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

- Concentrations of TPHd in well MW-1R continue a generally decreasing trend. The reported concentrations of 810/1,300 µg/L in duplicate samples collected in March 2012 is consistent with the concentration of 1,000 µg/L reported in July 2011, and concentrations during the last two events are lower than concentrations reported following well installation in 2010 (up to 5,800 µg/L TPHD in duplicate samples collected in February 2010).

- TPHd has not been detected above laboratory reporting limits in wells MW-2 and MW-8 for the second consecutive sampling event. Concentrations of TPHd in these wells have generally remained low (below 200 µg/L) since Fentons treatment in 2000, except for 870 µg/L and 360 µg/L reported in wells MW-2 and MW-8, respectively, in February 2010.

- The TPHd concentration of 2,500 µg/L reported in well MW-4 represents an increase from the concentration of 720 µg/L reported during the July 2011 sampling event. Overall, TPHd concentrations in this well have decreased since post-treatment monitoring resumed in April 2009, except for an anomalously high concentration of TPHd (26,000 µg/L) reported in February 2011.

- The concentration of 2,800 µg/L TPHd reported in well MW-7R has increased since the July 2011 sampling event (when TPHd was not reported above the laboratory reporting limit), and represents the highest value reported in this well since July 2010.

- Concentrations of TPHd in wells OW-1 and OW-2 continue to fluctuate. Concentrations reported in March 2012 are slightly higher than those reported during the last sampling event in July 2011, but are significantly lower than the highest concentrations reported since groundwater monitoring resumed in 2009.

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

- Concentrations of TPHg in wells MW-1R and OW-1 are low and have generally remained stable during the post-treatment period.
- TPHg concentrations continue to be below laboratory reporting limits in wells MW-2 and MW-8, and TPHg has not been detected in well MW-4 for two consecutive sampling events.
- The concentration of TPHg reported in well MW-7R (320 µg/L) represents an increase from the July 2011 sampling event, but is lower than the historical high concentration of 4,000 µg/L reported in July 2010.
- The concentration of TPHg (56 µg/L) reported in well OW-2 is the lowest reported to date, and is generally consistent with recent historical data.

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

- 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 9.

- MTBE is typically detected in wells MW-4, MW-7R, MW-8, OW-1, and OW-2, and has been detected one or more times in wells MW-1/1R and MW-2. Concentrations are typically low, with concentrations below 10 µg/L since groundwater monitoring resumed at the Site in 2009. The March 2012 analytical results are consistent with historical data, with wells OW-1 and OW-2 decreasing since a recent maximum concentration reported in July 2011.

EDC/EDB and Naphthalene

- 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 completed in 2009 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 low concentrations TPHd, TPHg and MTBE.
- ❑ Concentrations of petroleum hydrocarbons in groundwater have generally decreased since treatment with Fenton's reagent in 2000, and no longer warrant ongoing groundwater monitoring.

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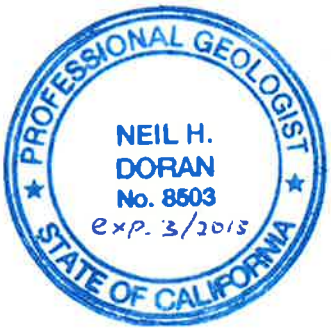
cc: Mr. Andrew Cullen, Penske Truck Leasing, Reading PA



List of Attachments

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Table 2	Groundwater Elevation Data
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Figure 1	Site Location Map
Figure 2	Site Plan
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Figure 5	Fuel Hydrocarbon Constituents in Groundwater – March 2012
Figure 6	TPHd versus Time, April 2009 to March 2012
Figure 7	TPHg versus Time, April 2009 to March 2012
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Appendix A	Groundwater Sample Collection Logs
Appendix B	Water Sample Laboratory Reports and Chain-of-Custody Forms
Appendix C	Concentration Plots – 1997 to 2012

TABLES

2012 Semi-Annual Groundwater Monitoring Report
Former Penske Truck Leasing Facility
725 Julie Ann Way
Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702473.200.0001
June 18, 2012

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	unk	unk unk	10.75
OW-2	37.7598650	-122.20911	14.0	2	0.02	unk	unk unk	11.03

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

ft. bgs = feet below ground surface

unk = well screen details unknown

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
	12/06/11		5.29	5.73
	03/22/12		4.35	6.67
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
	12/06/11		6.16	5.71
	03/22/12		5.40	6.47

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-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
	12/06/11		6.17	5.62
	03/22/12		5.36	6.43
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
	12/06/11		5.34	5.54
	03/22/12		4.67	6.21

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
	12/06/11		4.82	5.59
	03/22/12		4.18	6.23
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
	12/06/11		5.49	5.56
	03/22/12		4.74	6.31

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
	12/06/11		5.28	5.56
	03/22/12		4.32	6.52
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
	12/06/11		5.32	5.43
	03/22/12		4.46	6.29

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
	12/06/11		4.55	6.20
	03/22/12		4.55	6.20
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
	12/06/11		4.85	6.18
	03/22/12		4.58	6.45

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
	03/22/12	6.84	0.83/0.50	-4/-58
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
	03/22/12	7.36	0.48/0.79	215/227

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-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
	03/22/12	7.81	1.01/0.29	119/171
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
	03/22/12	7.32	0.48/0.57	119/43

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-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
	03/22/12	7.02	0.63/0.40	248/236
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
	03/22/12	6.71	0.03/1.00	52/18

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-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
	03/22/12	6.81	0.71/0.58	102/-6

Notes:
D.O. - Dissolved Oxygen
mg/L - milligrams per liter
ORP - Oxidation Reduction Potential
NM - Not Measured
Multiple values represent pre- and post-purge measurements.

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
		(µg/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
	03/22/12	810	120 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
Dup	03/22/12	1,300	94 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
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(j)	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(j)	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
	03/22/12	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
ESLs		100	100	1.0	40	30	20	5.0	5.0	0.05	17

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
		(µg/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[i]	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
	03/22/12	2,500	<50	<0.50	<0.50	<0.50	<0.50	0.9	<0.50	<0.50	<2.0
MW-5	02/20/97	1,100[m]	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[i]	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[i]	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[i]	ND	ND	ND	ND	ND	ND	NA	NA	NA
	04/11/02	230[i]	ND	ND	ND	ND	ND	NA	NA	NA	NA
		Well MW-5 no longer included in sampling program									
ESLs		100	100	1.0	40	30	20	5.0	5.0	0.05	17

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
		(µg/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	<0.50	<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
	03/22/12	2,800	320 (k)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
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(i)	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(i)	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(i)	ND	ND	ND	ND	ND	ND	NA	NA	NA
	12/13/01	97(i)	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
	03/22/12	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<0.50	<2.0
ESLs		100	100	1.0	40	30	20	5.0	5.0	0.05	17

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
		(µg/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(k)	140(k)	4	ND	ND	2.2	6.6	NA	NA	NA
	09/14/00	5800(k)	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	2200(k)	110	4	ND	ND	0.5	ND	NA	NA	NA
	06/13/01	1500(k)	120	2.5	ND	ND	ND	ND	NA	NA	NA
	08/29/01	1,200(k)	130(k)	ND	ND	ND	ND	ND	NA	NA	NA
	12/12/01	3,100(k)	76(k)	ND	ND	ND	ND	ND	NA	NA	NA
	04/11/02	3,600(k)	300(k)	ND	ND	ND	ND	NA	NA	NA	NA
	12/05/02	490(k)	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
	03/22/12	710	81(k)	<0.50	<0.50	<0.50	<0.50	4.3	<0.50	<0.50	<2.0
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
	03/22/12	680	56 (k)	<0.50	<0.50	<0.50	<0.50	6.0	<0.50	<0.50	<2.0
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
	03/22/12	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA
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
	03/22/12	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.0
ESLs		100	100	1.0	40	30	20	5.0	5.0	0.05	17

Notes:

µg/L - micrograms per liter
TPHd - Total Petroleum Hydrocarbons as diesel
TPHg - Total Petroleum Hydrocarbons as gasoline
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
< - Indicates constituent not detected at or above specified reporting limit

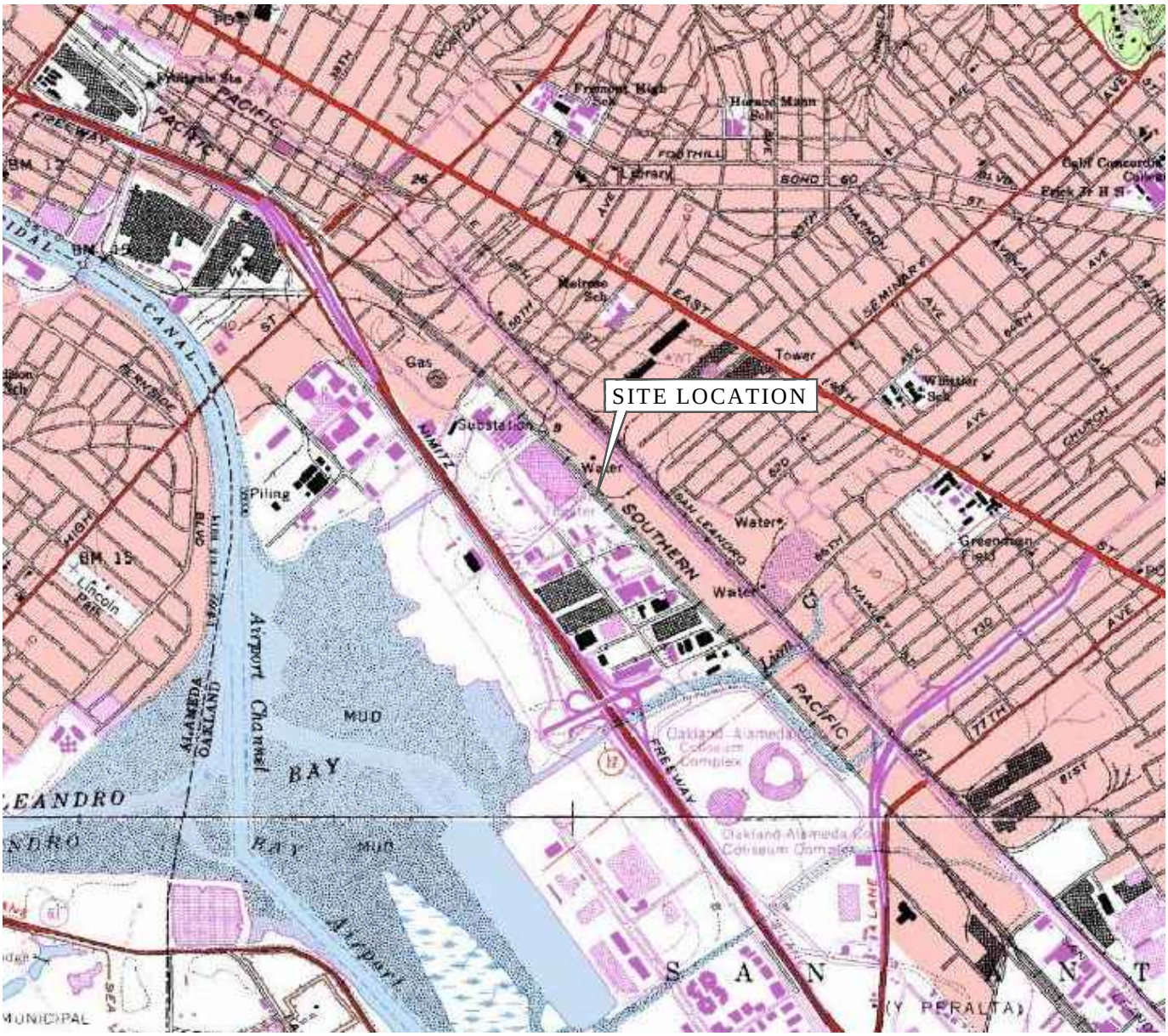
ESLs Regional Water Quality Control Board, San Francisco Bay Region, Environmental Screening Levels, presented in *Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater* (Interim Final - May 2008). for Commerical/Industrial Sites, Shallow Soil, and Drinking Water Resource

(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.
(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

2012 Semi-Annual Groundwater Monitoring Report
Former Penske Truck Leasing Facility
725 Julie Ann Way
Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702473.200.0001
June 18, 2012



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

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Lafayette California
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FOR:		SITE LOCATION MAP		FIGURE:
PENSKE 725 JULIE ANN WAY OAKLAND, CALIFORNIA				1
JOB NUMBER: 185702474.200.0001	DRAWN BY: RRR	CHECKED BY: EH	APPROVED BY: EH/GH/AM	DATE: 04/20/12

FILEPATH:M:\Penske\OAKLAND\185702473.200.0001\GW-MONITORING-4Q11_1Q12-F1.dwg|RRoggasch|Apr 19, 2012 at 9:18|Layout: SITE LOCATION MAP

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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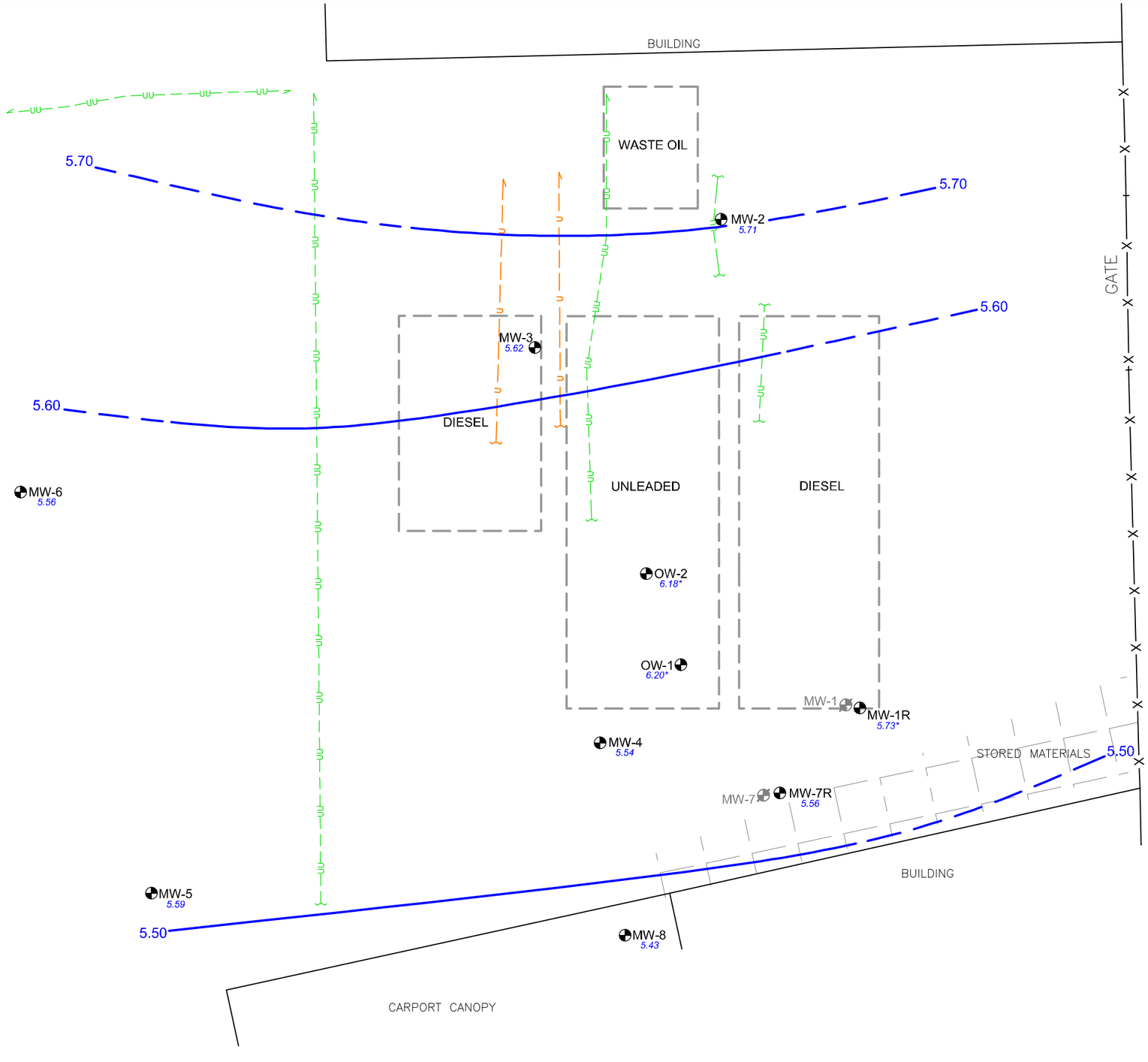
PREPARED FOR:			
PENSKE 725 JULIE ANN WAY OAKLAND, CALIFORNIA		SITE PLAN	FIGURE: 2
JOB NUMBER: 185702473.200.0001	DRAWN BY: RRR/JBL	CHECKED BY: EH	APPROVED BY: EH / DATE: 04/20/12

FILEPATH:M:\Penske\OAKLAND\185702473.200.0001\GW-MONITORING-4Q11_1Q12-F2_F5.dwg|RRoggasch|Apr 19, 2012 at 9:08|Layout: FIG-2



LEGEND:

- UNDIFFERENTIATED NONMETALLIC UTILITY LINE
- UNDIFFERENTIATED METALLIC UTILITY LINE
- FENCE
- APPROXIMATE EXTENT OF FORMER TANK EXCAVATION
- EXISTING MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION
- 5.71 GROUNDWATER ELEVATION (RELATIVE TO NAVD 88 DATUM)
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED) WELLS SOUNDED ON DECEMBER 6, 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 DECEMBER 2011

FIGURE: 3

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702473.200.0001	RRR/JBL	EH	EH	04/20/12

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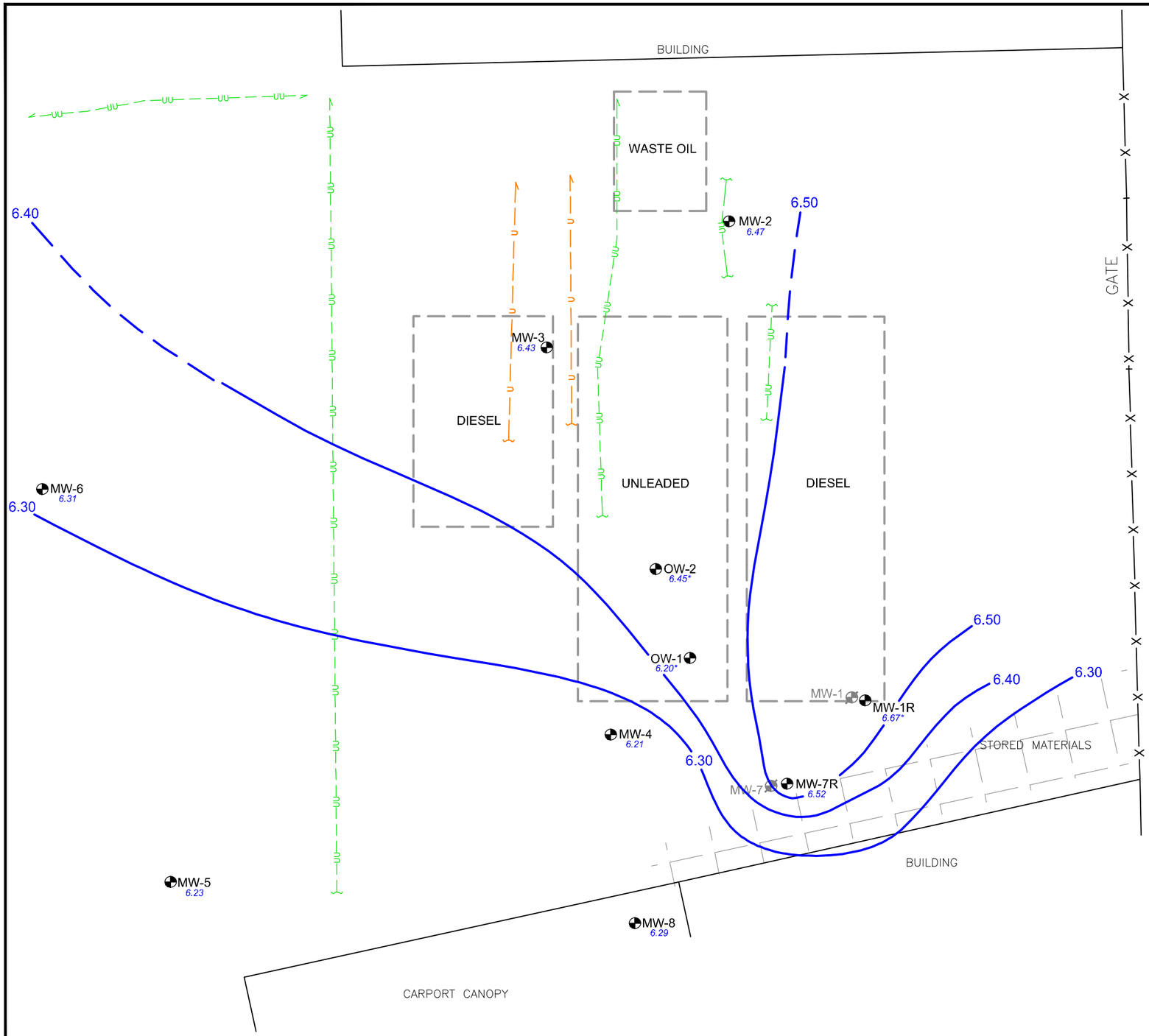

LEGEND:

- UNDIFFERENTIATED NONMETALLIC UTILITY LINE
- UNDIFFERENTIATED METALLIC UTILITY LINE
- FENCE
- APPROXIMATE EXTENT OF FORMER TANK EXCAVATION
- EXISTING MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION
- 6.47 GROUNDWATER ELEVATION (RELATIVE TO NAVD 88 DATUM)
- GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED) WELLS SOUNDED ON MARCH 22, 2012
- 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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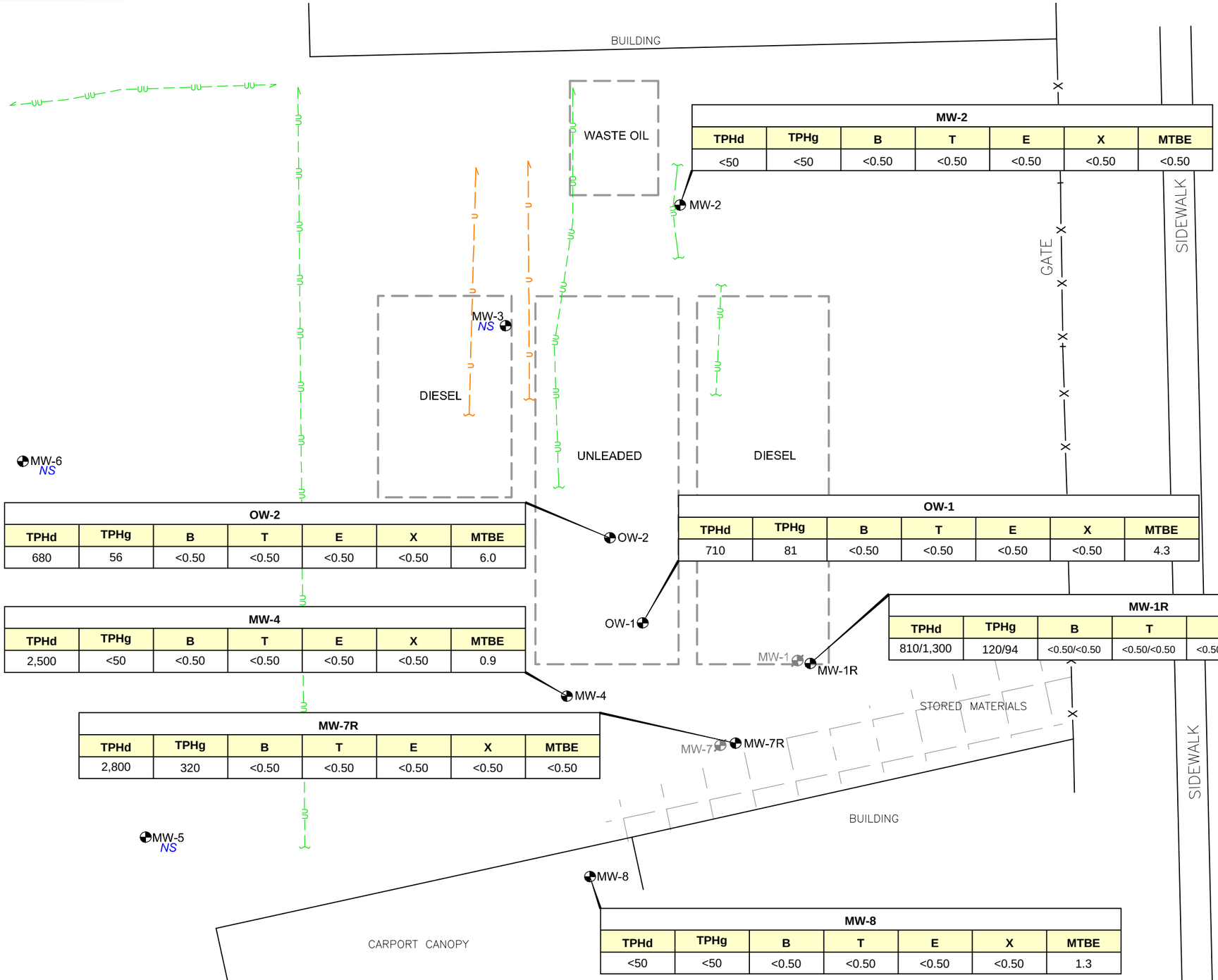
PREPARED FOR:
PENSKE
725 JULIE ANN WAY
OAKLAND, CALIFORNIA

GROUNDWATER ELEVATION
SURFACE CONTOUR MAP
MARCH 2012

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702473.200.0001	RRR/JBL	EH	EH	04/20/12



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
680	56	<0.50	<0.50	<0.50	<0.50	6.0

OW-1						
TPHd	TPHg	B	T	E	X	MTBE
710	81	<0.50	<0.50	<0.50	<0.50	4.3

MW-4						
TPHd	TPHg	B	T	E	X	MTBE
2,500	<50	<0.50	<0.50	<0.50	<0.50	0.9

MW-1R						
TPHd	TPHg	B	T	E	X	MTBE
810/1,300	120/94	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50

MW-7R						
TPHd	TPHg	B	T	E	X	MTBE
2,800	320	<0.50	<0.50	<0.50	<0.50	<0.50

MW-8						
TPHd	TPHg	B	T	E	X	MTBE
<50	<50	<0.50	<0.50	<0.50	<0.50	1.3

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

NOTE:

1. All results in micrograms per liter (µg/L).
2. Samples collected March 22, 2012.
3. Multiple values represent duplicate results.
4. All TPHg sample results exhibit chromatograph pattern that does not resemble the laboratory standard.

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

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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 MARCH 2012

FIGURE: 5

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
185702473.200.0001	JBL/RRR	EH	EH	04/26/12

FILEPATH:M:\Penske\OAKLAND\185702473.200.0001\GW-MONITORING-4Q11 1Q12-F2 F5.dwg|RRoggasch|Apr 26, 2012 at 10:01|Layout: F5

FIGURE 6
TPHd versus Time
725 Julie Ann Way, Oakland, CA

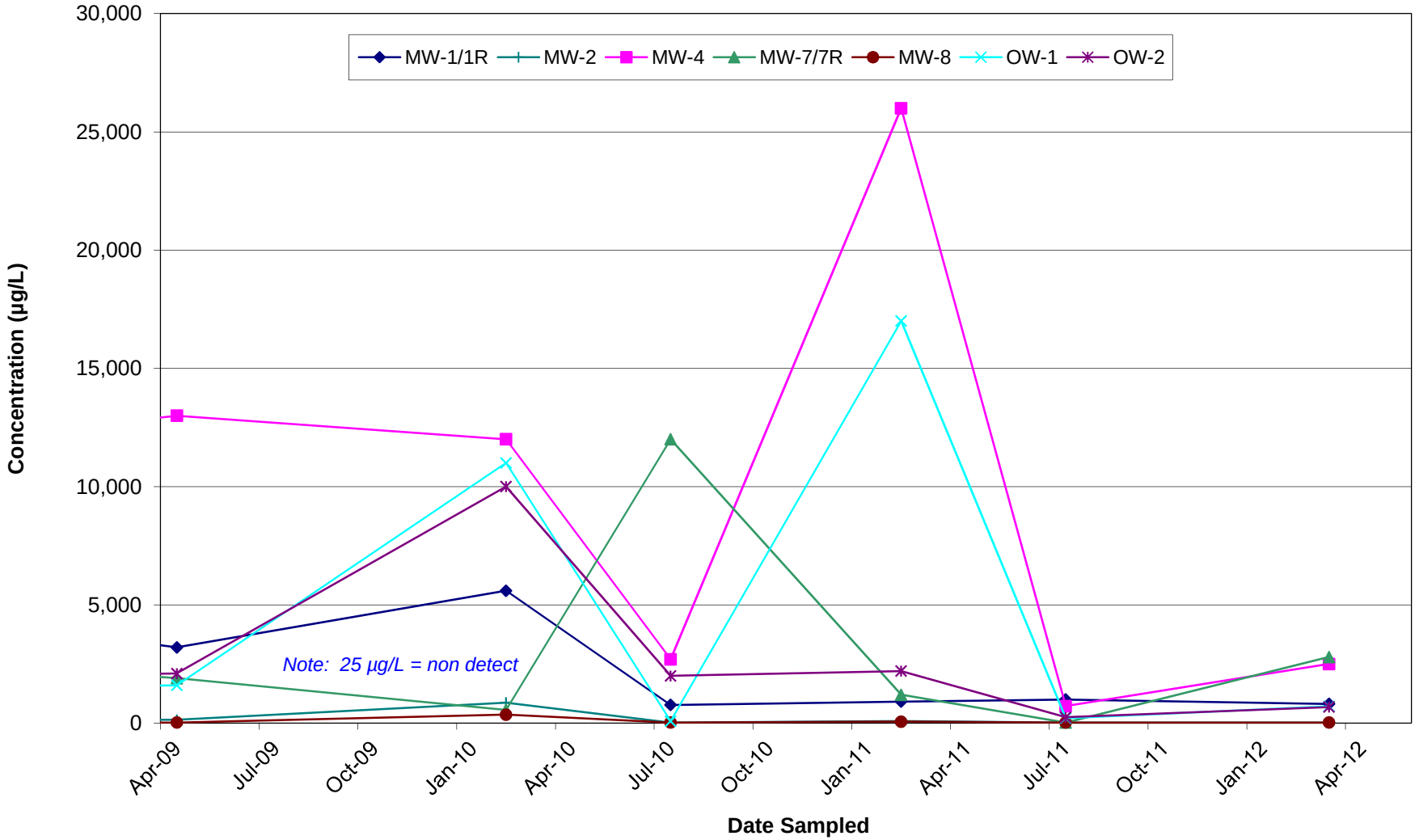


FIGURE 7
TPHg versus Time
725 Julie Ann Way, Oakland, CA

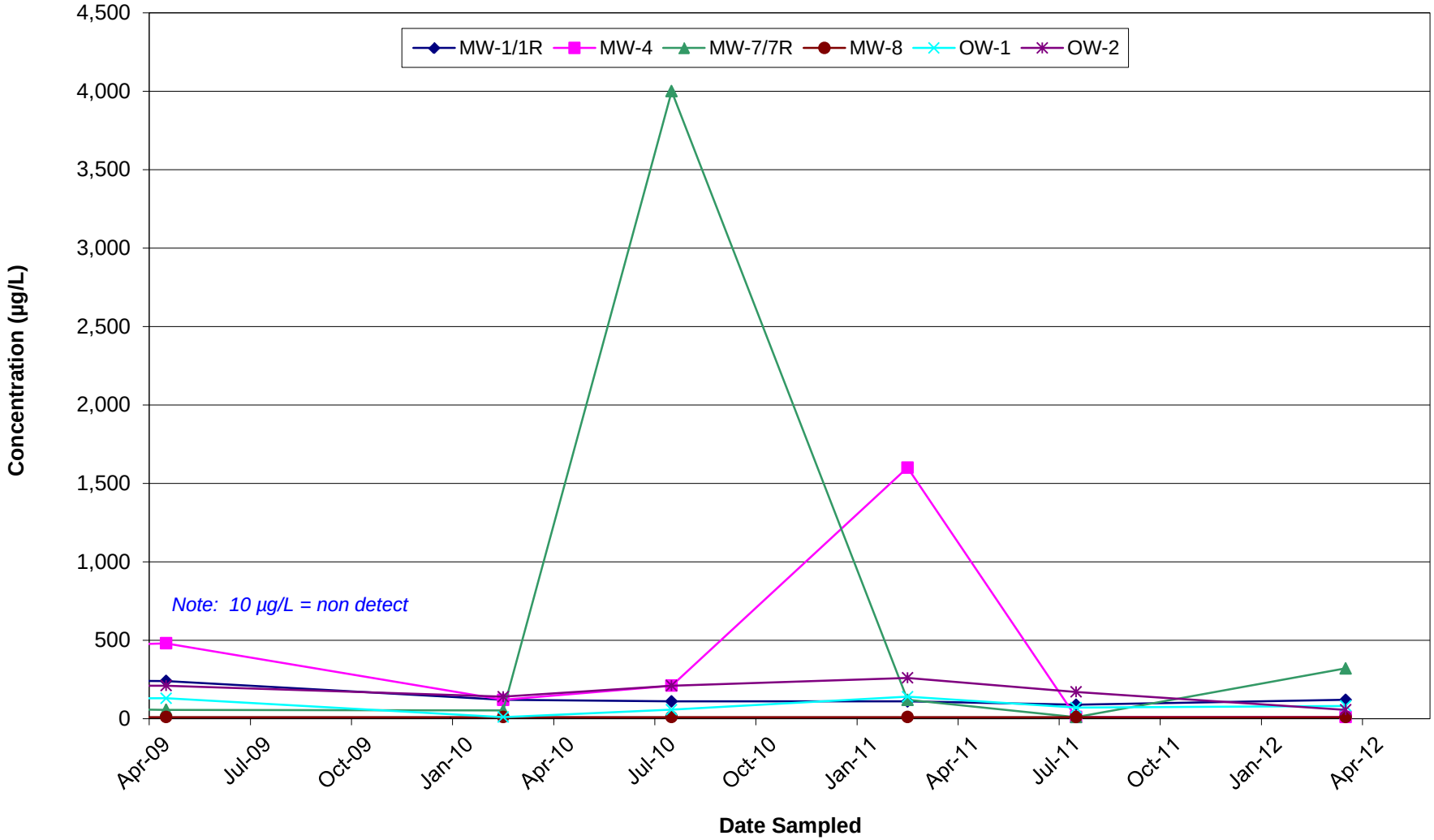


FIGURE 8
Benzene versus Time
725 Julie Ann Way, Oakland, CA

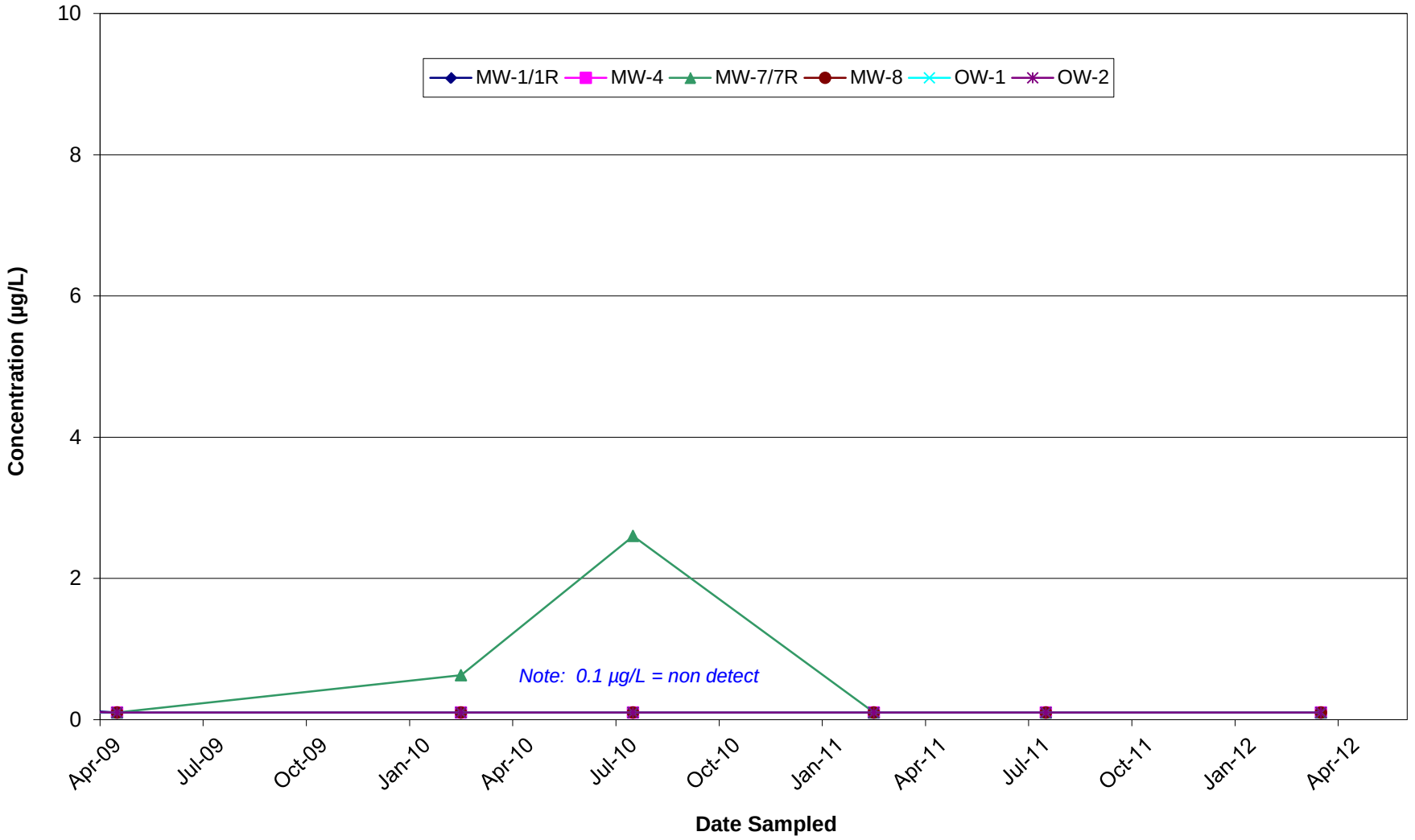
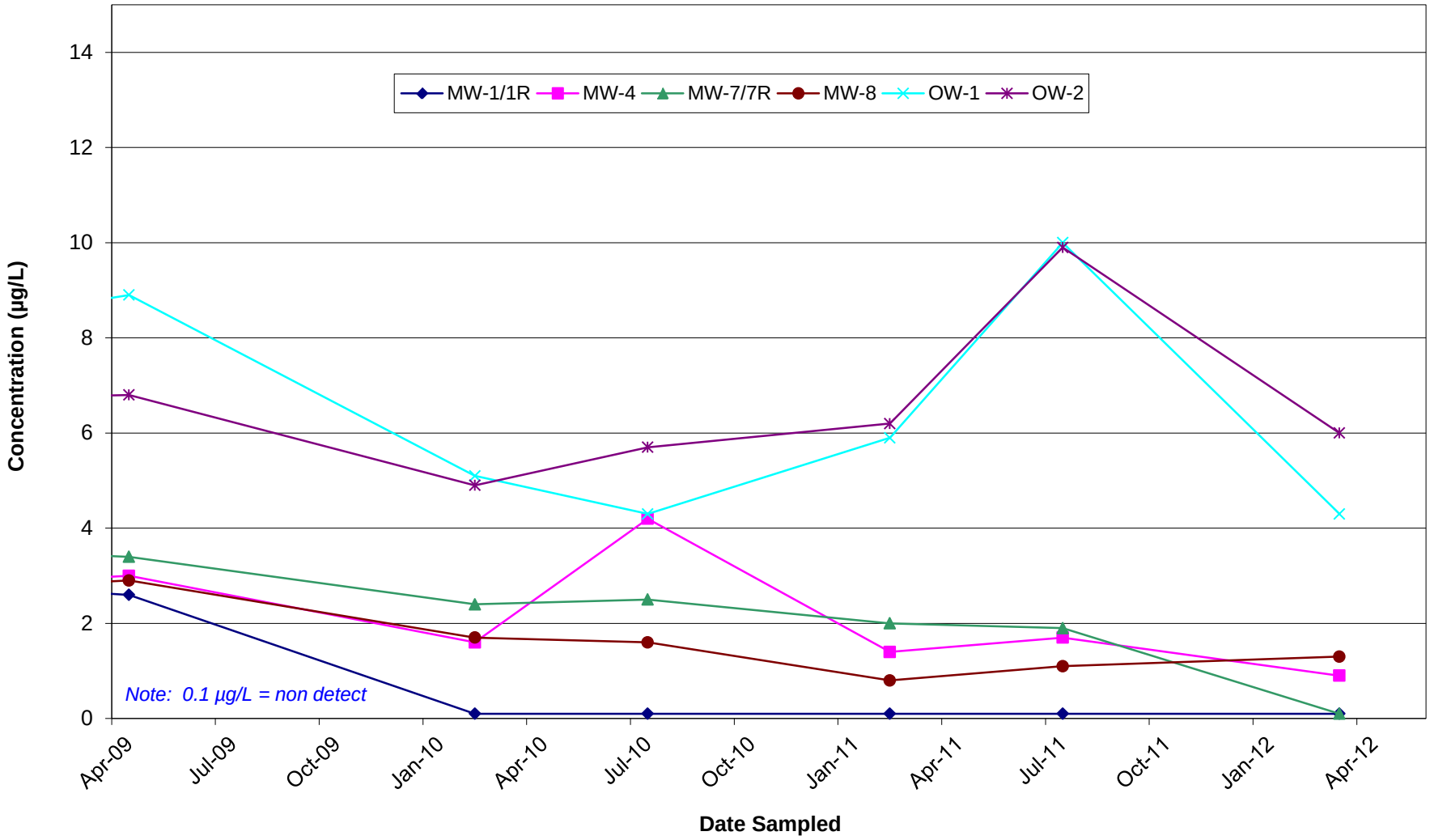


FIGURE 9
MTBE versus Time
725 Julie Ann Way, Oakland, CA



APPENDIX A
Groundwater Sample Collection Logs

2012 Semi-Annual Groundwater Monitoring Report
Former Penske Truck Leasing Facility
725 Julie Ann Way
Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702473.200.0001
June 18, 2012

WELL GAUGING DATA

Project # 111206-R8Z Date 12/6/11 Client Stantec

Site 725 JulieAnn Way, Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	1100	2					5.29	—		
MW-2	1012	4					6.16	—		
MW-3	1016	4					6.17	—		
MW-4	1055	4					5.34	—		
MW-5	1048	4					4.82	—		
MW-6	1020	4					5.49	—		
MW-7A	1028	2					5.28	—		
MW-8	1040	4					5.32	—		
OW-1	1034	4					4.55	—		
OW-2	1046	4					4.85	—		
			No SPH detected							

WELL GAUGING DATA

Project # 120322-WM1 Date 3/22/12 Client STANTEC

Site 725 JULIE ANN WAY, OAKLAND, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or ~~TOC~~	Notes
MW-1R	0917	4					4.35	19.59		
MW-2	0833	4					5.40	29.36		
MW-3	0809	4					5.36	33.43		
MW-4	0856	4	ODOR				4.67	33.22		
MW-5	0829	4					4.18	31.30		
MW-6	0823	4					4.74	24.57		
MW-7R	0910	4					4.32	14.30		
MW-8	0836	4					4.46	26.35		
OW-1	0845	4	ODOR				4.55	19.47		
OW-2	0853	4					4.58	14.66		

WELL MONITORING DATA SHEET

Project #: 120322-WW1	Client: STANTEC
Sampler: WW	Date: 3/22/12
Well I.D.: MW-1R	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.54	Depth to Water (DTW): 4.35
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]: 7.39	

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
1410	17.0	6.89	2098	>1000	2.4	Gray
1411	17.4	6.79	3004	>1000	4.8	"
1413	17.6	6.84	2775	>1000	7.2	"

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

Sampling Date: 3/22/12 Sampling Time: 1420 Depth to Water: 5.12

Sample I.D.: ~~MW-1R~~ (MW-1R) Laboratory: Kiff CalScience Other CTT

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Oxygenates (5) Other: EDC, EDB, NAPHTHALENE

EB I.D. (if applicable): Equipment Blank Time 0800 Duplicate I.D. (if applicable): DUPLICATE @ 1425

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

D.O. (if req'd):	Pre-purge:	0.83 mg/L	Post-purge:	0.50 mg/L	
O.R.P. (if req'd):	Pre-purge:	-4 +7.0 (mV)	Post-purge:	-58 mV	

TB @ 0750

WELL MONITORING DATA SHEET

Project #: 120322-WW1	Client: STANTEC
Sampler: WW	Date: 3/22/12
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 29.36	Depth to Water (DTW): 5.40
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]: 10.19	

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:_____

15.6 (Gals.) X 3 = 46.8 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	radius² * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1120	16.5	8.06	4409	>1000	15.6	cloudy, grey
1124	17.4	7.46	4405	>1000	31.2	" "
1129	17.6	7.36	4493	159	46.8	cloudy, grey

Did well dewater? Yes (No) Gallons actually evacuated: 46.8

Sampling Date: 3/22/12 Sampling Time: 1135 Depth to Water: 5.50

Sample I.D.: MW-2 Laboratory: Kiff CalScience Other C&T

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Oxygenates (5) Other: EDC, EDB, NAPHTHALENE

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:	0.48 mg/L	(Post-purge:)	0.79	mg/L
O.R.P. (if req'd):	(Pre-purge:)	215 mV	Post-purge:	227	mV

WELL MONITORING DATA SHEET

Project #: 120322-WW1	Client: STANTEC
Sampler: WW	Date: 3/22/12
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 33.22	Depth to Water (DTW): 4.67
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]: 10.38	

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	radius² * 0.163

Time	Temp (°F or °C)	pH	Cond. (mS or ~~uS~~)	Turbidity (NTUs)	Gals. Removed	Observations
1318	19.2	7.35	11.07	49	18.6	yellow
WELL	DEW	ATTAINED	@	32 GALS		
1445	18.5	7.81	15.32	31	—	clear

Did well dewater? (Yes) No Gallons actually evacuated: 32

Sampling Date: 3/22/12 Sampling Time: 1445 Depth to Water: 6.41

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

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Oxygenates (5) Other: EDC, EDB, NAPHTHALENE

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:	1.01 mg/L	Post-purge:	0.29 mg/L	
O.R.P. (if req'd):	Pre-purge:	119 mV	Post-purge:	171 mV	

WELL MONITORING DATA SHEET

Project #: 120322-WW1	Client: STANTEC
Sampler: WW	Date: 3/22/12
Well I.D.: MW-7R	Well Diameter: (2) 3 ~~4~~ 6 8 ___
Total Well Depth (TD): 14.30	Depth to Water (DTW): 4.32
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]: 6.32	

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
1.6 (Gals.) X	3	= 4.8 Gals.

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
1341	18.4	7.66	3082	262	1.6	gray, cloudy
1343	18.9	7.35	3081	118	3.2	cloudy
1344	18.4	7.32	3099	72	4.8	cloudy

Did well dewater? Yes (No) Gallons actually evacuated: 4.8

Sampling Date: 3/22/12 Sampling Time: 1350 Depth to Water: 4.53

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

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Oxygenates (5) Other: EDC, EDB, NAPHTHALENE

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:	0.48 mg/L	Post-purge:	0.57 mg/L	
O.R.P. (if req'd):	Pre-purge:	119 mV	Post-purge:	43 mV	(KW)

WELL MONITORING DATA SHEET

Project #: 120322-WW1	Client: STANTEC
Sampler: WW	Date: 3/22/12
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.35	Depth to Water (DTW): 4.46
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]: 8.84	

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
14.2 (Gals.)	X	3	=	42.6 Gals.

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
1150	15.5	7.43	6219	48	14.2	cloudy
1154	16.3	6.92	7057	121	28.4	"
1158	16.6	7.02	6774	105	42.6	"

Did well dewater? Yes (No) Gallons actually evacuated: 42.6

Sampling Date: 3/22/12 Sampling Time: 1205 Depth to Water: 7.88

Sample I.D.: MW-8 Laboratory: Kiff CalScience Other CAT

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Oxygenates (5) Other: EDC, EDB, NAPHTHALENE

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:	0.63 mg/L	Post-purge:	0.40 mg/L	
O.R.P. (if req'd):	Pre-purge:	248 mV	Post-purge:	236 mV	

WELL MONITORING DATA SHEET

Project #: 120322-WW1	Client: STANTEC
Sampler: WW	Date: 3/22/12
Well I.D.: OW-1	Well Diameter: ~~2~~ ~~3~~ (4) 6 8 ___
Total Well Depth (TD): 19.47	Depth to Water (DTW): 4.55
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]: 7.53	

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: ___

9.7 (Gals.) X 3 = 29.1 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
1224	16.6	6.74	3063	149	9.7	yellow
1227	16.3	6.71	3025	27	19.4	"
1229	16.6	6.71	3008	14	29.1	

Did well dewater? Yes (No) Gallons actually evacuated: 29.1

Sampling Date: 3/22/12 Sampling Time: 1235 Depth to Water: 4.55

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

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Oxygenates (5) Other: EDC, EDB, NAPHTHALENE

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:	0.63 mg/L	Post-purge:	1.00 mg/L	
O.R.P. (if req'd):	Pre-purge:	52 mV	Post-purge:	18 mV	

WELL MONITORING DATA SHEET

Project #: 120322-WW1	Client: STANTEC
Sampler: WW	Date: 3/22/12
Well I.D.: OW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 14.66	Depth to Water (DTW): 4.58
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]: 6.60	

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	radius² * 0.163

Time	Temp (°F or (°C))	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1248	16.9	6.88	2969	69	6.6	yellow
1250	17.5	6.80	2858	28	13.2	"
1251	17.3	6.81	2839	18	19.8	"

Did well dewater? Yes (N) Gallons actually evacuated: 19.8

Sampling Date: 3/22/12 Sampling Time: 1300 Depth to Water: 4.58

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

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Oxygenates (5) Other: EDC, EDB, NAPHTHALENE

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:	0.71 mg/L	Post-purge:	0.58 mg/L	
O.R.P. (if req'd):	Pre-purge:	102 mV	Post-purge:	-6 mV	

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME	STANTEC @ 725 JULIE ANN WAY, OAKLAND, CA			PROJECT NUMBER	120322-WW1		
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
MYRON L ULTRAMETER 2	6200577	3/22/12 0810	pH: 7.00 cond: 3900 µs	pH: 7.00; 10.00 4.00 cond: 3900 µs	Yes	16.5 °C	MW
"	"	"	ORP: 243 mV	ORP: 247 mV	"	16.5 "	"
YSI 550A	06E1424AT	3/22/12 0815	DO: 100% @ 10 mg/L	DO: 99.6% @ 10.08 mg/L	Yes	58.3°F	MW

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

2012 Semi-Annual Groundwater Monitoring Report
Former Penske Truck Leasing Facility
725 Julie Ann Way
Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702473.200.0001
June 18, 2012


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 235149
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
MW-1R	235149-001
MW-2	235149-002
MW-4	235149-003
MW-7R	235149-004
MW-8	235149-005
OW-1	235149-006
OW-2	235149-007
TB	235149-008
DUPLICATE	235149-009
EQUIPMENT BLANK	235149-010

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: 03/30/2012
Project Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**235149**
Client:	**Stantec**
Location:	**725 Julie Ann Way Oakland CA**
Request Date:	**03/23/12**
Samples Received:	**03/23/12**

This data package contains sample and QC results for ten water samples, requested for the above referenced project on 03/23/12. 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.

BLAINE
TECH SERVICES, INC.

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

CONDUCT ANALYSIS TO DETECT

LAB 235149 C&T Berkeley | DHS #

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

CHAIN OF CUSTODY BTS # 120322-WW1
CLIENT Stantec
SITE 725 Julie Ann Way
Oakland CA

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=H_2O	CONTAINERS TOTAL	6 HCl vials + 2-1L-NP-A&B	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	MW-1R	3/22/12	1420	W	8				X	X	X	X							
2	MW-2		1135		8				X	X	X	X							
3	MW-4		1445		8				X	X	X	X							
4	MW-7R		1350		8				X	X	X	X							
5	MW-8		1205		8				X	X	X	X							
6	OW-1		1235		8				X	X	X	X							
7	OW-2		1300		8				X	X	X	X							
8	TB		0750		2	HCl VOCs			X										
9	DUPLICATE		1425		8	mixed			X	X	X	X							
10	EQUIPMENT BLANK		0800		8	mixed			X	X	X	X							

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY
	3/22/12	1445	WILLIAM WONG

RESULTS NEEDED NO LATER THAN **Standard TAT**

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	3/22/12	1631	SAMPLE CUSTODIAN	3/22/12	1631
(sample custodian)	3/23/12	1253		3/23/12	1253
	3/23/12	1630		3/23/12	1030

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

start cold RC

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 235149 Date Received 3/23/12 Number of coolers 2
Client STANTEC Project 725 JULIE ANN WAY

Date Opened 3/23/12 By (print) I-CHOI (sign)
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) 11, 0.5°C

☐ Samples Received on ice & cold without a temperature blank; temp. taken with IR gun

☐ 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 there any missing / extra samples? _____ YES (NO)
11. Are samples in the appropriate containers for indicated tests? _____ (YES) NO
12. Are sample labels present, in good condition and complete? _____ (YES) NO
13. Do the sample labels agree with custody papers? _____ (YES) NO
14. Was sufficient amount of sample sent for tests requested? _____ (YES) NO
15. Are the samples appropriately preserved? _____ (YES) NO N/A
16. Did you check preservatives for all bottles for each sample? _____ YES NO (N/A)
17. Did you document your preservative check? _____ YES NO (N/A)
18. Did you change the hold time in LIMS for unpreserved VOAs? _____ YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? _____ YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? _____ (YES) NO N/A
21. Was the client contacted concerning this sample delivery? _____ YES (NO)
If YES, Who was called? _____ By _____ Date: _____

COMMENTS

_____

_____

_____

_____

_____

_____

Rev 10, 11/11

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/22/12
Units:	ug/L	Received:	03/23/12
Diln Fac:	1.000		

Field ID:	MW-1R	Batch#:	184955
Type:	SAMPLE	Analyzed:	03/27/12
Lab ID:	235149-001		

Analyte	Result	RL
Gasoline C7-C12	120 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	76-121

Field ID:	MW-2	Batch#:	184955
Type:	SAMPLE	Analyzed:	03/27/12
Lab ID:	235149-002		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	96	76-121

Field ID:	MW-4	Batch#:	184955
Type:	SAMPLE	Analyzed:	03/27/12
Lab ID:	235149-003		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	76-121

Field ID:	MW-7R	Batch#:	184912
Type:	SAMPLE	Analyzed:	03/24/12
Lab ID:	235149-004		

Analyte	Result	RL
Gasoline C7-C12	320 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	76-121

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

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/22/12
Units:	ug/L	Received:	03/23/12
Diln Fac:	1.000		

Field ID:	MW-8	Batch#:	184912
Type:	SAMPLE	Analyzed:	03/24/12
Lab ID:	235149-005		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	103	76-121

Field ID:	OW-1	Batch#:	184912
Type:	SAMPLE	Analyzed:	03/24/12
Lab ID:	235149-006		

Analyte	Result	RL
Gasoline C7-C12	81 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	76-121

Field ID:	OW-2	Batch#:	184912
Type:	SAMPLE	Analyzed:	03/24/12
Lab ID:	235149-007		

Analyte	Result	RL
Gasoline C7-C12	56 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	97	76-121

Field ID:	TB	Batch#:	184912
Type:	SAMPLE	Analyzed:	03/24/12
Lab ID:	235149-008		

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	94	76-121

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

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/22/12
Units:	ug/L	Received:	03/23/12
Diln Fac:	1.000		

Field ID: DUPLICATE
Type: SAMPLE
Lab ID: 235149-009
Batch#: 184912
Analyzed: 03/24/12

Analyte	Result	RL
Gasoline C7-C12	94 Y	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	76-121

Field ID: EQUIPMENT BLANK
Type: SAMPLE
Lab ID: 235149-010
Batch#: 184912
Analyzed: 03/24/12

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	76-121

Type: BLANK
Lab ID: QC633188
Batch#: 184912
Analyzed: 03/23/12

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	76-121

Type: BLANK
Lab ID: QC633338
Batch#: 184955
Analyzed: 03/26/12

Analyte	Result	RL
Gasoline C7-C12	ND	50

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	101	76-121

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 #:	235149	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:	QC633187	Batch#:	184912
Matrix:	Water	Analyzed:	03/23/12
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,047	105	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	88	76-121

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	MW-1R	Batch#:	184912
MSS Lab ID:	235149-001	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/24/12
Diln Fac:	1.000		

Type: MS Lab ID: QC633189

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	102.4	2,000	1,927	91	68-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	91	76-121

Type: MSD Lab ID: QC633190

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,959	93	68-120	2	21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	92	76-121

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	235149	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:	QC633337	Batch#:	184955
Matrix:	Water	Analyzed:	03/26/12
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	1,019	102	79-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	101	76-121

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	MW-1R	Batch#:	184955
MSS Lab ID:	235149-001	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/27/12
Diln Fac:	1.000		

Type: MS Lab ID: QC633339

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	118.3	2,000	1,820	85	68-120

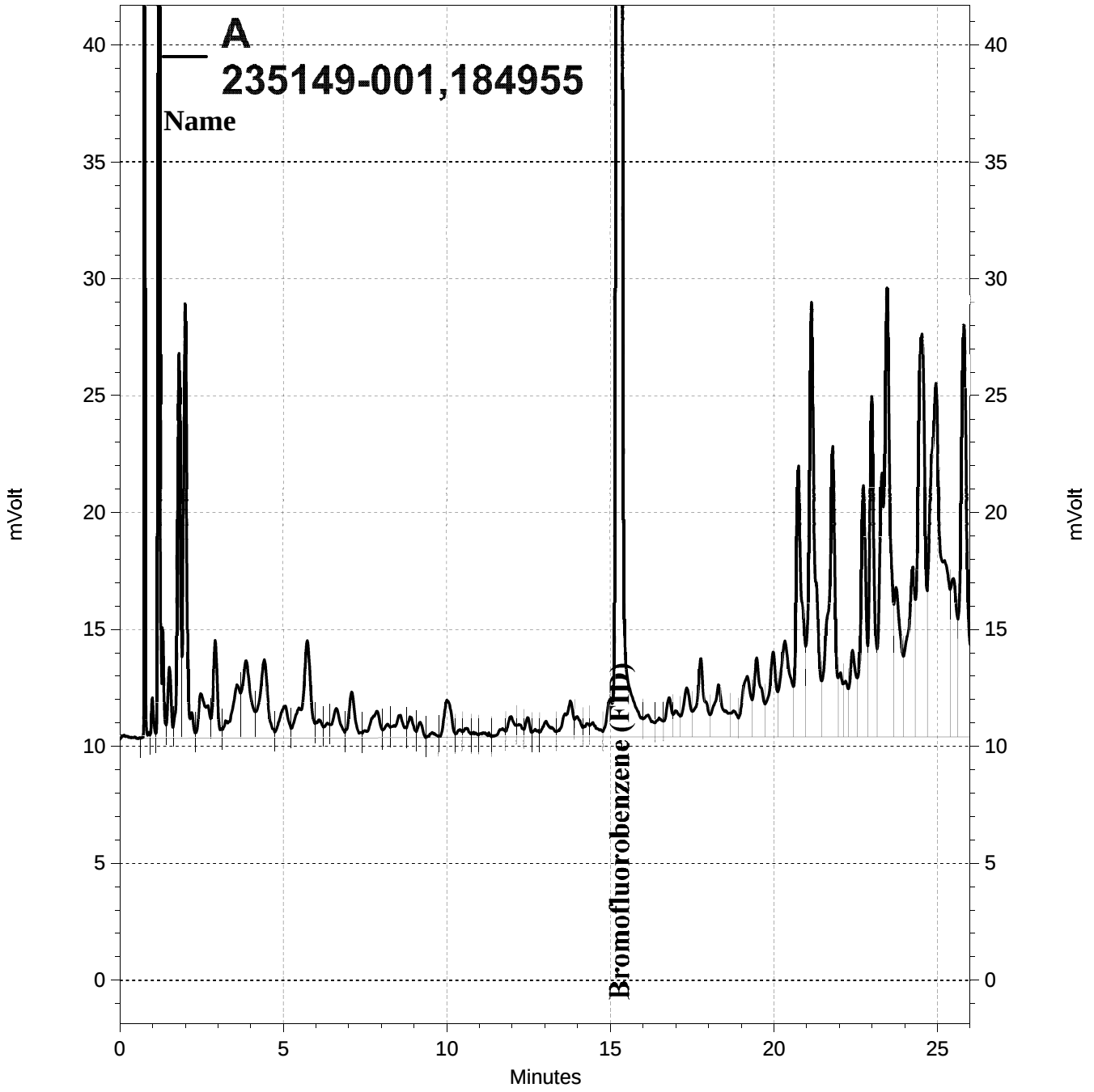
Surrogate	%REC	Limits
Bromofluorobenzene (FID)	93	76-121

Type: MSD Lab ID: QC633340

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,939	91	68-120	6	21

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	99	76-121

RPD= Relative Percent Difference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30
35
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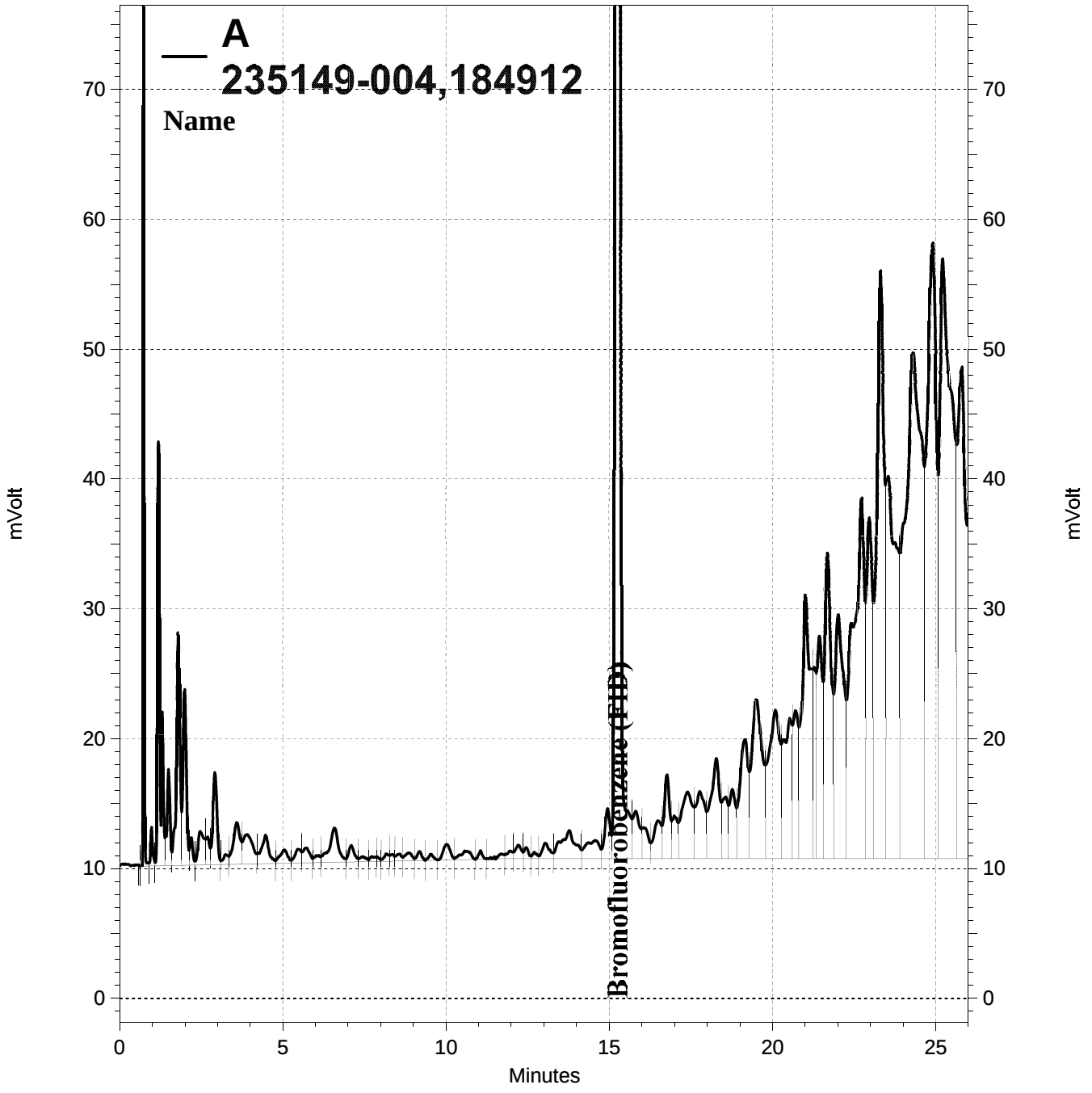
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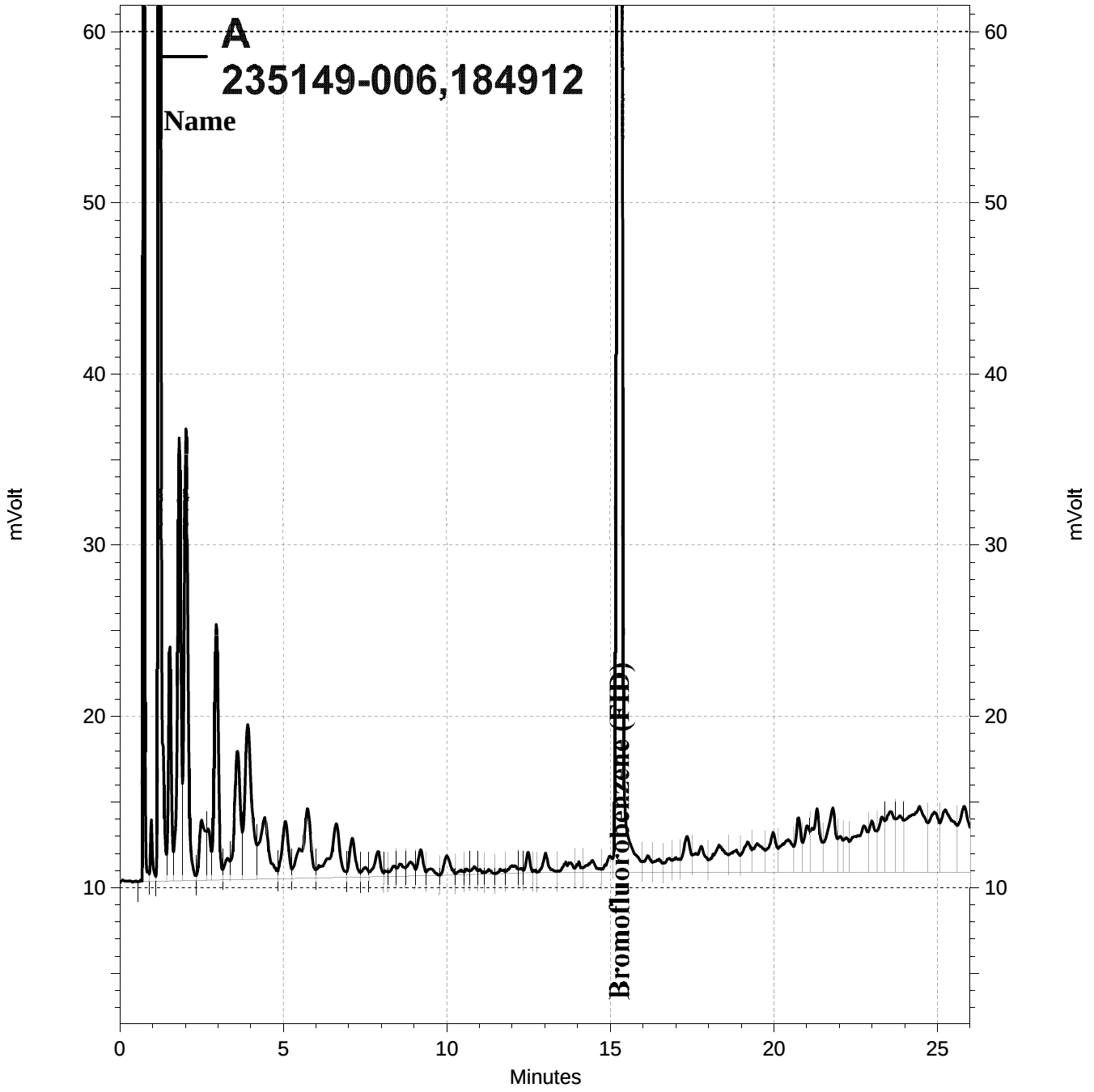
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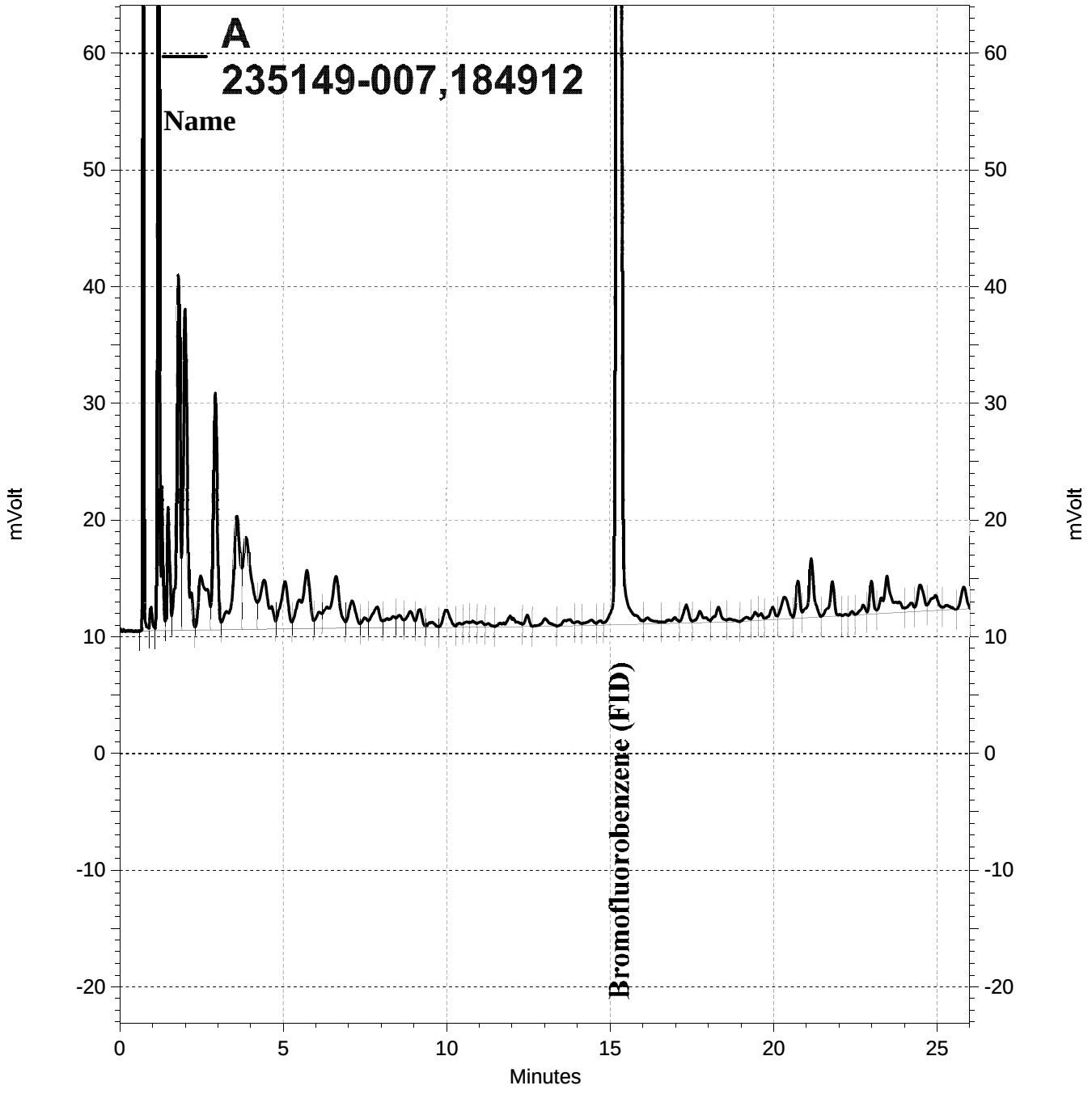

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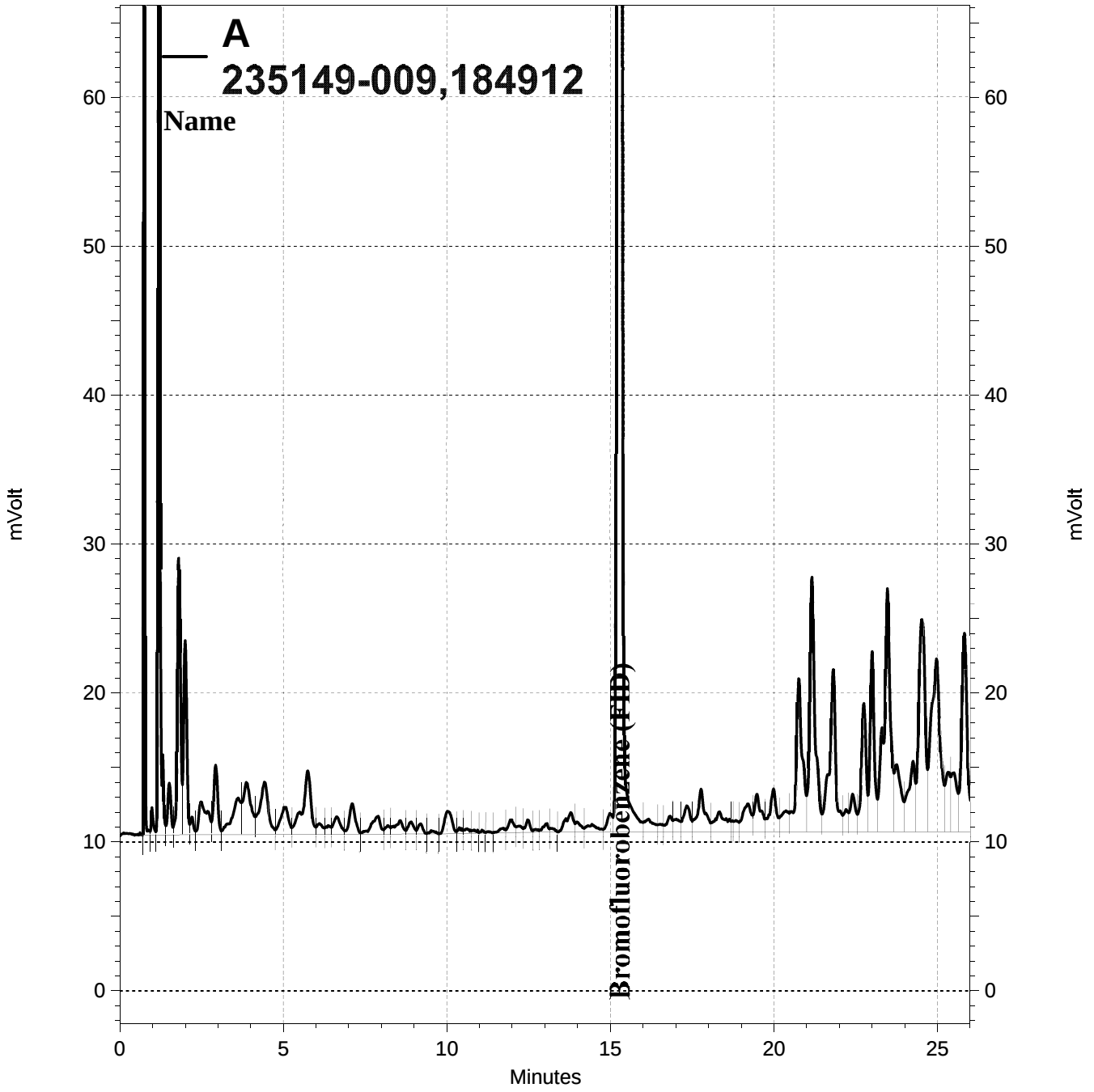
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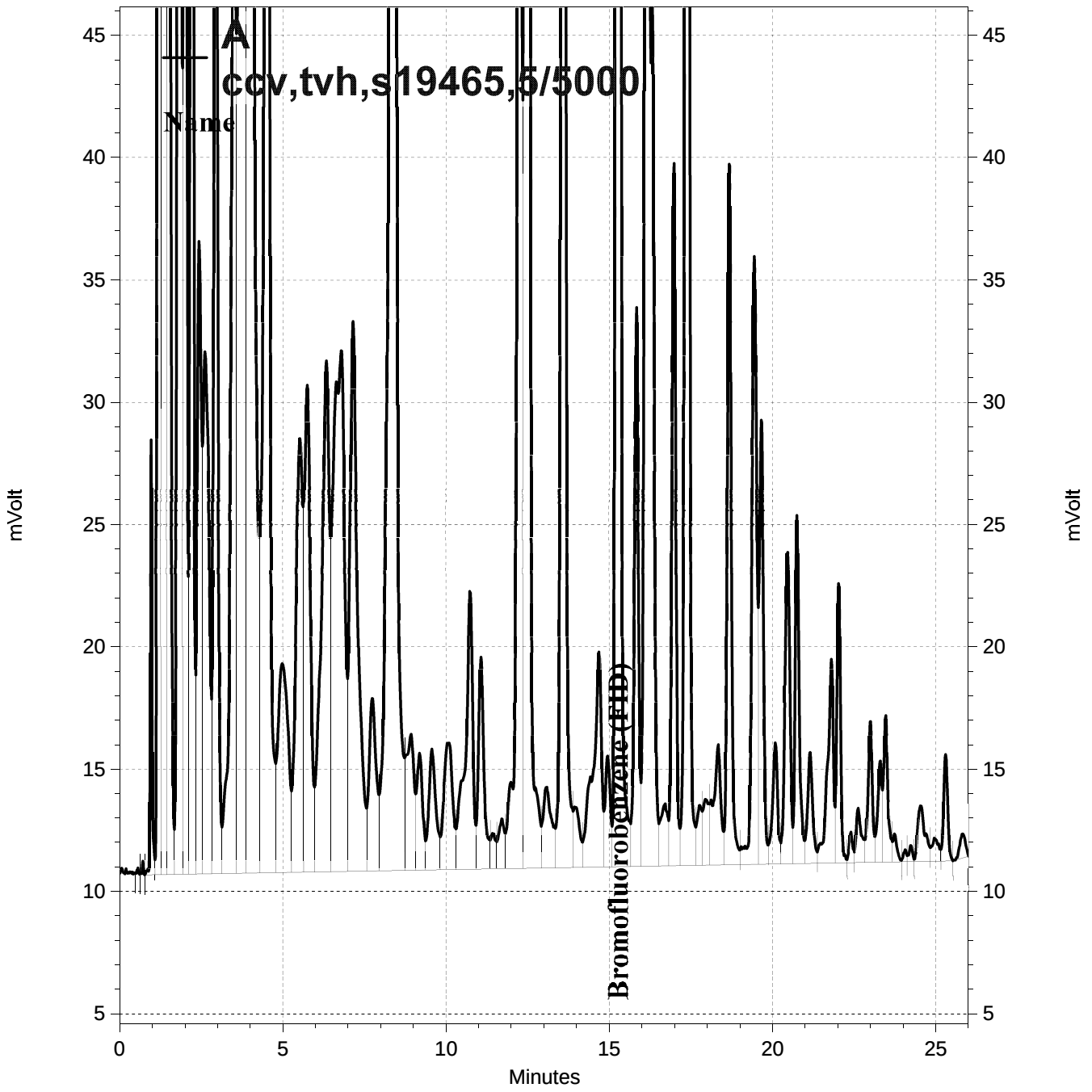

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Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/22/12
Units:	ug/L	Received:	03/23/12
Diln Fac:	1.000	Prepared:	03/26/12
Batch#:	184941	Analyzed:	03/27/12

Field ID: MW-1R
Type: SAMPLE
Lab ID: 235149-001
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	810	50

Surrogate	%REC	Limits
o-Terphenyl	100	61-129

Field ID: MW-2
Type: SAMPLE
Lab ID: 235149-002
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
o-Terphenyl	82	61-129

Field ID: MW-4
Type: SAMPLE
Lab ID: 235149-003
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	2,500	50

Surrogate	%REC	Limits
o-Terphenyl	106	61-129

Field ID: MW-7R
Type: SAMPLE
Lab ID: 235149-004
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	2,800	50

Surrogate	%REC	Limits
o-Terphenyl	88	61-129

Field ID: MW-8
Type: SAMPLE
Lab ID: 235149-005
Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
o-Terphenyl	110	61-129

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	03/22/12
Units:	ug/L	Received:	03/23/12
Diln Fac:	1.000	Prepared:	03/26/12
Batch#:	184941	Analyzed:	03/27/12

Field ID: OW-1 Lab ID: 235149-006
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	710	50

Surrogate	%REC	Limits
o-Terphenyl	111	61-129

Field ID: OW-2 Lab ID: 235149-007
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	680	50

Surrogate	%REC	Limits
o-Terphenyl	105	61-129

Field ID: DUPLICATE Lab ID: 235149-009
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	1,300	50

Surrogate	%REC	Limits
o-Terphenyl	105	61-129

Field ID: EQUIPMENT BLANK Lab ID: 235149-010
Type: SAMPLE Cleanup Method: EPA 3630C

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
o-Terphenyl	113	61-129

Type: BLANK Cleanup Method: EPA 3630C
Lab ID: QC633287

Analyte	Result	RL
Diesel C10-C24	ND	50

Surrogate	%REC	Limits
o-Terphenyl	107	61-129

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 3520C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Water	Batch#:	184941
Units:	ug/L	Prepared:	03/26/12
Diln Fac:	1.000	Analyzed:	03/27/12

Type: BS Cleanup Method: EPA 3630C
Lab ID: QC633288

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	2,500	2,063	83	59-120

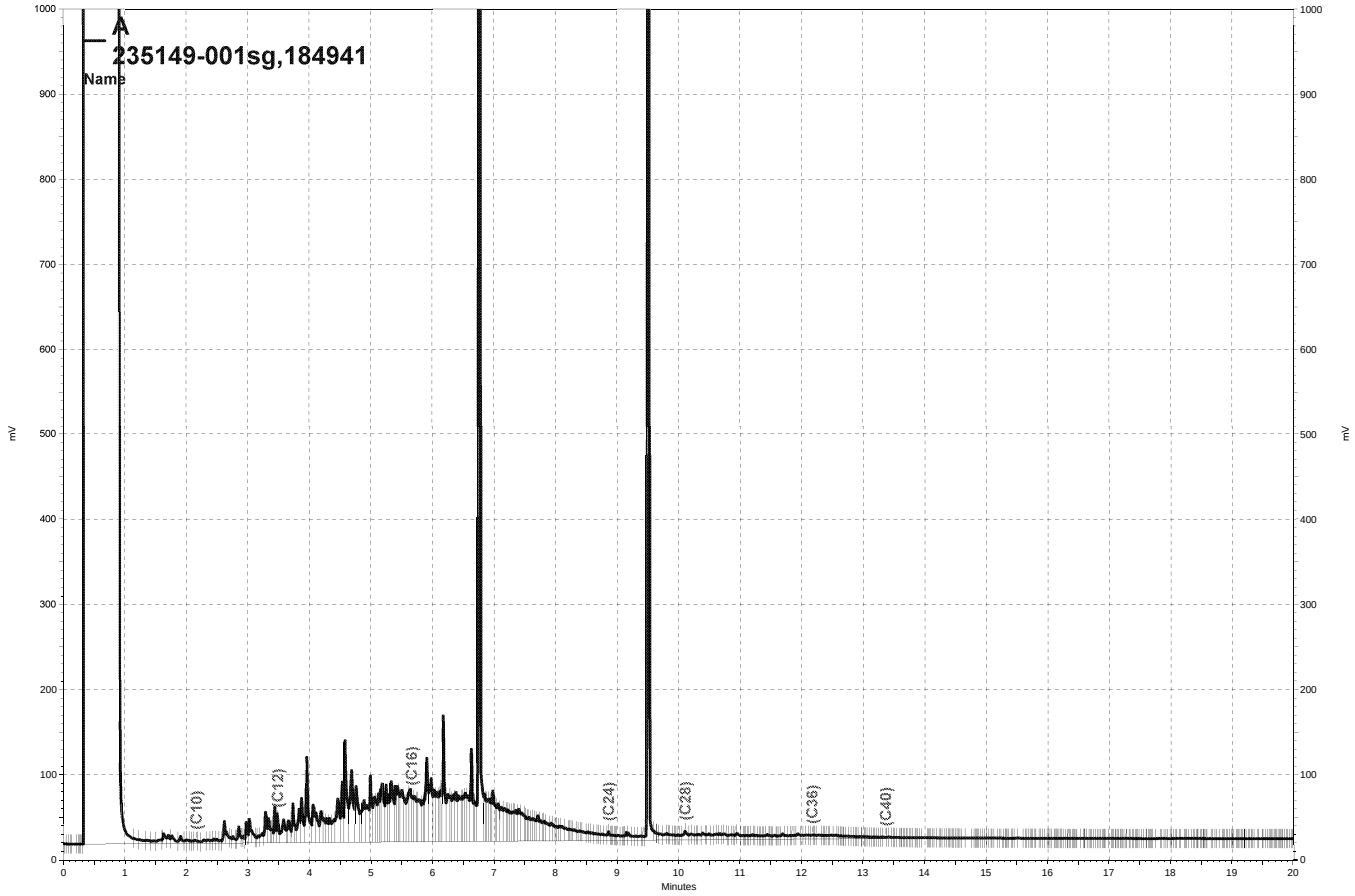
Surrogate	%REC	Limits
o-Terphenyl	97	61-129

Type: BSD Cleanup Method: EPA 3630C
Lab ID: QC633289

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	2,500	1,747	70	59-120	17	52

Surrogate	%REC	Limits
o-Terphenyl	89	61-129

RPD= Relative Percent Difference



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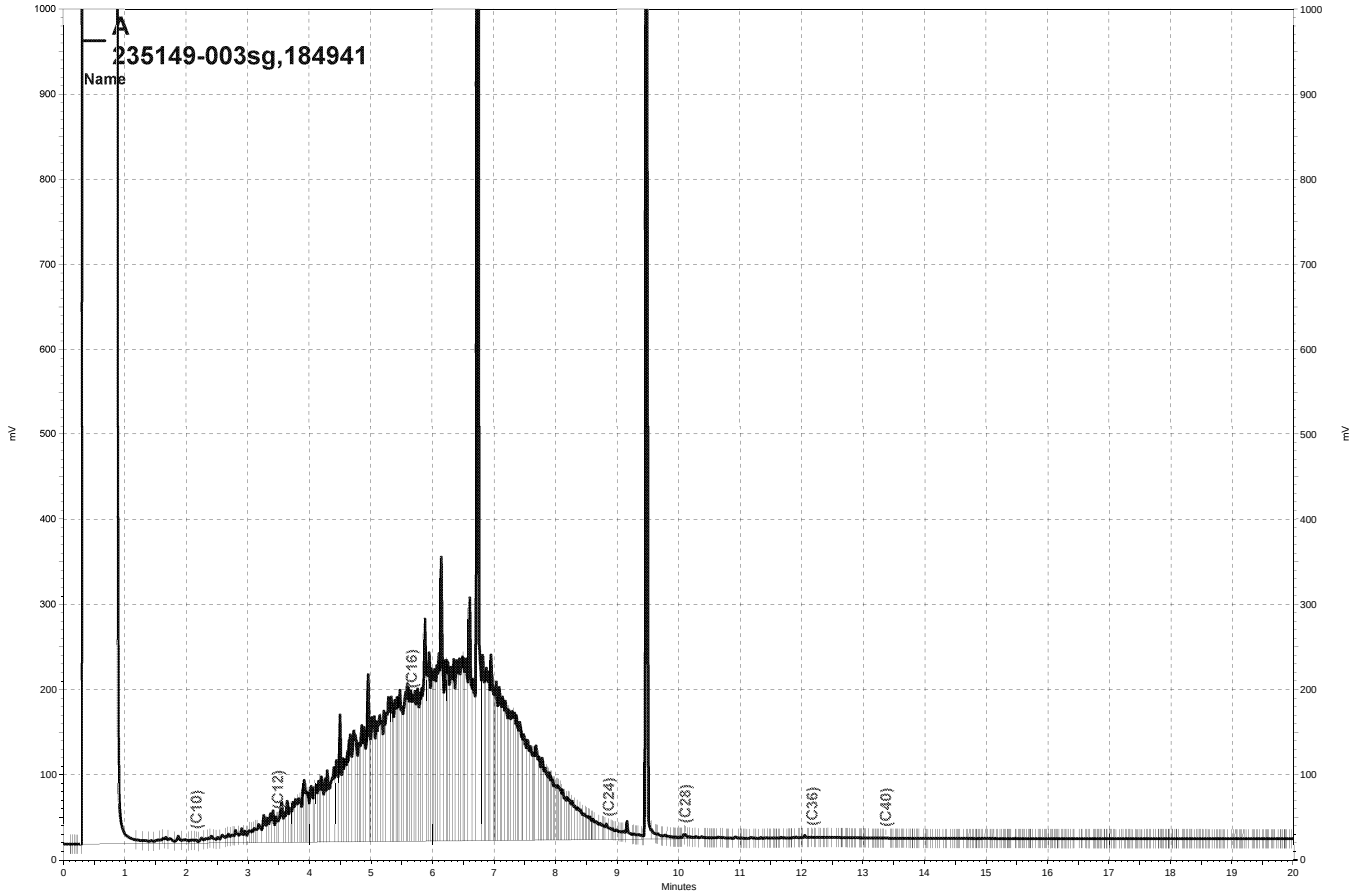

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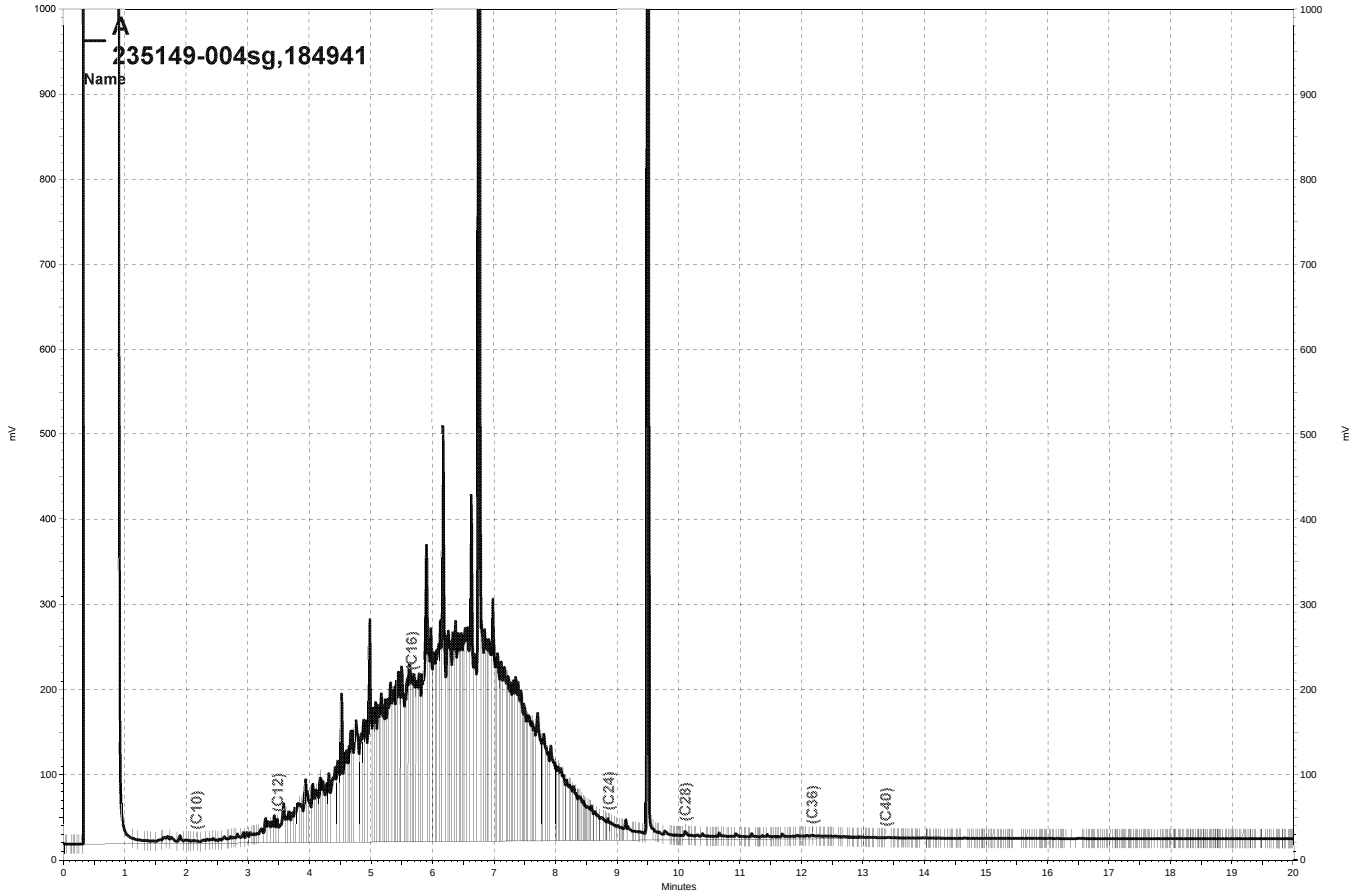

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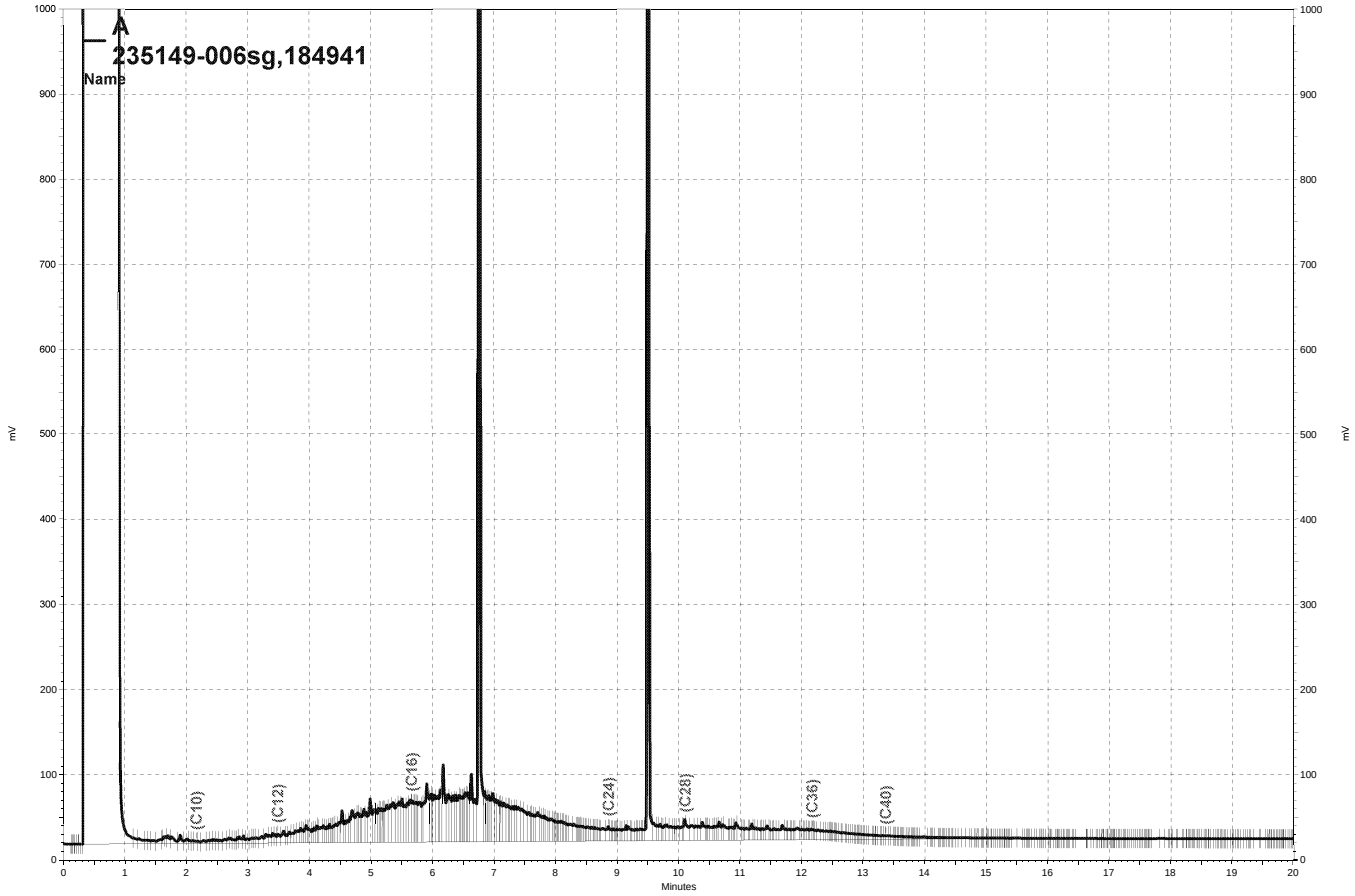

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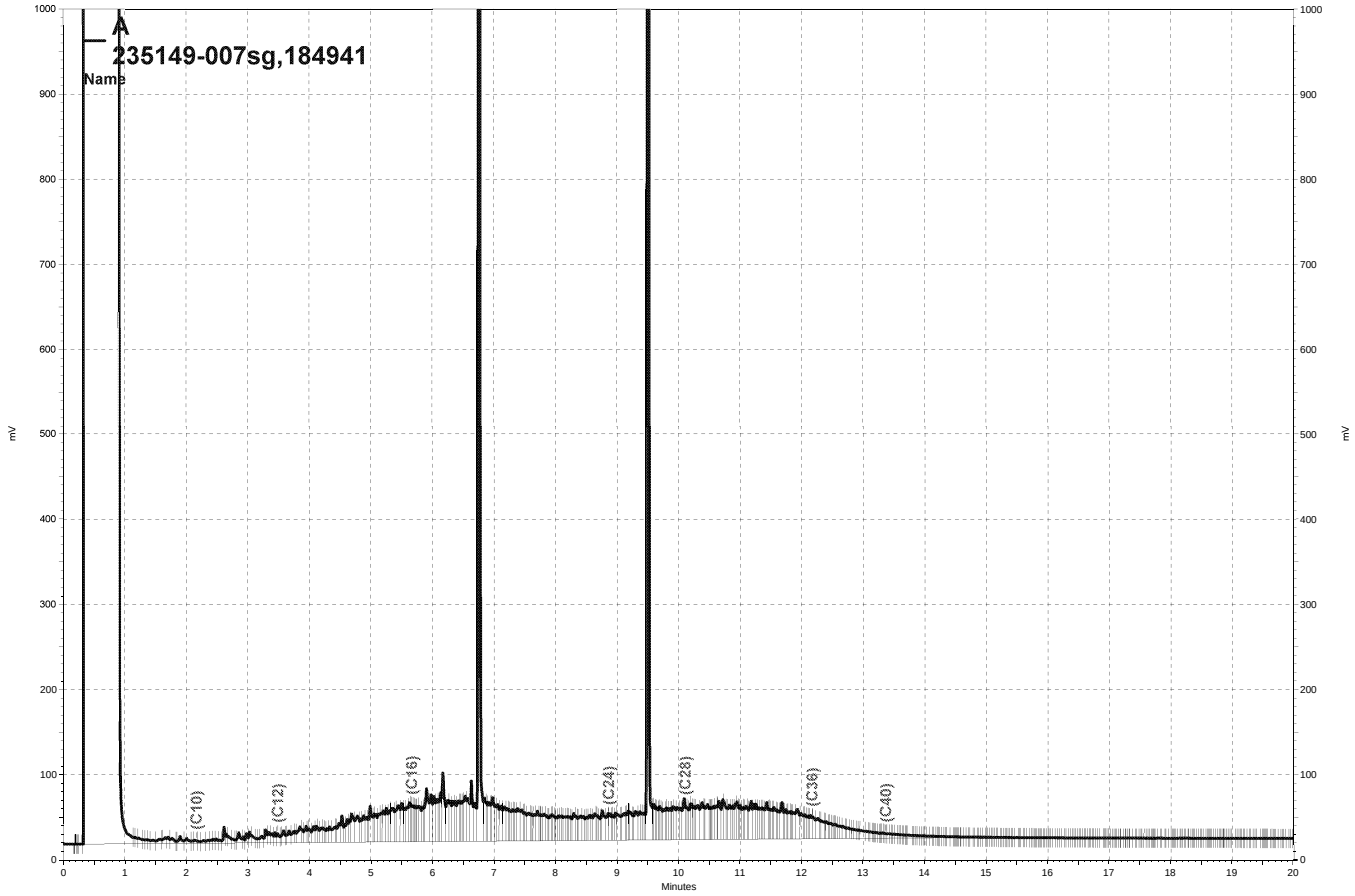

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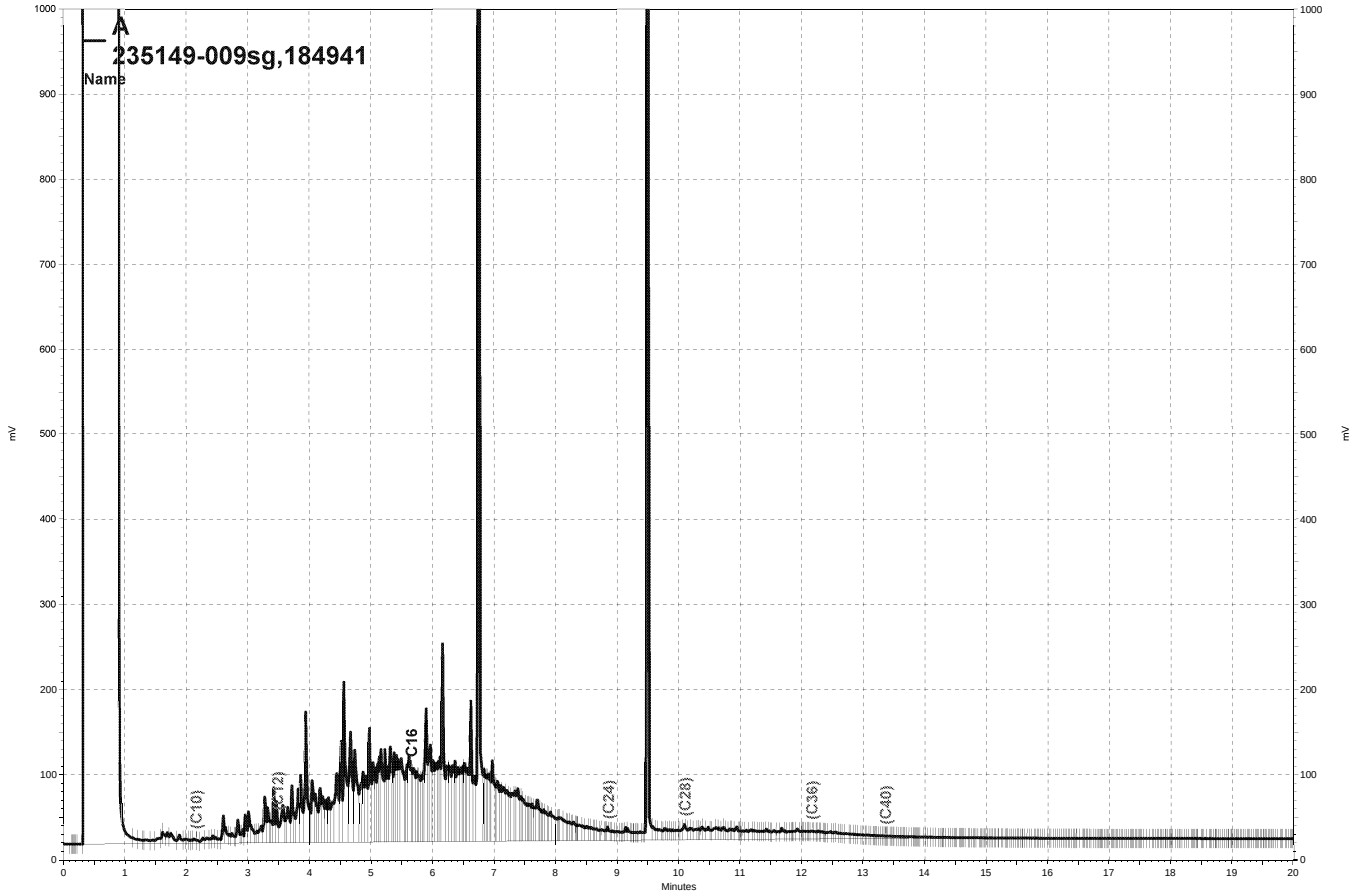

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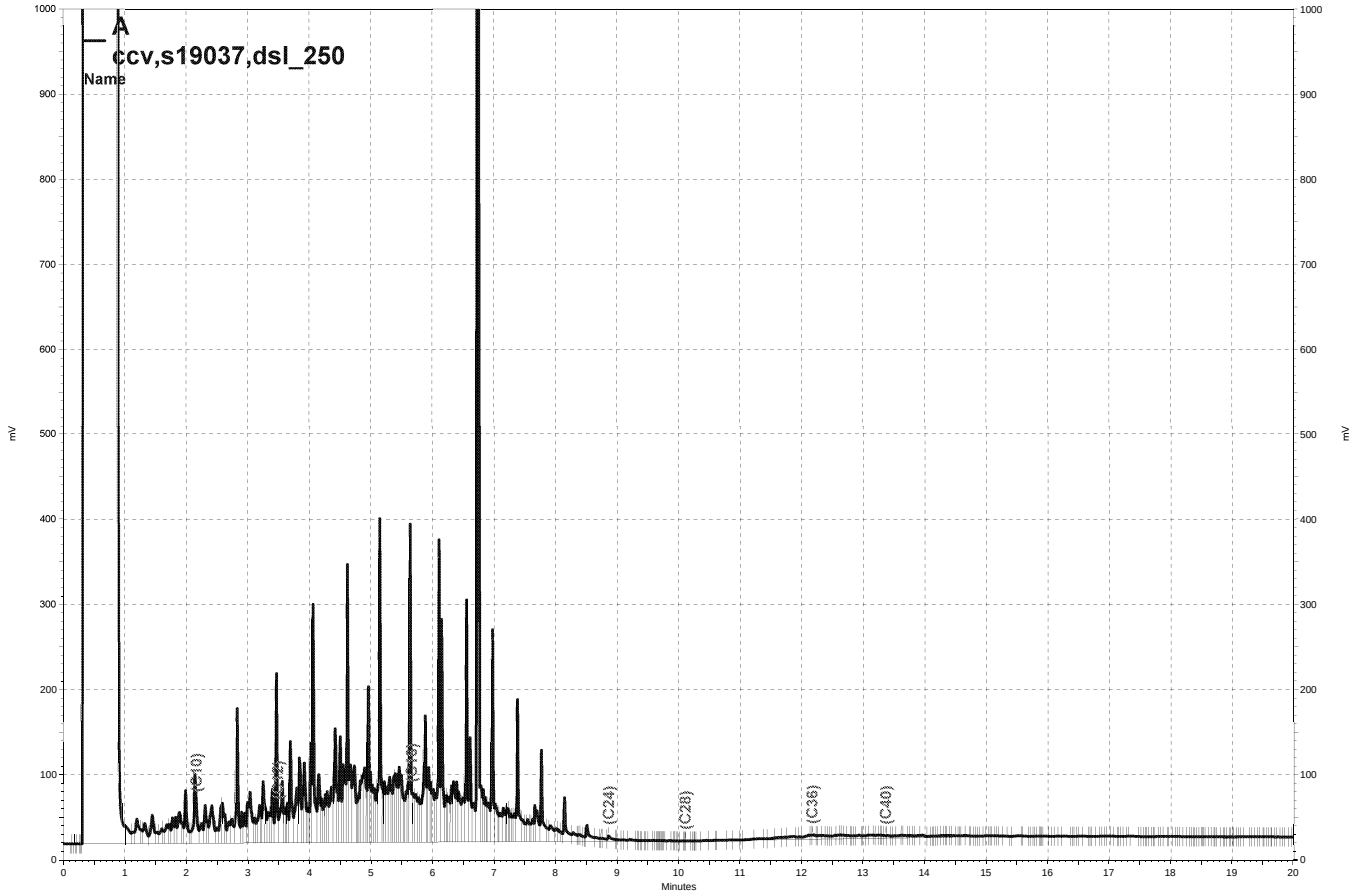

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Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-1R	Batch#:	184934
Lab ID:	235149-001	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	90	80-125
1,2-Dichloroethane-d4	71	69-145
Toluene-d8	107	80-120
Bromofluorobenzene	108	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-2	Batch#:	184934
Lab ID:	235149-002	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	89	80-125
1,2-Dichloroethane-d4	70	69-145
Toluene-d8	107	80-120
Bromofluorobenzene	100	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-4	Batch#:	184934
Lab ID:	235149-003	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	0.9	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	89	80-125
1,2-Dichloroethane-d4	80	69-145
Toluene-d8	101	80-120
Bromofluorobenzene	105	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-7R	Batch#:	184930
Lab ID:	235149-004	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-125
1,2-Dichloroethane-d4	100	69-145
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	MW-8	Batch#:	184930
Lab ID:	235149-005	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	1.3	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-125
1,2-Dichloroethane-d4	98	69-145
Toluene-d8	95	80-120
Bromofluorobenzene	100	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	OW-1	Batch#:	184930
Lab ID:	235149-006	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	4.3	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-125
1,2-Dichloroethane-d4	98	69-145
Toluene-d8	96	80-120
Bromofluorobenzene	99	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	OW-2	Batch#:	184930
Lab ID:	235149-007	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	6.0	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-125
1,2-Dichloroethane-d4	96	69-145
Toluene-d8	96	80-120
Bromofluorobenzene	99	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	DUPLICATE	Batch#:	184930
Lab ID:	235149-009	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-125
1,2-Dichloroethane-d4	96	69-145
Toluene-d8	95	80-120
Bromofluorobenzene	99	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	EQUIPMENT BLANK	Batch#:	184930
Lab ID:	235149-010	Sampled:	03/22/12
Matrix:	Water	Received:	03/23/12
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Analyte	Result	RL
MTBE	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-125
1,2-Dichloroethane-d4	99	69-145
Toluene-d8	96	80-120
Bromofluorobenzene	100	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	235149	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:	QC633248	Batch#:	184930
Matrix:	Water	Analyzed:	03/26/12
Units:	ug/L		

Analyte	Result	RL
MTBE	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-125
1,2-Dichloroethane-d4	99	69-145
Toluene-d8	97	80-120
Bromofluorobenzene	99	80-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	184930
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Type: BS Lab ID: QC633249

Analyte	Spiked	Result	%REC	Limits
MTBE	20.00	17.77	89	61-121
1,2-Dichloroethane	20.00	21.10	105	70-136
Benzene	20.00	21.22	106	80-121
Toluene	20.00	20.67	103	80-120
1,2-Dibromoethane	20.00	19.89	99	80-120
Ethylbenzene	20.00	21.56	108	80-120
m,p-Xylenes	40.00	39.60	99	80-121
o-Xylene	20.00	20.18	101	80-121
Naphthalene	20.00	20.10	101	62-132

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-125
1,2-Dichloroethane-d4	99	69-145
Toluene-d8	96	80-120
Bromofluorobenzene	98	80-120

Type: BSD Lab ID: QC633250

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	20.00	18.23	91	61-121	3	20
1,2-Dichloroethane	20.00	21.11	106	70-136	0	20
Benzene	20.00	21.08	105	80-121	1	20
Toluene	20.00	20.38	102	80-120	1	20
1,2-Dibromoethane	20.00	20.54	103	80-120	3	20
Ethylbenzene	20.00	21.36	107	80-120	1	20
m,p-Xylenes	40.00	39.78	99	80-121	0	20
o-Xylene	20.00	20.29	101	80-121	1	20
Naphthalene	20.00	20.72	104	62-132	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-125
1,2-Dichloroethane-d4	99	69-145
Toluene-d8	97	80-120
Bromofluorobenzene	97	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	235149	Location:	725 Julie Ann Way Oakland CA
Client:	Stantec	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	184934
Units:	ug/L	Analyzed:	03/26/12
Diln Fac:	1.000		

Type: BS Lab ID: QC633262

Analyte	Spiked	Result	%REC	Limits
MTBE	25.00	17.43	70	61-121
1,2-Dichloroethane	25.00	20.13	81	70-136
Benzene	25.00	23.43	94	80-121
Toluene	25.00	26.54	106	80-120
1,2-Dibromoethane	25.00	24.43	98	80-120
Ethylbenzene	25.00	25.96	104	80-120
m,p-Xylenes	50.00	53.52	107	80-121
o-Xylene	25.00	26.32	105	80-121
Naphthalene	25.00	22.69	91	62-132

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-125
1,2-Dichloroethane-d4	82	69-145
Toluene-d8	109	80-120
Bromofluorobenzene	102	80-120

Type: BSD Lab ID: QC633263

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
MTBE	25.00	18.16	73	61-121	4	20
1,2-Dichloroethane	25.00	18.68	75	70-136	7	20
Benzene	25.00	22.57	90	80-121	4	20
Toluene	25.00	25.03	100	80-120	6	20
1,2-Dibromoethane	25.00	22.43	90	80-120	9	20
Ethylbenzene	25.00	25.74	103	80-120	1	20
m,p-Xylenes	50.00	51.34	103	80-121	4	20
o-Xylene	25.00	21.88	88	80-121	18	20
Naphthalene	25.00	23.35	93	62-132	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	92	80-125
1,2-Dichloroethane-d4	81	69-145
Toluene-d8	105	80-120
Bromofluorobenzene	105	80-120

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

BTXE & Oxygenates

Lab #:	235149	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:	QC633264	Batch#:	184934
Matrix:	Water	Analyzed:	03/26/12
Units:	ug/L		

Analyte	Result	RL
MTBE	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Toluene	ND	0.5
1,2-Dibromoethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Naphthalene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	86	80-125
1,2-Dichloroethane-d4	75	69-145
Toluene-d8	103	80-120
Bromofluorobenzene	108	80-120

ND= Not Detected
RL= Reporting Limit

APPENDIX C
Concentration Plots – 1997 - 2011

2012 Semi-Annual Groundwater Monitoring Report
Former Penske Truck Leasing Facility
725 Julie Ann Way
Oakland, California
Alameda County Site ID RO0000354
Stantec PN: 185702473.200.0001
June 18, 2012

FIGURE C-1
TPHd versus Time
February 1997 to March 2012
725 Julie Ann Way, Oakland, CA

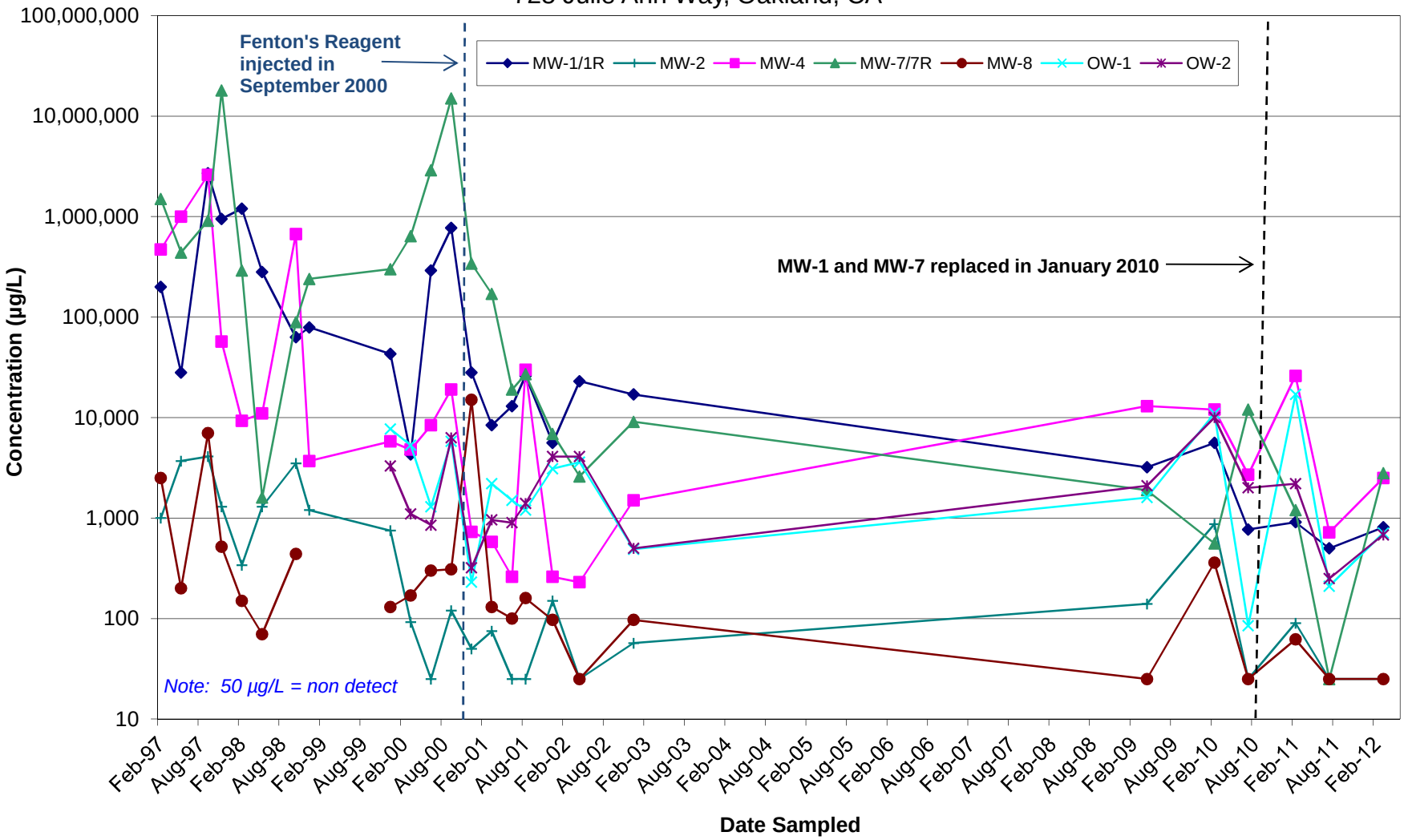

FIGURE C-2
TPHg versus Time
February 1997 to March 2012
725 Julie Ann Way, Oakland, CA

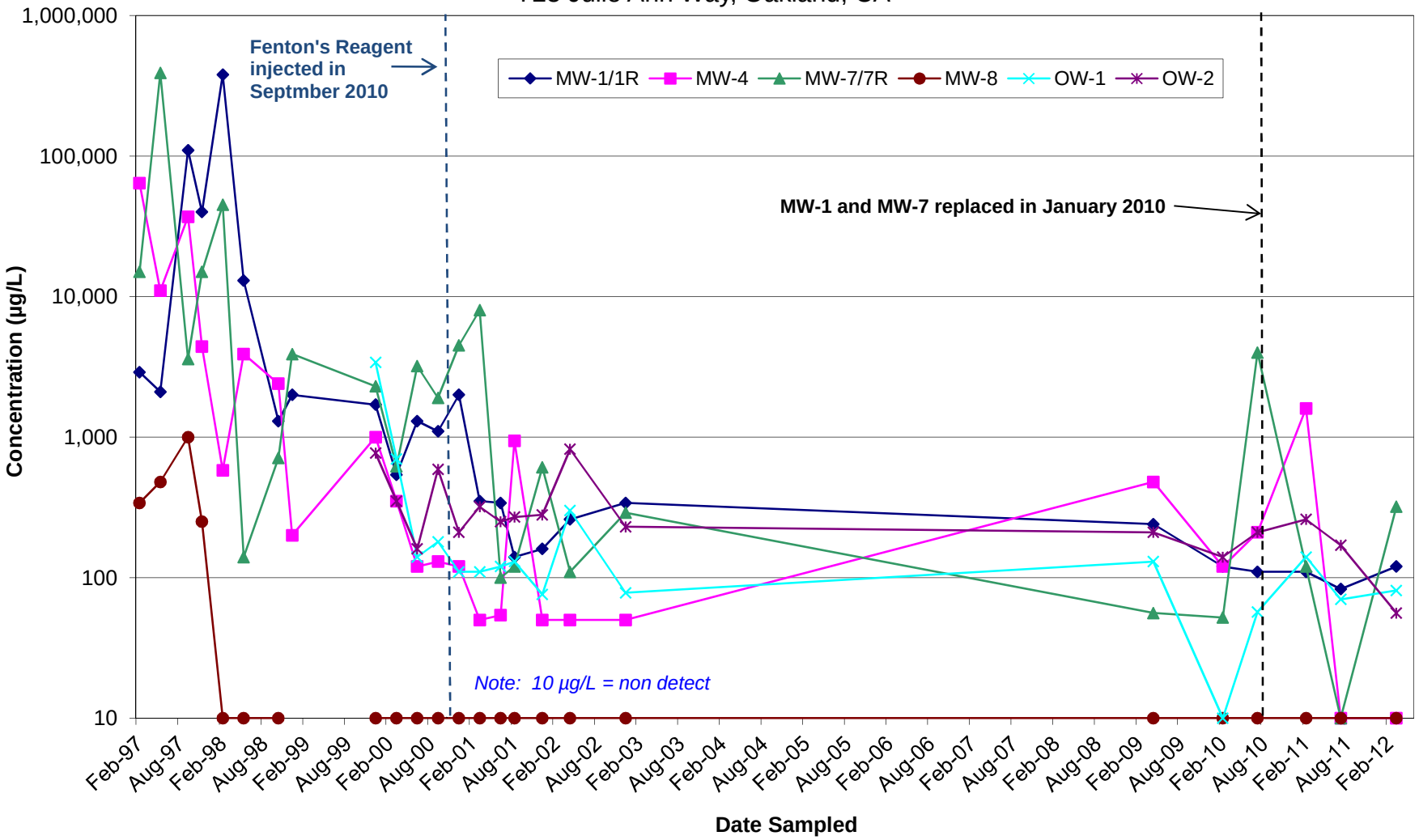

FIGURE C-3
Benzene versus Time
February 1997 to March 2012
725 Julie Ann Way, Oakland, CA

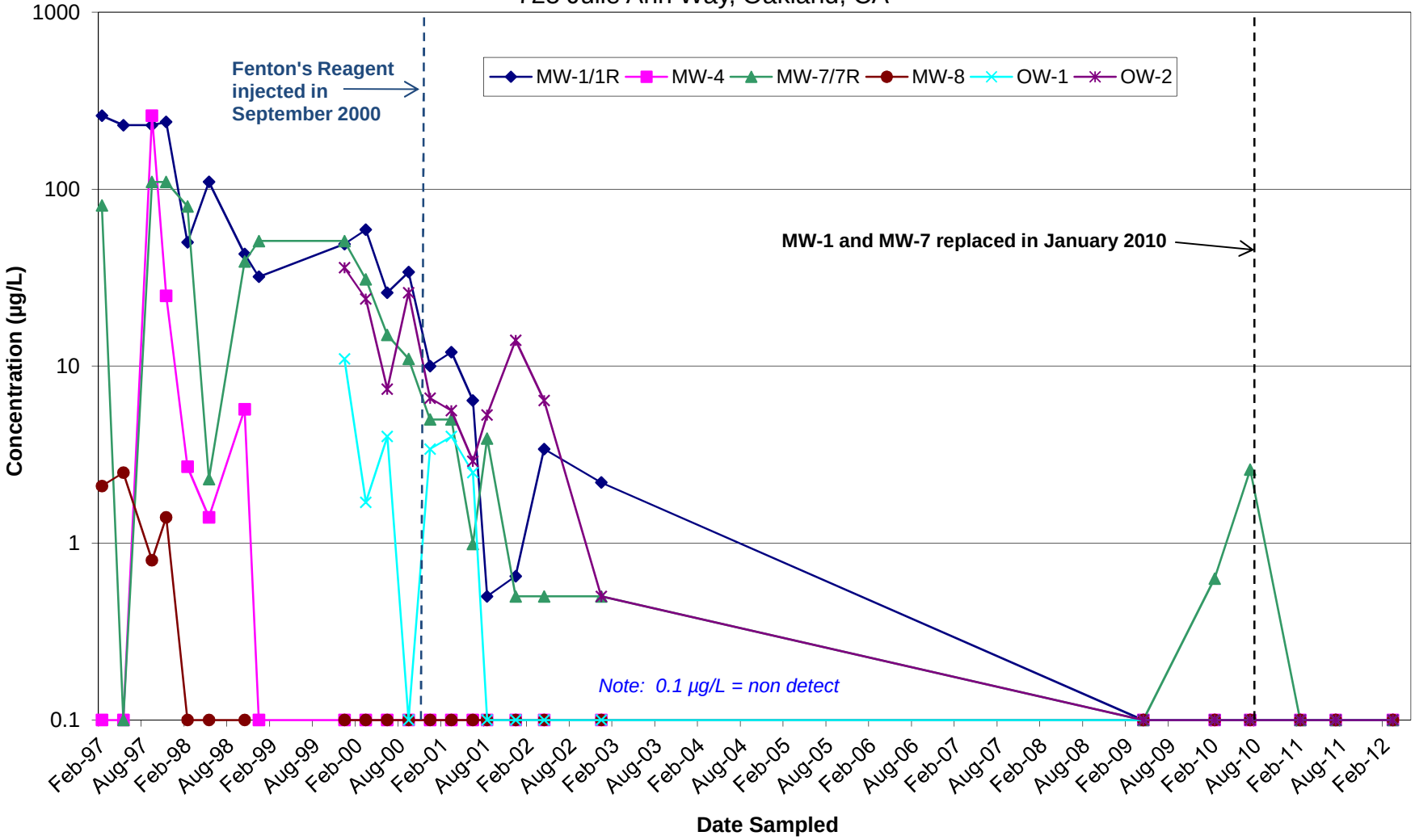

FIGURE C-4
MTBE versus Time
February 1997 to March 2012
725 Julie Ann Way, Oakland, CA