James Oil Co
Enumclaw
LUST 2363

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Quarterly Groundwater Monitoring Report - Second Quarter 2009
ConocoPhillips Facility No. 0964 (RM&R #0964)
Washington Department of Ecology LUST Program ID #1565
666 Griffin Avenue
Enumclaw, Washington 98022

Stantec Project No.:
212301489

Submitted to:
LUST Coordinator
Washington State Department of Ecology
3190 160th Avenue SE
Bellevue, WA 98008-5452

Submitted by:
Stantec Consulting Corporation
12034 134th Court NE, Suite 102
Redmond, WA 98052

Prepared on behalf of:
ConocoPhillips Company

July 6, 2009

Dear LUST Coordinator:

Stantec Consulting Corporation (Stantec) is pleased to present this quarterly groundwater monitoring report to the Washington State Department of Ecology (DOE) Leaking Underground Storage Tank (LUST) Program on behalf of the ConocoPhillips Company (ConocoPhillips). This report describes the results of groundwater monitoring activities performed by Stantec during the second quarter of 2009 (the reporting period) at ConocoPhillips Facility No. No. 0964 (RM&R #00964; LUST Program ID #1565) located at 666 Griffin Avenue in Enumclaw, Washington (the "Site").

GROUNDWATER MONITORING ACTIVITIES

Groundwater monitoring activities during the reporting period were performed on April 27, 2009. Groundwater monitoring activities were performed in accordance with Stantec's protocols for groundwater monitoring events (Appendix A).

Eight of the existing eight groundwater monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, and MW-11) were gauged and sampled. These activities are described below. Wells MW-8, MW-9, and MW-10 were destroyed during construction activities (in the right-of-way east of and adjacent to the Site) during the summer of 2008.

Monitoring Well Gauging

Eight groundwater monitoring wells were gauged: MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, and MW-11. Monitoring wells were gauged for the presence of liquid phase hydrocarbons (LPH) and depth-to-groundwater prior to purging and sampling. LPH was not measured in the groundwater monitoring wells at thicknesses greater than or equal to 0.01 feet. The depth to groundwater ranged from 1.60 feet (MW-2) to 4.30 feet (MW-11) below the top of casing (TOC). Depth-to-groundwater data was used to calculate the groundwater elevation in each well and evaluate the groundwater flow direction and gradient. Historical groundwater gauging data and gauging data from the reporting period are summarized in Table 1. Well locations and groundwater flow direction are shown on Figure 1. Based on these data, the inferred groundwater flow direction was to the east-southeast at an approximate gradient of 0.008 foot per foot (ft/ft).

Monitoring Well Purging

Wells intended to be sampled were purged after gauging. Groundwater was purged from the wells using low-flow methods, which included using a peristaltic pump and dedicated polyethylene tubing. Water quality parameters were measured during purging and recorded on

field data sheets (Appendix B). Purged groundwater and rinsate/decontamination water were stored on site in a Department of Transportation (DOT)-approved, steel drum pending laboratory characterization and off Site disposal.

Monitoring Well Sampling

Following purging operations, groundwater samples were collected using a peristaltic pump and placed directly into pre-cleaned sample containers provided by an independent laboratory.

Once the sample containers were filled and sealed, they were labeled with the pertinent sampling information, and placed on ice in an insulated cooler for delivery under chain-of-custody documentation to an independent laboratory.

CHEMICAL ANALYSES AND RESULTS

Chemical Analyses

Groundwater samples collected during the reporting period were submitted to Pace Analytical Services, Inc. (Pace) in Seattle, Washington for the following chemical analyses:

- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) using Environmental Protection Agency (EPA) Method 8260B;
- Methyl tertiary butyl ether (MTBE) by EPA Method 8260B;
- 1,2-Dichloroethane (EDC) by EPA Method 8260B;
- 1,2-Dibromoethane (EDB) by EPA Method 8011;
- Total petroleum hydrocarbons (TPH) gasoline range organics (TPH-G) using DOE Northwest Method NWTPH-Gx;
- TPH diesel range organics (TPH-D) and TPH oil range organics (TPH-O) using DOE Northwest Method NWTPH-Dx with silica gel/acid cleanup; and
- Total and dissolved lead by EPA Method 6020.

Chemical analyses results are described below. A copy of the certified laboratory analytical report and chain-of-custody documentation from Pace are included in Appendix C.

Chemical Analyses Results

Historical chemical analyses results and those from the reporting period are summarized in Table 1. Analytical results for TPH-G, TPH-D, TPH-O, BTEX, and MTBE are illustrated on Figure 2 for the reporting period and three previous reporting periods.

A summary of the analytical results exceeding Model Toxics Control Act (MTCA) Method A cleanup levels is provided below. Analytical results not described below did not exceed MTCA Method A cleanup levels.

- TPH-G was detected in groundwater from MW-1, MW-2, MW-3, and MW-4 at concentrations of 1,310 micrograms per liter (µg/L), 973 µg/L , 972 µg/L, and 1,590 µg/L, respectively, which exceeds the Model Toxics Control Act (MTCA) Method A cleanup level of 800 µg/L. The reported concentrations in MW-1, MW-2, and MW-4 are generally consistent with data from other recent reporting periods. The concentration of TPH-G in MW-3 exceeded MTCA Method A cleanup levels for the first time since July of 2007.
- Benzene was detected in groundwater from MW-3 and MW-5 at concentrations of 607 µg/L and 46.7 µg/L, respectively, which exceeds the MTCA Method A cleanup level of 5 µg/L. Concentrations of benzene in MW-3 and MW-5 have consistently increased over the past four quarters.

Laboratory Quality Assurance/Quality Control (QA/QC)

A copy of the analytical report for the samples collected during the reporting period is included in Appendix C. Please refer to the analytical report for a description of QA/QC methods and potential concerns that were identified during chemical analysis. Potential QA/QC concerns identified in the analytical report are noted on the tabulated analytical results included in Table 1.

WASTE DISPOSAL

Purge and rinsate water generated during the monitoring and sampling event were temporarily stored on site in a labeled, DOT-approved, steel drum. The drum and its contents will be transported off-site to a licensed disposal or recycling facility approved by ConocoPhillips. A copy of the signed waste manifest or other disposal documentation will be provided under a separate cover.

CONCLUSIONS

Concentrations of TPH-G exceeding the MTCA Method A cleanup level were detected in MW-1, MW-2, MW-3, and MW-4. Concentrations of benzene exceeding MTCA Method A cleanup level were detected in MW-3 and MW-5. The reported concentrations in MW-1, MW-2, MW-4, and MW-5 are generally consistent with data from other recent reporting periods. Concentrations of TPH-G in MW-3, and benzene in MW-3 and MW-5 have increased over the past four quarters and this trend will continue to be monitored closely in the upcoming quarterly sampling events.

LIMITATIONS AND CERTIFICATIONS

This report was prepared in accordance with the scope of work outlined in Stantec's contract and with generally accepted professional engineering and environmental consulting practices existing at the time this work plan was prepared and applicable to the location of the site. It was prepared for the exclusive use of ConocoPhillips Company for the express purpose stated above. Any re-use of this report for a different purpose or by others not identified above shall be at the user's sole risk without liability to Stantec. To the extent that this report is based on information provided to Stantec by third parties, Stantec may have made efforts to verify this third party information, but Stantec cannot guarantee the completeness or accuracy of this information. The opinions expressed and data collected are based on the conditions of the site existing at the time of the field investigations. No other warranties, expressed or implied are made by Stantec.

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Reviewed by:

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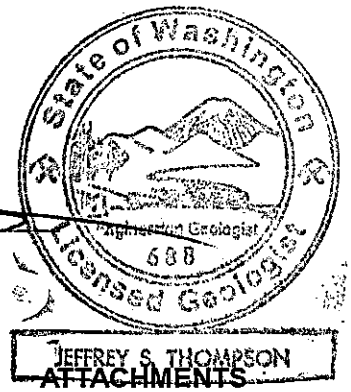
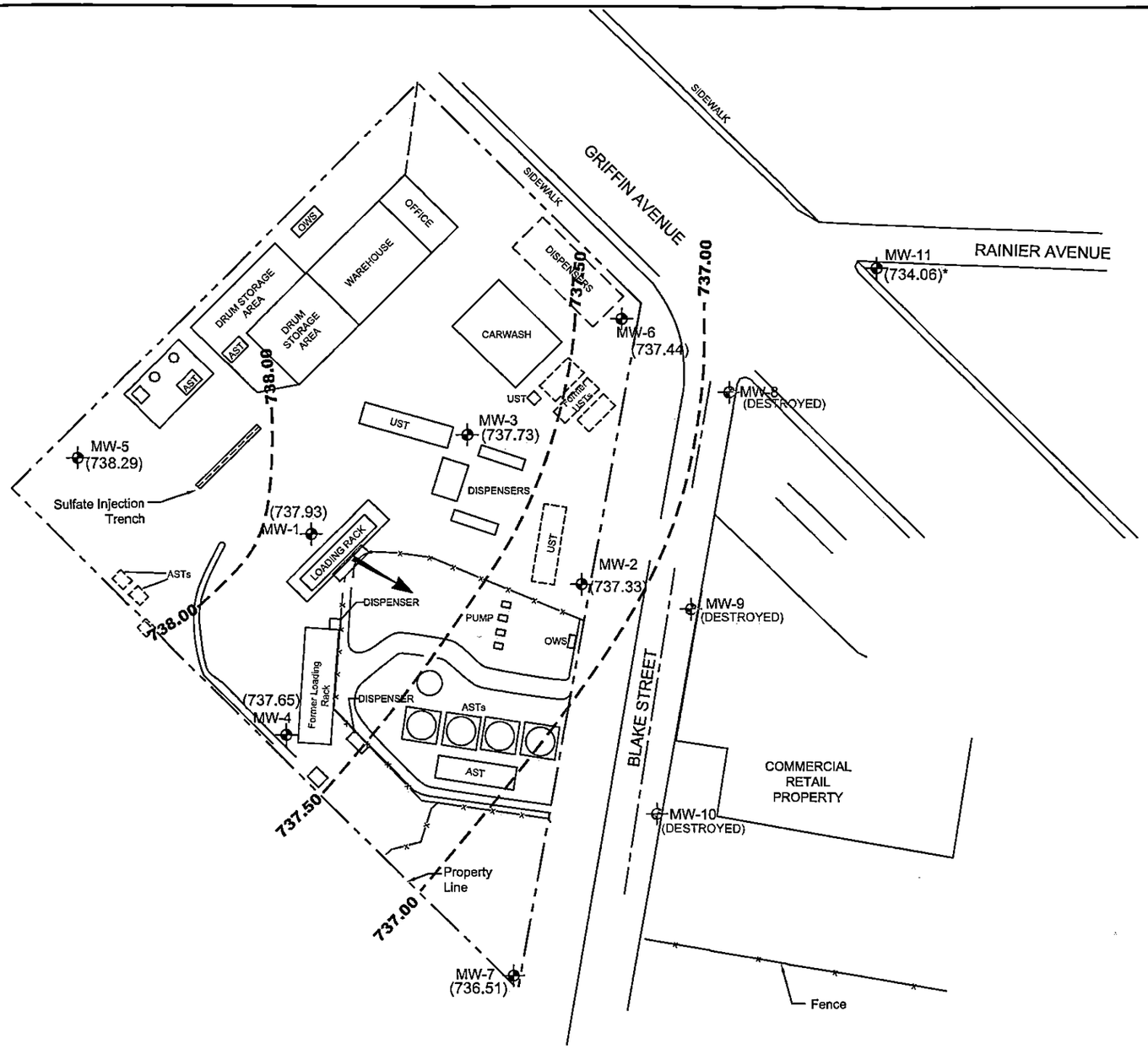
Principal Geologist



ATTACHMENTS

Table 1	Cumulative Summary of Groundwater Elevations and Sample Analytical Results
Figure 1	Monitoring Well Locations and Groundwater Elevation (April 27, 2009)
Figure 2	Monitoring Well Locations and Groundwater Analytical Results (April 27, 2009)
Appendix A	Field and Laboratory Procedures
Appendix B	Field Data Sheets
Appendix C	Certified Laboratory Analytical Report and Chain–of-Custody Documentation

FIGURES



LEGEND

- SITE BOUNDARY
- MW-1 — MONITORING WELL LOCATION AND ID
- MW-8 — DESTROYED MONITORING WELL
- UST — UNDERGROUND STORAGE TANK
- AST — ABOVE GROUND STORAGE TANK

GROUNDWATER

- (737.93) — GROUNDWATER ELEVATION (FEET)
- (NM) — NOT MEASURED
- INFERRED GROUNDWATER FLOW DIRECTION
- 738.00 — GROUNDWATER ELEVATION CONTOUR (FEET)
- * — GROUNDWATER ELEVATION NOT USED IN CONSTRUCTING CONTOURS

NOTES:

1). ALL LOCATIONS ARE APPROXIMATE.

2). CONTOUR INTERVAL = 0.50 FEET

BASEMAP PROVIDED BY GEOENGINEERS, INC.

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PHONE:(425) 372-1600 FAX:(425) 372-1650

FOR: ConocoPhillips
FACILITY NO. 0964 (RM&R 0964)
666 GRIFFIN AVENUE
ENUMCLAW, WASHINGTON

MONITORING WELL LOCATIONS AND GROUNDWATER ELEVATIONS (APRIL 27, 2009)

FIGURE: 1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212301489	DJH	TP	JT	5/30/09

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MW-3	7/24/08	10/20/08	1/14/09	4/27/09
TPH-G	680	720	643	**972**
TPH-D	**590**	**860**	180	<84
TPH-O	<98	220	<510 b	<420
B	0.6	**270**	**420**	**607**
T	<0.5	2	9.4	31.5
E	<0.5	<0.8	<1.0	<1.0
X	0.6	<0.8	<3.0	3.3
MTBE	0.6	–	–	<1.0

MW-6	7/24/08	10/20/08	1/14/09	4/27/09
TPH-G	570	480	327	568
TPH-D	310	130	<100	<85
TPH-O	<97	<99	<520 b	<430
B	<0.5	<0.5	**11**	<1.0
T	3	1	9.1	1.5
E	<0.5	<0.8	<1.0	<1.0
X	<0.5	<0.8	<3.0	<3.0
MTBE	<0.5	–	–	<1.0

MW-5	7/24/08	10/20/08	1/14/09	4/27/09
TPH-G	<50	280	202	381
TPH-D	**1,800**	**1,900**	54 J	98
TPH-O	**1,100**	**650**	<520 b	<420
B	<0.5	**60**	**64**	**46.7**
T	<0.5	31	15	29.4
E	<0.5	2	9.9	9.2
X	<0.5	7	30	39.7
MTBE	<0.5	–	–	<1.0

MW-11	7/24/08	10/20/08	1/14/09	4/27/09
TPH-G	–	–	<25	<50.0
TPH-D	–	–	<38	<84
TPH-O	–	–	<63	<420
B	–	–	<1.0	<1.0
T	–	–	<1.0	<1.0
E	–	–	<1.0	<1.0
X	–	–	<3.0	<3.0
MTBE	–	–	–	<1.0

MW-2	7/24/08	10/20/08	1/14/09	4/27/09
TPH-G	780	**800**	449	**973**
TPH-D	**3,000**	**3,100**	240	400
TPH-O	160	290	<520 b	<420
B	<0.5	2	2.6	2.8
T	2	1	1.2	2.1
E	<0.5	<0.8	<1.0	<1.0
X	0.5	<0.8	<3.0	<3.0
MTBE	<0.5	–	–	<1.0

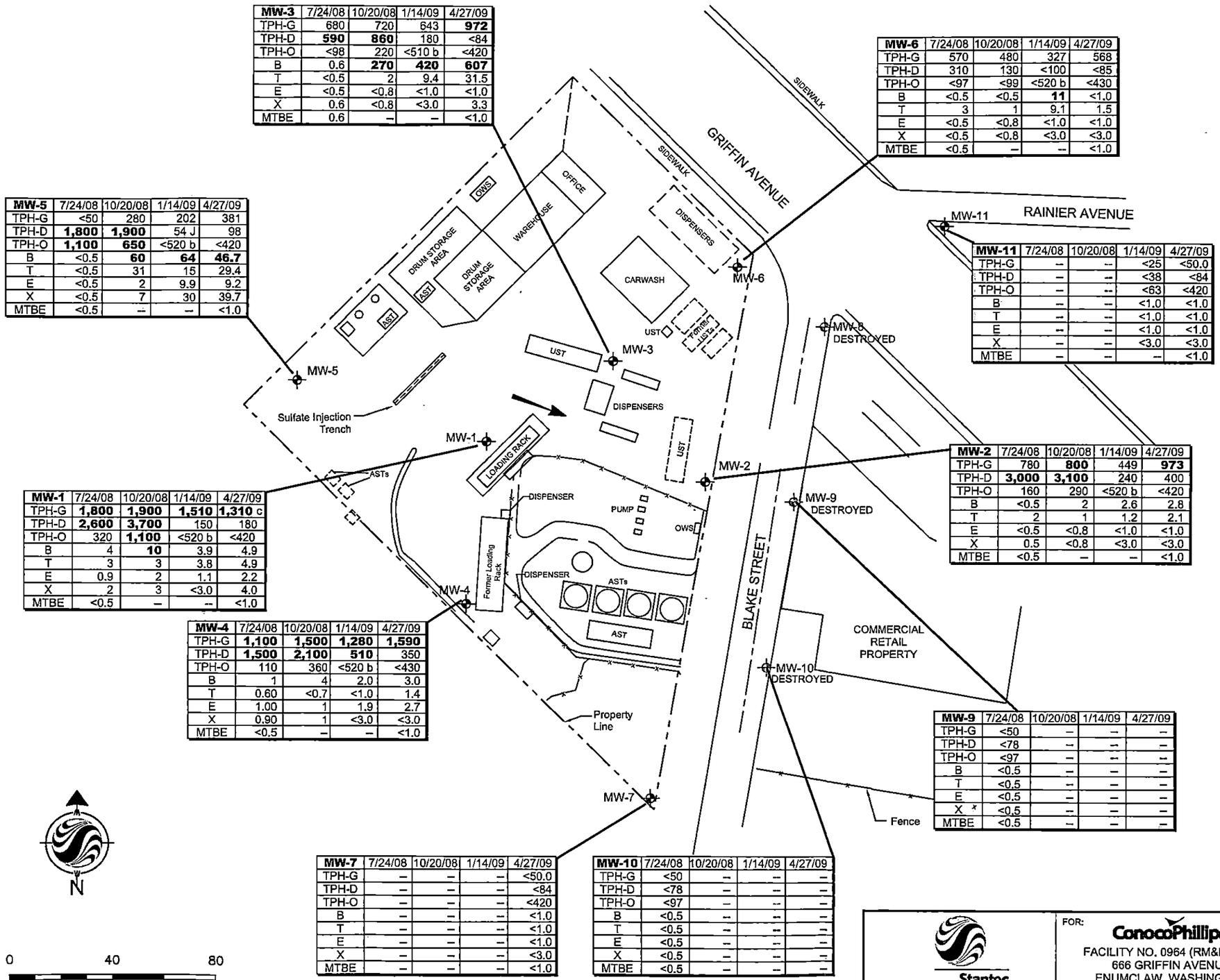
MW-1	7/24/08	10/20/08	1/14/09	4/27/09
TPH-G	**1,800**	**1,900**	**1,510**	**1,310** c
TPH-D	**2,600**	**3,700**	150	180
TPH-O	320	**1,100**	<520 b	<420
B	4	**10**	3.9	4.9
T	3	3	3.8	4.9
E	0.9	2	1.1	2.2
X	2	3	<3.0	4.0
MTBE	<0.5	–	--	<1.0

MW-4	7/24/08	10/20/08	1/14/09	4/27/09
TPH-G	**1,100**	**1,500**	**1,280**	**1,590**
TPH-D	**1,500**	**2,100**	**510**	350
TPH-O	110	360	<520 b	<430
B	1	4	2.0	3.0
T	0.60	<0.7	<1.0	1.4
E	1.00	1	1.9	2.7
X	0.90	1	<3.0	<3.0
MTBE	<0.5	–	–	<1.0

MW-9	7/24/08	10/20/08	1/14/09	4/27/09
TPH-G	<50	–	–	–
TPH-D	<78	–	–	–
TPH-O	<97	–	–	–
B	<0.5	–	–	–
T	<0.5	–	–	–
E	<0.5	–	–	–
X	<0.5	–	–	–
MTBE	<0.5	–	–	–

MW-7	7/24/08	10/20/08	1/14/09	4/27/09
TPH-G	–	–	–	<50.0
TPH-D	–	–	–	<84
TPH-O	–	–	–	<420
B	–	–	–	<1.0
T	–	–	–	<1.0
E	–	–	–	<1.0
X	–	–	–	<3.0
MTBE	–	–	–	<1.0

MW-10	7/24/08	10/20/08	1/14/09	4/27/09
TPH-G	<50	–	–	–
TPH-D	<78	–	–	–
TPH-O	<97	–	–	–
B	<0.5	–	–	–
T	<0.5	–	–	–
E	<0.5	–	–	–
X	<0.5	–	–	–
MTBE	<0.5	–	–	–



LEGEND

- SITE BOUNDARY
- MW-1 — MONITORING WELL LOCATION AND ID
- MW-8 — DESTROYED MONITORING WELL AND ID
- UST — UNDERGROUND STORAGE TANK
- AST — ABOVE GROUND STORAGE TANK
- INFERRED GROUNDWATER FLOW DIRECTION

ANALYTES

WELL ID	
TPH-G	GASOLINE RANGE HYDROCARBONS
TPH-D	DIESEL RANGE HYDROCARBONS
TPH-O	HEAVY OIL RANGE HYDROCARBONS
B	BENZENE
T	TOLUENE
E	ETHYL BENZENE
X	TOTAL XYLENES
MTBE	METHYL TERT-BUTYL ETHER

UNITS IN MICROGRAMS PER LITER (µg/L)

< LESS THAN LABORATORY REPORING LIMITS

-- NOT ANALYZED OR NOT APPLICABLE

BOLD CONCENTRATION EQUALS OR EXCEEDS THE MTCA METHOD "A" CLEANUP LEVEL

NS NOT SAMPLED

b THE METHOD REPORTING LIMIT IS ABOVE THE MTCA METHOD "A" CLEANUP LEVELS.

c 1N SURROGATES WERE NOT SPIKED DUE TO ANALYST ERROR. THE SAMPLE WAS RE-ANALYZED OUT OF HOLD WITH IN CONTROL SURROGATE RECOVERIES. BECAUSE THE CONCENTRATION FOR GASOLINE RANGE ORGANICS WAS IDENTICAL TO THE ORIGINAL ANALYSIS, THE RESULTS WERE REPORTED FROM THE ORIGINAL ANALYSIS.

J THE VALUE REPORTED IS BELOW THE ROUTINE REPORTING LIMIT AND SHOULD BE CONSIDERED AN ESTIMATE.

NOTES:

1). ALL LOCATIONS ARE APPROXIMATE

N

0 40 80

APPROXIMATE SCALE (FEET)

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FOR: ConocoPhillips
FACILITY NO. 0964 (RM&R 0964)
666 GRIFFIN AVENUE
ENUMCLAW, WASHINGTON

MONITORING WELL LOCATIONS AND GROUNDWATER ANALYTICAL RESULTS (APRIL 27, 2009)

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212301489	DJH	TP	JT	5/30/09

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TABLE

TABLE 1

CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS

ConocoPhillips Facility No. 0964 (RM&R No 0964)

666 Griffin Avenue

Enumclaw, Washington

Well ID	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
TOC Elevation		DTW	GW Elevation	Gasoline Range (ug/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MW-1	02/16/99	1.75	738.53	2,550	<350	<700	111	5.2	8.06	1.23	2.58	–	–	–	–
740.28	08/30/00	3.65	736.63	710	757	<500	23.7	1.81	0.947	<1	<5.00	–	–	–	–
	11/16/00	2.32	737.96	2,070	388	<500	101	<3.85	6.33	<7.40	<5.00	–	–	–	–
	02/22/01	2.25	738.03	2,170	726	<500	90.0	<3.60	14.2	<5	2.54	–	–	–	–
	05/31/01	2.48	737.80	3,700	<250	545	95.6	3.21	9.87	1.14	–	–	–	–	–
	08/22/01	4.10	736.18	3,210	3,500	1,270	124	7.46	14.4	13.9	–	–	–	–	–
	11/08/01	2.02	738.26	2,680	<250	<500	120	4.35	9.33	3.63	–	–	–	–	–
	02/05/02	2.09	738.19	3,450	<250	<500	114	7.35	10.4	<1	Detected	–	–	–	–
	05/23/02	2.06	738.22	6,350	<250	<500	131	<10.0	12.3	<30	<20.0	–	–	–	–
	08/13/02	3.28	737.00	3,300	540	<500	140	8.9	12.0	<15	<50	–	–	–	–
	11/06/02	3.62	736.66	3,700	340	<500	220	14	25	<7.5	<25	–	–	–	–
	02/05/03	1.36	738.92	2,930	<250	<500	91.4	4.27	8.75	5.77	<2	–	–	–	–
	05/21/03	1.86	738.42	1,320	1,400	<500	86.7	3.03	5.63	1.70	<2	–	–	–	–
	08/20/03	4.47	735.81	4,960	<250	<500	107	2.99	8.39	<1	<2	–	–	–	–
	11/24/03	2.19	738.09	2,320	8,540	3,550	93.5	4.16	5.06	2.57	0.83	–	–	–	–
	02/19/04	1.55	738.73	4,230	2,440	1,480	113	<5	6.75	<10	<5	–	–	–	–
	05/19/04	2.40	737.88	4,040	1,810	670	183	10.7	24.6	<10	<5	–	–	–	–
	08/12/04	2.59	737.69	2,740	939	<495	74.4	3.72	3.77	<2	<1	–	–	–	–
	11/11/04	1.61	738.67	2,610	1,420	508	96.3	7.08	8.07	8.73	2.6	–	–	–	–
	02/21/05	1.49	738.79	2,760	1,390	<489	95.1	<10	<10	<20	<10	–	–	–	–
	05/16/05	2.23	738.05	2,410	884	<504	81.5	11.40	8.73	5.67	<5	–	–	–	–
	07/18/05	2.37	737.91	1,950	1,510	955	57.2	4.54	5.28	<2	<1	–	–	–	–
	09/06/05	2.82	737.46	1,800	2,300	670	28	4.0	3.0	3.0	–	–	–	–	–
	10/20/05	1.77	738.51	2,200	2,600	<990	46	4.0	6.0	3.0	<0.5	–	–	–	–
	11/15/05	1.51	738.77	1,700	2,800	1,200	12	3.9	2.3	3.9	–	–	–	–	–
	12/12/05	–	–	1,600	2,900	1,700	12	5.0	2.0	3.0	–	–	–	–	–
	01/10/06	–	–	1,700	3,200	1,500	12	4.0	2.0	3.0	–	–	–	–	–
	01/23/06	1.13	739.15	1,900	2,300	1,000	17	4.0	3.0	2.0	<0.5	–	–	–	–
	04/12/06	1.47	738.81	2,000	2,200	300	17	4.0	1.0	2.0	<0.5	–	–	–	–
740.28	07/24/06	3.05	737.23	2,000	2,800	1,200	13	4.0	2.0	2.0	<0.5	–	–	–	–
	10/24/06	2.70	737.58	1,900	7,200	3,200	25	3.0	2.0	1.0	0.8	–	–	–	–
	01/30/07	1.85	738.43	1,300	3,400	<500	9.0	3.0	2.0	1.0	–	–	–	–	–
	02/26/07	1.36	738.92	–	–	–	–	–	–	–	–	–	–	–	–
	03/12/07	1.05	739.23	<48	1,100	430	<0.5	<0.7	<0.8	<0.8	–	–	–	–	–
	03/26/07	1.03	739.25	–	–	–	–	–	–	–	–	–	–	–	–
	04/09/07	1.41	738.87	1,021	1,461	894	2.56	1.55	1.15	<0.8	–	–	–	–	–
	04/23/07	1.65	738.63	–	–	–	–	–	–	–	–	–	–	–	–
	04/26/07	1.87	738.41	1,437	2,171	<1,000	11.7	2.79	3.08	1.66	–	–	–	–	–
	05/07/07	2.08	738.20	1,700	2,300	770	9	4	3	3	–	–	–	–	–
	05/21/07	1.71	738.57	–	–	–	–	–	–	–	–	–	–	–	–
	06/04/07	1.95	738.33	1,600	2,900	2,300	3	4	2	2	–	–	–	–	–
	06/18/07	2.25	738.03	–	–	–	–	–	–	–	–	–	–	–	–
	07/02/07	1.71	738.57	1,400	2,400	1,000	2	3	1	4	–	–	–	–	–
	07/16/07	2.26	738.02	–	–	–	–	–	–	–	–	–	–	–	–
	07/26/07	2.22	738.06	1,600	3,200	1,200	9	2	2	1	–	–	–	–	–
	07/30/07	2.22	738.06	1,500	3,200	1,500	4	3	1	2	–	–	–	–	–
	10/24/07	2.01	738.27	1,000	4,000	1,500	7	3	1	1	<0.5	–	–	–	–
	01/23/08	2.35	737.93	1,500	4,500	<950	9	4	2	3	–	–	–	–	–

TABLE 1

CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS

ConocoPhillips Facility No. 0964 (RM&R No 0964)

666 Griffin Avenue

Enumclaw, Washington

Well ID / TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
	04/23/08	1.93	738.35	1,100	2,100	430	5	3	1	3	--	--	--	--	--
	07/24/08	2.92	737.36	1,800	2,600	320	4	3	0.9	2	<0.5	--	--	--	--
	10/20/08	2.25	738.03	1,900	3,700	1,100	10	3	2	3	--	--	--	--	--
	01/14/09	1.60	738.68	1,510	150	<63	3.9	3.8	1.1	<3.0	--	--	--	--	--
	01/14/09 Re-extraction - No Cleanup			--	1,820	2,150	--	--	--	--	--	--	--	--	--
	01/14/09 Re-extraction - Silica Gel Cleanup			--	300	470 J	--	--	--	--	--	--	--	--	--
	04/27/09	2.35	737.93	1,310 [c]	180	<420	4.9	4.9	2.2	4.0	<1.0	<1.0	<0.010	<1.0	<1.0
MW-2	02/16/99	1.33	737.45	1,540	<350	<700	30.7	0.901	2.46	<1.0	NA	--	--	--	--
738.78	08/30/00	2.53	736.25	634	660	<500	27.1	2.23	1.12	<2.00	<10	--	--	--	--
	11/16/00	2.07	736.71	994	696	<500	62.9	<2.80	<1.50	<2.15	<5	--	--	--	--
	02/22/01	2.36	736.42	1,240	839	<500	40.2	2.55	<1.76	1.83	4.29	--	--	--	--
	05/31/01	1.93	736.85	1,440	<250	<500	33.6	2.11	0.76	<1.00	--	--	--	--	--
	08/22/01	2.95	735.83	1,020	5,280	<500	55.2	3.07	0.87	1.09	--	--	--	--	--
	11/08/01	1.78	737.00	1,880	<250	<500	108.0	4.42	1.88	<2.00	--	--	--	--	--
	02/05/02	1.73	737.05	1,870	<250	<500	53.1	5.66	2.40	2.71	Detected	--	--	--	--
	05/23/02	1.56	737.22	4,750	1,020	<500	9.8	2.55	1.37	5.25	<20	--	--	--	--
	08/13/02	2.45	736.33	980	740	<500	21.0	2.40	0.73	<1.5	<5	--	--	--	--
	11/06/02	2.58	736.20	1,500	430	<500	39.0	6.10	2.00	<1.5	<5	--	--	--	--
	02/05/03	1.18	737.60	2,180	972	<500	45.0	3.80	2.32	3.52	<2	--	--	--	--
	05/21/03	1.40	737.38	958	2,150	<500	15.4	1.87	0.62	<1	<2	--	--	--	--
	08/20/03	3.20	735.58	780	<250	<500	3.77	0.94	<0.500	<1	<2	--	--	--	--
	11/24/03	1.36	737.42	1,850	9,410	1,860	35.2	2.36	1.23	2.03	<0.5	--	--	--	--
	02/19/04	1.32	737.46	2,560	5,690	<247	15.8	<5	<5	<10	<5	--	--	--	--
	05/19/04	1.86	736.92	1,590	1,530	<241	5.62	2.24	1.60	<2	6.28	--	--	--	--
	08/12/04	1.72	737.06	1,460	2,030	<497	1.02	<1	<1	<2	<1	--	--	--	--
	11/11/04	1.56	737.22	1,160	2,820	<474	3.78	<1	<1	<2	2.14	--	--	--	--
	02/21/05	1.85	736.93	1,190	1,330	<491	2.36	<1	<1	<2	<1	--	--	--	--
	05/16/05	1.60	737.18	810	1,130	<526	3.21	1.65	<1	<2	2.48	--	--	--	--
	07/18/05	2.40	736.38	1,040	878	<506	1.03	<1	<1	<2	<1	--	--	--	--
	09/06/05	2.18	736.60	770	5,550	480	1.0	<0.7	<0.8	<0.8	--	--	--	--	--
	10/20/05	1.23	737.55	610	8,800	<500	4.0	0.90	<0.5	0.60	<0.5	--	--	--	--
	11/15/05	1.39	737.39	860	10,000	470	2.5	1.0	0.4	1.3	--	--	--	--	--
	12/12/05	--	--	920	6,100	500	2.0	0.9	<0.8	<0.8	--	--	--	--	--
	01/10/06	--	--	850	5,500	1,000	3.0	0.7	<0.8	<0.8	--	--	--	--	--
	01/23/06	0.87	737.91	690	2,600	<980	3.0	<0.7	<0.8	<0.8	<0.5	--	--	--	--
	04/12/06	1.54	737.24	850	3,900	310	3.0	0.8	<0.8	<0.8	<0.5	--	--	--	--
738.93	07/24/06	1.35	737.58	620	3,000	<500	<0.5	<0.7	<0.8	<0.8	<0.5	--	--	--	--
	10/24/06	1.90	737.03	810	4,500	940	5.0	0.8	<0.8	<0.8	<0.5	--	--	--	--
	01/30/07	1.20	737.73	750	12,000	<500	78	11	<0.8	<0.8	--	--	--	--	--
	02/26/07	0.38	738.55	--	--	--	--	--	--	--	--	--	--	--	--
	03/12/07	1.11	737.82	1,100	6,400	<980	92	23	1	<0.8	--	--	--	--	--
	03/26/07	1.15	737.78	--	--	--	--	--	--	--	--	--	--	--	--
	04/09/07	1.12	737.81	854	4,877	<980	12.2	1.53	<0.8	<0.8	--	--	--	--	--
	04/23/07	1.37	737.56	--	--	--	--	--	--	--	--	--	--	--	--
	04/26/07	1.39	737.54	809	4,022	468	54.6	30.1	0.81	1.09	--	--	--	--	--
	05/07/07	1.32	737.61	770	3,800	<480	46	14	<0.8	<0.8	--	--	--	--	--
	05/21/07	1.36	737.57	--	--	--	--	--	--	--	--	--	--	--	--
	06/04/07	1.47	737.46	900	4,900	560	40	15	<0.8	<0.8	--	--	--	--	--

TABLE 1

CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS

ConocoPhillips Facility No. 0964 (RM&R No 0964)

666 Griffin Avenue

Enumclaw, Washington

Well ID TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
	06/18/07	1.66	737.27	–	–	–	–	–	–	–	–	–	–	–	–
	07/02/07	1.17	737.76	720	4,600	<490	13	4	<0.8	<0.8	–	–	–	–	–
	07/16/07	1.54	737.39	–	–	–	–	–	–	–	–	–	–	–	–
	07/26/07	1.74	737.19	910	5,400	460	8	8	<0.8	<0.8	–	–	–	–	–
	07/30/07	1.84	737.09	610	4,400	<480	6	4	<0.8	<0.8	–	–	–	–	–
	10/24/07	1.35	737.58	690	5,600	1,000	1	3	<0.8	<0.8	<0.5	–	–	–	–
	01/23/08	1.54	737.39	730	4,700	<470	2	2	<0.8	0.8	–	–	–	–	–
	04/23/08	1.56	737.37	530	2,100	<190	0.8	2	<0.8	<0.8	–	–	–	–	–
	07/24/08	1.80	737.13	780	3,000	160	<0.5	2	<0.5	0.5	<0.5	–	–	–	–
	10/20/08	1.70	737.23	800	3,100	290	2	1	<0.8	<0.8	–	–	–	–	–
	01/14/09	1.53	737.40	449	240	<63	2.6	1.2	<1.0	<3.0	–	–	–	–	–
	04/27/09	1.60	737.33	973	400	<420	2.6	2.1	<1.0	<3.0	<1.0	<1.0	<0.010	2.9	1.3
MW-3	02/16/99	2.1	737.97	484	<400	<800	16.8	1.21	2.41	<1.0	13.3	–	–	–	–
740.07	08/30/00	3.83	9.00	2,530	<250	<500	96.4	<4.63	<8.37	2.87	43.6	–	–	–	–
	11/16/00	2.60	737.47	1,250	<250	<500	68.4	<2.50	<5.40	<8.20	39.8	–	–	–	–
	02/22/01	2.35	737.72	1,060	271	<500	44.9	<3.08	<8.12	2.31	56.4	–	–	–	–
	05/31/01	2.62	737.45	2,340	<250	<500	40.2	1.69	4.26	1.36	44.6	–	–	–	–
	08/22/01	3.79	736.28	1,600	1,590	<500	12.3	5.43	4.80	<1	49.0	–	–	–	–
	11/08/01	2.15	737.92	1,290	<250	<500	41.5	2.18	4.90	4.70	28.1	–	–	–	–
	02/05/02	2.05	738.02	1,470	<250	<500	37.2	3.17	5.84	<1	30.5	–	–	–	–
	05/23/02	2.36	737.71	3,170	<250	<500	36.2	<10	<10	<30	30.8	–	–	–	–
	08/13/02	3.69	736.38	1,100	<250	<500	44	7.7	8.0	<1.5	31	–	–	–	–
	11/06/02	3.95	736.12	1,200	<250	<500	75	11.0	9.3	4.8	30	–	–	–	–
	02/05/03	1.68	738.39	2,170	<250	<500	218	75.6	7.08	39.3	39.9	–	–	–	–
	05/21/03	2.02	738.05	1,670	960	<500	336	52.9	3.64	12.2	43.7	–	–	–	–
	08/20/03	4.86	735.21	1,740	<250	<500	147	10.3	<1	4.72	35.3	–	–	–	–
	11/24/03	2.05	738.02	1,710	4,050	2,190	941	71.5	27.20	42.34	9.19	–	–	–	–
	02/19/04	1.77	738.30	1,410	606	<245	1,080	51.9	12.00	16.62	37	–	–	–	–
	05/19/04	2.46	737.61	2,490	1,010	<238	445	33.2	10.30	10.30	47.6	–	–	–	–
	08/12/04	3.47	736.60	3,690	770	<495	697	30.0	<10	<20	34.3	–	–	–	–
	11/11/04	2.36	737.71	2,150	724	<496	306	11.6	<10	<20	<10	–	–	–	–
	02/21/05	2.79	737.28	2,270	782	<496	225	<10	<10	<20	12.9	–	–	–	–
	05/16/05	1.48	738.59	2,350	1,120	<495	198	10.60	13.40	<2	18.9	–	–	–	–
	07/18/05	2.38	737.69	1,630	496	<501	189	4.63	2.53	6.15	15.6	–	–	–	–
	09/06/05	3.08	736.99	590	690	380	89	1.0	0.8	3.0	–	–	–	–	–
	10/19/05	2.41	737.66	1,200	1,500	370	140	5.0	2.0	5.0	7.0	–	–	–	–
	11/15/05	1.90	738.17	940	1400	530	170	3.6	1.3	<5	–	–	–	–	–
	12/12/05	–	–	740	950	310	250	4.0	2.0	5.0	–	–	–	–	–
	01/10/06	–	–	720	1,200	320	260	3.0	1.0	3.0	–	–	–	–	–
	01/23/06	2.04	738.03	1,200	760	310	99	3.0	3.0	2.0	12	–	–	–	–
	04/12/06	2.26	737.81	1,000	680	150	33	1.0	<0.8	1.0	21	–	–	–	–
740.07	07/24/06	3.41	736.66	870	1,100	260	35	1.0	<0.8	1.0	15	–	–	–	–
	10/24/06	2.77	737.30	920	1,700	450	16	0.8	<0.8	<0.8	13	–	–	–	–
	01/30/07	2.27	737.80	880	1,400	270	12	<0.7	2.0	<0.8	–	–	–	–	–
	02/26/07	1.59	738.48	–	–	–	–	–	–	–	–	–	–	–	–
	03/12/07	1.41	738.66	1,100	2,300	770	26	<0.7	4	<0.8	–	–	–	–	–
	03/26/07	1.41	738.66	–	–	–	–	–	–	–	–	–	–	–	–
	04/09/07	1.65	738.42	1,335	1,481	354	36.8	<0.7	8.75	<0.8	–	–	–	–	–
	04/23/07	2.02	738.05	–	–	–	–	–	–	–	–	–	–	–	–
	04/26/07	2.01	738.06	1,003	1,515	442	13.3	<0.7	1.75	<0.8	–	–	–	–	–

TABLE 1

CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS

ConocoPhillips Facility No. 0964 (RM&R No 0964)

666 Griffin Avenue

Enumclaw, Washington

Well ID TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
	05/07/07	2.04	738.03	820	1,100	680	25	<0.7	4	<0.8	--	--	--	--	--
	05/21/07	2.02	738.05	--	--	--	--	--	--	--	--	--	--	--	--
	06/04/07	2.17	737.90	760	2,000	930	18	<0.7	1	<0.8	0.6	--	--	--	--
	06/18/07	2.15	737.92	--	--	--	--	--	--	--	--	--	--	--	--
	07/02/07	2.17	737.90	300	1,200	350	4	<0.7	<0.8	<0.8	--	--	--	--	--
	07/16/07	2.64	737.43	--	--	--	--	--	--	--	--	--	--	--	--
	07/26/07	2.08	737.89	580	1,300	320	3	<0.7	<0.8	<0.8	7	--	--	--	--
	07/30/07	2.30	737.77	120	1,600	650	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--
	10/24/07	2.11	737.96	700	1,800	680	4	<0.7	<0.8	<0.8	1	--	--	--	--
	01/23/08	2.17	737.90	470	1,200	230	2	<0.7	<0.8	<0.8	2	--	--	--	--
	04/23/08	2.22	737.85	450	540	<95	2	<0.7	<0.8	<0.8	0.9	--	--	--	--
	07/24/08	2.81	737.26	680	590	<98	0.6	<0.5	<0.5	0.6	0.6	--	--	--	--
	10/20/08	2.32	737.75	720	860	220	270	2	<0.8	<0.8	--	--	--	--	--
	01/14/09	1.84	738.23	643	180	<63	420	9.4	<1.0	<3.0	--	--	--	--	--
	04/27/09	2.34	737.73	972	<84	<420	607	31.5	<1.0	3.3	<1.0	<1.0	<0.010	<1.0	<1.0
MW-4	02/19/99	2.1	737.97	484	<400	<800	16.8	1.21	2.41	<1.0	13.3	--	--	--	--
740.07	08/30/00	3.83	736.24	1,460	1,880	<500	<1.43	<0.910	<0.950	<1	<5	--	--	--	--
	11/16/00	2.60	737.47	1,140	1,920	<500	<7.20	<0.690	<2.82	<1.35	<5	--	--	--	--
	02/22/01	2.35	737.72	1,380	3,410	<500	<2.02	<1.36	<1.92	<2	6.01	--	--	--	--
	05/31/01	2.62	737.45	1,880	9,950	<500	1.37	<0.5	1.76	<1	<2	--	--	--	--
	08/22/01	3.79	736.28	1,710	3,790	649	6.66	<0.5	<0.500	<1	Detected	--	--	--	--
	11/08/01	2.15	737.92	1,050	5,330	<500	2.01	1.35	0.99	<2	Detected	--	--	--	--
	02/05/02	2.05	738.02	1,300	1,990	<500	2.63	<0.5	1.24	<1	22.9	--	--	--	--
	05/23/02	2.36	737.71	2,540	438	<500	1.77	<1	1.07	<3	<2	--	--	--	--
	08/13/02	3.69	736.38	1,000	450	<500	12.00	4.1	1.30	<1.5	<5	--	--	--	--
	11/06/02	3.95	736.12	830	740	<500	8.00	3.6	1.70	<1.5	<5	--	--	--	--
	02/05/03	1.68	738.39	1,300	2,160	<500	0.59	0.89	1.01	<1	<2	--	--	--	--
	05/21/03	2.02	738.05	569	1,350	<500	0.94	<0.5	<0.5	<1	<2	--	--	--	--
	08/20/03	4.86	735.21	919	649	<500	0.55	<0.5	<0.5	<1	<2	--	--	--	--
	11/24/03	2.05	738.02	1,680	4,310	1,310	7.31	1.19	1.5	2.83	<0.5	--	--	--	--
	02/19/04	1.77	738.30	3,100	10,400	345	9.95	<5.0	<5.0	<10	<5	--	--	--	--
	05/19/04	2.46	737.61	2,060	5,510	249	6.61	6.46	4.19	<2	16	--	--	--	--
	08/12/04	3.47	736.60	1,680	7,160	<501	2.35	<1.0	<1.0	<2.0	<1.0	--	--	--	--
	11/11/04	2.36	737.71	1,400	8,920	<498	1.82	<1.0	1.11	<2.0	3.08	--	--	--	--
	02/21/05	2.79	737.28	1,580	3,620	<495	<10	<10	<10	<20	<10	--	--	--	--

TABLE 1

CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS

ConocoPhillips Facility No. 0964 (RM&R No 0964)

666 Griffin Avenue

Enumclaw, Washington

Well ID TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
	05/16/05	1.48	738.59	1,360	6,220	<496	3.80	2.91	1.51	<2	23.90	–	–	–	–
	07/18/05	2.38	737.69	1,110	1,040	<477	2.34	<1.0	<1.0	<2.0	<1.0	–	–	–	–
	09/06/05	3.08	736.99	1,800	3,400	350	6.0	<0.7	5.0	1.0	–	–	–	–	–
	10/19/05	2.41	737.66	890	6,200	<980	2.0	<0.5	0.70	<0.5	<0.5	–	–	–	–
	11/15/05	1.90	738.17	1,300	2,800	560	2.5	2.6	2.0	<3	–	–	–	–	–
	12/12/05	–	–	1,200	3,400	400	4.0	1.0	4.0	2.0	–	–	–	–	–
	01/10/06	–	–	1,300	2,500	770	3.0	<0.7	2.0	<0.8	–	–	–	–	–
	01/23/06	2.04	738.03	920	5,700	<980	1.0	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	04/12/06	2.26	737.81	1,200	2,400	220	1.0	<0.7	<0.8	<0.8	<0.5	–	–	–	–
740.07	07/24/06	3.41	736.66	840	2,800	<500	0.9	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	10/24/06	2.77	737.30	930	3,100	680	0.8	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	01/30/07	2.27	737.80	680	2,900	<500	0.7	<0.7	<0.8	<0.8	–	–	–	–	–
	02/26/07	1.59	738.48	–	–	–	–	–	–	–	–	–	–	–	–
	03/12/07	1.41	738.66	1,300	2,200	<500	1	<0.7	<0.8	<0.8	–	–	–	–	–
	03/26/07	1.41	738.66	–	–	–	–	–	–	–	–	–	–	–	–
	04/09/07	1.65	738.42	1,090	1,964	<500	1.15	<0.7	0.870	<0.8	–	–	–	–	–
	04/23/07	2.02	738.05	–	–	–	–	–	–	–	–	–	–	–	–
	04/26/07	2.01	738.06	598	7,450	<1,000	0.66	1.40	<0.8	3.37	–	–	–	–	–
	05/07/07	2.04	738.03	1,200	2,500	<480	1	<0.7	2	<0.8	–	–	–	–	–
	05/21/07	2.02	738.05	–	–	–	–	–	–	–	–	–	–	–	–
	06/04/07	2.17	737.90	1,400	18,000	<980	2	0.7	1	3	–	–	–	–	–
	06/18/07	2.15	737.92	–	–	–	–	–	–	–	–	–	–	–	–
	07/02/07	2.17	737.90	1,100	15,000	<500	1	<0.7	1	<0.8	–	–	–	–	–
	07/16/07	2.64	737.43	–	–	–	–	–	–	–	–	–	–	–	–
	07/26/07	2.08	737.99	690	5,500	<480	<0.5	<0.7	<0.8	<0.8	–	–	–	–	–
	07/30/07	2.30	737.77	1,200	8,400	<480	4	1	2	2	–	–	–	–	–
	10/24/07	2.1	737.97	1,100	3,100	<950	1	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	01/23/08	2.19	737.88	950	2,300	270	0.9	<0.7	<0.8	<0.8	–	–	–	–	–
	04/23/08	2.31	737.76	750	3,000	<190	1	<0.7	<0.8	<0.8	–	–	–	–	–
	07/24/08	3.23	736.84	1,100	1,500	110	1	0.60	1.00	0.90	<0.5	–	–	–	–
	10/20/08	2.30	737.77	1,500	2,100	360	4	<0.7	1	1	–	–	–	–	–
	01/14/09	2.05	-2.05	1,280	510	<63	2.0	<1.0	1.9	<3.0	–	–	–	–	–
	01/14/09 Re-extraction - No Cleanup			–	1,900	930	–	–	–	–	–	–	–	–	–
	01/14/09 Re-extraction - Silica Gel Cleanup			–	690	190 J	–	–	–	–	–	–	–	–	–
	04/27/09	2.42	737.65	1,590	350	<430	3.0	1.4	2.7	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0

TABLE 1

CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS

ConocoPhillips Facility No. 0964 (RM&R No 0964)

666 Griffin Avenue

Enumclaw, Washington

Well ID / TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MW-5	02/16/99	1.65	738.64	<80	<400	<800	<0.5	<0.5	<0.5	<1.0	<2.0	–	–	–	–
740.29	08/30/00	2.84	737.45	<50	<250	<500	<0.5	<0.5	<0.5	<1	<5	–	–	–	–
	11/16/00	2.25	738.04	55	<250	<500	<0.5	<0.5	0.64	2.30	<5	–	–	–	–
	02/22/01	1.92	738.37	<50	<250	<500	<0.5	<0.5	<0.5	1.02	<1	–	–	–	–
	05/31/01	2.22	738.07	101	<250	<500	<0.5	<0.5	<0.5	<1	–	–	–	–	–
	08/22/01	2.53	737.76	<80	827	622	<0.5	<0.5	<0.5	<1	–	–	–	–	–
	11/08/01	1.73	738.56	103	<250	<500	<0.5	<0.5	<0.5	<2	–	–	–	–	–
	02/05/02	1.51	738.78	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	05/23/02	1.60	738.69	<100	<323	<645	<1	<1	<1	<3	<2	–	–	–	–
	08/13/02	3.15	737.14	<100	<250	<500	<0.5	<0.5	<0.5	<1.5	<5	–	–	–	–
	11/06/02	3.63	736.66	<100	<250	<500	<0.5	<0.5	<0.5	<1.5	<5	–	–	–	–
	02/05/03	1.30	738.99	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	05/21/03	1.36	738.93	<80	1,390	739	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	08/20/03	4.18	736.11	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	11/24/03	1.62	738.67	308	1,830	2,360	0.49	<0.5	<0.5	0.87	<0.5	–	–	–	–
	02/19/04	1.49	738.80	105	<124	<248	<1	<1	<1	1.08	<1	–	–	–	–
	05/19/04	2.00	738.29	120	215	<238	<1	<1	<1	<2	<1	–	–	–	–
	08/12/04	3.06	737.23	<100	<251	<502	<1	<1	<1	<2	<1	–	–	–	–
	11/11/04	1.74	738.55	<100	322	<499	<1	<1	<1	<2	<1	–	–	–	–
	02/21/05	2.36	737.93	<100	<247	<494	<1	<1	<1	<2	<1	–	–	–	–
	05/16/05	1.23	739.06	1,250	725	<508	3.42	2.86	<1	<2	18.8	–	–	–	–
	07/18/05	1.94	738.35	179	771	<476	<1	<1	<1	<2	<1	–	–	–	–
	10/19/05	1.58	738.71	<48	1,300	650	<0.5	<0.5	0.50	1.0	<0.5	–	–	–	–
	01/23/06	1.21	739.08	<48	3,300	1,400	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	04/12/06	1.39	738.90	<48	3,000	1,100	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
740.28	07/24/06	2.98	737.30	<48	3,300	2,000	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	10/24/06	2.43	737.85	130	1,500	1,100	<0.5	<0.7	<0.8	1.0	<0.5	–	–	–	–
	01/30/07	1.86	738.42	<48	3,300	860	<0.5	<0.7	<0.8	<0.8	–	–	–	–	–
	02/26/07	1.23	739.05	–	–	–	–	–	–	–	–	–	–	–	–
	03/12/07	0.99	739.29	100	2,500	1,500	<0.5	<0.7	<0.8	1	–	–	–	–	–
	03/26/07	1.09	739.19	–	–	–	–	–	–	–	–	–	–	–	–
	04/09/07	1.24	739.04	<50	2,778	1,058	<0.5	<0.7	<0.8	<0.8	–	–	–	–	–
	04/23/07	1.56	738.72	–	–	–	–	–	–	–	–	–	–	–	–
	04/26/07	1.57	738.71	52.8	2,741	766	<0.5	<0.7	<0.8	<0.8	–	–	–	–	–
	05/07/07	1.56	738.72	74	1,900	1,600	<0.5	<0.7	<0.8	1	–	–	–	–	–
	05/21/07	1.41	738.87	–	–	–	–	–	–	–	–	–	–	–	–
	06/04/07	1.85	738.43	120	3,600	2,500	<0.5	<0.7	<0.8	<0.8	–	–	–	–	–
	06/18/07	1.78	738.50	–	–	–	–	–	–	–	–	–	–	–	–
	07/02/07	1.49	738.79	130	1,900	970	<0.5	<0.7	1	3	–	–	–	–	–
	07/16/07	2.26	738.02	–	–	–	–	–	–	–	–	–	–	–	–
	07/26/07	1.62	738.66	77	2,900	2,000	<0.5	<0.7	<0.8	<0.8	–	–	–	–	–
	07/30/07	1.91	738.37	100	2,500	1,900	<0.5	<0.7	0.8	0.8	–	–	–	–	–
	10/24/07	1.58	738.70	78	3,100	2,100	<0.5	<0.7	1	3	<.5	–	–	–	–
	01/23/08	1.81	738.47	67	3,500	970	<0.5	<0.7	<0.8	<0.8	–	–	–	–	–
	04/23/08	1.91	738.37	81	2,900	2,200	<0.5	<0.7	<0.8	2	–	–	–	–	–
	07/24/08	2.91	737.37	<50	1,800	1,100	<0.5	<0.5	<0.5	<0.5	<0.5	–	–	–	–
	10/20/08	2.16	738.12	280	1,900	650	60	31	2	7	–	–	–	–	–
	01/14/09	1.50	-1.50	202	54 J	<63	64	15	9.9	30	–	–	–	–	–
	01/14/09 Re-extraction - No Cleanup			–	2,800	1,900	–	–	–	–	–	–	–	–	–
	01/14/09 Re-extraction - Silica Gel Cleanup			–	130	<61	–	–	–	–	–	–	–	–	–
	04/27/09	1.99	738.29	381	98	<420	46.7	29.4	9.2	39.7	<1.0	<1.0	<0.010	<1.0	<1.0

TABLE 1

CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS

ConocoPhillips Facility No. 0964 (RM&R No 0964)

666 Griffin Avenue

Enumclaw, Washington

Well ID TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MW-6	04/27/00	–	–	**3,000**	<250	<500	**64.5**	162	62.3	533	**21.1**	–	–	–	–
739.35	08/30/00	2.85	736.50	642	<250	<500	**44.7**	1.47	8.99	3.84	19.1	–	–	–	–
	11/16/00	2.68	736.67	488	<250	<500	**33.3**	<0.917	7.14	<2.95	13.4	–	–	–	–
	02/22/01	2.50	736.85	473	<250	<500	**47.7**	<1.64	3.21	<1	9.55	–	–	–	–
	05/31/01	2.68	736.67	613	<250	<500	**42.3**	<0.5	<0.5	<1	2.36	–	–	–	–
	08/22/01	3.89	735.46	214	412	<500	<0.5	<0.5	<0.5	<1	4.29	–	–	–	–
	11/08/01	2.59	736.76	423	<250	<500	3.84	<0.5	<0.5	<2	<2	–	–	–	–
	02/05/02	2.18	737.17	359	<250	<500	**14.4**	4.14	<0.5	<1	<2	–	–	–	–
	05/23/02	2.24	737.11	**1,530**	292	<500	**240**	1.15	<1.00	<3	<2	–	–	–	–
	08/13/02	2.94	736.41	550	<250	<500	**29**	1.30	3.40	<2	<5	–	–	–	–
	11/06/02	3.82	735.53	440	<250	<500	**12**	0.78	2.90	1.80	<5	–	–	–	–
	02/05/03	2.20	737.15	**77,300**	<250	<500	**6,170**	**19,300**	**1,430**	**7,090**	<400	–	–	–	–
	03/28/03	2.02	737.33	**37,100**	–	–	**2,380**	**7,910**	**1,280**	**6,420**	–	–	–	–	–
	05/21/03	2.16	737.19	**14,000**	<250	<500	**1,290**	**1,830**	568	**2,310**	<40	–	–	–	–
	08/20/03	4.26	735.09	**3,250**	<250	<500	**776**	11.20	206	**102**	<40	–	–	–	–
	11/24/03	2.24	737.11	**1,830**	**2,200**	**1,050**	**249**	2.83	23.8	107.36	1.85	–	–	–	–
	02/19/04	2.08	737.27	**1,870**	**645**	253	**180**	<5	14.1	60.0	<5	–	–	–	–
	05/19/04	2.41	736.94	**1,550**	**865**	**520**	**89.3**	1.94	3.93	16.7	3.16	–	–	–	–
	08/12/04	Well not accessible										–	–	–	–
	11/11/04	1.46	737.89	111	<246	<491	<1	<1	<1	<2	1.63	–	–	–	–
	02/21/05	1.95	737.40	**1,030**	371	<493	**6.98**	<1	<1	<2	<1	–	–	–	–
	05/16/05	2.17	737.18	384	324	<494	1.73	<1	1.14	1.59	<1	–	–	–	–
	07/18/05	2.06	737.29	348	<249	<498	**12.30**	<1	<1	<2	<1	–	–	–	–
	10/20/05	2.22	737.13	320	**500**	150	**5.0**	<0.5	<0.5	<0.5	<0.5	–	–	–	–
	01/23/06	1.92	737.43	170	210	260	**110**	1.0	<0.8	<0.8	1.0	–	–	–	–
	04/12/06	2.38	736.97	450	<400	<500	**180**	4.0	10	3.0	3.0	–	–	–	–
739.49	07/24/06	2.74	736.75	470	400	<99	**42**	1.0	<0.8	0.8	1.0	–	–	–	–
	10/24/06	2.98	736.51	300	320	<95	1.0	<0.7	<0.8	<0.8	0.8	–	–	–	–
	01/30/07	2.23	737.26	180	390	200	0.9	<0.7	<0.8	<0.8	–	–	–	–	–
	04/26/07	2.20	737.29	329	132	<100	**5.71**	<0.7	<0.8	<0.8	–	–	–	–	–
	05/21/07	2.36	737.13	–	–	–	–	–	–	–	–	–	–	–	–
	07/26/07	2.16	737.33	360	370	98	<0.5	<0.7	<0.8	<0.8	–	–	–	–	–
	10/24/07	1.95	737.54	330	390	230	1	11	<0.8	<0.8	<0.5	–	–	–	–
	01/23/08	2.14	737.35	290	240	<94	0.8	<0.7	<0.8	<0.8	–	–	–	–	–
	04/23/08	2.24	737.25	380	130	<95	0.8	<0.7	<0.8	<0.8	–	–	–	–	–
	07/24/08	2.45	737.04	570	310	<97	<0.5	3	<0.5	<0.5	<0.5	–	–	–	–
	10/20/08	2.33	737.16	480	130	<99	<0.5	1	<0.8	<0.8	–	–	–	–	–
	01/14/09	2.05	737.44	327	<38	<63	**11**	9.1	<1.0	<3.0	–	–	–	–	–
	04/27/09	2.05	737.44	568	<85	<430	<1.0	1.5	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0
MW-7	04/27/00	–	–	<80	<250	<500	<0.5	<0.5	<0.5	<1.0	<2.0	–	–	–	–
739.02	08/30/00	4.07	734.95	<50	<250	<500	<0.5	<0.5	<0.5	<1	<5	–	–	–	–
	11/16/00	2.92	736.10	<50	<250	<500	<0.5	<0.5	<0.5	<1	<5	–	–	–	–
	02/22/01	4.84	734.18	<50	<250	<500	<0.5	<0.5	<0.5	<1	<1	–	–	–	–
	05/31/01	3.11	735.91	<80	<250	<500	<0.5	<0.5	<0.5	<1	–	–	–	–	–
	08/22/01	3.38	735.64	<80	<250	<500	<0.5	<0.5	<0.5	<1	–	–	–	–	–
	11/08/01	2.40	736.62	<80	<250	<500	<0.5	<0.5	<0.5	<2	–	–	–	–	–
	02/05/02	2.15	736.87	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	05/23/02	2.74	736.28	<100	<250	<500	<1	<1	<1	<3	<2	–	–	–	–
	08/13/02	4.31	734.71	<100	<250	<500	<0.5	<0.5	<0.5	<1.5	<5	–	–	–	–
	11/06/02	4.38	734.64	<100	<250	<500	<0.5	<0.5	<0.5	<1.5	<5	–	–	–	–

TABLE 1
CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS
ConocoPhillips Facility No. 0964 (RM&R No 0964)
666 Griffin Avenue
Enumclaw, Washington

Well ID TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
	02/05/03	1.72	737.30	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	05/21/03	2.31	736.71	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	08/20/03	5.66	733.36	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	11/24/03	1.67	737.35	129	<120	<480	0.89	<0.5	<0.5	<1	<0.5	–	–	–	–
	02/19/04	1.64	737.38	<100	<123	<246	<1	<1	<1	<2	<1	–	–	–	–
	05/19/04	2.77	736.25	<100	<120	<239	<1	<1	<1	<2	<1	–	–	–	–
	08/12/04	3.50	735.52	<100	<245	<490	<1	<1	<1	<2	<1	–	–	–	–
	11/11/04	2.58	736.44	<100	<247	<494	<1	<1	<1	<2	<1	–	–	–	–
	02/21/05	3.19	735.83	<100	<265	<531	<1	<1	<1	<2	<1	–	–	–	–
	05/16/05	1.68	737.34	<100	<247	<493	<1	<1	<1	<2	<1	–	–	–	–
	07/18/05	2.77	736.25	<100	<261	<521	<1	<1	<1	<2	<1	–	–	–	–
	10/19/05	2.22	736.80	<48	79	<98	<0.5	<0.5	<0.5	<0.5	<0.5	–	–	–	–
	01/23/06	2.14	736.88	<48	<78	170	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	04/12/06	2.30	736.72	<48	<78	<97	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
739.27	07/24/06	3.95	735.32	<48	<78	<98	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	10/24/06	3.14	736.13	<48	<79	140	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	01/30/07	2.59	736.68	Gauge only											
	04/26/07	2.22	737.05	Gauge only											
	07/26/07	2.24	737.03	Gauge only											
	10/24/07	2.01	737.26	Gauge only											
	01/23/08	2.30	736.97	Gauge only											
	04/23/08	2.15	737.12	Gauge only											
	07/24/08	–	–	Well was not gauged											
	10/20/08	2.20	737.07	Gauge only											
	01/14/09	1.60	737.67	Gauge only											
	04/27/09	2.76	736.51	<50.0	<84	<420	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0
MW-8	04/27/00	–	–	<80	<250	<500	<0.5	2.57	1.31	8.96	<2.0	–	–	–	–
738.79	08/30/00	7.81	730.98	<50	<250	<500	<0.5	<0.5	<0.5	<1	<5	–	–	–	–
	11/16/00	4.96	733.83	<50	<250	<500	<0.5	<0.5	<0.5	<1	<5	–	–	–	–
	02/22/01	5.97	732.82	<50	<250	<500	<0.5	<0.5	<0.5	<1	<1	–	–	–	–
	05/31/01	6.68	732.11	<80	<250	<500	<0.5	<0.5	<0.5	<1	–	–	–	–	–
	08/22/01	6.68	730.11	<80	<250	<500	<0.5	<0.5	<0.5	<1	–	–	–	–	–
	11/08/01	6.54	732.25	<80	<250	<500	<0.5	<0.5	<0.5	<2	–	–	–	–	–
	02/05/02	5.59	733.20	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	05/23/02	5.86	732.93	<100	<333	<667	<1	<1	<1	<3	<2	–	–	–	–
	08/13/02	7.78	731.01	<100	<250	<500	<0.5	<0.5	<0.5	<1.5	<5	–	–	–	–
	11/06/02	8.15	730.64	<100	<250	<500	<0.5	<0.5	<0.5	<1.5	<5	–	–	–	–
	02/05/03	4.72	734.07	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	05/21/03	5.25	733.54	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	08/20/03	8.36	730.43	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	11/24/03	4.49	734.30	53.50	<126	<252	<0.25	<0.5	<0.5	<1	<0.5	–	–	–	–
	02/19/04	5.07	733.72	<100	<127	<254	<1	<1	<1	<2	<1	–	–	–	–
	05/19/04	6.02	732.77	<100	<118	<237	<1	<1	<1	<2	<1	–	–	–	–
	08/12/04	7.54	731.25	<100	<248	<496	<1	<1	<1	<2	<1	–	–	–	–
	11/11/04	5.99	732.80	<100	<250	<500	<1	<1	<1	<2	<1	–	–	–	–
	02/21/05	6.35	732.44	<100	<244	<488	<1	<1	<1	<2	<1	–	–	–	–
	05/16/05	3.82	734.97	<100	<259	<518	<1	<1	<1	<2	<1	–	–	–	–
	07/18/05	5.58	733.21	<100	<257	<515	<1	<1	<1	<2	<1	–	–	–	–

TABLE 1
CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS
ConocoPhillips Facility No. 0964 (RM&R No 0964)
666 Griffin Avenue
Enumclaw, Washington

Well ID / TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
	10/19/05	5.59	733.20	<48	110	<97	<0.5	<0.5	<0.5	<0.5	<0.5	–	–	–	–
	01/24/06	3.43	735.36	<48	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	04/12/06	4.60	734.19	<48	<80	<100	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
738.94	07/24/06	6.57	732.37	<48	<79	<98	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	10/24/06	3.48	735.46	<48	<76	<94	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	01/30/07	5.05	733.89	Gauge only											
	04/26/07	4.43	734.51	Gauge only											
	07/26/07	4.77	734.17	Gauge only											
	10/24/07	4.24	734.70	Gauge only											
	01/23/08	4.30	734.64	Gauge only											
	04/23/08	3.98	734.96	Gauge only											
	07/24/08	–	–	Well was not gauged											
	10/20/08	–	–	Well Destroyed - Not gauged or sampled											
	01/14/09	–	–	Well Destroyed - Not gauged or sampled											
	04/27/09	–	–	Well Destroyed - Not gauged or sampled											
MW-9	04/27/00	–	–	<80	<250	<500	<0.5	<0.5	<0.5	<01.0	<2.0	–	–	–	–
738.66	08/30/00	4.22	734.44	<50	<250	<500	<0.5	<0.5	<0.5	<1	<5	–	–	–	–
	11/16/00	5.29	733.37	<50	<250	<500	<0.5	<0.5	<0.5	<1	<5	–	–	–	–
	02/22/01	4.49	734.17	<50	<250	<500	<0.5	<0.5	<0.5	<1	<1	–	–	–	–
	05/31/01	4.65	734.01	<80	<250	<500	<0.5	<0.5	<0.5	<1	–	–	–	–	–
	08/22/01	2.77	735.89	<80	<250	<500	<0.5	<0.5	<0.5	<1	–	–	–	–	–
	11/08/01	4.82	733.84	<80	<250	<500	<0.5	<0.5	<0.5	<2	–	–	–	–	–
	02/05/02	3.92	734.74	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	05/23/02	3.88	734.78	<100	272	<500	<1	<1	<1	<3	<2	–	–	–	–
	08/13/02	6.65	732.01	<100	<250	<500	<0.5	<0.5	<0.5	<1.5	<5	–	–	–	–
	11/06/02	6.33	732.33	<100	<250	<500	<0.5	<0.5	<0.5	<1.5	<5	–	–	–	–
	02/05/03	3.05	735.61	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	05/21/03	2.53	736.13	251	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	08/20/03	7.28	731.38	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	11/24/03	3.38	735.28	<100	<120	<240	<0.25	<0.5	<0.5	<1	<0.5	–	–	–	–
	02/19/04	2.97	735.69	<100	<124	<248	<1	<1	<1	<2	<1	–	–	–	–
	05/19/04	4.11	734.55	<100	<119	<238	<1	<1	<1	<2	<1	–	–	–	–
	08/12/04	6.49	732.17	<100	<238	<476	<1	<1	<1	<2	<1	–	–	–	–
	11/11/04	4.71	733.95	<100	<248	<496	<1	<1	<1	<2	<1	–	–	–	–
	02/21/05	5.69	732.97	<100	<244	<488	<1	<1	<1	<2	<1	–	–	–	–
	05/16/05	2.91	735.75	<100	<242	<483	<1	<1	<1	<2	<1	–	–	–	–
	07/18/05	4.05	734.61	<100	<245	<490	<1	<1	<1	<2	<1	–	–	–	–
	10/19/05	3.11	735.55	<48	<78	<97	<0.5	<0.5	<0.5	<0.5	<0.5	–	–	–	–
	01/24/06	2.71	735.95	<48	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	04/12/06	3.14	735.52	<48	<160	<200	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
738.81	07/24/06	5.03	733.78	<48	<79	<99	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	10/24/06	5.02	733.79	<48	<87	<110	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	01/30/07	3.38	735.43	Gauge only											
	04/26/07	2.62	736.19	Gauge only											
	07/26/07	2.71	736.10	Gauge only											
	10/24/07	2.68	736.13	Gauge only											
	01/23/08	2.68	736.13	Gauge only											
	04/23/08	2.43	736.38	Gauge only											
	07/24/08	5.55	733.26	<50	<78	<97	<0.5	<0.5	<0.5	<0.5	<0.5	–	–	–	–
	10/20/08	–	–	Well Destroyed - Not gauged or sampled											

TABLE 1
CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS
ConocoPhillips Facility No. 0964 (RM&R No 0964)
666 Griffin Avenue
Enumclaw, Washington

Well ID TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
	01/14/09	--	--	Well Destroyed - Not gauged or sampled											
	04/27/09	--	--	Well Destroyed - Not gauged or sampled											

TABLE 1

CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS

ConocoPhillips Facility No. 0964 (RM&R No 0964)

666 Griffin Avenue

Enumclaw, Washington

Well ID / TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
MW-10	04/27/00	–	–	<80	<250	<500	<0.5	<0.5	<0.5	<1.0	<2.0	–	–	–	–
739.25	08/30/00	5.99	733.26	<50	<250	<500	<0.5	<0.5	<0.5	<1	<5	–	–	–	–
	11/16/00	6.83	732.42	<50	<250	<500	<0.5	<0.5	<0.5	<1	<5	–	–	–	–
	02/22/01	7.74	731.51	<50	<250	<500	<0.5	<0.5	<0.5	<1	<1	–	–	–	–
	05/31/01	5.02	734.23	<80	<250	<500	<0.5	<0.5	<0.5	<1	–	–	–	–	–
	08/22/01	6.08	733.17	<80	<250	<500	<0.5	<0.5	<0.5	<1	–	–	–	–	–
	11/08/01	4.18	735.07	<80	<250	<500	<0.5	<0.5	<0.5	<2	–	–	–	–	–
	02/05/02	3.90	735.35	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	05/23/02	4.90	734.35	<100	<250	<500	<1	<1	<1	<3	<2	–	–	–	–
	08/13/02	6.15	733.10	<100	<250	<500	<0.5	<0.5	<0.5	<1.5	<5.0	–	–	–	–
	11/06/02	6.23	733.02	<100	<250	<500	<0.5	<0.5	<0.5	<1.5	<5.0	–	–	–	–
	02/05/03	3.74	735.51	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	05/21/03	4.85	734.40	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	08/20/03	7.25	732.00	<80	<250	<500	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
	11/24/03	3.25	736.00	<100	–[5]	–[5]	<0.25	<0.5	<0.5	<1	<0.5	–	–	–	–
	02/19/04	4.45	734.80	<100	<125	<251	<1	<1	<1	<2	<1	–	–	–	–
	05/19/04	5.60	733.65	<100	<118	<236	<1	<1	<1	<2	<1	–	–	–	–
	08/12/04	6.68	732.57	<100	<246	<492	<1	<1	<1	<2	<1	–	–	–	–
	11/11/04	5.21	734.04	<100	<269	<539	<1	<1	<1	<2	<1	–	–	–	–
	02/21/05	5.68	733.59	<100	<245	<490	<1	<1	<1	<2	<1	–	–	–	–
	05/16/05	4.39	734.86	<100	<246	<493	<1	<1	<1	<2	<1	–	–	–	–
	07/18/05	5.59	733.66	<100	<248	<496	<1	<1	<1	<2	<1	–	–	–	–
	10/19/05	5.22	734.03	<48	210	170	<0.5	<0.5	<0.5	<0.5	<0.5	–	–	–	–
	01/24/06	4.30	734.95	<48	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	04/12/06	5.12	734.13	<48	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
739.43	07/24/06	6.35	733.08	<48	<80	<100	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	10/25/06	6.36	733.07	<48	<78	150	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	01/30/07	4.79	734.64	Gauge only											
	04/26/07	5.09	734.34	Gauge only											
	07/26/07	5.60	733.83	Gauge only											
	10/24/07	4.68	734.75	Gauge only											
	01/23/08	4.83	734.60	Gauge only											
	04/23/08	4.99	734.44	Gauge only											
	07/24/08	6.24	733.19	<50	<78	<97	<0.5	<0.5	<0.5	<0.5	<0.5	–	–	–	–
	10/20/08	–	–	Well Destroyed - Not gauged or sampled											
	01/14/09	–	–	Well Destroyed - Not gauged or sampled											
	04/27/09	–	–	Well Destroyed - Not gauged or sampled											
MW-11	08/20/03	13.27	723.37	<80	<357	<714	<0.5	<0.5	<0.5	<1	<2	–	–	–	–
736.64	11/24/03	6.35	730.29	<100	<120	<241	<0.25	<0.5	<0.5	<1	<0.5	–	–	–	–
	02/19/04	5.26	731.38	<100	<131	<262	<1	<1	<1	<2	<1	–	–	–	–
	05/19/04	7.18	729.46	<100	<124	<249	<1	<1	<1	<2	<1	–	–	–	–
	08/12/04	12.53	724.11	<100	<271	<542	<1	<1	<1	<2	<1	–	–	–	–
	11/11/04	7.17	729.47	<100	<267	<533	<1	<1	<1	<2	<1	–	–	–	–
	02/21/05	7.33	729.31	<100	<246	<491	<1	<1	<1	<2	<1	–	–	–	–
	05/16/05	3.61	733.03	<100	<245	<489	<1	<1	<1	<2	<1	–	–	–	–
	07/18/05	5.42	731.22	<100	<240	<479	<1	<1	<1	<2	<1	–	–	–	–
	10/19/05	6.05	730.59	<48	<800	<1,0009	<0.5	<0.5	<0.5	<0.5	<0.5	–	–	–	–
	01/24/06	3.63	733.01	<48	<77	<96	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	04/12/16	4.46	732.18	<48	<160	<200	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–

TABLE 1

CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS

ConocoPhillips Facility No. 0964 (RM&R No 0964)

666 Griffin Avenue

Enumclaw, Washington

Well ID TOC Elevation	Sample Date	Elevation Data		Total Petroleum Hydrocarbons			Aromatic Hydrocarbons							Metals	
		DTW	GW Elevation	Gasoline Range (µg/L)	Diesel Range (µg/L)	Oil Range (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	EDC (µg/L)	EDB (µg/L)	Total Lead (µg/L)	Dissolved Lead (µg/L)
738.36	07/24/06	7.72	730.64	<48	<83	<100	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	10/24/06	8.32	730.04	<48	<78	<98	<0.5	<0.7	<0.8	<0.8	<0.5	–	–	–	–
	01/30/07	5.58	732.78	Gauge only											
	04/26/07	4.46	733.90	Gauge only											
	07/26/07	4.48	733.88	Gauge only											
	10/24/07	5.02	733.34	Gauge only											
	01/23/08	4.67	733.69	Gauge only											
	04/23/08	4.37	733.99	Gauge only											
	07/24/08	–	–	Well was not gauged											
	10/20/08	4.60	733.96	Gauge only											
	01/14/09	3.68	734.68	<25	<38	<63	<1.0	<1.0	<1.0	<3.0	–	–	–	–	–
	04/27/09	4.30	734.06	<50.0	<84	<420	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<0.010	<1.0	<1.0
MTCA Method A Cleanup Levels:		-	-	**1,000/800[a]**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**20**	**5**	**0.01**	**15**	**15**

NOTES:

All concentrations are in micrograms per liter (µg/L).

DTW = Depth to water in feet below top of casing.

GW Elevation = Groundwater elevation in feet relative to top of casing elevation.

TOC = Top of casing elevation in feet.

TPH-g = Gasoline range hydrocarbons by Ecology Method NWTPH-Gx.

TPH-d and TPH-o = Diesel and oil range hydrocarbons, respectively, by Ecology Method NWTPH-Dx.

BTEX = Benzene, Toluene, Ethlybenzene, and Total Xylenes by EPA Method 8260B; previous results by 8021B or 8260B, refer to laboratory reports.

MTBE = Methyl tert-butyl ether by EPA Method 8260B.

EDC = 1,2-Dichloroethane by EPA Method 8260.

EDB = 1,2-Dibromoethane by EPA Method 8011.

Total and dissolved lead by EPA Method 6020.

– = Not Analyzed or Sampled

< = Less than the stated laboratory reporting limits

NE = Not established

Bolded values exceed Model Toxics Control Act (MTCA) Method A Cleanup Levels.

[a] MTCA Method A levels for TPH-g are 1000 µg/L when no Benzene is present and 800 µg/L when Benzene is present.

[b] The Method reporting limit is above the MTCA Method A cleanup levels.

[c] Surrogates were not spiked due to analyst error. The sample was reanalyzed out of hold with in control surrogate recoveries. Because the concentration for gasoline range organics was identical to the original analysis, the results were reported from the original analysis.

APPENDIX A
FIELD AND LABORATORY PROCEDURES

STANTEC MONITORING WELL GAUGING, PURGING AND SAMPLING PROCEDURES

Monitoring well purging and sampling was conducted based on USEPA approved (Puls and Barcelona, 1996) low-flow sampling techniques whenever possible.

Purging Procedures

A. Using a decontaminated instrument (i.e., tape measure, continuity meter, or interface probe) measure the depth to groundwater in reference to the measuring point at the top of the casing. Measure the total depth of the well and diameter of the well casing to calculate the volume of water in the well casing.

B. Based on previously obtained data, if a monitoring well is suspected of containing LPH concentrations, lower a transparent bailer into the well to evaluate the presence of a hydrocarbon sheen on the water table.

C. Decontaminate the purge pump and/or PVC bailers by scrubbing in Alconox detergent solution, followed by a tap water rinse and then a de-ionized water rinse.

D. Purge by low-flow pumping (less than 0.5 liters per minute) for approximately five minutes. Monitor the static water level in the well using a decontaminated instrument and adjust the pumping rate to maintain a minimal drawdown. If low-flow purging is not possible and bailing is used to purge the well, then a minimum of three well volumes will be removed. When purging 3 well volumes, parameters should be measured after each casing volume is removed. If the well goes dry, the procedure listed in step E2 (below) should be followed.

E. Conduct field measurements (i.e., pH, specific conductivity, temperature, and oxidation-reduction potential) note clarity, color, turbidity, and odor of purge water, and measure depth to groundwater.

1. If the well has not been purged dry and drawdown is minimal, continue to pump and conduct field measurements (including depth to water) again every three to five minutes during purging.

    a) If the first through third series of measurements vary by less than 10 percent, the well has been adequately purged. If bailers are used to purge the well, then the water level is allowed to recover to 80 percent of its static condition, or for two hours, whichever comes first prior to beginning the sampling procedure.

    b) If the measurements vary by 10 percent or greater, repeat Step E1 above.

    c) If a minimum of three parameters cannot be measured during purging and or drawdown cannot be controlled to minimal, remove three well volumes with a bailer prior to sampling.

2. If the well has been purged dry, measure the water level and allow the well to recharge to 80 percent, or for two hours, whichever occurs first. Calculate the percent recovery, and begin the sampling procedure.

Sampling Procedures

- Use the pump and a clean, dedicated section of tubing to collect the groundwater sample from the screened interval of the water column. If the pump cannot be used, collect the water sample with a clean, dedicated polyethylene disposable bailer.
- Transfer the groundwater sample into the appropriate container(s). Where applicable, some containers are completely filled to achieve zero headspace. Label the samples according to location and date of collection.
- Enter the samples into Chain-of-Custody and preserve on ice until delivery to the analytical laboratory. Complete the Well Development or Purging/Sampling Log to be stored in the project file.

Reference:

Puls, R.W., and Barcelona M.J., 1996. EPA Ground Water Issue Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, EPA/540/S-95/504.

APPENDIX B
FIELD DATA SHEETS

SITE VISITATION REPORT
2Q09 - CP Facility No. 0964, Enumclaw, WA

Name(s) Dave Reitz Date: 04/27/09 Time of Arrival Call-In: 0830

Arrival Time: 0830 Departure Time: 1750 Time of Departure Call-In 1700

Who did you call? C. Gdak

DRUM INVENTORY

1	WATER		CARBON	TOTAL OPEN TOP	1
	SOIL		EMPTY	TOTAL BUNG TOP	

HEALTH AND SAFETY ASSESSMENT

Don P.P.E.
Review HASP & JSA
Set-up decon. station

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

0830 Purchase ice en route. Arrive on job site. Meet with M. Talley, Call in to office. Check-in with site contact.
0840 Conduct tailgate safety meeting. Perform site-walk. Set-up decon. station. Stage & label drums.
0900 Initiate gauge of physical measurements of 8 gwm wells print off 2Q09 GWM procedures.
1000 Initiate 2Q09 GWM procedures (sample 8 wells)
1050 M. Talley completes gauging procedures & provides safety oversight protocol. Ensures integrity of safety protocol.
1140 Completion of sampling 2 wells requiring safety oversight.
1200 M. Talley departs job site.
1600 Complete 2Q09 sample procedures. Decon. equipment, release purge water/decon. rinsates into drum.
1630 Provide well condition report protocol. Pack sample coolers, & load equipment into truck.
1700 Call-in to office.
1730 Complete well condition report & daily documentation
1750 Depart job site.

04/27/09

Stantec Consulting Corporation

HYDROLOGIC DATA SHEET

Gauge Date: 04/27/09 **Project Name:** CP Facility No. 0964

Field Technician: David Reitz, Matt Tolley **Project Number:** 01CP.00964.41 Phase 85.04

DTP = Depth to Free Product (FP or NAPH) Below TOC
DTW = Depth to Groundwater Below TOC
DTB = Depth to Bottom of Well Casing Below TOC

Wells checked for product and gauged prior to commencement of bailing or purging the wells Y X N___

WELL OR LOCATION	WELL SCREEN DEPTH	MEASUREMENTS				PURGE? (Y/N)	SHEEN? (Y/N)	SAMPLE? (Y/N)	COMMENTS / PROBE CALIBRATION
		TIME	DTP (feet)	DTW (feet)	DTB (feet)				
MW-7		0900		2.76	12.90	Y	N	Y	ok, ø tubing
MW-11		0920		4.30	15.00	Y	N	Y	
MW-6		0935		2.05	12.20	Y	N	Y	Broken lid
MW-3		1000		2.34	12.85	Y	N	Y	Damaged well pad
MW-2		1020		1.60	15.50	Y	N	Y	Damaged well pad
MW-4		1035		2.42	17.50	Y	N	Y	
MW-5		1045		1.99	14.70	Y	N	Y	
MW-1		1050		2.35	14.80	Y	N	Y	

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.00964.41 PURGED BY: DReitz WELL I.D.: MW-7

CLIENT NAME: Conoco Phillips SAMPLED BY: DReitz SAMPLE I.D.: MW-7

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 4/27/09 START (2400hr) 1000 END (2400hr) 1035

DATE SAMPLED 4/27/09 SAMPLE TIME (2400hr) 1015

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X 3" ____ 4" ____ 5" ____ 6" ____ 8" ____ Other ____

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ( )

DEPTH TO BOTTOM (feet) = 12.90 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 2.76

WATER COLUMN HEIGHT (feet) = 10.14 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (mL)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
4/27/09	1005	800	11.8	0.313	6.04	Clr
4/27/09	1008	500	11.8	0.307	5.98	Clr
4/27/09	1011	500	11.5	0.302	6.00	Clr
4/27/09	1014	500	11.5	0.289	5.97	Clr
Calculated Variance of Final Three Samples:			0.3	0.018	0.03	
Acceptable Variance Limits:			≤10%	≤3%	≤0.1	

04/27/09

DEPTH TO PURGE INTAKE DURING PURGE: 11.00 SAMPLE DTW: 2.93

ANALYSES: TPH-G, TPH-D, TPH-O, BTEX by EPA 8260B

SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Peristaltic pump Water meter Horiba interface probe	Peristaltic pump

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair

WELL VAULT CONDITION: Fair SEAL PRESENT?: yes BOLTS PRESENT?: yes (1)

WELL INTEGRITY: Fair WELL TAG: yes AEP916 LOCK#: yes

REMARKS: ____

SIGNATURE: [signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.00964.41 PURGED BY: D. Reitz WELL I.D.: MW-11

CLIENT NAME: Conoco Phillips SAMPLED BY: D. Reitz SAMPLE I.D.: MW-11

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/27/09 START (2400hr) 1110 END (2400hr) 1140

DATE SAMPLED 04/27/09 SAMPLE TIME (2400hr) 1125

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X (0.64) 3" ____ (1.44) 4" ____ (2.45) 5" ____ (3.86) 6" ____ (5.68) 8" ____ (9.84) Other ____ ( )

Casing Volume: (liters per foot)

DEPTH TO BOTTOM (feet) = 15.00 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 4.30

WATER COLUMN HEIGHT (feet) = 10.70 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (mL)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/27/09	1115	500	11.2	0.289	6.02	Clr
	1118	500	11.2	0.287	6.00	Clr
	1121	500	11.2	0.286	5.98	Clr
	1124	500	11.0	0.282	5.98	Clr

OMRT 04/27/09

Calculated Variance of Final Three Samples: 0.2 0.005 0.02

Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 14.00 SAMPLE DTW: 4.80

ANALYSES: TPH-G, TPH-D, TPH-O, BTEX by EPA 8260B

SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Peristaltic pump Water meter Horiba interface probe	Peristaltic pump

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair

WELL VAULT CONDITION: Fair SEAL PRESENT?: yes BOLTS PRESENT?: yes (3)

WELL INTEGRITY: Fair WELL TAG: yes AH0867 LOCK#: yes

REMARKS: ____

SIGNATURE: OMRT

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.00964.41 PURGED BY: D. Reitz WELL I.D.: MW-6

CLIENT NAME: Conoco Phillips SAMPLED BY: D. Reitz SAMPLE I.D.: MW-6

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/27/09 START (2400hr) 1145 END (2400hr) 1220

DATE SAMPLED 04/27/09 SAMPLE TIME (2400hr) 1200

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" x (0.64) 3" ____ (1.44) 4" ____ (2.45) 5" ____ (3.86) 6" ____ (5.68) 8" ____ (9.84) Other ____ ( )

Casing Volume: (liters per foot)

DEPTH TO BOTTOM (feet) = 12.20 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 2.05

WATER COLUMN HEIGHT (feet) = 12.15 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/27/09	1150	800	11.5	0.456	6.52	Clr
	1153	500	11.8	0.452	6.58	Clr
	1156	500	11.9	0.450	6.62	Clr
	1159	500	12.1	0.447	6.64	Clr
					04/27/09	
Calculated Variance of Final Three Samples:			0.3	0.005	0.04	
Acceptable Variance Limits:			≤10%	≤3%	≤0.1	

DEPTH TO PURGE INTAKE DURING PURGE: 10.00 SAMPLE DTW: 2.60

ANALYSES: TPH-G, TPH-D, TPH-O, BTEX by EPA 8260B

SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Peristaltic pump Water meter Horiba interface probe	Peristaltic pump

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair

WELL VAULT CONDITION: Fair SEAL PRESENT?: yes BOLTS PRESENT?: yes (1)

WELL INTEGRITY: Fair WELL TAG: yes ALP912 LOCK#: yes

REMARKS: ____

SIGNATURE: [signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.00964.41 PURGED BY: D. Reitz WELL I.D.: MW-3

CLIENT NAME: Conoco Phillips SAMPLED BY: D. Reitz SAMPLE I.D.: MW-3

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/27/09 START (2400hr) 1225 END (2400hr) 1300

DATE SAMPLED 04/27/09 SAMPLE TIME (2400hr) 1240

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" x 3" ____ 4" ____ 5" ____ 6" ____ 8" ____ Other ____ ( )

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84)

DEPTH TO BOTTOM (feet) = 12.85 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 2.34

WATER COLUMN HEIGHT (feet) = 10.51 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (mL)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/27/09	1230	500	11.6	0.684	6.48	Clr
	1233	500	11.7	0.724	6.55	Clr
	1236	500	12.0	0.727	6.59	Clr
↓	1239	500	12.2	0.731	6.60	Clr
Calculated Variance of Final Three Samples:			0.5	0.007	0.05	
Acceptable Variance Limits:			≤10%	≤3%	≤0.1	

DRR 04/27/09

DEPTH TO PURGE INTAKE DURING PURGE: 10.00 SAMPLE DTW: 2.80

ANALYSES: TPH-G, TPH-D, TPH-O, BTEX by EPA 8260B

SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Peristaltic pump Water meter Horiba interface probe	Peristaltic pump

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair

WELL VAULT CONDITION: Fair SEAL PRESENT?: yes BOLTS PRESENT?: yes (3)

WELL INTEGRITY: Fair WELL TAG: yes AEK157 LOCK#: yes

REMARKS: ____

SIGNATURE: DRR

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.00964.41 PURGED BY: D. Reitz WELL I.D.: MW-2

CLIENT NAME: Conoco Phillips SAMPLED BY: D. Reitz SAMPLE I.D.: MW-2

LOCATION: 666 Griffin Ave. Enumclaw. WA.

DATE PURGED 04/27/09 START (2400hr) 1305 END (2400hr) 1345

DATE SAMPLED 04/27/09 SAMPLE TIME (2400hr) 1325

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X (0.64) 3" ____ (1.44) 4" ____ (2.45) 5" ____ (3.86) 6" ____ (5.68) 8" ____ (9.84) Other ____ ( )

Casing Volume: (liters per foot)

DEPTH TO BOTTOM (feet) = 15.50 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 1.60

WATER COLUMN HEIGHT (feet) = 13.90 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (mL)	TEMP. (degrees F)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/27/09	1315	800	12.6	0.371	6.68	cldy
	1319	500	12.7	0.363	6.70	clr
	1321	500	12.8	0.359	6.70	clr
	1324	500	12.8	0.357	6.71	clr

Calculated Variance of Final Three Samples: 0.1 0.006 0.01

Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 12.00 SAMPLE DTW: 2.05

ANALYSES: TPH-G, TPH-D, TPH-O, BTEX by EPA 8260B

SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Peristaltic pump Water meter Horiba interface probe	Peristaltic pump

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair

WELL VAULT CONDITION: Fair SEAL PRESENT?: yes BOLTS PRESENT?: yes (2)

WELL INTEGRITY: Fair WELL TAG: yes AEK156 LOCK#: yes

REMARKS: ____

SIGNATURE: [signature] 04/27/09

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.00964.41 PURGED BY: D. Reitz WELL I.D.: MW-4

CLIENT NAME: Conoco Phillips SAMPLED BY: D. Reitz SAMPLE I.D.: MW-4

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/27/09 START (2400hr) 1350 END (2400hr) 1425

DATE SAMPLED 04/27/09 SAMPLE TIME (2400hr) 1405

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" x (0.64) 3" ____ (1.44) 4" ____ (2.45) 5" ____ (3.86) 6" ____ (5.68) 8" ____ (9.84) Other ____ ( )

Casing Volume: (liters per foot)

DEPTH TO BOTTOM (feet) = 17.50 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 2.42

WATER COLUMN HEIGHT (feet) = 15.08 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/27/09	1355	500	11.8	0.594	6.53	Clr
	1358	500	11.7	0.588	6.54	Clr
	1401	500	11.7	0.584	6.56	Clr
	1404	500	11.6	0.583	6.58	Clr

04/27/09

Calculated Variance of Final Three Samples: 0.1 0.005 0.04

Acceptable Variance Limits: ≤10% ≤3% ≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 13.00 SAMPLE DTW: 3.00

ANALYSES: TPH-G, TPH-D, TPH-O, BTEX by EPA 8260B

SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Peristaltic pump Water meter Horiba interface probe	Peristaltic pump

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair

WELL VAULT CONDITION: Fair SEAL PRESENT?: yes BOLTS PRESENT?: yes

WELL INTEGRITY: Fair WELL TAG: yes AEK 159 LOCK#: yes

REMARKS: ____

SIGNATURE: ____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.00964.41 PURGED BY: D. Reitz WELL I.D.: MW-5

CLIENT NAME: Conoco Phillips SAMPLED BY: D. Reitz SAMPLE I.D.: MW-5

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/27/09 START (2400hr) 1440 END (2400hr) 1515

DATE SAMPLED 04/27/09 SAMPLE TIME (2400hr) 1455

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X (0.64) 3" ____ (1.44) 4" ____ (2.45) 5" ____ (3.86) 6" ____ (5.68) 8" ____ (9.84) Other ____ ( )

Casing Volume: (liters per foot)

DEPTH TO BOTTOM (feet) = 14.70 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 1.99

WATER COLUMN HEIGHT (feet) = 12.71 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (mL)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/27/09	1445	800	10.8	0.834	6.37	Clr
↓	1448	500	10.8	0.839	6.38	Clr
	1451	500	10.9	0.838	6.39	Clr
	1454	500	11.0	0.840	6.40	Clr

D. Reitz 04/27/09

	TEMP.	CONDUCTIVITY	pH
Calculated Variance of Final Three Samples:	0.2	0.002	0.02
Acceptable Variance Limits:	≤10%	≤3%	≤0.1

DEPTH TO PURGE INTAKE DURING PURGE: 12.00 SAMPLE DTW: 2.30

ANALYSES: TPH-G, TPH-D, TPH-O, BTEX by EPA 8260B

SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT:
Peristaltic pump
Water meter
Horiba interface probe

SAMPLING EQUIPMENT:
Peristaltic pump

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair

WELL VAULT CONDITION: Fair SEAL PRESENT?: yes BOLTS PRESENT?: yes

WELL INTEGRITY: Fair WELL TAG: yes AEK159 LOCK#: yes

REMARKS: ____

SIGNATURE: [signature]

Page 1 of 1

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: 01CP.00964.41 PURGED BY: D. Reitz WELL I.D.: MW-1

CLIENT NAME: Conoco Phillips SAMPLED BY: D. Reitz SAMPLE I.D.: MW-1

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/27/09 START (2400hr) 1530 END (2400hr) 1605

DATE SAMPLED — SAMPLE TIME (2400hr) 1545

SAMPLE TYPE: Groundwater x Surface Water ____ Treatment Effluent ____ Other ____

CASING DIAMETER: 2" X 3" ____ 4" ____ 5" ____ 6" ____ 8" ____ Other ____

Casing Volume: (liters per foot) (0.64) (1.44) (2.45) (3.86) (5.68) (9.84) ( )

DEPTH TO BOTTOM (feet) = 14.80 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 2.35

WATER COLUMN HEIGHT (feet) = 12.45 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (mL)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/27/09	1535	500	12.9	0.546	6.40	Clr.
	1538	500	13.0	0.524	6.35	Clr.
	1541	500	12.9	0.520	6.34	Clr.
	1544	500	13.0	0.511	6.33	Clr.
						04/27/09
Calculated Variance of Final Three Samples:			0.1	0.013	0.02	
Acceptable Variance Limits:			≤10%	≤3%	≤0.1	

DEPTH TO PURGE INTAKE DURING PURGE: 12.00 SAMPLE DTW: 2.50

ANALYSES: TPH-G, TPH-D, TPH-O, BTEX by EPA 8260B

SAMPLE VESSEL / PRESERVATIVE: ____

PURGING EQUIPMENT:	SAMPLING EQUIPMENT:
Peristaltic pump Water meter Horiba interface probe	Peristaltic pump

WELL PAD CONDITION: Fair WELL CASING CONDITION: Fair

WELL VAULT CONDITION: Fair SEAL PRESENT?: yes BOLTS PRESENT?: yes (2)

WELL INTEGRITY: Fair WELL TAG: yes AEL 155 LOCK#: yes

REMARKS: ____

SIGNATURE: [signature]

Chain Of Custody Record

Pace Analytical Laboratories
940 S. Harney Street, Seattle WA
(206) 767-5063

INVOICE REMITTANCE ADDRESS: ConocoPhillips

Purchase Order #:

ConocoPhillips AOC#: 00964

DATE: 04/30/09
PAGE: 1 of 1

SAMPLING COMPANY: Stantec	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 964	GLOBAL ID NO.:
ADDRESS: 12034 134th CT Redmond, WA		SITE ADDRESS (Street and City): 666 Griffin Avenue, Enumclaw, WA 98022	ConocoPhillips Manager: Jim Trotter
PROJECT CONTACT (Hardcopy or PDF Report to): Chris Gdak		EDF DELIVERABLE TO (RP or Designee):	PHONE NO.: / E-MAIL: / LAB USE ONLY
TELEPHONE: (425) 372-1662	FAX: (425) 372-1650	E-MAIL: chris.gdak@stantec.com	
SAMPLER NAME(S) (Print): Dave Reitz		CONSULTANT PROJECT NUMBER: 212301489	

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES:

CHECK BOX IF EDD IS NEEDED ☑

REQUESTED ANALYSES

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

* Field Point name only required if different from Sample ID

LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	NWTPH-Gx	NWTPH-Dx w/ silica gel cleanup	BTEX (8260 B)	MTBE (8260 B)	EDC (8260 B)	EDB by Method 8011	Total lead	Dissolved lead	TEMPERATURE ON RECEIPT C°
	MW-1	MW-1	04/27/09	1545	GW	13	X	X	X	X	X	X	X	X	
	MW-2	MW-2	"	1325	GW	13	X	X	X	X	X	X	X	X	
	MW-3	MW-3	"	1240	GW	13	X	X	X	X	X	X	X	X	
	MW-4	MW-4	"	1405	GW	13	X	X	X	X	X	X	X	X	
	MW-5	MW-5	"	1455	GW	13	X	X	X	X	X	X	X	X	
	MW-6	MW-6	"	1200	GW	13	X	X	X	X	X	X	X	X	
	MW-11	MW-11	"	1125	GW	13	X	X	X	X	X	X	X	X	
	---	TB	"			9	X		X	X	X	X			
	MW-7	MW-7	"	1015	GW	13	X	X	X	X	X	X	X	X	

Relinquished by: (Signature)	Received by: (Signature)	Date: 04/30/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature) JENNI GROSS/PACE	Date: 4/30/09	Time: 8:30
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

9/19/03 Revision

APPENDIX C
CERTIFIED LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

May 21, 2009

Chris Gdak
Stantec
12034 134th Ct NE, Suite 102
Redmond, WA 98052

RE: Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Dear Chris Gdak:
Enclosed are the analytical results for sample(s) received by the laboratory on April 30, 2009. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Gross

jennifer.gross@pacelabs.com
Project Manager

Enclosures

CERTIFICATIONS

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Washington Certification IDs
Washington Certification #: C1229
Oregon Certification #: WA200007
Florida/NELAP Certification #: E87617
Alaska CS Certification #: UST-025
Alaska Drinking Water Micro Certification #: WA01230
Alaska Drinking Water VOC Certification #: WA01-09
California Certification #: 01153CA

SAMPLE SUMMARY

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Lab ID	Sample ID	Matrix	Date Collected	Date Received
251068001	MW-1	Water	04/27/09 15:45	04/30/09 08:30
251068002	MW-2	Water	04/27/09 13:25	04/30/09 08:30
251068003	MW-3	Water	04/27/09 12:40	04/30/09 08:30
251068004	MW-4	Water	04/27/09 14:05	04/30/09 08:30
251068005	MW-5	Water	04/27/09 14:55	04/30/09 08:30
251068006	MW-6	Water	04/27/09 12:00	04/30/09 08:30
251068007	MW-11	Water	04/27/09 11:25	04/30/09 08:30
251068008	Trip Blank	Water	04/27/09 11:25	04/30/09 08:30
251068009	MW-7	Water	04/27/09 10:15	04/30/09 08:30

SAMPLE ANALYTE COUNT

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
251068001	MW-1	EPA 5030B/8260	ATH	10	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 8011	GR	2	PASI-S
		NWTPH-Dx	KRK	4	PASI-S
		NWTPH-Gx	JTA	3	PASI-S
251068002	MW-2	EPA 5030B/8260	ATH	10	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 8011	GR	2	PASI-S
		NWTPH-Dx	KRK	4	PASI-S
		NWTPH-Gx	JTA	3	PASI-S
251068003	MW-3	EPA 5030B/8260	ATH	10	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 8011	GR	2	PASI-S
		NWTPH-Dx	KRK	4	PASI-S
		NWTPH-Gx	JTA	3	PASI-S
251068004	MW-4	EPA 5030B/8260	ATH	10	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 8011	GR	2	PASI-S
		NWTPH-Dx	KRK	4	PASI-S
		NWTPH-Gx	JTA	3	PASI-S
251068005	MW-5	EPA 5030B/8260	ATH	10	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 8011	GR	2	PASI-S
		NWTPH-Dx	KRK	4	PASI-S
		NWTPH-Gx	JTA	3	PASI-S
251068006	MW-6	EPA 5030B/8260	ATH	10	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 8011	GR	2	PASI-S
		NWTPH-Dx	KRK	4	PASI-S
		NWTPH-Gx	JTA	3	PASI-S
251068007	MW-11	EPA 5030B/8260	ATH	10	PASI-S

SAMPLE ANALYTE COUNT

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6020	TMU	1	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 8011	GR	2	PASI-S
		NWTPH-Dx	KRK	4	PASI-S
		NWTPH-Gx	JTA	3	PASI-S
251068008	**Trip Blank**	EPA 5030B/8260	ATH	10	PASI-S
		EPA 8011	GR	2	PASI-S
		NWTPH-Gx	JTA	3	PASI-S
251068009	**MW-7**	EPA 5030B/8260	ATH	10	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 6020	TMU	1	PASI-S
		EPA 8011	GR	2	PASI-S
		NWTPH-Dx	KRK	4	PASI-S
		NWTPH-Gx	JTA	3	PASI-S

PROJECT NARRATIVE

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Method: EPA 8011
Description: 8011 GCS EDB and DBCP
Client: COP_Stantec Washington
Date: May 21, 2009

General Information:
9 samples were analyzed for EPA 8011. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 8011 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

PROJECT NARRATIVE

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Method: **NWTPH-Dx**
Description: NWTPH-Dx GCS
Client: COP_Stantec Washington
Date: May 21, 2009

General Information:
8 samples were analyzed for NWTPH-Dx. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3510 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

PROJECT NARRATIVE

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Method: NWTPH-Gx
Description: NWTPH-Gx GCV
Client: COP_Stantec Washington
Date: May 21, 2009

General Information:
9 samples were analyzed for NWTPH-Gx. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: GCV/1024

1n: Surrogates were not spiked due to analyst error. The sample was reanalyzed out of hold with in control surrogate recoveries. Because the concentration for gasoline range organics was identical to the original analysis, the results were reported from the original analysis.

- MW-1 (Lab ID: 251068001)
  - a,a,a-Trifluorotoluene (S)

PROJECT NARRATIVE

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Method: EPA 6020
Description: 6020 MET ICPMS
Client: COP_Stantec Washington
Date: May 21, 2009

General Information:
8 samples were analyzed for EPA 6020. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3020 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

PROJECT NARRATIVE

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Method: EPA 6020
Description: 6020 MET ICPMS, Dissolved (LF)
Client: COP_Stantec Washington
Date: May 21, 2009

General Information:
8 samples were analyzed for EPA 6020. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3020 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

PROJECT NARRATIVE

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Method: **EPA 5030B/8260**
Description: 8260 MSV
Client: COP_Stantec Washington
Date: May 21, 2009

General Information:
9 samples were analyzed for EPA 5030B/8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Sample: MW-1 **Lab ID: 251068001** Collected: 04/27/09 15:45 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	1	05/08/09 12:11	05/10/09 07:24	106-93-4	
4-Bromofluorobenzene (S)	103	%	70-130	1	05/08/09 12:11	05/10/09 07:24	460-00-4	
NWTPH-Dx GCS	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**0.18**	mg/L	0.083	1	05/05/09 11:40	05/06/09 17:52		
Motor Oil Range SG	**<0.42**	mg/L	0.42	1	05/05/09 11:40	05/06/09 17:52	64742-65-0	
n-Octacosane (S) SG	82	%	50-150	1	05/05/09 11:40	05/06/09 17:52	630-02-4	
o-Terphenyl (S) SG	74	%	50-150	1	05/05/09 11:40	05/06/09 17:52	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**1310**	ug/L	500	10		05/11/09 17:15		
a,a,a-Trifluorotoluene (S)	0	%	62-129	10		05/11/09 17:15	98-08-8	1n
4-Bromofluorobenzene (S)	0	%	61-121	10		05/11/09 17:15	460-00-4	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 13:08	7439-92-1	
6020 MET ICPMS, Dissolved (LF)	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead, Dissolved	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 11:43	7439-92-1	
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/09 00:02	107-06-2	
Benzene	**4.9**	ug/L	1.0	1		05/06/09 00:02	71-43-2	
Ethylbenzene	**2.2**	ug/L	1.0	1		05/06/09 00:02	100-41-4	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		05/06/09 00:02	1634-04-4	
Toluene	**4.9**	ug/L	1.0	1		05/06/09 00:02	108-88-3	
Xylene (Total)	**4.0**	ug/L	3.0	1		05/06/09 00:02	1330-20-7	
4-Bromofluorobenzene (S)	108	%	82-116	1		05/06/09 00:02	460-00-4	
Dibromofluoromethane (S)	109	%	86-115	1		05/06/09 00:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	77-121	1		05/06/09 00:02	17060-07-0	
Toluene-d8 (S)	112	%	85-117	1		05/06/09 00:02	2037-26-5	

Sample: MW-2 **Lab ID: 251068002** Collected: 04/27/09 13:25 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	1	05/08/09 12:11	05/10/09 07:24	106-93-4	
4-Bromofluorobenzene (S)	104	%	70-130	1	05/08/09 12:11	05/10/09 07:24	460-00-4	
NWTPH-Dx GCS	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**0.40**	mg/L	0.084	1	05/05/09 11:40	05/06/09 18:11		
Motor Oil Range SG	**<0.42**	mg/L	0.42	1	05/05/09 11:40	05/06/09 18:11	64742-65-0	
n-Octacosane (S) SG	77	%	50-150	1	05/05/09 11:40	05/06/09 18:11	630-02-4	
o-Terphenyl (S) SG	70	%	50-150	1	05/05/09 11:40	05/06/09 18:11	84-15-1	

ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Sample: MW-2 **Lab ID: 251068002** Collected: 04/27/09 13:25 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**973**	ug/L	50.0	1		05/09/09 05:33		
a,a,a-Trifluorotoluene (S)	79	%	62-129	1		05/09/09 05:33	98-08-8	
4-Bromofluorobenzene (S)	95	%	61-121	1		05/09/09 05:33	460-00-4	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead	**2.9**	ug/L	1.0	1	05/06/09 09:00	05/08/09 13:11	7439-92-1	
6020 MET ICPMS, Dissolved (LF)	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead, Dissolved	**1.3**	ug/L	1.0	1	05/06/09 09:00	05/08/09 11:46	7439-92-1	
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/09 00:26	107-06-2	
Benzene	**2.8**	ug/L	1.0	1		05/06/09 00:26	71-43-2	
Ethylbenzene	**<1.0**	ug/L	1.0	1		05/06/09 00:26	100-41-4	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		05/06/09 00:26	1634-04-4	
Toluene	**2.1**	ug/L	1.0	1		05/06/09 00:26	108-88-3	
Xylene (Total)	**<3.0**	ug/L	3.0	1		05/06/09 00:26	1330-20-7	
4-Bromofluorobenzene (S)	105	%	82-116	1		05/06/09 00:26	460-00-4	
Dibromofluoromethane (S)	109	%	86-115	1		05/06/09 00:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	77-121	1		05/06/09 00:26	17060-07-0	
Toluene-d8 (S)	116	%	85-117	1		05/06/09 00:26	2037-26-5	

Sample: MW-3 **Lab ID: 251068003** Collected: 04/27/09 12:40 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	1	05/08/09 12:11	05/10/09 07:24	106-93-4	
4-Bromofluorobenzene (S)	104	%	70-130	1	05/08/09 12:11	05/10/09 07:24	460-00-4	
NWTPH-Dx GCS	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**<0.084**	mg/L	0.084	1	05/05/09 11:40	05/06/09 18:30		
Motor Oil Range SG	**<0.42**	mg/L	0.42	1	05/05/09 11:40	05/06/09 18:30	64742-65-0	
n-Octacosane (S) SG	82	%	50-150	1	05/05/09 11:40	05/06/09 18:30	630-02-4	
o-Terphenyl (S) SG	74	%	50-150	1	05/05/09 11:40	05/06/09 18:30	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**972**	ug/L	50.0	1		05/09/09 06:04		
a,a,a-Trifluorotoluene (S)	77	%	62-129	1		05/09/09 06:04	98-08-8	
4-Bromofluorobenzene (S)	92	%	61-121	1		05/09/09 06:04	460-00-4	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 13:20	7439-92-1	

ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Sample: MW-3 **Lab ID: 251068003** Collected: 04/27/09 12:40 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6020 MET ICPMS, Dissolved (LF)	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead, Dissolved	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 11:49	7439-92-1	
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/09 00:49	107-06-2	
Benzene	**607**	ug/L	5.0	5		05/06/09 13:28	71-43-2	
Ethylbenzene	**<1.0**	ug/L	1.0	1		05/06/09 00:49	100-41-4	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		05/06/09 00:49	1634-04-4	
Toluene	**31.5**	ug/L	1.0	1		05/06/09 00:49	108-88-3	
Xylene (Total)	**3.3**	ug/L	3.0	1		05/06/09 00:49	1330-20-7	
4-Bromofluorobenzene (S)	112	%	82-116	1		05/06/09 00:49	460-00-4	
Dibromofluoromethane (S)	105	%	86-115	1		05/06/09 00:49	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	77-121	1		05/06/09 00:49	17060-07-0	
Toluene-d8 (S)	114	%	85-117	1		05/06/09 00:49	2037-26-5	

Sample: MW-4 **Lab ID: 251068004** Collected: 04/27/09 14:05 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	1	05/08/09 12:11	05/10/09 07:24	106-93-4	
4-Bromofluorobenzene (S)	103	%	70-130	1	05/08/09 12:11	05/10/09 07:24	460-00-4	
NWTPH-Dx GCS	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**0.35**	mg/L	0.085	1	05/05/09 11:40	05/06/09 18:49		
Motor Oil Range SG	**<0.43**	mg/L	0.43	1	05/05/09 11:40	05/06/09 18:49	64742-65-0	
n-Octacosane (S) SG	76	%	50-150	1	05/05/09 11:40	05/06/09 18:49	630-02-4	
o-Terphenyl (S) SG	67	%	50-150	1	05/05/09 11:40	05/06/09 18:49	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**1590**	ug/L	50.0	1		05/09/09 06:35		
a,a,a-Trifluorotoluene (S)	89	%	62-129	1		05/09/09 06:35	98-08-8	
4-Bromofluorobenzene (S)	96	%	61-121	1		05/09/09 06:35	460-00-4	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 13:23	7439-92-1	
6020 MET ICPMS, Dissolved (LF)	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead, Dissolved	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 11:52	7439-92-1	
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/09 01:13	107-06-2	
Benzene	**3.0**	ug/L	1.0	1		05/06/09 01:13	71-43-2	
Ethylbenzene	**2.7**	ug/L	1.0	1		05/06/09 01:13	100-41-4	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		05/06/09 01:13	1634-04-4	
Toluene	**1.4**	ug/L	1.0	1		05/06/09 01:13	108-88-3	

ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Sample: MW-4 **Lab ID: 251068004** Collected: 04/27/09 14:05 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Xylene (Total)	**<3.0**	ug/L	3.0	1		05/06/09 01:13	1330-20-7	
4-Bromofluorobenzene (S)	109	%	82-116	1		05/06/09 01:13	460-00-4	
Dibromofluoromethane (S)	108	%	86-115	1		05/06/09 01:13	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	77-121	1		05/06/09 01:13	17060-07-0	
Toluene-d8 (S)	114	%	85-117	1		05/06/09 01:13	2037-26-5	

Sample: MW-5 **Lab ID: 251068005** Collected: 04/27/09 14:55 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	1	05/08/09 12:11	05/10/09 07:24	106-93-4	
4-Bromofluorobenzene (S)	105	%	70-130	1	05/08/09 12:11	05/10/09 07:24	460-00-4	
NWTPH-Dx GCS	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**0.098**	mg/L	0.083	1	05/05/09 11:40	05/06/09 19:09		
Motor Oil Range SG	**<0.42**	mg/L	0.42	1	05/05/09 11:40	05/06/09 19:09	64742-65-0	
n-Octacosane (S) SG	73	%	50-150	1	05/05/09 11:40	05/06/09 19:09	630-02-4	
o-Terphenyl (S) SG	66	%	50-150	1	05/05/09 11:40	05/06/09 19:09	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**381**	ug/L	50.0	1		05/09/09 07:07		
a,a,a-Trifluorotoluene (S)	83	%	62-129	1		05/09/09 07:07	98-08-8	
4-Bromofluorobenzene (S)	93	%	61-121	1		05/09/09 07:07	460-00-4	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 13:26	7439-92-1	
6020 MET ICPMS, Dissolved (LF)	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead, Dissolved	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 11:56	7439-92-1	
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/09 01:36	107-06-2	
Benzene	**46.7**	ug/L	1.0	1		05/06/09 01:36	71-43-2	
Ethylbenzene	**9.2**	ug/L	1.0	1		05/06/09 01:36	100-41-4	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		05/06/09 01:36	1634-04-4	
Toluene	**29.4**	ug/L	1.0	1		05/06/09 01:36	108-88-3	
Xylene (Total)	**39.7**	ug/L	3.0	1		05/06/09 01:36	1330-20-7	
4-Bromofluorobenzene (S)	104	%	82-116	1		05/06/09 01:36	460-00-4	
Dibromofluoromethane (S)	110	%	86-115	1		05/06/09 01:36	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	77-121	1		05/06/09 01:36	17060-07-0	
Toluene-d8 (S)	114	%	85-117	1		05/06/09 01:36	2037-26-5	

ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Sample: MW-6 **Lab ID: 251068006** Collected: 04/27/09 12:00 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	1	05/08/09 12:11	05/10/09 07:24	106-93-4	
4-Bromofluorobenzene (S)	103	%	70-130	1	05/08/09 12:11	05/10/09 07:24	460-00-4	
NWTPH-Dx GCS	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**<0.085**	mg/L	0.085	1	05/05/09 11:40	05/06/09 19:28		
Motor Oil Range SG	**<0.43**	mg/L	0.43	1	05/05/09 11:40	05/06/09 19:28	64742-65-0	
n-Octacosane (S) SG	79	%	50-150	1	05/05/09 11:40	05/06/09 19:28	630-02-4	
o-Terphenyl (S) SG	68	%	50-150	1	05/05/09 11:40	05/06/09 19:28	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**568**	ug/L	50.0	1		05/09/09 08:41		
a,a,a-Trifluorotoluene (S)	85	%	62-129	1		05/09/09 08:41	98-08-8	
4-Bromofluorobenzene (S)	97	%	61-121	1		05/09/09 08:41	460-00-4	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 13:29	7439-92-1	
6020 MET ICPMS, Dissolved (LF)	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead, Dissolved	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 12:04	7439-92-1	
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/09 02:00	107-06-2	
Benzene	**<1.0**	ug/L	1.0	1		05/06/09 02:00	71-43-2	
Ethylbenzene	**<1.0**	ug/L	1.0	1		05/06/09 02:00	100-41-4	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		05/06/09 02:00	1634-04-4	
Toluene	**1.5**	ug/L	1.0	1		05/06/09 02:00	108-88-3	
Xylene (Total)	**<3.0**	ug/L	3.0	1		05/06/09 02:00	1330-20-7	
4-Bromofluorobenzene (S)	110	%	82-116	1		05/06/09 02:00	460-00-4	
Dibromofluoromethane (S)	103	%	86-115	1		05/06/09 02:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	100	%	77-121	1		05/06/09 02:00	17060-07-0	
Toluene-d8 (S)	116	%	85-117	1		05/06/09 02:00	2037-26-5	

Sample: MW-11 **Lab ID: 251068007** Collected: 04/27/09 11:25 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	1	05/08/09 12:11	05/10/09 07:24	106-93-4	
4-Bromofluorobenzene (S)	109	%	70-130	1	05/08/09 12:11	05/10/09 07:24	460-00-4	
NWTPH-Dx GCS	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**<0.084**	mg/L	0.084	1	05/05/09 11:40	05/06/09 19:47		
Motor Oil Range SG	**<0.42**	mg/L	0.42	1	05/05/09 11:40	05/06/09 19:47	64742-65-0	
n-Octacosane (S) SG	77	%	50-150	1	05/05/09 11:40	05/06/09 19:47	630-02-4	
o-Terphenyl (S) SG	63	%	50-150	1	05/05/09 11:40	05/06/09 19:47	84-15-1	

ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Sample: MW-11 **Lab ID: 251068007** Collected: 04/27/09 11:25 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**<50.0**	ug/L	50.0	1		05/09/09 15:31		
a,a,a-Trifluorotoluene (S)	83	%	62-129	1		05/09/09 15:31	98-08-8	
4-Bromofluorobenzene (S)	92	%	61-121	1		05/09/09 15:31	460-00-4	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 13:33	7439-92-1	
6020 MET ICPMS, Dissolved (LF)	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead, Dissolved	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 12:07	7439-92-1	
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/09 02:24	107-06-2	
Benzene	**<1.0**	ug/L	1.0	1		05/06/09 02:24	71-43-2	
Ethylbenzene	**<1.0**	ug/L	1.0	1		05/06/09 02:24	100-41-4	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		05/06/09 02:24	1634-04-4	
Toluene	**<1.0**	ug/L	1.0	1		05/06/09 02:24	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		05/06/09 02:24	1330-20-7	
4-Bromofluorobenzene (S)	108	%	82-116	1		05/06/09 02:24	460-00-4	
Dibromofluoromethane (S)	109	%	86-115	1		05/06/09 02:24	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	77-121	1		05/06/09 02:24	17060-07-0	
Toluene-d8 (S)	114	%	85-117	1		05/06/09 02:24	2037-26-5	

Sample: Trip Blank **Lab ID: 251068008** Collected: 04/27/09 11:25 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	1	05/08/09 12:11	05/10/09 07:24	106-93-4	
4-Bromofluorobenzene (S)	101	%	70-130	1	05/08/09 12:11	05/10/09 07:24	460-00-4	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**<50.0**	ug/L	50.0	1		05/09/09 16:02		
a,a,a-Trifluorotoluene (S)	77	%	62-129	1		05/09/09 16:02	98-08-8	
4-Bromofluorobenzene (S)	88	%	61-121	1		05/09/09 16:02	460-00-4	
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		05/05/09 20:29	107-06-2	
Benzene	**<1.0**	ug/L	1.0	1		05/05/09 20:29	71-43-2	
Ethylbenzene	**<1.0**	ug/L	1.0	1		05/05/09 20:29	100-41-4	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		05/05/09 20:29	1634-04-4	
Toluene	**<1.0**	ug/L	1.0	1		05/05/09 20:29	108-88-3	
Xylene (Total)	**<3.0**	ug/L	3.0	1		05/05/09 20:29	1330-20-7	
4-Bromofluorobenzene (S)	106	%	82-116	1		05/05/09 20:29	460-00-4	
Dibromofluoromethane (S)	107	%	86-115	1		05/05/09 20:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	77-121	1		05/05/09 20:29	17060-07-0	

ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Sample: Trip Blank **Lab ID: 251068008** Collected: 04/27/09 11:25 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 5030B/8260							
Toluene-d8 (S)	114	%	85-117	1		05/05/09 20:29	2037-26-5	

Sample: MW-7 **Lab ID: 251068009** Collected: 04/27/09 10:15 Received: 04/30/09 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8011 GCS EDB and DBCP	Analytical Method: EPA 8011 Preparation Method: EPA 8011							
1,2-Dibromoethane (EDB)	**<0.010**	ug/L	0.010	1	05/08/09 12:11	05/10/09 07:24	106-93-4	
4-Bromofluorobenzene (S)	103	%	70-130	1	05/08/09 12:11	05/10/09 07:24	460-00-4	
NWTPH-Dx GCS	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**<0.084**	mg/L	0.084	1	05/05/09 11:40	05/06/09 20:25		
Motor Oil Range SG	**<0.42**	mg/L	0.42	1	05/05/09 11:40	05/06/09 20:25	64742-65-0	
n-Octacosane (S) SG	82	%	50-150	1	05/05/09 11:40	05/06/09 20:25	630-02-4	
o-Terphenyl (S) SG	72	%	50-150	1	05/05/09 11:40	05/06/09 20:25	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**<50.0**	ug/L	50.0	1		05/09/09 16:33		
a,a,a-Trifluorotoluene (S)	78	%	62-129	1		05/09/09 16:33	98-08-8	
4-Bromofluorobenzene (S)	87	%	61-121	1		05/09/09 16:33	460-00-4	
6020 MET ICPMS	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 13:36	7439-92-1	
6020 MET ICPMS, Dissolved (LF)	Analytical Method: EPA 6020 Preparation Method: EPA 3020							
Lead, Dissolved	**<1.0**	ug/L	1.0	1	05/06/09 09:00	05/08/09 12:10	7439-92-1	
8260 MSV	Analytical Method: EPA 5030B/8260							
1,2-Dichloroethane	**<1.0**	ug/L	1.0	1		05/06/09 16:19	107-06-2	
Benzene	**<1.0**	ug/L	1.0	1		05/06/09 16:19	71-43-2	
Ethylbenzene	**<1.0**	ug/L	1.0	1		05/06/09 16:19	100-41-4	
Methyl-tert-butyl ether	**<1.0**	ug/L	1.0	1		05/06/09 16:19	1634-04-4	
Toluene	**<1.0**	ug/L	1.0	1		05/06/09 16:19	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		05/06/09 16:19	1330-20-7	
4-Bromofluorobenzene (S)	105	%	82-116	1		05/06/09 16:19	460-00-4	
Dibromofluoromethane (S)	112	%	86-115	1		05/06/09 16:19	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	77-121	1		05/06/09 16:19	17060-07-0	
Toluene-d8 (S)	115	%	85-117	1		05/06/09 16:19	2037-26-5	

QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

QC Batch: MSV/1032
QC Batch Method: EPA 5030B/8260
Analysis Method: EPA 5030B/8260
Analysis Description: 8260 MSV Water 7 day
Associated Lab Samples: 251068009

METHOD BLANK: 895 Matrix: Water
Associated Lab Samples: 251068009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	<1.0	1.0	05/06/09 11:27	
Benzene	ug/L	<1.0	1.0	05/06/09 11:27	
Ethylbenzene	ug/L	<1.0	1.0	05/06/09 11:27	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	05/06/09 11:27	
Toluene	ug/L	<1.0	1.0	05/06/09 11:27	
Xylene (Total)	ug/L	ND	3.0	05/06/09 11:27	
1,2-Dichloroethane-d4 (S)	%	109	77-121	05/06/09 11:27	
4-Bromofluorobenzene (S)	%	106	82-116	05/06/09 11:27	
Dibromofluoromethane (S)	%	112	86-115	05/06/09 11:27	
Toluene-d8 (S)	%	113	85-117	05/06/09 11:27	

LABORATORY CONTROL SAMPLE & LCSD: 896 897

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	10	11.0	10.1	110	101	73-127	9	30	
Benzene	ug/L	10	10.3	9.9	103	99	75-124	4	30	
Ethylbenzene	ug/L	10	10.8	10.2	108	102	76-124	5	30	
Methyl-tert-butyl ether	ug/L	10	7.9	7.7	79	77	72-130	2	30	
Toluene	ug/L	10	11.4	11.0	114	110	75-124	4	30	
Xylene (Total)	ug/L	30	32.1	30.7	107	102	76-123	4	30	
1,2-Dichloroethane-d4 (S)	%				108	108	77-121			
4-Bromofluorobenzene (S)	%				110	107	82-116			
Dibromofluoromethane (S)	%				111	110	86-115			
Toluene-d8 (S)	%				114	116	85-117			

QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

QC Batch: MSV/1022 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 7 day
Associated Lab Samples: 251068001, 251068002, 251068003, 251068004, 251068005, 251068006, 251068007, 251068008

METHOD BLANK: 534 Matrix: Water
Associated Lab Samples: 251068001, 251068002, 251068003, 251068004, 251068005, 251068006, 251068007, 251068008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dichloroethane	ug/L	<1.0	1.0	05/05/09 18:54	
Benzene	ug/L	<1.0	1.0	05/05/09 18:54	
Ethylbenzene	ug/L	<1.0	1.0	05/05/09 18:54	
Methyl-tert-butyl ether	ug/L	<1.0	1.0	05/05/09 18:54	
Toluene	ug/L	<1.0	1.0	05/05/09 18:54	
Xylene (Total)	ug/L	<3.0	3.0	05/05/09 18:54	
1,2-Dichloroethane-d4 (S)	%	111	77-121	05/05/09 18:54	
4-Bromofluorobenzene (S)	%	106	82-116	05/05/09 18:54	
Dibromofluoromethane (S)	%	113	86-115	05/05/09 18:54	
Toluene-d8 (S)	%	114	85-117	05/05/09 18:54	

LABORATORY CONTROL SAMPLE & LCSD: 535 536

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2-Dichloroethane	ug/L	10	9.7	10.0	97	100	73-127	3	30	
Benzene	ug/L	10	9.6	9.4	96	94	75-124	2	30	
Ethylbenzene	ug/L	10	9.8	9.7	98	97	76-124	0	30	
Methyl-tert-butyl ether	ug/L	10	7.2	7.6	72	76	72-130	4	30	
Toluene	ug/L	10	10.3	10.3	103	103	75-124	0	30	
Xylene (Total)	ug/L	30	29.3	29.3	98	98	76-123	0	30	
1,2-Dichloroethane-d4 (S)	%				107	107	77-121			
4-Bromofluorobenzene (S)	%				107	106	82-116			
Dibromofluoromethane (S)	%				110	111	86-115			
Toluene-d8 (S)	%				111	114	85-117			

QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

QC Batch: OEXT/1047 Analysis Method: EPA 8011
QC Batch Method: EPA 8011 Analysis Description: GCS 8011 EDB DBCP
Associated Lab Samples: 251068001, 251068002, 251068003, 251068004, 251068005, 251068006, 251068007, 251068008, 251068009

METHOD BLANK: 1277 Matrix: Water
Associated Lab Samples: 251068001, 251068002, 251068003, 251068004, 251068005, 251068006, 251068007, 251068008, 251068009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	<0.010	0.010	05/10/09 07:24	
4-Bromofluorobenzene (S)	%	102	70-130	05/10/09 07:24	

LABORATORY CONTROL SAMPLE: 1278

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	.17	0.17	100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 1280

Parameter	Units	251068001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	<0.010	.17	0.17	98	70-130	
4-Bromofluorobenzene (S)	%				102	70-130	

SAMPLE DUPLICATE: 1279

Parameter	Units	251068001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	<0.010	<0.010		20	
4-Bromofluorobenzene (S)	%		101	1		

REPORT OF LABORATORY ANALYSIS

QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

QC Batch: OEXT/1020 Analysis Method: NWTPH-Dx
QC Batch Method: EPA 3510 Analysis Description: NWTPH-Dx GCS
Associated Lab Samples: 251068001, 251068002, 251068003, 251068004, 251068005, 251068006, 251068007, 251068009

METHOD BLANK: 644 Matrix: Water
Associated Lab Samples: 251068001, 251068002, 251068003, 251068004, 251068005, 251068006, 251068007, 251068009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	mg/L	<0.080	0.080	05/06/09 16:55	
Motor Oil Range SG	mg/L	<0.40	0.40	05/06/09 16:55	
n-Octacosane (S) SG	%	69	50-150	05/06/09 16:55	
o-Terphenyl (S) SG	%	61	50-150	05/06/09 16:55	

LABORATORY CONTROL SAMPLE & LCSD: 645 646

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range SG	mg/L	5	3.6	3.4	73	68	51-147	7	30	
Motor Oil Range SG	mg/L	5	4.4	4.2	89	83	20-160	6	30	
n-Octacosane (S) SG	%				82	74	50-150			
o-Terphenyl (S) SG	%				75	68	50-150			

QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

QC Batch: MPRP/1013 Analysis Method: EPA 6020
QC Batch Method: EPA 3020 Analysis Description: 6020 MET
Associated Lab Samples: 251068001, 251068002, 251068003, 251068004, 251068005, 251068006, 251068007, 251068009

METHOD BLANK: 843 Matrix: Water
Associated Lab Samples: 251068001, 251068002, 251068003, 251068004, 251068005, 251068006, 251068007, 251068009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	ug/L	<1.0	1.0	05/13/09 15:51	

LABORATORY CONTROL SAMPLE: 844

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	ug/L	50	55.1	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 845 846

Parameter	Units	251066001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	ug/L	ND	50	50	51.3	51.3	102	102	75-125	0	20	

QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

QC Batch: GCV/1024
QC Batch Method: NWTPH-Gx
Analysis Method: NWTPH-Gx
Analysis Description: NWTPH-Gx GCV Water
Associated Lab Samples: 251068001

METHOD BLANK: 1411 Matrix: Water
Associated Lab Samples: 251068001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	<50.0	50.0	05/11/09 14:21	
4-Bromofluorobenzene (S)	%	99	50-150	05/11/09 14:21	
a,a,a-Trifluorotoluene (S)	%	96	50-150	05/11/09 14:21	

LABORATORY CONTROL SAMPLE: 1412

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	250	239	96	50-163	
4-Bromofluorobenzene (S)	%			100	50-150	
a,a,a-Trifluorotoluene (S)	%			94	50-150	

MATRIX SPIKE SAMPLE: 1413

Parameter	Units	251078002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	164	250	537	149	50-163	
4-Bromofluorobenzene (S)	%				97	50-150	
a,a,a-Trifluorotoluene (S)	%				87	50-150	

SAMPLE DUPLICATE: 1415

Parameter	Units	251078001 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	ug/L	ND	<50.0		30	
4-Bromofluorobenzene (S)	%	92	93	1		
a,a,a-Trifluorotoluene (S)	%	85	85	0		

QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

QC Batch: GCV/1021 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx GCV Water
Associated Lab Samples: 251068002, 251068003, 251068004, 251068005, 251068006

METHOD BLANK: 1296 Matrix: Water
Associated Lab Samples: 251068002, 251068003, 251068004, 251068005, 251068006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	<50.0	50.0	05/08/09 21:10	
4-Bromofluorobenzene (S)	%	99	50-150	05/08/09 21:10	
a,a,a-Trifluorotoluene (S)	%	96	50-150	05/08/09 21:10	

LABORATORY CONTROL SAMPLE: 1297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	250	320	128	50-163	
4-Bromofluorobenzene (S)	%			99	50-150	
a,a,a-Trifluorotoluene (S)	%			96	50-150	

MATRIX SPIKE SAMPLE: 1298

Parameter	Units	251066005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L		250	393	112	50-163	
4-Bromofluorobenzene (S)	%				94	50-150	
a,a,a-Trifluorotoluene (S)	%				87	50-150	

SAMPLE DUPLICATE: 1300

Parameter	Units	251066003 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	ug/L		<50.0		30	
4-Bromofluorobenzene (S)	%	91	92	5		
a,a,a-Trifluorotoluene (S)	%	86	86	5		

QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

QC Batch: MPRP/1012 Analysis Method: EPA 6020
QC Batch Method: EPA 3020 Analysis Description: 6020 MET Dissolved
Associated Lab Samples: 251068001, 251068002, 251068003, 251068004, 251068005, 251068006, 251068007, 251068009

METHOD BLANK: 833 Matrix: Water
Associated Lab Samples: 251068001, 251068002, 251068003, 251068004, 251068005, 251068006, 251068007, 251068009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead, Dissolved	ug/L	<1.0	1.0	05/08/09 10:48	

LABORATORY CONTROL SAMPLE: 834

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead, Dissolved	ug/L	50	53.1	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 835 836

Parameter	Units	251066001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead, Dissolved	ug/L	ND	50	50	53.3	53.9	105	106	75-125	1	20	

QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

QC Batch: GCV/1022 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx GCV Water
Associated Lab Samples: 251068007, 251068008, 251068009

METHOD BLANK: 1301 Matrix: Water
Associated Lab Samples: 251068007, 251068008, 251068009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	<50.0	50.0	05/09/09 14:28	
4-Bromofluorobenzene (S)	%	94	50-150	05/09/09 14:28	
a,a,a-Trifluorotoluene (S)	%	89	50-150	05/09/09 14:28	

LABORATORY CONTROL SAMPLE: 1302

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	250	324	130	50-163	
4-Bromofluorobenzene (S)	%			100	50-150	
a,a,a-Trifluorotoluene (S)	%			95	50-150	

MATRIX SPIKE SAMPLE: 1303

Parameter	Units	251076006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
4-Bromofluorobenzene (S)	%				97	50-150	
a,a,a-Trifluorotoluene (S)	%				90	50-150	

SAMPLE DUPLICATE: 1305

Parameter	Units	251076005 Result	Dup Result	RPD	Max RPD	Qualifiers
Gasoline Range Organics	ug/L	ND	<50.0		30	
4-Bromofluorobenzene (S)	%	92	91	1		
a,a,a-Trifluorotoluene (S)	%	85	82	3		

QUALIFIERS

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-S Pace Analytical Services - Seattle

ANALYTE QUALIFIERS

1n Surrogates were not spiked due to analyst error. The sample was reanalyzed out of hold with in control surrogate recoveries. Because the concentration for gasoline range organics was identical to the original analysis, the results were reported from the original analysis.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
251068001	MW-1	EPA 5030B/8260	MSV/1022		
251068002	MW-2	EPA 5030B/8260	MSV/1022		
251068003	MW-3	EPA 5030B/8260	MSV/1022		
251068004	MW-4	EPA 5030B/8260	MSV/1022		
251068005	MW-5	EPA 5030B/8260	MSV/1022		
251068006	MW-6	EPA 5030B/8260	MSV/1022		
251068007	MW-11	EPA 5030B/8260	MSV/1022		
251068008	Trip Blank	EPA 5030B/8260	MSV/1022		
251068001	MW-1	EPA 3510	OEXT/1020	NWTPH-Dx	GCSV/1016
251068002	MW-2	EPA 3510	OEXT/1020	NWTPH-Dx	GCSV/1016
251068003	MW-3	EPA 3510	OEXT/1020	NWTPH-Dx	GCSV/1016
251068004	MW-4	EPA 3510	OEXT/1020	NWTPH-Dx	GCSV/1016
251068005	MW-5	EPA 3510	OEXT/1020	NWTPH-Dx	GCSV/1016
251068006	MW-6	EPA 3510	OEXT/1020	NWTPH-Dx	GCSV/1016
251068007	MW-11	EPA 3510	OEXT/1020	NWTPH-Dx	GCSV/1016
251068009	MW-7	EPA 3510	OEXT/1020	NWTPH-Dx	GCSV/1016
251068001	MW-1	EPA 3020	MPRP/1012	EPA 6020	ICPM/1007
251068002	MW-2	EPA 3020	MPRP/1012	EPA 6020	ICPM/1007
251068003	MW-3	EPA 3020	MPRP/1012	EPA 6020	ICPM/1007
251068004	MW-4	EPA 3020	MPRP/1012	EPA 6020	ICPM/1007
251068005	MW-5	EPA 3020	MPRP/1012	EPA 6020	ICPM/1007
251068006	MW-6	EPA 3020	MPRP/1012	EPA 6020	ICPM/1007
251068007	MW-11	EPA 3020	MPRP/1012	EPA 6020	ICPM/1007
251068009	MW-7	EPA 3020	MPRP/1012	EPA 6020	ICPM/1007
251068001	MW-1	EPA 3020	MPRP/1013	EPA 6020	ICPM/1008
251068002	MW-2	EPA 3020	MPRP/1013	EPA 6020	ICPM/1008
251068003	MW-3	EPA 3020	MPRP/1013	EPA 6020	ICPM/1008
251068004	MW-4	EPA 3020	MPRP/1013	EPA 6020	ICPM/1008
251068005	MW-5	EPA 3020	MPRP/1013	EPA 6020	ICPM/1008
251068006	MW-6	EPA 3020	MPRP/1013	EPA 6020	ICPM/1008
251068007	MW-11	EPA 3020	MPRP/1013	EPA 6020	ICPM/1008
251068009	MW-7	EPA 3020	MPRP/1013	EPA 6020	ICPM/1008
251068009	MW-7	EPA 5030B/8260	MSV/1032		
251068001	MW-1	EPA 8011	OEXT/1047	EPA 8011	GCSV/1027
251068002	MW-2	EPA 8011	OEXT/1047	EPA 8011	GCSV/1027
251068003	MW-3	EPA 8011	OEXT/1047	EPA 8011	GCSV/1027
251068004	MW-4	EPA 8011	OEXT/1047	EPA 8011	GCSV/1027
251068005	MW-5	EPA 8011	OEXT/1047	EPA 8011	GCSV/1027
251068006	MW-6	EPA 8011	OEXT/1047	EPA 8011	GCSV/1027
251068007	MW-11	EPA 8011	OEXT/1047	EPA 8011	GCSV/1027
251068008	Trip Blank	EPA 8011	OEXT/1047	EPA 8011	GCSV/1027
251068009	MW-7	EPA 8011	OEXT/1047	EPA 8011	GCSV/1027
251068002	MW-2	NWTPH-Gx	GCV/1021		
251068003	MW-3	NWTPH-Gx	GCV/1021		
251068004	MW-4	NWTPH-Gx	GCV/1021		
251068005	MW-5	NWTPH-Gx	GCV/1021		

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 00964 - 666 Griffin Ave.
Pace Project No.: 251068

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
251068006	**MW-6**	NWTPH-Gx	GCV/1021		
251068007	**MW-11**	NWTPH-Gx	GCV/1022		
251068008	**Trip Blank**	NWTPH-Gx	GCV/1022		
251068009	**MW-7**	NWTPH-Gx	GCV/1022		
251068001	**MW-1**	NWTPH-Gx	GCV/1024		

WO#: 251060

Chain Of Custody Record

Pace Analytical Laboratories
940 S. Harney Street, Seattle WA
(206) 767-5063

INVOICE REMITTANCE ADDRESS: ConocoPhillips

Purchase Order #:

ConocoPhillips AOC#: 00964

DATE: 04/30/09
PAGE: 1 of 1

SAMPLING COMPANY: Stantec	Valid Value ID:
ADDRESS: 12034 134th CT Redmond, WA	
PROJECT CONTACT (Hardcopy or PDF Report to): Chris Gdak	
TELEPHONE: (425) 372-1662	FAX: (425) 372-1650
E-MAIL: chris.gdak@stantec.com	
SAMPLER NAME(S) (Print): Dave Reitz	CONSULTANT PROJECT NUMBER: 212301489
CONOCOPHILLIPS SITE NUMBER: 964	GLOBAL ID NO.:
SITE ADDRESS (Street and City): 666 Griffin Avenue, Enumclaw, WA 98022	ConocoPhillips Manager: Jim Trotter
EDF DELIVERABLE TO (RP or Designee):	PHONE NO.:
E-MAIL:	LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

REQUESTED ANALYSES

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

	LAB USE ONLY	Field Point Name	Sample ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	NWTPH-Gx	NWTPH-Dx w/ silica gel cleanup	BTEX (8260 B)	MTBE (8260 B)	EDC (8260 B)	EDB by Method 8011	Total lead	Dissolved lead						
1		MW-1	MW-1	04/27/09	1154	GW	13	X	X	X	X	X	X	X	X						
2		MW-2	MW-2	"	1325	GW	13	X	X	X	X	X	X	X	X						
3		MW-3	MW-3	"	1240	GW	13	X	X	X	X	X	X	X	X						
4		MW-4	MW-4	"	1405	GW	13	X	X	X	X	X	X	X	X						
5		MW-5	MW-5	"	1455	GW	13	X	X	X	X	X	X	X	X						
6		MW-6	MW-6	"	1200	GW	13	X	X	X	X	X	X	X	X						
7		MW-11	MW-11	"	1125	GW	13	X	X	X	X	X	X	X	X						
8		—	TB	"			9	X		X	X	X	X								
9		MW-7	MW-7	"	1015	GW	13	X	X	X	X	X	X	X	X						

* Field Point name only required if different from Sample ID.

Relinquished by: (Signature)	Received by: (Signature)	Date: 04/30/09	Time: 0830
Relinquished by: (Signature)	Received by: (Signature) JENNI GROSS/PACE	Date: 4/30/09	Time: 8:30
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

2191 Revision

Sample Condition Upon Receipt

Pace Analytical

Client Name: Stantec (COP) Project # 251068

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals Intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used: Horiba 132013 Type of Ice: (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: AA1282 2.0 AA1257 2.5 Biological Tissue Is Frozen: Yes No

Date and Initials of person examining contents: JJN 6/30/09

Temp should be above freezing to 6°C

Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9: dissolved metals sample has to be filtered, one of nine vials MW-11 received broken
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☑No ☐N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: water		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☑No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15:
Trip Blank Present:	☑Yes ☐No ☐N/A	16:
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ Date: _____

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers)