JAMES Oil Company
Enumclaw
Release # 2363

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Quarterly Groundwater Monitoring Report - Second Quarter 2010
ConocoPhillips Facility No. 0964 (RM&R #00964)
Washington Department of Ecology LUST Program ID #1565
666 Griffin Avenue
Enumclaw, Washington 98022

Stantec Project No.:
212302379

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

Submitted by:
Stantec Consulting Corporation
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Redmond, WA 98052

Prepared on behalf of:
ConocoPhillips Company

August 2, 2010

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 2010 (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 20, 2010. Groundwater monitoring activities were performed in accordance with Stantec's protocols for groundwater monitoring events (Appendix A).

Eight groundwater monitoring wells (MW-1 through MW-7, and MW-11) were gauged and sampled. These activities are described below.

Monitoring Well Gauging

Eight groundwater monitoring wells were gauged: MW-1 through 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 4.14 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 illustrated on Figure 1. Based on these data, the inferred groundwater flow direction was to the east at an approximate gradient of 0.02 feet 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 onsite in a Department of Transportation (DOT)-approved, steel drum pending laboratory characterization and offsite 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:

- 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
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX) using Environmental Protection Agency (EPA) Method 8260B.

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, and BTEX. 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-3, MW-4 and MW-5 at concentrations of 1,620 micrograms per liter [µg/L], 1,120 µg/L, 1,200 µg/L and 1,830 µg/L respectively, which exceed the MTCA Method A cleanup level of 800 µg/L. The

reported concentrations are generally consistent with data from other recent reporting periods.

- TPH-D was detected in groundwater from MW-2 and MW-4 at concentrations of 648 µg/L and 542 µg/L, respectively, which exceed the MTCA Method A cleanup level of 500 µg/L. The reported concentrations are generally consistent with data from other recent reporting periods.
- Benzene was detected in groundwater from MW-3 and MW-5 at concentrations of 855 µg/L and 209 µg/L, respectively, which exceed the MTCA Method A cleanup level of 5 µg/L. The reported concentrations of benzene within MW-3 and MW-5 appear to have increased since approximately the third quarter of 2008. The reported concentration of benzene within MW-3 is the highest since the first quarter of 2004, and the reported concentration of benzene within MW-5 is the highest on record.

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 (see pages 5, 11 and 13) that were identified during chemical analysis. Analyte qualifiers that appear to have a greater potential to impact results (S2) are also included on Table 1 and Figure 2. A description of these qualifiers is as follows:

- S2 – Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis)

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 by ConocoPhillips.

CONCLUSIONS

Concentrations of TPH-G exceeding the MTCA Method A cleanup level were detected in MW-1, MW-3, MW-4 and MW-5. The reported TPH-G concentrations are generally consistent with data from other recent reporting periods.

Concentrations of TPH-D exceeding the MTCA Method A cleanup level were detected in MW-2 and MW-4. The reported TPH-D concentrations are generally consistent with data from other recent reporting periods.

Concentrations of benzene exceeding the MTCA Method A cleanup level were detected in MW-3 and MW-5. The reported concentrations of benzene within MW-3 and MW-5 appear to have increased since approximately the third quarter of 2008. The reported concentration of benzene within MW-3 is the highest since the first quarter of 2004, and the reported concentration of benzene within MW-5 is the highest on record.

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 report 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.

Prepared by:

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Reviewed by:

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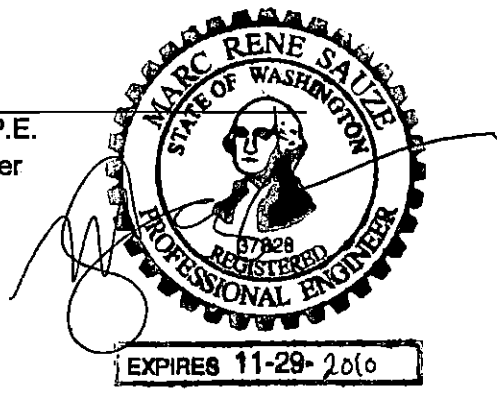
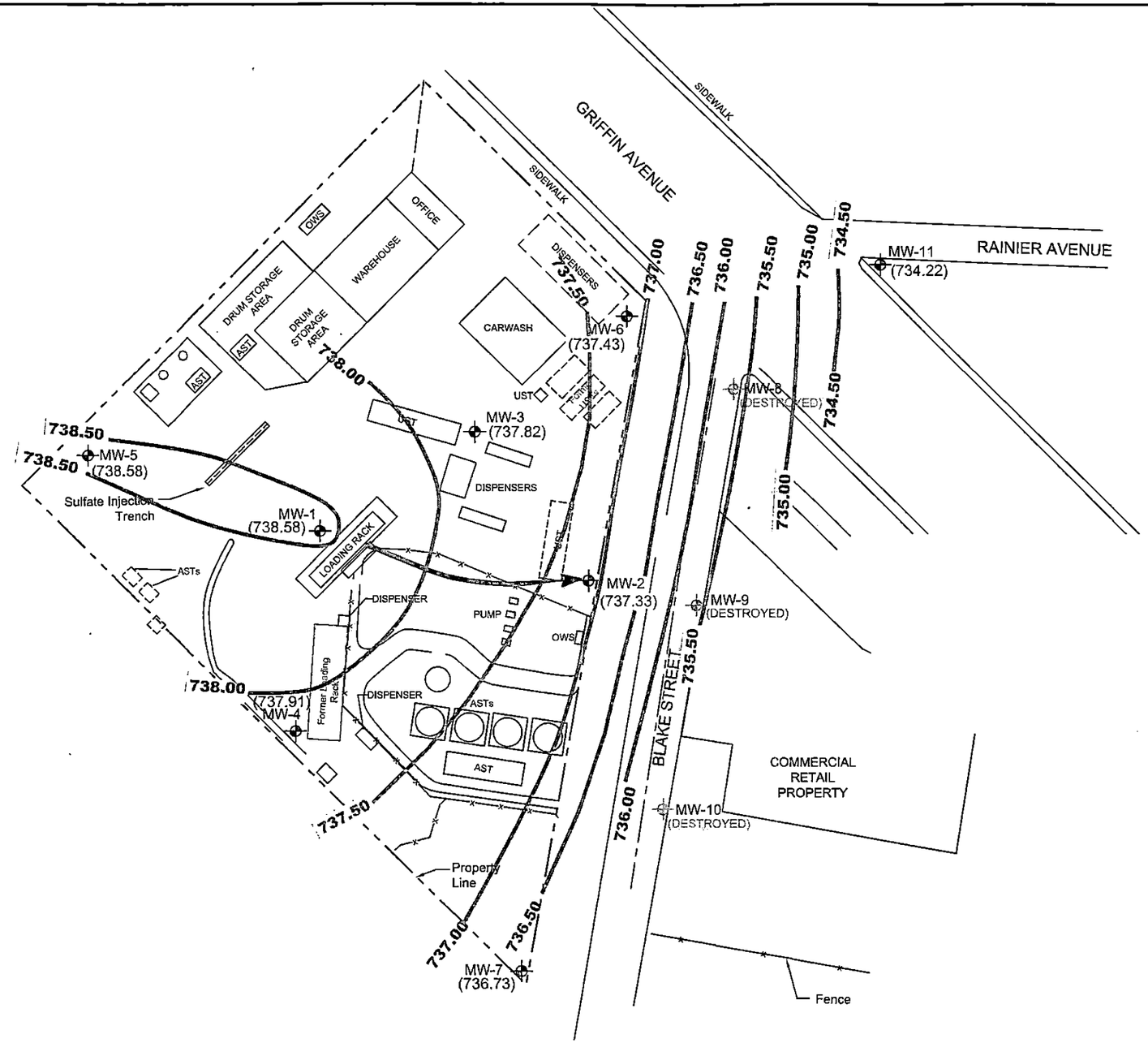


ATTACHMENTS

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

- (738.58) — GROUNDWATER ELEVATION (FEET)
- (NM) — NOT MEASURED
- INFERRED GROUNDWATER FLOW DIRECTION
- 737.50 — GROUNDWATER ELEVATION CONTOUR (FEET)
- CONTOUR INTERVAL = 0.50 FEET
- GROUNDWATER GRADIENT = 0.02 FT/FT

NOTE:

1). ALL LOCATIONS ARE APPROXIMATE

N

0 40 80

APPROXIMATE SCALE (FEET)

BASEMAP PROVIDED BY GEOENGINEERS, INC.

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

MONITORING WELL LOCATIONS AND GROUNDWATER ELEVATIONS (APRIL 20, 2010)

FIGURE: 1

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212302379 (0964)	DJH	AT	JT	7/8/10

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MW-3	7/28/09	10/20/09	1/18/10	4/20/10
TPH-G	**1,120**	**1,230**	**1,200**	**1,120**
TPH-D	117	244	136 B+,P2	95.4
TPH-O	<400	<388	<383	<388
B	**254**	**596**	**487**	**855.0**
T	8.1	13.0	1.7 1n	1.3
E	2.2	6.3	19.3 1n	20.0
X	4.2	39.3	90.0 1n	58.9

MW-6	7/28/09	10/20/09	1/18/10	4/20/10
TPH-G	450	400	335	148
TPH-D	<76.9	204	77.5 B+,P2	<76.9
TPH-O	<385	<385	<386	<385
B	<1.0	<1.0	**34.2** 1n	<1.0
T	<1.0	<1.0	<1.0 1n	<1.0
E	<1.0	<1.0	<1.0 1n	<1.0
X	<1.0	<1.0	<3.0 1n	<3.0

MW-5	7/28/09	10/20/09	1/18/10	4/20/10
TPH-G	~	**1,610**	288	**1,830**
TPH-D	~	462	101 B+,P2	83.9
TPH-O	~	<396	<385	<388
B	~	**47.9**	**24.4** 3n	**209**
T	~	67.8	21.3	372
E	~	47.5	14.6 3n	75.9
X	~	345	38.2	368

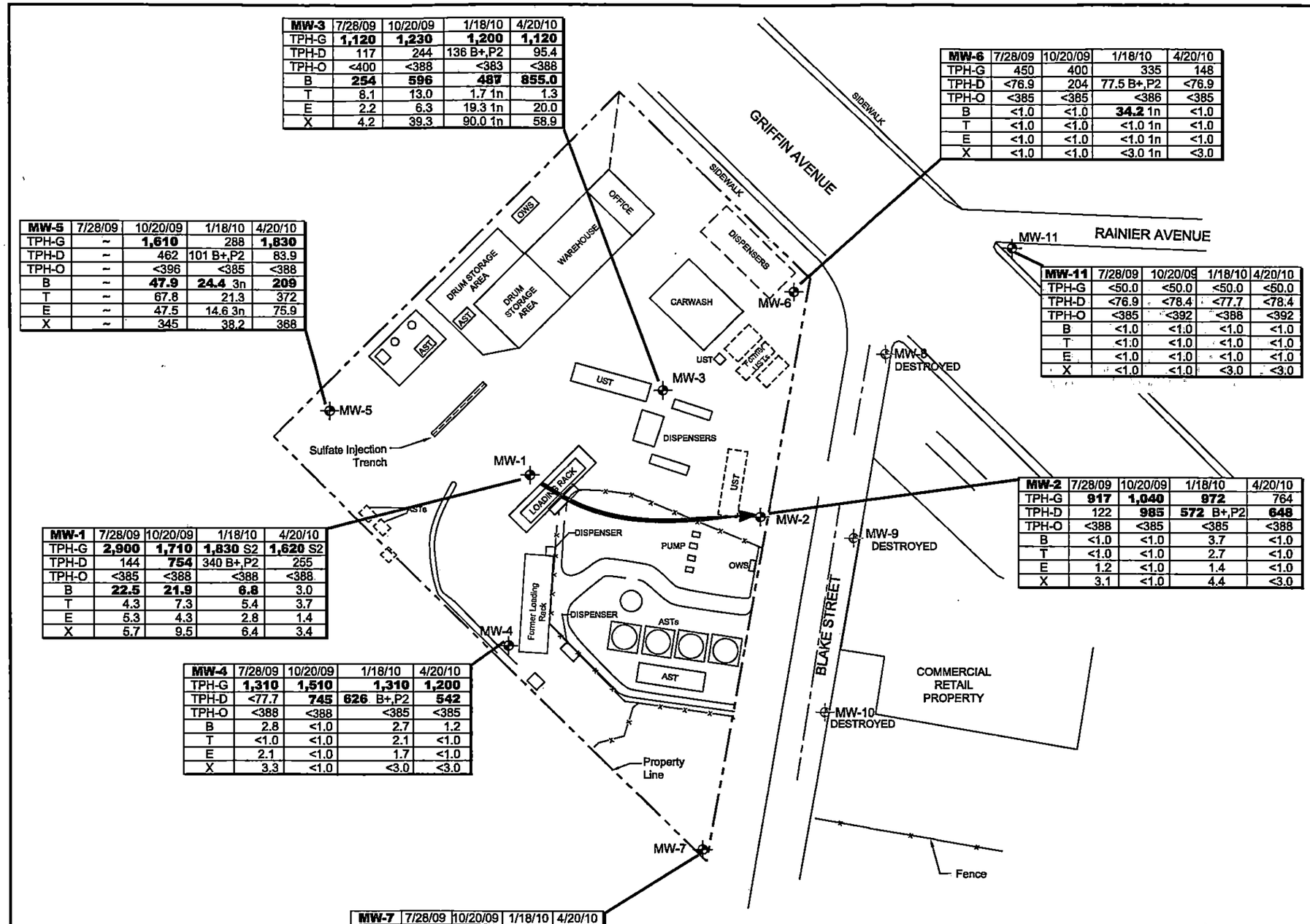
MW-11	7/28/09	10/20/09	1/18/10	4/20/10
TPH-G	<50.0	<50.0	<50.0	<50.0
TPH-D	<76.9	<78.4	<77.7	<78.4
TPH-O	<385	<392	<388	<392
B	<1.0	<1.0	<1.0	<1.0
T	<1.0	<1.0	<1.0	<1.0
E	<1.0	<1.0	<1.0	<1.0
X	<1.0	<1.0	<3.0	<3.0

MW-1	7/28/09	10/20/09	1/18/10	4/20/10
TPH-G	**2,900**	**1,710**	**1,830** S2	**1,620** S2
TPH-D	144	**754**	340 B+,P2	255
TPH-O	<385	<388	<388	<388
B	**22.5**	**21.9**	**6.8**	3.0
T	4.3	7.3	5.4	3.7
E	5.3	4.3	2.8	1.4
X	5.7	9.5	6.4	3.4

MW-2	7/28/09	10/20/09	1/18/10	4/20/10
TPH-G	**917**	**1,040**	**972**	764
TPH-D	122	**985**	**572** B+,P2	**648**
TPH-O	<388	<385	<385	<388
B	<1.0	<1.0	3.7	<1.0
T	<1.0	<1.0	2.7	<1.0
E	1.2	<1.0	1.4	<1.0
X	3.1	<1.0	4.4	<3.0

MW-4	7/28/09	10/20/09	1/18/10	4/20/10
TPH-G	**1,310**	**1,510**	**1,310**	**1,200**
TPH-D	<77.7	**745**	**626** B+,P2	**542**
TPH-O	<388	<388	<385	<385
B	2.8	<1.0	2.7	1.2
T	<1.0	<1.0	2.1	<1.0
E	2.1	<1.0	1.7	<1.0
X	3.3	<1.0	<3.0	<3.0

MW-7	7/28/09	10/20/09	1/18/10	4/20/10
TPH-G	<50.0	<50.0	<50.0	<50.0
TPH-D	<77.7	<77.7	<76.9	<77.7
TPH-O	<388	<388	<385	<388
B	<1.0	<1.0	<1.0	<1.0
T	<1.0	<1.0	<1.0	<1.0
E	<1.0	<1.0	<1.0	<1.0
X	<1.0	<1.0	<3.0	<3.0



LEGEND

- SITE BOUNDARY
- MW-1 — MONITORING WELL LOCATION AND ID
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- UST — UNDERGROUND STORAGE TANK
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- 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

UNITS IN MICROGRAMS PER LITER (µg/L)

< LESS THAN LABORATORY REPORING LIMITS

– NOT ANALYZED OR NOT APPLICABLE

~ INACCESSIBLE

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

NS NOT SAMPLED

c SURROGATES WERE NOT SPIKED DUE TO ANALYST ERROR

1n ANALYSIS CONDUCTED OUTSIDE THE COP HOLDING TIME BUT WITHIN THE EPA METHOD HOLDING TIME

3n ANALTE WAS DETECTED IN THE ASSOCIATED METHOD BLANK AS WELL AS IN THE SAMPLE. THE CONCENTRATION FOUND IN THE SAMPLE WAS TEN TIMES GREATER THAN THE AMOUNT FOUND IN THE BLANK.

B+ ANALTE WAS DETECTED IN THE ASSOCIATED METHOD BLANK AS WELL AS IN THE SAMPLE.

P2 RE-EXTRACTION OR RE-ANALYSIS COULD NOT BE PERFORMED DUE TO INSUFFICIENT SAMPLE AMOUNT.

S2 SURROGATE RECOVERY OUTSIDE LABORATORY CONTROL LIMITS DUE TO MATRIX INTERFERENCES (CONFIRMED BY SIMILAR RESULTS FROM SAMPLE RE-ANALYSIS).

NOTE:

1). ALL LOCATIONS ARE APPROXIMATE

0 40 80

APPROXIMATE SCALE (FEET)

N

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

SITE PLAN WITH ANALYTICAL RESULTS (APRIL 20, 2010)

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
212302379 (0964)	DJH	AT	JT	7/8/10

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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 (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-1	02/16/99	1.75	738.53	2,550	<350	<700	111	5.2	8.08	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	<3.65	6.33	<7.40	<5.00	–	–	–	–
	02/22/01	2.25	738.03	2,170	726	<500	90.0	<3.60	14.2	<5	2.64	–	–	–	–
	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	7.48	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	88.7	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	6,540	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	2.62	737.46	1,600	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	<0.6	<0.6	–	–	–	–	–
	03/26/07	1.03	739.25	–	–	–	–	–	–	–	–	–	–	–	–
	04/09/07	1.41	738.87	1,021	1,481	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	–	–	–	–	–

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-1 cont.	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	–	–	–	–	–
	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 *	180	<420	4.9	4.9	2.2	4.0	<1.0	<1.0	<0.010	<1.0	<1.0
	07/28/09	3.66	736.62	2,900	144	<385	22.5	4.3	5.3	5.7	–	–	–	–	–
	10/20/09	2.37	737.91	1,710	754	<388	21.9	7.3	4.3	9.5	–	–	–	–	–
	01/18/10	1.90	738.38	1,830 S2	340 B+, P2	<388	6.8	5.4	2.8	6.4	–	–	–	–	–
	04/20/10	1.70	738.58	1620 S2	255	<388	3	3.7	1.4	3.4	–	–	–	–	–
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	984	596	<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	56.2	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	5.68	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	2,580	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	–	–	–	–

TABLE 1
CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS
ConocoPhillips Facility No. 0964 (RM&R No 0964)
866 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-2 cont.	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	876	<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	4,677	<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	--	--	--	--	--
	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	480	8	6	<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	<83	2.6	1.2	<1.0	<3.0	--	--	--	--	--
	04/27/09	1.60	737.33	973	400	<420	2.8	2.1	<1.0	<3.0	<1.0	<1.0	<0.010	2.9	1.3
	07/28/09	2.27	736.66	917	122	<388	<1.0	<1.0	1.2	3.1	--	--	--	--	--
	10/20/09	1.76	737.17	1,040	985	<385	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	01/18/10	1.65	737.28	972	572 B+, P2	<385	3.7	2.7	1.4	4.4	--	--	--	--	--
	04/20/10	1.60	737.33	764	648	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--

TABLE 1

CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS

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

868 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-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	<6.12	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	75.8	7.08	39.3	39.9	--	--	--	--
	05/21/03	2.02	738.05	1,670	980	<500	338	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	608	<245	1,080	51.9	12.00	18.62	37	--	--	--	--
	05/19/04	2.46	737.61	2,490	1,010	<238	445	33.2	10.30	10.30	47.8	--	--	--	--
	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	--	--	--	--
	07/16/05	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	16	--	--	--	--
	10/24/06	2.77	737.30	920	1,700	450	15	0.8	<0.8	<0.8	13	--	--	--	--
	01/30/07	2.27	737.80	680	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	30.8	<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	--	--	--	--	--
	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	16	<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	737.99	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	1,600	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
	07/28/09	3.25	736.82	1,120	117	<400	254	6.1	2.2	4.2	--	--	--	--	--
	10/20/09	2.66	737.41	1,230	244	<388	598	13.0	6.3	39.3	--	--	--	--	--
	01/18/10	2.02	738.05	1,200	138 B+, P2	<383	487 1n	1.7 1n	19.3 1n	90.0 1n	--	--	--	--	--
	04/20/10	2.25	737.82	1,120	95.4	<388	855.0	1.3	20.0	58.9	--	--	--	--	--

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-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	--	--	--	--
	11/18/00	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	1,680	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	1,060	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	3.96	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	0.95	<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	--	--	--	--
	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	--	--	--	--
	09/08/05	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	--	--	--	--

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-4 cont.	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	<83	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
	07/28/09	3.9	736.17	1,310	<77.7	<388	2.8	<1.0	2.1	3.3	--	--	--	--	--
	10/20/09	2.41	737.66	1,510	745	<388	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	01/18/10	2.14	737.93	1,310	626 B+, P2	<385	2.7	2.1	1.7	<3.0	--	--	--	--	--
	04/20/10	2.16	737.91	1,200	542	<385	1.2	<1.0	<1.0	<3.0	--	--	--	--	--

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	3.83	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	2.66	<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	550	<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	0.89	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	2,776	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	2.28	738.02	--	--	--	--	--	--	--	--	--	--	--	--
	07/26/07	1.62	738.68	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
	07/28/09	Inaccessible													
	10/20/09	2.03	738.25	1,610	462	<398	47.9	67.8	47.5	345	--	--	--	--	--
	01/18/10	1.60	738.68	288	101 B+, P2	<385	24.4 3n	21.3	14.6 3n	38.2	--	--	--	--	--
	04/20/10	1.70	738.58	1,830	83.9	<388	209	372	75.9	368	--	--	--	--	--

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	<2.85	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	4.28	–	–	–	–
	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	1.60	<5	–	–	–	–
	02/05/03	2.20	737.15	77,300	<250	<500	5,170	19,300	1,430	7,090	<400	–	–	–	–
	03/28/03	2.02	737.33	37,100	–	–	2,360	7,910	1,250	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	1.83	–	–	–	–
	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	160	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	2.38	737.13	–	–	–	–	–	–	–	–	–	–	–	–
	07/26/07	2.16	737.33	360	370	98	<0.5	<0.7	<0.8	<0.8	–	–	–	–	–
	10/24/07	1.85	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	<83	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
	07/28/09	2.92	736.57	450	<76.9	<385	<1.0	<1.0	<1.0	<1.0	–	–	–	–	–
	10/20/09	2.45	737.04	400	204	<385	<1.0	<1.0	<1.0	<1.0	–	–	–	–	–
	01/18/10	2.24	737.25	335	77.5 B+, P2	<386	34.2 1n	<1.0 1n	<1.0 1n	<3.0 1n	–	–	–	–	–
	04/20/10	2.06	737.43	148	<76.9	<385	<1.0	<1.0	<1.0	<3.0	–	–	–	–	–

TABLE 1
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ConocoPhillips Facility No. 0964 (RM&R No 0964)
866 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-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	–	–	–	–
	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	0.69	<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	1.88	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	78	<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	738.13	<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
	07/28/09	4.00	735.27	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<1.0	–	–	–	–	–
	10/20/09	2.19	737.08	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<1.0	–	–	–	–	–
	01/18/10	1.68	737.59	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	–	–	–	–	–
	04/20/10	2.54	736.73	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	–	–	–	–	–

TABLE 1
CUMULATIVE SUMMARY OF GROUNDWATER ELEVATIONS AND SAMPLE ANALYTICAL RESULTS
ConocoPhillips Facility No. 0964 (RM&R No 0964)
866 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-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	8.68	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	–	–	–	–
	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	6.67	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											

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-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	–	–	–	–
	05/18/05	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)

668 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	5.66	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	<98	<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	6.60	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											

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-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	3.81	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	--	--	--	--
738.36	07/24/06	7.72	730.64	<48	<63	<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	4.48	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	4.80	733.98	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
	07/28/09	8.17	730.19	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	10/20/09	5.19	733.17	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<1.0	--	--	--	--	--
	01/18/10	3.79	734.57	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
	04/20/10	4.14	734.22	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--
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, Ethylbenzene, 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

1n = Analysis conducted outside the COP holding time, but within the EPA method holding time.

3n = Analyte was detected in the associated method blank as well as in the sample. The concentration found in the sample was ten times greater than the amount found in the blank.

B+ = Analyte was detected in the associated method blank as well as in the sample.

P2 = Re-extraction or re-analysis could not be performed due to insufficient sample amount.

S2 = Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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
2Q2010 - CP Facility No. 0964, Enumclaw, WA

Name(s) D. Reitz / T. Parise Date: 04/20/10
Arrival Time: 0830 Departure Time: 1510

Time of Arrival Call-In: 0830
Time of Departure Call-In 1500
Who did you call? C. Gdak

DRUM INVENTORY

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

HEALTH AND SAFETY ASSESSMENT

Don P.P.E.
Review HASP & J.S.A.
Set-up Decon. Station

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

0810 Purchase ice en route.
0830 Arrive on site. Call-in to office & check-in with site-contact. Perform tailgate safety meeting. Set-up decon. station.
0900 Initiate gauging of physical measurements at 8 GWM wells, prior to 2Q10 GWM sampling procedures.
0940 Complete gauging procedures & initiate 2Q10 GWM sample procedures at 8 GWM wells.
1420 Complete 2Q10 GWM sample procedures. Decon. equipment and release purge water/decon. rinsates into staged drum. Label drum.
1440 Pack sample coolers & load equipment into truck.
1500 Check-out with site-contact & call-in to office.
1510 Depart job site.

04/20/10

Stantec Consulting Corporation

HYDROLOGIC DATA SHEET

Gauge Date: April 20, 2010 Project Name: CP Facility No. 0964

Field Technician: David Reitz Project Number: 212302379

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		910	—	2.54	12.70	Y	N	Y	
MW-11		915	—	4.14	14.90	Y	N	Y	
MW-6		920	—	2.06	11.95	Y	N	Y	
MW-3		922	—	2.25	17.10	Y	N	Y	
MW-2		925	—	1.60	15.40	Y	N	Y	
MW-4		930	—	2.16	17.40	Y	N	Y	
MW-5		935	—	1.70	14.65	Y	N	Y	
MW-1		940	—	1.70	14.70	Y	N	Y	

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: # 212302379 PURGED BY: David Reitz WELL I.D.: MW-7

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

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/20/10 START (2400hr) 0950 END (2400hr) 1015

DATE SAMPLED 04/20/10 SAMPLE TIME (2400hr) 1005

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) = 12.70 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 2.54

WATER COLUMN HEIGHT (feet) = 10.16 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/20/10	0955	500	12.4	0.012	5.73	Clr
	0958	500	12.1	0.012	5.74	Clr
	1001	500	12.0	0.012	5.75	Clr
↓	1004	500	12.1	0.012	5.74	Clr
					04/20/10	
Calculated Variance of Final Three Samples:			0.1	0	0.01	
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1	

DEPTH TO PURGE INTAKE DURING PURGE: 8.00 SAMPLE DTW: 2.74

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 LOCK#: yes

REMARKS: ____

SIGNATURE: [signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: # 212302379 PURGED BY: David Reitz WELL I.D.: MW-11

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

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/20/10 START (2400hr) 1025 END (2400hr) 1050

DATE SAMPLED 04/20/10 SAMPLE TIME (2400hr) 1040

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) = 14.90 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 4.14

WATER COLUMN HEIGHT (feet) = 10.76 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/20/10	1036	500	12.9	0.013	5.86	Clr
	1033	500	12.8	0.013	5.84	Clr
	1036	500	12.6	0.013	5.83	Clr
	1039	500	12.5	0.013	5.84	Clr
					04/20/10	
Calculated Variance of Final Three Samples:			0.3	0	0.01	
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1	

DEPTH TO PURGE INTAKE DURING PURGE: 9.00 SAMPLE DTW: 4.51

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 LOCK#: YES

REMARKS: ____

SIGNATURE: ____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: # 212302379 PURGED BY: David Reitz WELL I.D.: MW-6

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

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/20/10 START (2400hr) 1055 END (2400hr) 1120

DATE SAMPLED 04/20/10 SAMPLE TIME (2400hr) 1110

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

CASING DIAMETER: 2" ____ 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) = 11.95 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 2.06

WATER COLUMN HEIGHT (feet) = 9.89 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/20/10	1100	500	12.5	0.027	6.09	Clr
	1103	500	12.2	0.027	6.13	Clr
	1106	500	12.3	0.026	6.12	Clr
	1109	500	12.3	0.026	6.12	Clr
					04/20/10	
Calculated Variance of Final Three Samples:			0.1	0.001	0.01	
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1	

DEPTH TO PURGE INTAKE DURING PURGE: 8.00 SAMPLE DTW: 2.45

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 LOCK#: yes

REMARKS: ____

SIGNATURE: ____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: # 212302379 PURGED BY: David Reitz WELL I.D.: MW-3

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

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/20/10 START (2400hr) 1125 END (2400hr) 1150

DATE SAMPLED 04/20/10 SAMPLE TIME (2400hr) 1140

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) = 17.10 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 2.25

WATER COLUMN HEIGHT (feet) = 14.85 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS.

DATE	TIME (2400hr)	VOLUME (L)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/20/10	1130	500	12.2	0.070	6.27	Clr
	1133	500	12.2	0.071	6.30	Clr
	1136	500	12.2	0.071	6.31	Clr
	1139	500	12.2	0.071	6.32	Clr
					04/20/10	
Calculated Variance of Final Three Samples:			0	0	0.02	
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1	

DEPTH TO PURGE INTAKE DURING PURGE: 13.00 SAMPLE DTW: 3.12

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 LOCK#: yes

REMARKS: ____

SIGNATURE: [signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: # 212302379 PURGED BY: David Reitz WELL I.D.: MW-2

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

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/20/10 START (2400hr) 1205 END (2400hr) 1230

DATE SAMPLED 04/20/10 SAMPLE TIME (2400hr) 1220

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) = 15.40 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 1.60

WATER COLUMN HEIGHT (feet) = 13.80 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/20/10	1210	500	12.9	0.025	6.50	Clr
	1213	500	13.0	0.024	6.46	Clr
	1216	500	13.1	0.024	6.47	Clr
	1219	500	13.1	0.023	6.48	Clr
					04/20/10	
Calculated Variance of Final Three Samples:			0.1	0.001	0.02	
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1	

DEPTH TO PURGE INTAKE DURING PURGE: 11.00 SAMPLE DTW: 2.09

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 LOCK#: yes

REMARKS: ____

SIGNATURE: ____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: # 212302379 PURGED BY: David Reitz WELL I.D.: MW-4

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

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/20/10 START (2400hr) 1245 END (2400hr) 1310

DATE SAMPLED 04/20/10 SAMPLE TIME (2400hr) 1300

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) = 17.40 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 2.16

WATER COLUMN HEIGHT (feet) = 15.24 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (ML)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/20/10	1250	800	11.7	0.054	6.28	Clr
↓	1253	500	11.7	0.054	6.30	Clr
	1256	500	11.7	0.054	6.31	Clr
↓	1259	500	11.7	0.054	6.32	Clr
					04/20/10	
Calculated Variance of Final Three Samples:			Ø	Ø	0.02	
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1	

DEPTH TO PURGE INTAKE DURING PURGE: 13.00 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

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

REMARKS: ____

SIGNATURE: [signature]

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: # 212302379 PURGED BY: David Reitz WELL I.D.: MW-5

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

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/20/10 START (2400hr) 1325 END (2400hr) 1350

DATE SAMPLED 04/20/10 SAMPLE TIME (2400hr) 1340

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) = 14.70 CASING VOLUME (L) = ____

DEPTH TO WATER (feet) = 1.70

WATER COLUMN HEIGHT (feet) = 13.00 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (mL)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/20/10	1330	800	11.0	0.069	6.18	Clr
	1333	500	11.1	0.069	6.17	Clr
	1336	500	11.2	0.069	6.19	Clr
	1339	500	11.2	0.069	6.18	Clr
Calculated Variance of Final Three Samples:			0.1	0	0.02	
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1	

04/20/10

DEPTH TO PURGE INTAKE DURING PURGE: 9.00 SAMPLE DTW: 1.93

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

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

REMARKS: ____

SIGNATURE: ____

Stantec Consulting Corporation

WATER SAMPLE FIELD DATA SHEET

PROJECT #: # 212302379 PURGED BY: David Reitz WELL I.D.: MW-1

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

LOCATION: 666 Griffin Ave. Enumclaw, WA.

DATE PURGED 04/20/10 START (2400hr) 1355 END (2400hr) 1420

DATE SAMPLED 04/20/10 SAMPLE TIME (2400hr) 1410

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) = 1.70

WATER COLUMN HEIGHT (feet) = 13.00 ACTUAL PURGE (L) = 2.5

FIELD MEASUREMENTS

DATE	TIME (2400hr)	VOLUME (mL)	TEMP. (degrees C)	CONDUCTIVITY (umhos/cm)	pH (units)	COLOR (visual)
04/20/10	1400	500	12.0	0.056	6.13	Clr
	1403	500	12.0	0.056	6.15	Clr
	1406	500	12.0	0.056	6.14	Clr
	1409	500	12.0	0.056	6.14	Clr
				04/20/10		
Calculated Variance of Final Three Samples:			0	0	0.01	
Acceptable Variance Limits:			≤ 10%	≤ 3%	≤ 0.1	

DEPTH TO PURGE INTAKE DURING PURGE: 10.00 SAMPLE DTW: 2.20

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 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 #: 4512896515 ConocoPhillips AOC#: 00964	DATE: 04/22/10 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: Myron Smith
PROJECT CONTACT (Hardcopy or PDF Report to): Chris Gdak		EDF DELIVERABLE TO (RP or Designee):	PHONE NO.: / E-MAIL: / LAB USE ONLY
TELEPHONE: (425) 298-1023	FAX: (425) 298-1020	E-MAIL: chris.gdak@stantec.com	
SAMPLER NAME(S) (Print): David Reitz	CONSULTANT PROJECT NUMBER: 212302379	REQUESTED ANALYSES	

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 ☑

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)	TEMPERATURE ON RECEIPT C°
		MW-1	4/20	1410	GW	7	X	X	X	
		MW-2	4/20	1220	GW	7	X	X	X	
		MW-3	4/20	1140	GW	7	X	X	X	
		MW-4	4/20	1300	GW	7	X	X	X	
		MW-5	4/20	1340	GW	7	X	X	X	
		MW-6	4/20	1110	GW	7	X	X	X	
		MW-7	4/20	1005	GW	7	X	X	X	
		MW-11	4/20	1040	GW	7	X	X	X	
		TB				6	X	[illegible]	X	

Relinquished by: (Signature)	Received by: (Signature)	Date: 04/22/10	Time: 0900
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

9/19/03 Revision

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

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April 28, 2010

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

RE: Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

Dear Chris Gdak:
Enclosed are the analytical results for sample(s) received by the laboratory on April 22, 2010. 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.

One of six VOA vials for MW-4 were received frozen and broken. One of six VOA vials for for the Trip Blank were received out of EPA compliance for head space. Sufficient sample volume was submitted for both MW-4 and the Trip Blank, no action was taken.

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

Sincerely,

Jenni Gross

Jennifer Gross

jennifer.gross@pacelabs.com
Project Manager

Enclosures

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cc: Andrea Donnell, COP_Stantec Washington
Tammy Parise, COP_Stantec Washington
Linda Rawlins, COP_Stantec Oregon

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CERTIFICATIONS

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

Washington Certification IDs
940 South Harney Street Seattle, WA 98108
Washington Certification #: C1229
Oregon Certification #: WA200007
Alaska CS Certification #: UST-025
California Certification #: 01153CA
Alaska Drinking Water Micro Certification #: WA01230
Alaska Drinking Water VOC Certification #: WA01-09
Florida/NELAP Certification #: E87617

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SAMPLE ANALYTE COUNT

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
253561001	MW-1	NWTPH-Dx	ERB	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 5030B/8260	LPM	8	PASI-S
253561002	MW-2	NWTPH-Dx	ERB	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 5030B/8260	LPM	8	PASI-S
253561003	MW-3	NWTPH-Dx	ERB	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 5030B/8260	LPM	8	PASI-S
253561004	MW-4	NWTPH-Dx	ERB	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 5030B/8260	LPM	8	PASI-S
253561005	MW-5	NWTPH-Dx	ERB	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 5030B/8260	LPM	8	PASI-S
253561006	MW-6	NWTPH-Dx	ERB	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 5030B/8260	LPM	8	PASI-S
253561007	MW-7	NWTPH-Dx	ERB	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 5030B/8260	LPM	8	PASI-S
253561008	MW-11	NWTPH-Dx	ERB	4	PASI-S
		NWTPH-Gx	LPM	3	PASI-S
		EPA 5030B/8260	LPM	8	PASI-S
253561009	Trip Blank	NWTPH-Gx	LPM	3	PASI-S
		EPA 5030B/8260	LPM	8	PASI-S

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ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

Sample: MW-1 **Lab ID: 253561001** Collected: 04/20/10 14:10 Received: 04/22/10 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS SG	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**255**	ug/L	77.7	1	04/22/10 16:15	04/23/10 17:35		
Motor Oil Range SG	ND	ug/L	388	1	04/22/10 16:15	04/23/10 17:35	64742-65-0	
n-Octacosane (S) SG	130	%	50-150	1	04/22/10 16:15	04/23/10 17:35	630-02-4	
o-Terphenyl (S) SG	125	%	50-150	1	04/22/10 16:15	04/23/10 17:35	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**1620**	ug/L	50.0	1		04/26/10 18:15		
a,a,a-Trifluorotoluene (S)	102	%	50-150	1		04/26/10 18:15	98-08-8	
4-Bromofluorobenzene (S)	177	%	50-150	1		04/26/10 18:15	460-00-4	S2
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	**3.0**	ug/L	1.0	1		04/24/10 00:00	71-43-2	
Ethylbenzene	**1.4**	ug/L	1.0	1		04/24/10 00:00	100-41-4	
Toluene	**3.7**	ug/L	1.0	1		04/24/10 00:00	108-88-3	
Xylene (Total)	**3.4**	ug/L	3.0	1		04/24/10 00:00	1330-20-7	
4-Bromofluorobenzene (S)	112	%	80-120	1		04/24/10 00:00	460-00-4	
Dibromofluoromethane (S)	96	%	80-122	1		04/24/10 00:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	80-124	1		04/24/10 00:00	17060-07-0	
Toluene-d8 (S)	107	%	80-123	1		04/24/10 00:00	2037-26-5	

Sample: MW-2 **Lab ID: 253561002** Collected: 04/20/10 12:20 Received: 04/22/10 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS SG	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**648**	ug/L	77.7	1	04/22/10 16:15	04/23/10 17:51		
Motor Oil Range SG	ND	ug/L	388	1	04/22/10 16:15	04/23/10 17:51	64742-65-0	
n-Octacosane (S) SG	123	%	50-150	1	04/22/10 16:15	04/23/10 17:51	630-02-4	
o-Terphenyl (S) SG	118	%	50-150	1	04/22/10 16:15	04/23/10 17:51	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**764**	ug/L	50.0	1		04/26/10 16:36		
a,a,a-Trifluorotoluene (S)	105	%	50-150	1		04/26/10 16:36	98-08-8	
4-Bromofluorobenzene (S)	112	%	50-150	1		04/26/10 16:36	460-00-4	
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	ND	ug/L	1.0	1		04/24/10 00:23	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		04/24/10 00:23	100-41-4	
Toluene	ND	ug/L	1.0	1		04/24/10 00:23	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		04/24/10 00:23	1330-20-7	
4-Bromofluorobenzene (S)	103	%	80-120	1		04/24/10 00:23	460-00-4	
Dibromofluoromethane (S)	97	%	80-122	1		04/24/10 00:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	80-124	1		04/24/10 00:23	17060-07-0	
Toluene-d8 (S)	108	%	80-123	1		04/24/10 00:23	2037-26-5	

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ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

Sample: MW-3 **Lab ID: 253561003** Collected: 04/20/10 11:40 Received: 04/22/10 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS SG	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**95.4**	ug/L	77.7	1	04/22/10 16:15	04/23/10 18:07		
Motor Oil Range SG	ND	ug/L	388	1	04/22/10 16:15	04/23/10 18:07	64742-65-0	
n-Octacosane (S) SG	131	%	50-150	1	04/22/10 16:15	04/23/10 18:07	630-02-4	
o-Terphenyl (S) SG	127	%	50-150	1	04/22/10 16:15	04/23/10 18:07	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**1120**	ug/L	50.0	1		04/26/10 17:01		
a,a,a-Trifluorotoluene (S)	105	%	50-150	1		04/26/10 17:01	98-08-8	
4-Bromofluorobenzene (S)	119	%	50-150	1		04/26/10 17:01	460-00-4	
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	**855**	ug/L	10.0	10		04/24/10 05:56	71-43-2	
Ethylbenzene	**20.0**	ug/L	1.0	1		04/24/10 03:51	100-41-4	
Toluene	**1.3**	ug/L	1.0	1		04/24/10 03:51	108-88-3	
Xylene (Total)	**58.9**	ug/L	3.0	1		04/24/10 03:51	1330-20-7	
4-Bromofluorobenzene (S)	114	%	80-120	1		04/24/10 03:51	460-00-4	
Dibromofluoromethane (S)	88	%	80-122	1		04/24/10 03:51	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	80-124	1		04/24/10 03:51	17060-07-0	
Toluene-d8 (S)	105	%	80-123	1		04/24/10 03:51	2037-26-5	

Sample: MW-4 **Lab ID: 253561004** Collected: 04/20/10 13:00 Received: 04/22/10 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS SG	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**542**	ug/L	76.9	1	04/22/10 16:15	04/23/10 18:23		
Motor Oil Range SG	ND	ug/L	385	1	04/22/10 16:15	04/23/10 18:23	64742-65-0	
n-Octacosane (S) SG	129	%	50-150	1	04/22/10 16:15	04/23/10 18:23	630-02-4	
o-Terphenyl (S) SG	123	%	50-150	1	04/22/10 16:15	04/23/10 18:23	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**1200**	ug/L	50.0	1		04/26/10 17:25		
a,a,a-Trifluorotoluene (S)	111	%	50-150	1		04/26/10 17:25	98-08-8	
4-Bromofluorobenzene (S)	115	%	50-150	1		04/26/10 17:25	460-00-4	
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	**1.2**	ug/L	1.0	1		04/24/10 00:47	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		04/24/10 00:47	100-41-4	
Toluene	ND	ug/L	1.0	1		04/24/10 00:47	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		04/24/10 00:47	1330-20-7	
4-Bromofluorobenzene (S)	106	%	80-120	1		04/24/10 00:47	460-00-4	
Dibromofluoromethane (S)	101	%	80-122	1		04/24/10 00:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	80-124	1		04/24/10 00:47	17060-07-0	
Toluene-d8 (S)	105	%	80-123	1		04/24/10 00:47	2037-26-5	

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ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

Sample: MW-5 **Lab ID: 253561005** Collected: 04/20/10 13:40 Received: 04/22/10 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS SG	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	**83.9**	ug/L	77.7	1	04/22/10 16:15	04/23/10 18:40		
Motor Oil Range SG	ND	ug/L	388	1	04/22/10 16:15	04/23/10 18:40	64742-65-0	
n-Octacosane (S) SG	133	%	50-150	1	04/22/10 16:15	04/23/10 18:40	630-02-4	
o-Terphenyl (S) SG	128	%	50-150	1	04/22/10 16:15	04/23/10 18:40	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**1830**	ug/L	50.0	1		04/26/10 17:50		
a,a,a-Trifluorotoluene (S)	100	%	50-150	1		04/26/10 17:50	98-08-8	
4-Bromofluorobenzene (S)	100	%	50-150	1		04/26/10 17:50	460-00-4	
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	**209**	ug/L	10.0	10		04/26/10 16:26	71-43-2	
Ethylbenzene	**75.9**	ug/L	1.0	1		04/24/10 01:10	100-41-4	
Toluene	**372**	ug/L	10.0	10		04/26/10 16:26	108-88-3	
Xylene (Total)	**368**	ug/L	3.0	1		04/24/10 01:10	1330-20-7	
4-Bromofluorobenzene (S)	105	%	80-120	1		04/24/10 01:10	460-00-4	
Dibromofluoromethane (S)	83	%	80-122	1		04/24/10 01:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	80-124	1		04/24/10 01:10	17060-07-0	
Toluene-d8 (S)	103	%	80-123	1		04/24/10 01:10	2037-26-5	

Sample: MW-6 **Lab ID: 253561006** Collected: 04/20/10 11:10 Received: 04/22/10 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS SG	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	ND	ug/L	76.9	1	04/22/10 16:15	04/23/10 18:56		
Motor Oil Range SG	ND	ug/L	385	1	04/22/10 16:15	04/23/10 18:56	64742-65-0	
n-Octacosane (S) SG	131	%	50-150	1	04/22/10 16:15	04/23/10 18:56	630-02-4	
o-Terphenyl (S) SG	127	%	50-150	1	04/22/10 16:15	04/23/10 18:56	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	**148**	ug/L	50.0	1		04/26/10 15:22		
a,a,a-Trifluorotoluene (S)	104	%	50-150	1		04/26/10 15:22	98-08-8	
4-Bromofluorobenzene (S)	106	%	50-150	1		04/26/10 15:22	460-00-4	
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	ND	ug/L	1.0	1		04/24/10 01:33	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		04/24/10 01:33	100-41-4	
Toluene	ND	ug/L	1.0	1		04/24/10 01:33	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		04/24/10 01:33	1330-20-7	
4-Bromofluorobenzene (S)	104	%	80-120	1		04/24/10 01:33	460-00-4	
Dibromofluoromethane (S)	94	%	80-122	1		04/24/10 01:33	1868-53-7	
1,2-Dichloroethane-d4 (S)	95	%	80-124	1		04/24/10 01:33	17060-07-0	
Toluene-d8 (S)	101	%	80-123	1		04/24/10 01:33	2037-26-5	

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ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

Sample: MW-7 **Lab ID: 253561007** Collected: 04/20/10 10:05 Received: 04/22/10 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS SG	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	ND	ug/L	77.7	1	04/22/10 16:15	04/23/10 19:44		
Motor Oil Range SG	ND	ug/L	388	1	04/22/10 16:15	04/23/10 19:44	64742-65-0	
n-Octacosane (S) SG	131	%	50-150	1	04/22/10 16:15	04/23/10 19:44	630-02-4	
o-Terphenyl (S) SG	126	%	50-150	1	04/22/10 16:15	04/23/10 19:44	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	ND	ug/L	50.0	1		04/26/10 15:47		
a,a,a-Trifluorotoluene (S)	103	%	50-150	1		04/26/10 15:47	98-08-8	
4-Bromofluorobenzene (S)	96	%	50-150	1		04/26/10 15:47	460-00-4	
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	ND	ug/L	1.0	1		04/24/10 01:56	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		04/24/10 01:56	100-41-4	
Toluene	ND	ug/L	1.0	1		04/24/10 01:56	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		04/24/10 01:56	1330-20-7	
4-Bromofluorobenzene (S)	98	%	80-120	1		04/24/10 01:56	460-00-4	
Dibromofluoromethane (S)	93	%	80-122	1		04/24/10 01:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	80-124	1		04/24/10 01:56	17060-07-0	
Toluene-d8 (S)	102	%	80-123	1		04/24/10 01:56	2037-26-5	

Sample: MW-11 **Lab ID: 253561008** Collected: 04/20/10 10:40 Received: 04/22/10 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS SG	Analytical Method: NWTPH-Dx Preparation Method: EPA 3510							
Diesel Range SG	ND	ug/L	78.4	1	04/22/10 16:15	04/23/10 20:00		
Motor Oil Range SG	ND	ug/L	392	1	04/22/10 16:15	04/23/10 20:00	64742-65-0	
n-Octacosane (S) SG	124	%	50-150	1	04/22/10 16:15	04/23/10 20:00	630-02-4	
o-Terphenyl (S) SG	114	%	50-150	1	04/22/10 16:15	04/23/10 20:00	84-15-1	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	ND	ug/L	50.0	1		04/26/10 16:12		
a,a,a-Trifluorotoluene (S)	105	%	50-150	1		04/26/10 16:12	98-08-8	
4-Bromofluorobenzene (S)	102	%	50-150	1		04/26/10 16:12	460-00-4	
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	ND	ug/L	1.0	1		04/24/10 02:19	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		04/24/10 02:19	100-41-4	
Toluene	ND	ug/L	1.0	1		04/24/10 02:19	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		04/24/10 02:19	1330-20-7	
4-Bromofluorobenzene (S)	102	%	80-120	1		04/24/10 02:19	460-00-4	
Dibromofluoromethane (S)	92	%	80-122	1		04/24/10 02:19	1868-53-7	
1,2-Dichloroethane-d4 (S)	96	%	80-124	1		04/24/10 02:19	17060-07-0	
Toluene-d8 (S)	102	%	80-123	1		04/24/10 02:19	2037-26-5	

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ANALYTICAL RESULTS

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

Sample: Trip Blank **Lab ID: 253561009** Collected: 04/20/10 00:00 Received: 04/22/10 10:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
Gasoline Range Organics	ND	ug/L	50.0	1		04/26/10 12:12		
a,a,a-Trifluorotoluene (S)	101	%	50-150	1		04/26/10 12:12	98-08-8	
4-Bromofluorobenzene (S)	93	%	50-150	1		04/26/10 12:12	460-00-4	
8260 MSV	Analytical Method: EPA 5030B/8260							
Benzene	ND	ug/L	1.0	1		04/23/10 22:06	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		04/23/10 22:06	100-41-4	
Toluene	ND	ug/L	1.0	1		04/23/10 22:06	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		04/23/10 22:06	1330-20-7	
4-Bromofluorobenzene (S)	101	%	80-120	1		04/23/10 22:06	460-00-4	
Dibromofluoromethane (S)	97	%	80-122	1		04/23/10 22:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	97	%	80-124	1		04/23/10 22:06	17060-07-0	
Toluene-d8 (S)	102	%	80-123	1		04/23/10 22:06	2037-26-5	

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QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

QC Batch: OEXT/2131 Analysis Method: NWTPH-Dx
QC Batch Method: EPA 3510 Analysis Description: NWTPH-Dx GCS
Associated Lab Samples: 253561001, 253561002, 253561003, 253561004, 253561005, 253561006, 253561007, 253561008

METHOD BLANK: 26460 Matrix: Water
Associated Lab Samples: 253561001, 253561002, 253561003, 253561004, 253561005, 253561006, 253561007, 253561008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range SG	ug/L	ND	80.0	04/23/10 16:46	
Motor Oil Range SG	ug/L	ND	400	04/23/10 16:46	
n-Octacosane (S) SG	%	128	50-150	04/23/10 16:46	
o-Terphenyl (S) SG	%	124	50-150	04/23/10 16:46	

LABORATORY CONTROL SAMPLE & LCSD: 26461 26462

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Range SG	ug/L	5000	4550	4740	91	95	51-147	4	30	
Motor Oil Range SG	ug/L	5000	4730	4930	95	99	20-160	4	30	
n-Octacosane (S) SG	%				121	125	50-150			
o-Terphenyl (S) SG	%				108	112	50-150			

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QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

QC Batch: GCV/1512 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx GCV Water
Associated Lab Samples: 253561001, 253561002, 253561003, 253561004, 253561005, 253561006, 253561007, 253561008, 253561009

METHOD BLANK: 26518 Matrix: Water
Associated Lab Samples: 253561001, 253561002, 253561003, 253561004, 253561005, 253561006, 253561007, 253561008, 253561009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	ND	50.0	04/26/10 09:45	
4-Bromofluorobenzene (S)	%	94	50-150	04/26/10 09:45	
a,a,a-Trifluorotoluene (S)	%	98	50-150	04/26/10 09:45	

LABORATORY CONTROL SAMPLE: 26519

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	ug/L	250	255	102	50-163	
4-Bromofluorobenzene (S)	%			96	50-150	
a,a,a-Trifluorotoluene (S)	%			101	50-150	

SAMPLE DUPLICATE: 26650

Parameter	Units	253560006 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	ug/L	ND	17.7J		
4-Bromofluorobenzene (S)	%	98	95	3	
a,a,a-Trifluorotoluene (S)	%	103	103	.7	

SAMPLE DUPLICATE: 26651

Parameter	Units	253561001 Result	Dup Result	RPD	Qualifiers
Gasoline Range Organics	ug/L	1620	1580	2	
4-Bromofluorobenzene (S)	%	177	179	2	S2
a,a,a-Trifluorotoluene (S)	%	102	103	.6	

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QUALITY CONTROL DATA

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

QC Batch: MSV/2316 Analysis Method: EPA 5030B/8260
QC Batch Method: EPA 5030B/8260 Analysis Description: 8260 MSV Water 10 mL Purge
Associated Lab Samples: 253561001, 253561002, 253561003, 253561004, 253561005, 253561006, 253561007, 253561008, 253561009

METHOD BLANK: 26516 Matrix: Water
Associated Lab Samples: 253561001, 253561002, 253561003, 253561004, 253561005, 253561006, 253561007, 253561008, 253561009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	04/23/10 21:43	
Ethylbenzene	ug/L	ND	1.0	04/23/10 21:43	
Toluene	ug/L	ND	1.0	04/23/10 21:43	
Xylene (Total)	ug/L	ND	3.0	04/23/10 21:43	
1,2-Dichloroethane-d4 (S)	%	98	80-124	04/23/10 21:43	
4-Bromofluorobenzene (S)	%	100	80-120	04/23/10 21:43	
Dibromofluoromethane (S)	%	95	80-122	04/23/10 21:43	
Toluene-d8 (S)	%	99	80-123	04/23/10 21:43	

LABORATORY CONTROL SAMPLE: 26517

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	21.0	105	75-124	
Ethylbenzene	ug/L	20	20.7	104	76-124	
Toluene	ug/L	20	21.5	108	75-124	
Xylene (Total)	ug/L	60	62.8	105	76-123	
1,2-Dichloroethane-d4 (S)	%			100	80-124	
4-Bromofluorobenzene (S)	%			99	80-120	
Dibromofluoromethane (S)	%			103	80-122	
Toluene-d8 (S)	%			100	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 26617 26618

Parameter	Units	253560005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Benzene	ug/L	26.6	20	20	47.5	48.5	105	109	75-124	2	
Ethylbenzene	ug/L	62.8	20	20	81.6	80.5	94	89	76-124	1	
Toluene	ug/L	5.6	20	20	26.4	26.9	104	106	75-124	2	
Xylene (Total)	ug/L	28.1	60	60	92.5	93.5	107	109	76-123	1	
1,2-Dichloroethane-d4 (S)	%						107	101	80-124		
4-Bromofluorobenzene (S)	%						101	104	80-120		
Dibromofluoromethane (S)	%						107	103	80-122		
Toluene-d8 (S)	%						100	99	80-123		

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QUALIFIERS

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

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

BATCH QUALIFIERS

Batch: GCSV/1583

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

S2 Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 00964 - 666 Griffin Avenue, En
Pace Project No.: 253561

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
253561001	MW-1	EPA 3510	OEXT/2131	NWTPH-Dx	GCSV/1583
253561002	MW-2	EPA 3510	OEXT/2131	NWTPH-Dx	GCSV/1583
253561003	MW-3	EPA 3510	OEXT/2131	NWTPH-Dx	GCSV/1583
253561004	MW-4	EPA 3510	OEXT/2131	NWTPH-Dx	GCSV/1583
253561005	MW-5	EPA 3510	OEXT/2131	NWTPH-Dx	GCSV/1583
253561006	MW-6	EPA 3510	OEXT/2131	NWTPH-Dx	GCSV/1583
253561007	MW-7	EPA 3510	OEXT/2131	NWTPH-Dx	GCSV/1583
253561008	MW-11	EPA 3510	OEXT/2131	NWTPH-Dx	GCSV/1583
253561001	MW-1	NWTPH-Gx	GCV/1512		
253561002	MW-2	NWTPH-Gx	GCV/1512		
253561003	MW-3	NWTPH-Gx	GCV/1512		
253561004	MW-4	NWTPH-Gx	GCV/1512		
253561005	MW-5	NWTPH-Gx	GCV/1512		
253561006	MW-6	NWTPH-Gx	GCV/1512		
253561007	MW-7	NWTPH-Gx	GCV/1512		
253561008	MW-11	NWTPH-Gx	GCV/1512		
253561009	Trip Blank	NWTPH-Gx	GCV/1512		
253561001	MW-1	EPA 5030B/8260	MSV/2316		
253561002	MW-2	EPA 5030B/8260	MSV/2316		
253561003	MW-3	EPA 5030B/8260	MSV/2316		
253561004	MW-4	EPA 5030B/8260	MSV/2316		
253561005	MW-5	EPA 5030B/8260	MSV/2316		
253561006	MW-6	EPA 5030B/8260	MSV/2316		
253561007	MW-7	EPA 5030B/8260	MSV/2316		
253561008	MW-11	EPA 5030B/8260	MSV/2316		
253561009	Trip Blank	EPA 5030B/8260	MSV/2316		

Sample Condition Upon Receipt

Pace Analytical

Client Name: Stantec

Project # 253561

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

Optional: Proj. Due Date: Proj. Name:

Tracking #: _____

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: 4.4, 4.8 Biological Tissue is Frozen: Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: 4/22/10 AR

Chain of Custody Present:	☑Yes	☐No	☐N/A
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A
Short Hold Time Analysis (<72hr):	☐Yes	☑No	☐N/A
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A
Sufficient Volume:	☑Yes	☐No	☐N/A
Correct Containers Used:	☑Yes	☐No	☐N/A
-Pace Containers Used:	☑Yes	☐No	☐N/A
Containers Intact:	☐Yes	☑No	☐N/A
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A
Sample Labels match COC:	☑Yes	☑No 4/22/10 AR	☐N/A
-Includes date/time/ID/Analysis Matrix: Water			
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A
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	
Samples checked for dechlorination:	☐Yes	☐No	☑N/A
Headspace in VOA Vials (>6mm):	☑Yes	☐No	☐N/A
Trip Blank Present:	☑Yes	☐No	☐N/A
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A
Pace Trip Blank Lot # (if purchased):			

1.
2.
3.
4.
5.
6.
7.
8.
9.
10. 1 of 6 vials of MW-4 received frozen and broken.
11.
12. Amber bottles did not have sample ID on labels. Times were included.
13.

Initial when completed	Lot # of added preservative

14.
15. 1 of 6 Trip Blanks received with headspace
16.

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: Jenni Gross Date: 4/22/10

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)

Chain Of Custody Record

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

INVOICE REMITTANCE ADDRESS: ConocoPhillips

Purchase Order #: 4512896515
ConocoPhillips AOC#: 00964

DATE: 04/22/10
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: Myron Smith
PROJECT CONTACT (Hardcopy or PDF Report to): Chris Gdak		EDF DELIVERABLE TO (RP or Designee):	PHONE NO.: / E-MAIL:
TELEPHONE: (425) 298-1023 / FAX: (425) 298-1020 / E-MAIL: chris.gdak@stantec.com			LAB USE ONLY: Wo # 2535161
SAMPLER NAME(S) (Print): David Reitz	CONSULTANT PROJECT NUMBER: 212302379		

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)	TEMPERATURE ON RECEIPT C°
		MW-1	4/20	1410	GW	7	X	X	X	4.4, 4.8 / 2535161 001
		MW-2	4/20	1220	GW	7	X	X	X	002
		MW-3	4/20	1140	GW	7	X	X	X	003
		MW-4	4/20	1300	GW	7	X	X	X	004
		MW-5	4/20	1340	GW	7	X	X	X	005
		MW-6	4/20	1110	GW	7	X	X	X	006
		MW-7	4/20	1005	GW	7	X	X	X	007
		MW-11	4/20	1040	GW	7	X	X	X	008
		TB				6	X	HCl	X	009

Relinquished by: (Signature)	Received by: (Signature)	Date: 04/22/10	Time: 0900
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/22/10	Time: 1035
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

8/10/03 Revision

Sample Container Count

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CLIENT: Stantec WO# 253561

COC PAGE 1 of 1

COC ID# _____

Sample Line Item	VG9H	AG1H	AG1U	BG1H	BP1U	BP2U	BP3U	BP2N	BP2S	WGFU	WGKU				Comments
1	6	1/42													
2															
3															
4															
5															
6															
7															
8															
9															Trip Blank
10															
11															
12															Trip Blank? yes

AG1H	1 liter HCL amber glass		BP2S	500mL H2SO4 plastic		JGFU	4oz unpreserved amber wide
AG1U	1liter unpreserved amber glass		BP2U	500mL unpreserved plastic		R	terra core kit
AG2S	500mL H2SO4 amber glass		BP2Z	500mL NaOH, Zn Ac		U	Summa Can
AG2U	500mL unpreserved amber glass		BP3C	250mL NaOH plastic		VG9H	40mL HCL clear vial
AG3S	250mL H2SO4 amber glass		BP3N	250mL HNO3 plastic		VG9T	40mL Na Thio. clear vial
BG1H	1 liter HCL clear glass		BP3S	250mL H2SO4 plastic		VG9U	40mL unpreserved clear vial
BG1U	1 liter unpreserved glass		BP3U	250mL unpreserved plastic		VG9W	40mL glass vial prewelghted (EPA 5035)
BP1N	1 liter HNO3 plastic		DG9B	40mL Na Bisulfate amber vial		VSG	Headspace septa vial & HCL
BP1S	1 liter H2SO4 plastic		DG9H	40mL HCL amber voa vial		WGFU	4oz clear soil jar
BP1U	1 liter unpreserved plastic		DG9M	40mL MeOH clear vial		WGFX	4oz wide jar w/hexane wipe
BP1Z	1 liter NaOH, Zn, Ac		DG9T	40mL Na Thio amber vial		ZPLC	Ziploc Bag
BP2N	500mL HNO3 plastic		DG9U	40mL unpreserved amber vial			
BP2O	500mL NaOH plastic		I	Wipe/Swab			