CONOCOPHILLIPS OPERATIONS AND MAINTENANCE REPORT

ConocoPhillips Facility No.: <u>255353</u>	Address: 600 Westlake Avenue North, Seattle, WA
ConocoPhillips Project Manager:	Kipp Eckert (RM&R 01396)
Consulting Co./Contact Person:	Stantec Consulting Corporation/Jennifer Yotz
Consultant Project No .:	01CP.01396.42
Primary Agency/Regulatory ID No.:	VCP No. NW 1714/Ecology Identifier No. 46445373

The site is a former retail service station located at 600 Westlake Avenue North in Seattle, Washington (Figure 1; the site). Remediation at the site is conducted using air sparge (AS), soil vapor extraction (SVE), and enhanced fluid recovery (EFR). The primary components of the AS/SVE system are a Gast 6066 AS blower, a Rotron EN858 regenerative SVE blower with knock-out tank, and two 2,000 pound vapor-phase carbon vessels used to treat the vapor effluent. The AS/SVE system is connected to three groups of wells. The first group of wells is located on-site, and consists of 20 AS wells and 5 SVE wells. Another group of wells is located in Westlake Avenue, and consists of 21 AS and 9 horizontal SVE wells. The last group of wells connected to the AS/SVE system is located in Terry Avenue, and consists of 9 vertical SVE wells. In addition to the AS/SVE system, there is a EFR manifold that is connected to 6 EFR wells located in Terry Avenue. The remediation system configuration and well network are illustrated in Figure 2.

Currently, the AS/SVE well groups in Westlake and Terry Avenues are active, and the well group located on-site is inactive. Operations and maintenance events are conducted with the AS/SVE system on a monthly basis. Bi-weekly EFR events are conducted using the EFR manifold located along Terry Avenue.

WORK PERFORMED THIS QUARTER [Second-2008]:

Summary of Routine Operations and Maintenance Activities

- On April 3, 2008 Stantec Consulting (Stantec) personnel conducted an EFR event on wells MW-48 and MW-88.
- On April 8, 2008 Stantec personnel conducted and operation and maintenance (O&M) event on the AS/SVE system.
- On April 17, 2008 Stantec personnel conducted an EFR event on wells MW-48 and MW-88.
- On May 9, 2008 Stantec personnel mobilized to the site to conduct the monthly O&M event, but were unable to complete their work due to the power being shut off in preparation for demolition of the station facility. The O&M event was rescheduled for May 15, 2008 to coincide with the EFR event.
- On May 15, 2008 Stantec personnel conducted the rescheduled O&M event from May 9, 2008. The O&M event was conducted on wells SVE-1 through SVE-12 (Terry Avenue network) and AS-1 through AS-21 (Westlake Avenue network). The EFR event was conducted on wells EFR-1 through EFR-3, MW-48, MW-65, and MW-88.

- On May 30, 2008 Stantec personnel conducted an EFR event on wells MW-48 and MW-88.
- On June 5, 2008 Stantec personnel conducted an O&M event on the Terry Avenue network. During this event half of the AS wells in the Westlake Avenue network were shut down to increase the efficiency of the AS blower. It was determined that alternating AS wells in the Westlake Avenue network, which are swapped every-other week during that week's EFR event, would allow the existing AS blower to penetrate the groundwater table more effectively.
- On June 12, 2008 Stantec personnel conducted a EFR event on wells MW-48 and MW-88. During this event the AS wells in Westlake Avenue were alternated.
- On June 26, 2008 Stantec personnel conducted a EFR event on wells EFR-1 through EFR-3, MW-48, MW-65, and MW-88. During this event, the wells actively sparging into Westlake were once again alternated.

Field and analytical data from the operations and maintenance event are included in Tables 1 through 6 of this document. The field and analytical data collected during the EFR events described above are included in Tables 7 through 9 of this document.

AS/SVE System Performance Monitoring

AS/SVE system performance monitoring is conducted at the site on a monthly basis. The system performance monitoring events were conducted on April 8, May 15 and June 5, 2008. During the system performance monitoring on June 5, 2008 half of the AS wells located in Westlake Avenue were shut down to increase the efficiency of the AS blower. It was determined that half of the AS wells would run at a time to keep the efficiency of the AS blower at optimal performance and the active AS wells would be alternated every two weeks, during site visits. A total of 1,323 pounds of petroleum hydrocarbons are known to have been removed by the SVE system between the first quarter of 2004 and the end of first quarter 2008. A total of 0.7 pounds of petroleum hydrocarbons were removed during the first quarter of 2008. Field notes have been included in Attachment A. Current and historical operations and maintenance information is included in Tables 1 through 6.

Petroleum hydrocarbon concentrations were detected in air samples collected from each of the SVE wells in Terry Avenue, with the exception of TSVE-9. TPH-g detections ranged in concentration from 2.55 parts per million by volume (ppmV) at TSVE-5 to 57.9 ppmV at TSVE-10. Benzene detections ranged in concentration from 0.0404 ppmV at TSVE-1 to 0.394 ppmV at TSVE-10. There were no detections in analytical data obtained from air samples collected from the Westlake Avenue manifold. SVE well data is included in Table 3.

Summary of Monthly Discharge Sampling

Stantec personnel collected air samples from the SVE system on April 8, May 15, and June 5 of 2008 in accordance with Puget Sound Clean Air Agency (PSCAA) Permit NO. 8905. Air samples were taken from the carbon influent, midpoint, and effluent ports. Samples were collected in 1-liter Tedlar™ bags, screened for Volatile Organic Compounds (VOCs) using a portable photoionization detector (PID), and placed in a cooler without ice for delivery to Test America Laboratories in Bothell, Washington. Air samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g), benzene, toluene, ethyl benzene and total xylenes (collectively known as BTEX) per methods NWTPH-Gx and EPA 8021B, respectively. Analytical results are summarized in Table 2 and included in Attachment B.

Summary of the Enhanced Fluid Recovery Events

EFR events were conducted every-other week during the second quarter of 2008. The EFR events consisted of applying a vacuum to 6 wells (EFR-1, EFR-2, EFR-3, MW-48, MW-65, and MW-88) and their associated vent wells located in Terry Avenue. Each of the wells has a stinger that is set below the surface of the water table. The stingers are plumbed to a manifold located in a fenced enclosure on the east side of the site. A vacuum was applied to the manifold using a vacuum truck. Consistent with the March 6, 2008 changes to the EFR schedule, the EFR events were conducted on a bi-weekly basis, alternating between two wells (MW-48 and MW-88) and six wells (EFR-1 through EFR-3, ME-48, MW-65, and MW-88). During the two well events both well valves were opened and allowed to run for approximately 8-hours. Similarly, all six wells are opened and allowed to run for 8-hours during the six well events. PID and vacuum readings were taken from each of the wells periodically. Between April and June 2008, the applied vacuum to the EFR wells ranged between 7 and 14 inches of mercury vacuum (in. Hg) (Table 7). A total volume of 6,296 gallons of water was removed during the second quarter 2008 EFR events. VOC monitoring and air sample results indicated consistent vapor concentrations from each of the wells. A site map with existing remediation system layouts is depicted in Figure 2. Field notes are included in Attachment A.

Air and water samples were taken from each well near the beginning and near the end of each EFR event. Air samples were collected in 1-liter Tedlar[™] bags and screened for VOCs using a PID. Water samples were taken using a vacuum pump applied to a small air-water separator. Once the air water separator filled with water the sample was collected from a sample port at the bottom of the air-water separator. The air-water separator was decontaminated between each sample collection. Both air and water samples were taken to Test America Laboratories in Bothell, Washington, and analyzed for TPH-g and BTEX constituents per methods NWTPH-Gx and 8021B, respectively.

WORK PROPOSED FOR NEXT QUARTER [Third – 2008]:

- Continue to monitor system operational performance, perform routine operations and maintenance activities, and collect PSCAA compliance samples on a monthly basis. At the request of ConocoPhillips, the analyses conducted on these samples will be reduced to TPH-g only, as required by PSCAA permit number 8905.
- Continue to conduct bi-weekly EFR events.
- Collect air and water samples from each of the applicable EFR wells near the beginning and end of each event.

Current Phase of Project:	Remediation	(Assessment, Remediation, etc.)
Frequency of Sampling:	Monthly influent, midpoint, and effluent air samples	(Quarterly, etc.)
Frequency of Monitoring:	Quarterly GWM / monthly O&M	(Monthly, etc.)
LPH Present On-Site:	No	(Yes/No)

Current Phase of Project:	Remediation	(Assessment, Remediation, etc.)
LPH Recovered This Quarter:	None	(Gallons)
LPH Recovered to Date:	43,632	(Gallons)
Water Wells or Surface Waters Within 1,000 ft Radius and Respective Directions (if known):	Lake Union (400 feet north)	(Distance and Direction)
Current Remediation Techniques:	AS/SVE and EFR	(SVES, LPH Removal, etc.)
Permits for Discharge:	PSCAA No. 8905	(NPDES, POTW)
Approximate Depth to Groundwater:	4.10 to 15.31	(Feet)
Maximum Air TPH-G/Benzene Concentrations:	<u>TPH-g</u> 378 ppmV (MW-48 on June 26, 2008) <u>benzene</u>	(ppmV)
	1.51 (MW-48 on June 26, 2008)	

ATTACHMENTS:

Figure 1: Site Location Map

Figure 2: Site Map with Existing Remediation System Layout

Table 1: SVE Unit and Vapor Treatment Operation Summary

- Table 2: SVE System Analytical Data
- Table 3: SVE Well Data
- Table 4: Westlake Avenue Air Sparge unit Operational Summary
- Table 5: On Site Air Sparge Unit Operational Summary
- Table 6: Deep Air Sparge Unit Operational Summary
- Table 7: EFR Field Data
- Table 8: EFR Air Analytical Results
- Table 9: EFR Water Analytical Results

Attachment A: AS/SVE Remediation System Operation and EFR Event Logs Attachment B: Laboratory Analytical Reports and Chain-of-Custody Record

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TABLES

TABLE 1 SVE UNIT AND VAPOR TREATMENT OPERATION SUMMARY Former ConocoPhillips Site No. 255353 600 Westlake Avenue North

Seattle, Washington

Date	Operational Time Since Last Event (days)	Power Reading (KWH)	Vapor Extraction Vacuum (inches H2O)	Average Flowrate ¹ (SCFM)	Influent Petroleum Hydrocarbon Concentration ² (ppm)	Petroleum Hydrocarbon Concentration Between Carbons ³ (ppm)	Emission Petroleum Hydrocarbon Concentration ⁴ (ppm)	Estimated Petroleum Hydrocarbons Removed During Operating Period ⁵ (pounds)
01/29/04	45 ⁶	NM	3.0	192	1.2	0.0	0.0	4.2
02/28/04	30	32,432	3.0	192	1.2	0.0	0.0	2.8
03/30/04	31	35,592	3.0	192	2.7	0.2	0.0	6.4
04/28/04	29	38,516	3.5	183	0.1	0.1	0.1	0.2
05/27/04	29	41,465	3.5	183	9.8 ⁹	0.1	0.1	20.9
06/22/04	26	44,045	3.5	183	4.2 ⁹	0.1	0.1	8.0
07/22/04	30	47,097	3.5	183	17.9 ⁹	11.1	1.8	39.4
08/16/04	23	49,449	3.5	183	6.4	0.2	0.1	10.8
09/21/04	26	52,907	3.7	175	10.5	0.3	0.2	19.2
10/28/04	37	58,559	3.5	183	14.1	5.4	1.1	38.3
11/22/04	25	62,578	3.5	183	4.9	0.1	0.0	9.0
12/17/04 ¹⁰	25	66,601	4.0	175	10.7	6.6	2.3	18.8
01/27/0511	21	70,013	4.0	175	1.0	0.6	0.0	1.5
02/17/05	21	73,083	4.0	175	28.9	15.8	0.0	42.6
03/17/05	28	76,709	3.5	183	0.1	0.0	0.0	0.2
04/15/05	29	80,613	3.5	183	4.6	4.2	2.2	9.8
05/11/05	27	84,069	3.5	183	1.7	1.1	0.3	3.4
06/21/05	41	90,727	3.5	183	0.3	3.4	0.0	0.9
08/23/05	63	99,562	4.0	175	45.2	26.9	0.0	200
09/30/05	37	104,474	4.0	183	9.3	0.0	0.0	25.3
10/25/05	25	107,068	4.0	175	11.1	13.0	9.7	19.5
11/30/05	36	109,918	4.0	175	14.1	14.4	0.2	35.6
12/19/05	19	113,376	4.0	175	14.8	14.1	0.1	19.7
12/30/05	11	13,376	4.0	175	14.8	13.7	0.1	11.4
03/28/06	0	14,245	4.0	175	14.4	22.6	14.1	0.0
04/27/06	30	19,313	4.0	120	25.9	26.4	NM	37.4
02/23/07	0	21,831	NM	140	1.0	0.0	0.0	0.0
03/21/07	27	28,495	4.0	279	1.0	0.1	0.7	3.0
04/24/07	34	49,994	4.0	87.3	2.429	0.0	NM	2.9
06/05/07	41	50,539	4.5	87.3	0.09	0.0 9	0.0 9	0.0
06/29/07	21	NM	4.5	87.3	151 ⁹	10.5	18.0	111.1
07/31/07	32	68,120	4.3	87.3	0.09	0.0 9	5.59 ⁹	0.0
08/30/07	30	77,018	4.0	87.3	3.37	0.0 9	NM	3.5
09/19/07 12	18	NM	NM	NM	NM	NM	NM	NM
10/04/07	NM	NM	NM	NM	NM	NM	NM	NM
10/24/07	NM	NM	NM	NM	NM	NM	NM	NM
11/26/07			S			To Knockout Drum Hig		
12/20/07				,		ue To Blower Malfunct		
01/31/08						tallation of New Blowe		
02/29/08		I.	1			tallation of New Blowe		1
03/06/08	0	NM	25	378	0	0	0	0.0
03/26/08	20	NM	15	83.5	1	0	0	0.7
04/08/08	13	NM	NM	NM	NM	NM	NM	NM
05/15/08	7	NM	20	NM	0	0	0	NM
06/05/08	21	NM	18	NM	0	0	0	NM
Total To Date	1,115 ⁷							1,323 ⁸
Total for 2008	61							0.7

Notes:

KWH = kilowatt-hours

SCFM = standard cubic feet per minute

ppm = parts per million

NM = not measured

¹ Flowrate calculated based on air velocity measurments through a 4-inch pipe, recorded in the field.

² Influent petroleum hydrocarbon concentrations based on field measurements using a photoionization detector (PID), unless otherwise indicated.

³ Concentrations between carbon units based on field measurements using a PID, unless otherwise indicated.

⁴ Effluent concentrations based on field measurements using a PID, unless otherwise indicated.

⁵ Hydrocarbons removed during each operating period estimated using influent concentration, average flowrate, and operational time period.

⁶ Operation and maintenance of the remedial system was performed on 12/15/03 by the previous consultant. Delta assumed operation and maintenance of the system during January 2004.

⁷ Total operational time to date includes 107.1 days operated by previous consultant, from system startup on 8/20/03 through 12/15/03.

⁸ Total estimated petroleum hydrocarbons removed to date includes 616.9 pounds reportedly removed by previous consultant, from system startup on 8/20/03 through 12/15/03 ⁹ Petroleum hydrocarbon concentration from laboratory analysis.

¹⁰ At the request of ConocoPhillips, the remedial system was shut down upon departure of the site on 12/17/04, to be restarted at a later date.

¹¹ At the request of ConocoPhillips, the remedial system was restarted on 1/6/05.

¹² The on site remediation system was shut down so that the Westlake Avenue remediation well network could be temporarily connected to the on site system.

TABLE 2

SVE System Analytical Data

Former ConocoPhillips Site No. 255353

600 Westlake Avenue North

Seattle, Washington

Sample ID	Date	TPH-g (ppmV)	Benzene (ppmV)	Toluene (ppmV)	Ethylbenzene (ppmV)	Total Xylenes (ppmV)
Total Influent	10/01/07	5.17	0.0783	0.0479	<0.0227	<0.0454
	10/24/07	5.14	0.0655	<0.0261	<0.0227	<0.0454
	03/26/08	4.14	<0.0308	0.0309	<0.0227	<0.0454
	04/08/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
Mid-Point	10/01/07	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	10/24/07	<2.36	<0.0308	0.04	<0.0227	<0.0454
	03/26/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	04/08/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
Total Effluent	10/24/07	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	03/26/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	04/08/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454

TABLE 3SVE WELL DATAFormer ConocoPhillips Site No. 255353600 Westlake Avenue NorthSeattle, Washington

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Sample ID	Date	TPH-g (ppmV)	Benzene (ppmV)	Toluene (ppmV)	Ethylbenzene (ppmV)	Total Xylenes (ppmV)
TSVE-1	05/15/08	6.31	0.0404	0.0366	<0.0227	0.0605
_	06/05/08	<2.36	< 0.0308	< 0.0261	<0.0227	< 0.0454
TSVE-2	05/15/08	13.2	0.0989	0.0711	0.0231	0.0929
	06/05/08	15.6	0.0605	<0.0261	<0.0227	0.119
TSVE-3	05/15/08	11.1	0.0776	0.0566	<0.0227	0.0865
	06/05/08	5.55	<0.0308	<0.0261	0.0391	0.494
TSVE-4	05/15/08	13.6	0.0962	0.0688	0.0248	0.1000
	06/05/08	2.89	<0.0308	<0.0261	<0.0227	<0.0454
TSVE-5	05/15/08	13.2	0.0964	0.0707	0.0252	0.1020
	06/05/08	2.55	<0.0308	<0.0261	<0.0227	<0.0454
TSVE-6	05/15/08	2.58	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
TSVE-7	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
TSVE-8	05/15/08	30.3	0.168	0.124	0.0445	0.180
	06/05/08	<2.36	<0.0308	<0.0261	<0.0227	0.0909
TSVE-9	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
TSVE-10/	05/15/08	57.9	0.394	0.2690	0.104	0.401
MW-66	06/05/08	29.9	0.187	0.142	0.0687	0.5120
TSVE-11/	05/15/08	31.6	0.228	0.158	0.056	0.226
MW-67	06/05/08	2.44	<0.0308	<0.0261	<0.0227	<0.0454
TSVE-12/	05/15/08	31.7	0.233	0.1610	0.0576	0.2310
MW-68	06/05/08	2.86	<0.0308	<0.0261	<0.0227	0.0733
A-1	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
A-2	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
A-3	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
B-1	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
B-2	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
B-3	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
C-1	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
C-2	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
C-3	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454

TABLE 4 WESTLAKE AVENUE AIR SPARGE UNIT OPERATIONAL SUMMARY Former ConocoPhillips Site No. 255353 600 Westlake Avenue North Seattle, Washington

Dato	Header			Air Flowra	Flowrates per Air Spar	Sparge Point	int (SCFM)		
המופ	Pressure	AS-1	AS-2	AS-3	AS-4	AS-5	AS-6	AS-7	AS-8
04/08/08	NM	NM	NM	NM	NM	NM	NM	NM	NM
05/15/08	MN	<2	<2	<2	<2	<2	3.0	8.0	<2
06/05/08	MN	NM	NM	NM	NM	NM	MN	NM	NM
Average:	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

	Header			Air Flowrates	per	Air Sparge Point	int (SCFM)		
nale	Pressure	AS-9	AS-10	AS-11	AS-12	AS-13	AS-14	AS-15	AS-16
04/08/08	MN	MN	MN	MN	MN	MN	MN	MN	MN
05/15/08	MN	<2	<2	<2	<2	<2	5.0	2.5	2.5
06/05/08	MN	NM	NM	MN	MN	MN	NM	NM	NM
Average:	A/N	N/A	V/N	N/A	N/A	N/A	N/A	N/A	N/A

Dato	Header	Air Fl	owrates pe	er Air Sparç	Air Flowrates per Air Sparge Point (SCFM)	CFM)
חמופ	Pressure	AS-17	AS-18	AS-19	AS-20	AS-21
04/08/08	MN	MN	MN	MN	MN	ΜN
05/15/08	<2	<2	3.0	3.6	3.8	3.0
06/05/08	MN	NM	NM	NM	NM	MN
Average:	V/N	N/A	N/A	N/A	N/A	N/A

Notes:

psig = pounds per square inch, gauge SCFM = standard cubic feet per minute

NIO = not in operation

NM = not measured

¹ At the request of ConocoPhillips, the remedial system was shut down upon departure of the site on 12/17/04, to be restarted at a later date.

 2 At the request of ConocoPhillips, the remedial system was restarted on 1/6/05.

TABLE 5 ON SITE AIR SPARGE UNIT OPERATIONAL SUMMARY Former ConocoPhilling Site No. Drenze

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600 Westlake Avenue North Seattle, Washington

	Lobdor								<u> </u>	Doint						
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Uate	Pressure (psig)	AS-1	AS-2	AS-3	AS-4	AS-5	AS-6	AS-7	AS-8	AS-9	AS-10	AS-11	AS-12	AS-13	AS-14	AS-15
01/29/04	5	11	12	12	10	11	12	13	ω	∞	ო	ů	5	11	12	ω
02/28/04	4	11	12	14	11	11	12	13	8	8	3	4	<3	10	11	6
03/30/04	5	11	12	14	11	12	12	14	8	8	<3	33	<3	10	12	8
04/28/04	MN	10.5	11.5	14	10.5	11	11.5	13.5	8	7.5	<3	<3	<3	6	10.5	7
05/27/04	4.5	10	11	14	6	10	11	12	7	7	<3	<3	<3	5.5	6	7.5
06/22/04	4.5	11	11	14	10	11	11	12	12.5	11	<3	<3	<3	<3	10	8
07/22/04	4	12	13	16	11	12	12	13	8	5.5	<3	<3	<3	<3	10.5	8
08/16/04	4.5	10	11.5	16	9.5	11	12	10.5	8	5.5	<3	<3	<3	<3	9.5	10.5
09/21/04	4.5	10	10	11.5	8.5	6	9.5	11	9	4.5	<3	<3	4	<3	9.5	7
10/28/04	4.5	9.5	10	11.5	9.5	6	9.5	10.5	5.5	4	<3	<3	<3	<3	10	6
11/22/04	4.5	8.5	10	10.5	6	6	9.5	10.5	5	3.5	<3	°3	<3	<3	8	9
12/17/04 ¹	4.5	8.0	8.7	9.7	7.8	7.5	8.5	9.5	4	3.2	<3	<3	<3	<3	10	7
01/27/05 ²	4.5	8.0	8.7	9.5	7.6	7.5	8.2	9.4	3.8	3.2	<3	33	<3	<3	10	5
02/17/05	4.5	8.0	8.8	9.7	7.7	7.5	8.3	9.2	3.6	3	<3	33	<3	<3	9.7	5
03/17/05	4.5	6.0	9.5	11.5	8.5	8	6	8	3	3	<3	<3	<3	<3	10	<3
04/15/05	5	8.0	6	11	8	8	8.5	4	<3	<3	<3	<3	<3	<3	6	4.5
05/11/05	5	8.2	6	11.5	8	8	8.5	3	<3	<3	<3	<3	<3	<3	8.5	З
06/21/05	7	5.0	4.5	5	4.5	3	3.5	3.5 E	6	5 E	<3	<3	<3 E	<3	5.5	5 E
08/23/05	7	5.0	5	5.5	5	•	1	1	7	6	1	1	1	0	4	6
09/30/02	8	5.5	5.5	7	9	3	<3	<3E	5.5	6.5	<3	<3	<3	<3	4	<3
10/25/05	8.5	<3	5	9	5.5	<3	<3	<3	5.5	7.5	<3	<3	4E	<3	4	<3
11/30/05	2.2	14.0	8	4E	7.5	<3	3E	<3	5E	7.5E	ı	<3	<3	<3	5.5	<3
12/30/05	4.2	13.5	10	<3	8	<3	<3	<3	<3	7	<3	<3	<3	<3	5.5	<3
03/28/06	4	8.5	3.2	2	4.2	2.5	2.5	2	2.5	3.8	3.8	8.6	4.8	5.8	4	2.5
04/27/06	OIN	NIO	OIN	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	OIN	OIN	NIO	NIO
02/23/07	3	7	7	0	4.5	0	3.5	0	10	14.5	0	0	0	0	8	0
03/21/07	9	15	10	4	7	0	9	0	7	10	5.5	2.5	4.5	2	12	2
04/24/07	5	15.5	10	0	7	0	0	0	5.5	6	0	0	0	0	6	0
06/05/07	5	15	10	2.5	9	0	0	0	5	10	0	0	0	0	10	0
06/29/07	5	16	10	0	7	0	0	0	5	11	0	0	0	0	10	0
07/31/07	5	14.5	7.75	2	4	2	2	1.5	3.75	6	1.5	1.5	1.5	1.5	9.5	1.5
08/30/07	5.5	13	8	1.5	10	1.5	2	1.5	ю	6	1.5	1.5	1.5	1.5	6	1.5
09/19/07	OIN	OIN	OIN	OIN	OIN	OIN	NIO	OIN	NIO	OIN	NIO	NIO	NIO	OIN	NIO	NIO

1 of 2

	Header						Air Flo	Air Flowrates per Air Sparge Point (SCFM)	r Air Spar	ge Point (SCFM)					
Date	Pressure (psig)	AS-1	AS-2	AS-3	AS-4	AS-5	AS-6	AS-7	AS-8	AS-9	AS-10	AS-11	AS-12	AS-13	AS-14	AS-15
10/01/07	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN	MN
10/24/07	WN	MN	ΜN	ΜN	MN	ΜN	MN	MN	MN	MN	MN	MN	MN	MN	ΜN	MN
11/26/07	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN
12/20/07	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN
01/31/08	OIN	OIN	OIN	OIN	NIO	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	OIN	NIO
02/29/08						System	System Down Pending Installation of New Compressor	ding Instal	lation of N	ew Compr	essor					
03/06/08	11.5			Ž	o Longer l	No Longer Moniter On Site AS System - Currently Monitor AS System Located in Westlake AVE	Site AS S	ystem - Cu	Irrently Mo	nitor AS S	ystem Loc	ated in Wε	estlake AV	Е		
Average:	4.9	10.3	9.1	8.5	7.8	6.3	6.8	7.0	6.2	7.0	1.8	1.9	2.0	4.0	8.7	4.7

ON SITE AIR SPARGE UNIT OPERATIONAL SUMMARY

TABLE 5

Former ConocoPhillips Site No. 255353 600 Westlake Avenue North Seattle, Washington

Notes:

psig = pounds per square inch, gauge

SCFM = standard cubic feet per minute

NIO = not in operation

NM = not measured

¹ At the request of ConocoPhillips, the remedial system was shut down upon departure of the site on 12/17/04, to be restarted at a later date. ² At the request of ConocoPhillips, the remedial system was restarted on 1/6/05.

TABLE 6 DEEP AIR SPARGE UNIT OPERATIONAL SUMMARY Former ConocoPhillips Site No. 255353

600 Westlake Avenue North Seattle, Washington

	Header		Air Flowrate	s per Air Sparge I	Point (SCFM)	
Date	Pressure (psig)	DAS-1	DAS-2	DAS-3	DAS-4	DAS-5
01/29/04	NIO	NIO	NIO	NIO	NIO	NIO
02/28/04	12	NIO	3	5	3.5	<3
03/30/04	NIO	NIO	NIO	NIO	NIO	NIO
04/28/04	NIO	NIO	NIO	NIO	NIO	NIO
05/27/04	NIO	NIO	NIO	NIO	NIO	NIO
06/22/04	NIO	NIO	NIO	NIO	NIO	NIO
07/22/04	NIO	NIO	NIO	NIO	NIO	NIO
08/16/04	NIO	NIO	NIO	NIO	NIO	NIO
09/21/04	NIO	NIO	NIO	NIO	NIO	NIO
09/22/04 ¹	10.5*	NIO	5*	22*	4*	7*
10/28/04	10.5	NIO	5	22	4	7
11/22/04	10.5	NIO	6	5.5	4	7.5
12/17/04 ²	11	NIO	6.5	3.5	4	6.5
01/27/05 ³	11	NIO	6.5	4	<3	5
02/17/05	11.5	NIO	7.5	4 E	4 E	4 E
03/17/05	13.5	NIO	4	<3	<3	5
04/15/05	11.5	NIO	9	3 E	3 E	4 E
05/11/05	11.5	NIO	9.2	3	<3 E	5 E
06/21/05	14.5	NIO	4.5	3.5 E	3 E	6.5
08/23/05	NM	NIO	NM	NM	NM	NM
09/30/05	16.5	NIO	5.5	3.5	<3	<3
10/25/05	13.5	NIO	5	3.5	6	5
11/30/05	12.5	NIO	6	7	<3	13
12/30/05	NIO	NIO	NIO	NIO	NIO	NIO
03/28/06	NIO	NIO	NIO	NIO	NIO	NIO
04/27/06	11.5	NIO	7	5	5	14.75
02/23/07	12.5	NIO	7	3	3	17
03/21/07	13.5	NIO	7.5	3.5	5.5	7.5
04/24/07	12	NIO	7	9	6	7
06/05/07	12.5	NIO	6.5	8.5	4	7
06/29/07	13	NIO	5	7	3.5	8
07/31/07	13	NIO	3	7.5	4.5	8
08/30/07	12.6	NIO	4	7	5	8
09/19/07	NM	NM	NM	NM	NM	NM
10/01/07 10/24/07	NM NM	NM NM	NM NM	NM NM	NM NM	NM NM
11/26/07	INIVI	INIVI		Longer in Operation		INIVI

TABLE 6 DEEP AIR SPARGE UNIT OPERATIONAL SUMMARY

Former ConocoPhillips Site No. 255353 600 Westlake Avenue North Seattle, Washington

Notes:

psig = pounds per square inch, gauge SCFM = standard cubic feet per minute

NIO = not in operation

NM = not measured

- E = Erratic readings
- * Estimated value

¹ The DAS system was modified and restarted on 9/22/04. DAS pressure and flowrates are estimated based on values recorded during fourth guarter monitoring in October 2004.

 2 At the request of ConocoPhillips, the remedial system was shut down upon departure

of the site on 12/17/04, to be restarted at a later date.

 3 At the request of ConocoPhillips, the remedial system was restarted on 1/6/05.

TABLE 7EFR FIELD DATAFORMER CONOCOPHILLIPS SITE 255353600 WESTLAKE AVENUE NSEATTLE, WA

Total Gallons of	Water Kemoved		£11	0		1,018			1,425			1,636				1 760	1,103						1,253								1 036	1,300				
MW-88	VOCs	(Jmdd)	NA	NR	NA	AN	175	NA	14.8	5.8	NA	NA	5.6	10.1	9.7	9.8	NA	AN	NA	NA	AN	AA	NA	0.0	0.0	NR	NA	AN	NA	AN	NA	0.0	0.0	0.1	0.1	0.0
MM	Vacuum	(In. Hg)	NA	3	NA	ΝA	6.3	NA	6.3	6.3	NA	NA	NR	9.9	6.4	6.7	NA	ΝA	NA	NA	ΝA	NA	NA	6	8.5	6	NA	ΝA	NA	ΝA	NA	6	8	8	8	8
MW-65	VOCs	(Vmqq)	NA	NR	NA	NA	5.2	NA	1.7	1.7	NA	NA	0	3.7	1.2	0.5	NA	NA	NA	NA	NA	NA	NA	0.0	0.0	NR	NA	NA	NA	NA	NA	0.0	0.0	0.0	0.0	0.0
MM	Vacuum	(In. Hg)	NA	3	NA	NA	6.3	NA	6.6	6.6	NA	NA	NR	6.6	6.4	6.7	NA	NA	NA	NA	NA	NA	NA	6	6	6	NA	NA	NA	NA	NA	8	8	6	8	6
MW-48	VOCs	(ppmV)	NA	NR	NA	NA	3.2	NA	3.7	2.5	NA	NA	1.5	1.2	0.5	0	NA	NA	NA	NA	NA	NA	NA	0.0	0.0	NR	NA	NA	NA	NA	NA	0.0	0.0	0.2	0.0	0.0
MM	Vacuum	(In. Hg)	NA	3	NA	NA	6.3	NA	6.6	6.6	NA	NA	NR	6.6	6.4	6.7	NA	NA	NA	NA	AN	NA	NA	6	6	8.5	NA	NA	NA	NA	NA	8	8	8	8	8
EFR-3	VOCs	(ppmV)	NR	NA	NR	0.0	NA	0.2	NA	NA	0.5	0.0	NA	NA	NA	NA	0.5	0	NR	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA
EFI	Vacuum	(In. Hg)	3	NA	4.4	4.4	NA	5.5	NA	NA	6.3	6.3	NA	NA	NA	NA	6.4	6.1	6.2	9.0	0.0	9.0	9.0	NA	NA	NA	8.0	8.0	8.0	8.0	8.0	NA	NA	NA	NA	NA
EFR-2	VOCs	(ppmV)	NR	NA	NR	0.0	NA	0.1	NA	NA	0.6	0.0	NA	NA	NA	NA	1.2	0.1	NR	5.3	0.0	0.0	0.0	NA	NA	NA	0.2	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA
EFI		(In. Hg)		NA	4.4	4.4	NA	5.5	NA	NA	6.3	6.3	NA	NA	NA	NA	6.5	6.2	6.3	9.0	0.6	9.0	9.0	NA	NA	NA	8.0	8.0	8.0	8.0	8.0	NA	NA	NA	NA	NA
-1	VOCs	(ppmV)	NR	NA	NR	0.0	NA	0.3	NA	NA	0.5	0.4	NA	NA	NA	NA	5.7	4.7	NR	0.0	0.0	0.0	0.0	NA	NA	NA	0.0	0.0	0.1	0.0	0.0	NA	NA	NA	NA	NA
EFR-1	Vacuum	(In. Hg)	3	NA	4.4	4'4	AN	5.9	AN	AN	6.3	6.3	AN	AN	AN	AN	6.4	6.1	6.3	9.0	0.6	0.6	0.6	AN	NA	NA	8.0	0.6	0.6	0.8	8.0	NA	AN	NA	NA	AN
i	emi		8:30	12:30	00:6	11:00	13:00	9:15	13.15	15:00	9:00	12:30	13:00	8:10	10:02	12:01	12:12	14:11	16.:22	9:05	10:25	11:30	12:25	13:00	14:20	15:40	9:53	10:50	11:30	12:15	13:20	13:30	14:00	14:30	15:30	16:30
	Date		10/24/07		11/15/07			11/29/07			12/13/07			12/27/07						01/10/08							01/24/08									

600 WESTLAKE AVENUE N SEATTLE, WA

Total Gallons of	Water Removed During Event						1 407	104.1												1 077	1.0.1												1 036	000					
MW-88	VOCs (ppmV)	NA	AN	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	AN	NA	NA	NA	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MW	Vacuum (In. Hq)	NA	NA	NA	NA	13	13	13	13	12	13	12	13	NA	٧N	٧N	٧N	AN	٨A	NA	10	12	12	12	12	12	12	12	15	15	15	12	12	15	15	13	15	14	15
MW-65	VOCs (ppmV)	NA	NA	NA	NA	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	NA	٨A	ΝA	ΝA	AN	AN	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	AN	NA									
MW	Vacuum (In. Hq)	NA	NA	NA	NA	13	13	13	13	12	13	13	13	NA	٨A	ΝA	ΝA	AN	AN	NA	10	11	12	12	12	12	12	NA	AN	NA	NA	AN	NA						
MW-48	VOCs (ppmV)	NA	NA	NA	NA	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	NA	NA	NA	NA	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MM	Vacuum (In. Hq)	NA	NA	NA	NA	13	13	12	12	12	12	13	13	NA	NA	NA	NA	NA	NA	NA	10	12	12	12	12	12	12	12	15	15	15	12	12	15	15	13	15	14	15
EFR-3	VOCs (ppmV)	0	0	0	0	NA	0	0	0	0	0	0	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
H	Vacuum (In. Hq)	14.0	14.0	16.0	16.0	NA	12.0	16.0	13.0	0.6	0.6	11.0	15.0	NA	NA	NA	NA	AN	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA							
EFR-2	VOCs (ppmV)	0.1	0.4	0.2	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
Ш	Vacuum (In. Hq)	14.0	15.0	16.0	16.0	NA	12.0	16.0	13.0	0.6	9.0	10.0	15.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
5	VOCs (ppmV)	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	NR	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
EFR-1	Vacuum (In. Hq)	14.0	15.0	16.0	16.0	NA	12.0	16.0	13.0	10.0	0.6	0.6	15.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA														
i	lime	10:35	11:15	11:35	12:35	12:50	13:30	14:30	15:00	16:00	16:30	17:00	17:30	8:17	8:50	9:15	9:45	10:30	11:00	12:00	12:20	13:00	13:51	14:15	15:00	15:25	16:10	9:00	9:30	10:05	10:50	11:20	12:20	12:45	13:20	14:00	15:00	15:39	16:30
	Date	02/07/08												02/21/08														03/06/08											

ORMER CONOCOPHILLIPS SITE 255353	600 WESTLAKE AVENUE N	SEATTLE, WA
	FORMER CONOCOPHILLIPS SITE 255353	FORMER CONOCOPHILLIPS SITE 255353 600 WESTLAKE AVENUE N

EFR-1 EFR-2 EFR- m VOCs Vacuum VOCs Vacuum i) (ppmV) (in. Hg) (ppmV) (in. Hg)	EFR-2 EFR-3 EFR VOCs Vacuum VOCs Vacuum (ppmV) (In. Hg) (ppmV) (In. Hg)	EFR-2 EFR Ium VOCs Vacuum Hg) (ppmV) (in. Hg)	EFR. OCs Vacuum pmV) (In. Hg)		?-3 VO (ррі	-3 VOCs (ppmV)	MW-48 Vacuum V (In. Hg) (p	-48 VOCs (ppmV)	MW Vacuum (In. Hg)	MW-65 um VOCs lg) (ppmV)	MM Vacuum (In. Hg)	MW-88 Im VOCs g) (ppmV)	Total Gallons of Water Removed During Event
12.0 0.0 12.0 0.0 12.0 10.0 0.0 10.0 12.0	12.0 0.0	0.0		12.0		00	AN AN	AN MA	AN	AN	AN	AN	
0.0 7.0 0.0	7.0 0.0	0.0		7.0		0	AN	AN	AN	AN	AN	AN	
9.0 0.0	9.0 0.0	0.0		9.0		0	NA	AN	NA	NA	NA	AN	
0.0 9.0 0.0	9.0 0.0	0.0		9.0		0	NA	NA	NA	NA	NA	NA	
0.0 9.0 0.0	9.0 0.0	0.0		0.0		0	NA	NA	NA	NA	NA	NA	2,001
NA NA NA	NA NA	NA		NA		NA	7	0.0	8	0.0	8	0.0	
NA NA NA	NA NA	NA		NA		NA	6	0.0	10	0.0	11	0.0	
NA NA NA	NA NA	NA		NA		NA	9	0.1	9	0.0	6	0.0	
NA NA NA	NA NA	NA		NA		NA	7	0.0	7	0.0	7	0.0	
NA NA NA	NA NA	NA		NA		NA	12	0.0	12	0.0	12	0.0	
NA NA NA	NA NA	NA		NA		NA	10	0.0	NA	NA	10	0.0	
NA NA NA	NA NA	NA		AN		NA	6	0.0	NA	NA	10	0.0	
NA NA NA	NA NA	NA		AN		NA	11	0.0	NA	NA	11	0.0	
NA NA NA	NA NA	NA		AN		NA	11	0.0	NA	NA	11	0.0	
NA NA NA	NA NA	NA		NA		NA	11	0.0	NA	NA	11	0.0	870
NA NA NA	NA NA	NA		NA		NA	11	0.0	NA	NA	10	0.0	610
NA NA NA	NA NA	NA		NA		NA	11	0.0	NA	NA	11	0.0	
NA	NA NA	NA		NA		NA	11	0.0	NA	NA	11	0.0	
NA NA NA	NA NA	NA		NA		NA	11	0.0	NA	NA	11	0.0	
NA NA NA	NA NA	NA		NA		NA	11	0.0	NA	NA	11	0.0	
NA NA NA	NA NA	NA		AN		NA	15	0.0	NA	NA	14	0.0	
NA NA NA	NA NA	NA		NA		NA	12	0.0	NA	NA	12	0.0	
NA NA NA	NA NA	NA		NA		NA	13	0.0	NA	NA	13	0.0	
	NA NA	NA		NA		NA	12	0.0	NA	NA	13	0.0	
NA NA NA	NA NA	NA		AN		NA	13	0.0	NA	NA	13	0.0	778
NA	NA NA	NA		NA		NA	12	0.0	NA	NA	12	0.0	
NA NA NA	NA NA	NA		NA		NA	13	0.0	NA	NA	13	0.0	
NA NA NA	NA NA	NA		NA		NA	13	0.0	NA	NA	13	0.0	
NA	NA NA	NA		NA		NA	13	0.0	NA	NA	13	0.0	
0.0	10.0 0.0	0.0		10.0		0	NA	NA	NA	NA	NA	NA	
NA NA NA	NA NA	NA		AN		NA	10	0.0	10	0.0	6	0.0	
0.0	12.0 0.0	0.0		10.0		0	NA	NA	NA	NA	NA	NA	
NA NA NA	NA NA	NA		NA		NA	10	0.0	10	0.0	10	0.0	1 061
0.1 12.0	12.0 0.0	0.0		11.0		0	NA	NA	NA	NA	NA	NA	1,301
NA	NA NA	AN		NA		NA	10	0.0	11	0.0	10	0.0	
NA NA	NA NA	NA		AN		NA	10	0.0	11	0.0	6	0.0	
0.0 10.0 0.0	10.0 0.0	0.0		10.0		0	NA	AN	NA	NA	NA	NA	

FORMER CONOCOPHILLIPS SITE 255353 600 WESTLAKE AVENUE N SEATTLE, WA **EFR FIELD DATA TABLE 7**

Total Gallons of	water removed During Event					629							z,043	
MW-88	VOCs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.1	0.9	2.3
MW	Vacuum	13	11	12	12	11	12	12	12	12	2	6	10	10
MW-65	VOCs (nnmV)	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	1.0	0.7	3.5
MM	Vacuum	AN	NA	NA	NA	NA	NA	NA	NA	NA	7	6	10	10
MW-48	VOCs	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.9	5.8	5.0	20.8
MM	Vacuum	12	12	12	11	11	12	11	11	12	7	6	10	10
EFR-3	VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.4	0.6	0.1	2.1
ЫЭ	Vacuum	AN	NA	NA	NA	NA	NA	NA	NA	NA	9.0	0.6	9.0	10.0
EFR-2	VOCs	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.4	1.6	0.0	2.0
Ξ	Vacuum		NA	NA	NA	NA	NA	NA	NA	NA	8.0	0.6	9.0	10.0
-1	VOCs	NA	NA	NA	NA	NA	AN	AN	NA	NA	0.3	1.5	0.7	4.7
EFR-1	Vacuum	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.0	0.6	0.6	10.0
· ····		7:50	00:6	10:00	11:07	12:15	13:20	14:00	15:00	16:15	8:10	10:10	11:40	15:20
	Date	05/30/08									06/26/08			

Notes: In. Hg = Inches of Mercury Vacuum VOCs - Volatile Organic Compounds measured using a Photo-ionization detector. VOCs are measured in parts per millions volume. NA - Not Applicable. Extraction not conducted at this well, during this event.

TABLE 8EFR AIR ANALYTICAL RESULTSFORMER CONOCOPHILLIPS SITE 255353

600 WESTLAKE AVENUE N

SEATTLE, WA

			,			
Well	Date	TPH-g (ppmV)	Benzene (ppmV)	Toluene (ppmV)	Ethylbenzene (ppmV)	Total Xylenes (ppmV)
EFR-1	11/15/2007 ^a	<2.36	<0.617	<0.523	<0.454	<0.908
	12/13/2007	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	1/10/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	2/7/2008 ^a	<2.36	<0.617	<0.523	<0.454	<0.908
	3/20/2008	<2.36	<0.0308	<0.0261	<0.0227	0.0485
start	5/15/2008	<2.36	<0.0308	0.0262	<0.0227	0.0502
end	5/15/2008	<2.36	<0.0308	<.0261	<0.0227	<0.0454
start	6/26/2008	<2.36	<0.0308	<.0261	<0.0227	<0.0454
end	6/26/2006	5.12	<0.0308	<.0261	0.0362	0.0478
EFR-2	11/15/2007 ^a	<2.36	<0.617	<0.523	<0.454	<0.908
	12/13/2007	<2.36	< 0.0308	< 0.0261	<0.0227	< 0.0454
	1/10/2008	<2.36	< 0.0308	<0.0261	<0.0227	< 0.0454
	2/7/2008 ^a	<2.36	<0.617	<0.523	<0.454	<0.908
	3/20/2008	<2.36	<0.0308	<0.0261	<0.0227	< 0.0454
start	5/15/2008	<2.36	< 0.0308	< 0.0261	<0.0227	< 0.0454
end	5/15/2008	<2.36	< 0.0308	< 0.0261	<0.0227	< 0.0454
start	6/26/2008	<2.36	< 0.0308	< 0.0261	<0.0227	< 0.0454
end	6/26/2008	32.5	0.19	0.235	0.24	0.278
EFR-3	11/15/2007 ^a	<5.9	<0.617	<0.523	<0.454	<0.908
LIKU	12/13/2007	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	1/10/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	2/7/2008 ^a	<2.36	<0.617	<0.523	<0.454	< 0.908
	3/20/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.908
start	5/15/2008	<2.36	<0.0308	<0.0201	<0.0227	<0.0454
end	5/15/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
start	6/26/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	6/26/2008	3.94	<0.0308	<0.0261	0.0391	0.0554
MW-48	11/15/2007 ^a	6.02	< 0.617	<0.523	< 0.454	<0.908
10100-40	12/13/2007	2.55	0.179	0.0458	0.144	0.300
	1/10/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	2/7/2008 ^a	<2.36	<0.617	<0.523	<0.454	<0.908
start	3/6/2008	<2.36	<0.0308	<0.0261	<0.434	<0.908
end	3/6/2008	<2.36	<0.0308	<0.0201	<0.0227	<0.0454
enu	3/20/2008	<2.36	<0.0308	<0.0201	<0.0227	<0.0454
start	4/3/2008	<2.36	<0.0308	<0.0201	<0.0227	<0.0454
end	4/3/2008	<2.36	<0.0308	0.0201	<0.0227	0.0536
start	4/17/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0350
end	4/17/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
start	5/15/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	5/15/2008	25.1	0.234	0.166	0.0749	0.0652
start	5/30/2008	<2.36	<0.0308	< 0.0261	<0.0227	< 0.0454
end	5/30/2008	<2.36	<0.0308	<0.0261	<0.0227	< 0.0454
start	6/12/2008	<2.36	<0.0308	<0.0261	<0.0227	< 0.0454
end	6/12/2008	<2.36	<0.0308	<0.0261	<0.0227	< 0.0454
start	6/28/2008	3.63	< 0.0308	<0.0261	0.0327	< 0.0454

TABLE 8EFR AIR ANALYTICAL RESULTSFORMER CONOCOPHILLIPS SITE 255353

600 WESTLAKE AVENUE N

SEATTLE, WA

Well	Date	TPH-g (ppmV)	Benzene (ppmV)	Toluene (ppmV)	Ethylbenzene (ppmV)	Total Xylenes (ppmV)
end	6/26/2008	378	1.51	2.16	2.72	3.36
MW-65	11/15/2007 ^a	3.21	<0.617	<0.523	<0.454	<0.908
	12/13/2007	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	1/10/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	2/7/2008 ^a	<2.36	<0.617	<0.523	<0.454	<0.908
	3/20/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
start	5/15/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	5/15/2008	6.59	0.0516	<0.0261	<0.0227	<0.0454
start	6/28/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	6/26/2008	3.05	0.0516	<0.0261	0.0567	0.0958
MW-88	11/15/2007 ^a	539	<0.617	<0.523	<0.454	<0.908
	12/13/2007	7.98	0.0682	0.0792	0.532	0.596
	1/10/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	2/7/2008 ^a	<2.36	<0.617	<0.523	<0.454	<0.908
start	3/6/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	3/6/2008	2.63	<0.0308	0.0262	0.0308	0.108
	3/20/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
start	4/3/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	4/3/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
start	4/17/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	4/17/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
start	5/15/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	5/15/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
start	5/30/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	5/30/2008	<2.36	<0.0308	0.0687	<0.0227	0.0778
start	6/12/2008	<2.36	<0.0308	0.0687	<0.0227	0.0778
end	6/12/2008	<2.36	<0.0308	0.0687	<0.0227	0.0778
start	6/28/2008	<2.36	<0.0308	0.0687	<0.0227	0.0778
end	6/26/2008	3.03	<0.0308	0.0687	0.0285	0.0778

Notes:

ppmV = parts per million Volume

< - Analytical results were below the reported detection limits

NA - Not Applicable

a - BTEX constituents analyzed per EPA method 8260B

TABLE 9EFR WATER ANALYTICAL RESULTSFORMER CONOCOPHILLIPS SITE 255353600 WESTLAKE AVENUE N

SEATTLE,	WA
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Well	Date	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
EFR-1	11/15/2007	<50	<0.500	<0.500	<0.500	<3.00
	12/13/2007	<50	<0.500	<0.500	<0.500	<1.00
	1/10/2008	<50	<0.500	<0.500	<0.500	<1.00
	2/7/2008	<50	<0.500	<0.500	<0.500	<1.00
	3/20/2008	<50	<0.500	<0.500	<0.500	<1.00
start	5/15/2008	<50	<0.500	<0.500	<0.500	<1.00
end	5/15/2008	160	<0.500	<0.500	4.34	9.8
start	6/26/2008	<50	<0.500	<0.500	<0.500	<1.00
end	6/26/2008	<50	<0.500	<0.500	1.06	2.3
EFR-2	11/15/2007	<50	<0.500	<0.500	<0.500	<3.00
	12/13/2007	<50	<0.500	<0.500	<0.500	<1.00
	1/10/2008	<50	<0.500	<0.500	<0.500	<1.00
	2/7/2008	<50	<0.500	<0.500	<0.500	<1.00
	3/20/2008	<50	<0.500	<0.500	<0.500	<1.00
start	5/15/2008	839	0.895	<0.500	23	57.6
end	5/15/2008	764	1.27	<0.500	21.2	49.4
start	6/26/2008	893	2.52	<0.500	24.3	57.4
end	6/26/2008	4340	20.8	3.06	284	729.0
EFR-3	11/15/2007	<50	<0.500	<0.500	<0.500	<3.00
	12/13/2007	<50	<0.500	<0.500	<0.500	<1.00
	1/10/2008	<50	<0.500	<0.500	<0.500	<1.00
	2/7/2008	<50	<0.500	<0.500	<0.500	<1.00
	3/20/2008	<50	<0.500	<0.500	<0.500	<1.00
start	5/15/2008	610	0.616	<0.500	15.1	36.6
end	5/15/2008	452	0.756	<0.500	11.5	27.2
start	6/26/2008	628	2.02	<0.500	16.6	36.0
end	6/26/2008	2850	13.7	2.04	190	498.0
MW-48	11/15/2007	223	1.13	6.69	<0.500	7.02
	12/13/2007	262	6.02	1.84	6.85	19.0
	1/10/2008	353	3.66	<0.500	10.3	21.3
	2/7/2008	333	0.798	<0.500	9.09	14.6
start	3/6/2008	125	0.652	<0.500	2.46	4.35
end	3/6/2008	64.4	0.516	<0.500	1.47	3.05
	3/20/2008	125	<0.500	<0.500	2.04	3.60
start	4/3/2008	194	1.19	<0.500	4.5	9.53
end	4/3/2008	173	1.88	<0.500	3.79	9.24
start	4/17/2008	57.1	<0.500	<0.500	1.05	2.52
end	4/17/2008	120	0.567	<0.500	2.65	5.54
start	5/15/2008	469	1.09	<0.500	10.4	23.90
end	5/15/2008	544	2.32	<0.500	15.8	31.90
start	5/30/2008	<50.0	<0.500	<0.500	<0.500	<1.0
end	5/30/2008	96.3	<0.500	<0.500	1.79	4.08
start	6/12/2008	91.6	<0.500	<0.500	1.4	2.55
end	6/12/2008	182	0.601	<0.500	4.02	8.84
start	6/26/2008	1210	7.89	<0.500	47.4	72.60
end	6/26/2008	6750	34.3	4.98	463	1170.00

TABLE 9EFR WATER ANALYTICAL RESULTSFORMER CONOCOPHILLIPS SITE 255353600 WESTLAKE AVENUE N

SEATTLE, WA

Well	Date	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (μg/L)
MW-65	11/15/2007	52.0	<0.500	0.640	<0.500	<3.00
	12/13/2007	<50	<0.500	<0.500	<0.500	<1.00
	1/10/2008	<50	<0.500	<0.500	<0.500	<1.00
	2/7/2008	148	0.931	<0.500	2.45	3.91
	3/20/2008	<50	<0.500	<0.500	<0.500	<1.00
start	5/15/2008	140	<0.500	<0.500	1.53	3.95
end	5/15/2008	114	<0.500	<0.500	1.35	2.9
start	6/26/2008	324	1.34	<0.500	9.06	14.9
end	6/26/2008	1120	4.99	0.755	67.7	176.0
MW-88	11/15/2007	2,980	2.00	19.6	<0.500	54.5
	12/13/2007	893	2.05	<0.500	42.9	55.0
	1/10/2008	933	2.64	<0.500	46.4	54.4
	2/7/2008	3,750	1.81	<0.500	168	285.0
start	3/6/2008	1,840	2.18	<0.500	69.9	120.0
end	3/6/2008	1,810	2.23	<0.500	81.9	172.0
	3/20/2008	2,910	4.51	0.795	130	239.0
start	4/3/2008	1,500	1.4	<0.500	45.1	94.60
end	4/3/2008	1,740	1.53	<0.500	49	115.00
start	4/17/2008	1,700	1.88	<0.500	51.2	110.00
end	4/17/2008	1,710	1.29	<0.500	44.7	119.00
start	5/15/2008	3,020	2.93	0.657	85.1	203.00
end	5/15/2008	2,280	2.12	<0.500	68.6	161.00
start	5/30/2008	761	0.82	<0.500	21.2	56.80
end	5/30/2008	1,270	1.18	<0.500	33.8	91.40
start	6/12/2008	821	0.886	<0.500	18.4	49.30
end	6/12/2008	1,620	1.22	<0.500	29.9	72.10
start	6/26/2008	2,430	1.94	<0.500	53.9	168.00
end	6/26/2008	2,600	3.4	0.667	75.7	224.00
	lethod A					
Cleanup	Level for	1000/800 ^a	5	1000	700	1000
Grour	ndwater					

Notes:

(µg/L) - micrograms per liter

< - Analytical results were below the reporting limits .

NA - Not Applicable

NR - Not recorded

a - The MTCA Method A Cleanup Level for TPH-g if 1,000 μ g/L when benzene is **not** present in the sample. The MTCA Method A Cleanup Level is reduced to 800 μ g/L when benzene is present in the sample.

ATTACHMENT A AS/SVE Remediation System Operation and EFR Event Logs Former ConocoPhillips Company Facility Number 255353

Former ConocoPhillips Company Facility Number 255353 600 Westlake Avenue North Seattle, Washington

SECOR	Field Rep	port		GEO-301 Page 1 of 1 Rev. 0 Apr 2005
FIELD OFFICE: OICP. REDNUMJD	DATE 5/15/08 PROJECT NO. 333 5353	PAGE TASK NO.	CLIENT CP / SUBCONTRAC	Kipp Eckerr.
TO: JEN YOTZ	LOCATION 5353 Wes		evenad /	TEMP.
CHRONOLOGY OF FIELD ACTIVITIE 07:30 · ON SUZE, CAN 08:00 · PPE/HASP [PT	in to Jen to	572.		56
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THIS INFORMATION FOR AUTHORIZED COMPANY USE ONLY SECOR INTERNATIONAL INCORPORATED

= SAMPLY

5/15/08		0.0	Tor EFF @ LO.SO
TIME: 10:40 Aly	5353 OBLU.		STUC @ 11:00 INF @ 11:05
NEMMEN: OVERLAST, 60°F			Tot well Fire De 11:10

5-1STEM OPERATING ON ADRIVATICY) & ACARMS - VACUED 10 GALDUS ADD ONT OF KO DRUG & I FOUT HID [VACUUM on KO = 20 in Hid] - TOTAL HOURS = 56 + 2.5 - TEMPS = BTURC - 3 98.6 TOT INF & 1076. TUT EFF > 96.5 AFTEN AN SPARCE > 102.2

O PSI on HART XCHAWLOG.

Phe Philution PIO = 0.49pm

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			A 518: 5.C Asig. 3.8	

AS22; 3 AS21: C.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302 9405 SW Nimbus Ave, Beaverton, OR 97008-7145 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

2000 (ACC

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 1220 FAX 420-9210 FAX 420-9210
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 9924-9200 FAX 924-9290
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 503-906-9200 FAX 906-9210
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
 907-563-9200 FAX 563-9210

		CH	HAIN OF CUSTODY REPORT	Y REPORT		Work Order #:		1
CLIENT: CY		I	INVOICE TO:			TURNAF	TURNAROUND REQUEST	ž.,
REPORT TO: JEW YOTZ ADDRESS: 12034 13444 CT IV, SU 16 102, REDWOW WA: 40052	102, REDWOND WA	48052	SAWE			In J J Crganic & J	in Business Days * Organic & Inorganic Analyses	Ţ
PHONE: 975 - 372 - 1600 FAX: 425 - 372 - 1654	NSN 225	D:d	P.O. NUMBER:				Petroleum Hydrocarbon Analyses	;]
PROJECT NAME: 5353 NESTLAK			PRESERVATIVE	VTIVE		5 4	3 2 1 <1	
DDOTECT NITIMEED. STATE STATE								
A CALCA - 1700 - WIRMON FORMA			REQUESTED ANALYSES	NALYSES	-	OTHER	Specify:	-
SAMPLED BY: WALL TONE !	A Row)				* Turnaround Requests less	* Turnaround Requests less than standard may incur Rush Charges.	h Charges.
CLIENT SAMPLE SAME IDENTIFICATION DATE	SAMPLING DATE/TIME	6313				MATRIX # OF (W, S, O) CONT.	LOCATION/ COMMENTS	TA WO ID
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RELEASED BY:	and have been and		DATE: 5/15/08	RECEIVED BY:	scature To	EDM. T. S.F.	DATE: 27	1. A. A.
RKINI NAME: CZ 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	FIRM: MANNE			<u> </u>	1.04 - 23			2
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TAL-1000(0108)

	Field Rep	ort		GEO-301 Page 1 of 1
SECOR				Rev. 0 Apr 2005
FIELD OFFICE: OICP. Reviv	DATE DATE BISIOS	PAGE l	CLIENT Kipp Ecke	ent/cp
		TASK NO. 3301	SUBCONTRAC	CTOR
TO: JEN 1072/JOE RO	LOCATION	3501	10 [17	
		NETISNÍ		
	WEATHER OVENCAST	coop Fon	Jene.	TEMP. 48
CHRONOLOGY OF FIELD ACTIV				
07:15 ON SITE PPE	2 /	;		1
07:30 TXT JAN 10TZ			ltew-Fri 1	
01:40 Reset Bystem	/ INSPECT KO DRUM	RESET	Sump Primi	p-/ CALIBRATE PJD
08:00 TAKE READINGS			eut.	
- KO VAC = 18	16 1120	19= 99.7		TEMP = 86.2
· As PRESSURE - 9	SPSI SISTEM	1 Hours	SUE 40	4
. TOTAL FLOWRATE	= FT/min w	1 3" HOY		
TOT INF VOU'S = 0.0	, sampled e	8:14		
Mid voc's = 0.0	SAMPLED Q	\$:10	-5	7
TOTAL EFF VOC'S = 0.0	SAMPLES @	\$:05		
WELLFIELD VOLS = 0.0	SAMPIED 8	8:16		
9:00 AS Well'S CHERRED,	TUDIN ELEN WEILS	UTT, ONLY	ODD WELL	s open
	ves on SUE well			3 61.02.03
Voc's =	n fe fallen men in de l'hours yn yn i'r an i'r fallon yn yn gan gan de llan yn yn yn hyf anna a man ar ar yn m		<u></u>	
	PFD READINGS & AIR	SAMQIE	5	
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			· · · ·	
10:15 Decimen Ain SAW	iples to test Amen	ìΩ.		
		-		
	SUBCONTRACTO		STAFF	HOURS: 4-5
EQUIPMENT USED: PMAP, PTD, ANEWMERCA	SUBCONTRACTO			1.0
	DENE REVIEWED BY:			
CC:	PREPARED BY:	Matt Tol	lel	
		1-1-41		

THIS INFORMATION FOR AUTHORIZED COMPANY USE ONLY SECOR INTERNATIONAL INCORPORATED ト・ろく

SUE-1 = 0.9 ppm 3:55 \mathcal{Q} 3UE - 2 : 11.1 PPm C 8:57 5vE - 3 = 7.2 ppm 0.4 ppm Ô 8 59 5UE - 4 = C 9:01 0 9:03 SUE - 3 = 2.0 0-0 @ 7. cv 5VE - 6 = 0 7 -07 SVE - 7 = 0-0 e 1:07 5VE - 0 = 10 9:04 3.0 5ve - 9 = 1,4 P 9: 11 SVE - 10 = 17.2 @ 9:13 5v= 11 : Q. P 89:15 1.5 SUE - 12 enina

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THE LEADER IN ENVIRONMENTAL TESTING

 11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 425-420-9200
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 FAX 420-9210
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 11922 E. First Ave, Spokane, WA 99206-5302
 509-924-9200
 FAX 924-9290
 FAX 906-9210
 20

 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 503-906-9200
 FAX 966-9210
 200
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
 907-563-9200
 FAX 563-9210
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CHAIN OF CUSTODY REPORT

	٠			NIN	CHAIN UF CUSTODI ALFUNI	JI NEL			::::	Work Order #:)rder #:		
CLIENT: K-179 ELVENT	7 15			INVOICE TO:	0:						TURNAR	TURNAROUND REQUEST	
REPORT TO: JEN YOTH		- 	1 X 00		SAME						in I	in Business Days *	
ADDRESS: 12034 134 th C	ADDRESS: 12039 (34th Ct NO, 30110 10), REMAND WE 1000	na davera	ç ç r								Organic & I	Organic & Inorganic Analyses	Ţ.
PHONE: 9 15 272 1600 FAX:	FAX: 372 . 1650			P.O. NUMBER:	ER:					~	Petroleum F	ocarbon Analyses	
PROJECT NAME: 25535 WESTLANC	WESTLAKE				PRESERVATIVE	VATIVE				2	4	3 2 1 <1	
PROJECT NUMBER: 21 CP. 0 129 (C. 4.1	1396.41												
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ADDITIONAL REMARKS:												TEMP: 1 Cont Properties	\∂ OF
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 509-924-9200
 FAX 924-9200
 FAX 924-9200

 9405 SW Nimbus Ave.Beaverton, OR 97008-7145
 503-906-9200
 FAX 906-9210
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 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
 907-563-9200
 FAX 563-9210
 A

CHAIN OF CUSTODY REPORT

	/		IND THE I AND AND I WEIT	I WEI ON I	Work Order #:
CLIENT: Kigg BLART	1 / 68		INVOICE TO:		TURNAROUND REQUEST
REPORT TO: JEN YUTE		1. 14. 046.05 ²	S AN G		in Business Days *
ADDRESS: nogy radi Ct	ADDRESS: NO34 1244 C4 NE, SUITE 10 - 1444 W.				Organic & Inorganic Analyses
PHONE: 475 322 - (200	FAX: 322.1650		P.O. NUMBER:		Petroleum Hydrocarbon Analyses
PROJECT NAME: 255952 WW67 CARK	ROT CARE		PRESERVATIVE	GIVE	5 4 3 2 1 <1
PROTECT NIIMBER. ALCO - O 124 6.41	1246.41]]]
			REQUESTED ANALYSES	NALYSES	OTHER Specify:
SAMPLED BY: Way H / / 16-		> 6		2	* Turnaround Requests less than standard may incur Rush Charges.
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME) - н.ф. КЭТ8			MATRIX # 0F _ LOCATION TA (W, S, O) CONT. COMMENTS WO ID
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TAL-1000(0108)

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9405 SW Nimbus Ave.Beaverton, OR 97008-7145 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302

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	/		CHAIN UP CUSIUDY KEFUKI		KEFOR	2004		M	Work Order #:	ler #:		
CLIENT: MY & ELARC	7 / 68		INVOICE TO:						II	JRNARO	FURNAROUND REQUEST	
-	1072	REMAND WAY GROST		S A WHG	A.C.					in Bus	in Business Days *	
ADDRESS: NOP4 124				2				t	10) 7 Or	ganic & Inor	Organic & Inorganic Analyses	<1
PHONE: 425 372 - 1100	FAX: 372 - 1652		P.O. NUMBER:						Ì	troleum Hyd	Irocarbon Analyses]
PROJECT NAME: 25555 WESTURICE	ues turke			PRESERVATIVE	IVE				w	4	2 1 <1	
PROJECT NIIMBER: DIC P. DID 45 41	0.000.41								STD.			
			1	REQUESTED ANALYSES	VALYSES				OTHER	ER Specify:	cify:	
SAMPLED BY: WATT TOWER	re-f) c						Ι.*	urnaround Req	uests less tha	* Turnaround Requests less than standard may incur Rush Charges.	Charges.
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME) - 44T (3T8							MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
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TAL-1000(0108)

ATTACHMENT B Laboratory Analytical Reports and Chain-of-Custody Record Former ConocoPhillips Company Facility Number 255353

600 Westlake Avenue North Seattle, Washington



THE LEADER IN ENVIRONMENTAL TESTING

April 11, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 04/03/08 15:00. The following list is a summary of the Work Orders contained in this report, generated on 04/11/08 16:59.

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

Work Order BRD0046 Project 5353 Westlake EFR ProjectNumber O1CP.01396.43

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.




Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.43 Jennifer Yotz

Report Created: 04/11/08 16:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-88 Air	BRD0046-01	Air	04/03/08 10:30	04/03/08 15:00
MW-48 Air	BRD0046-02	Air	04/03/08 10:32	04/03/08 15:00
MW-88 H2O	BRD0046-03	Water	04/03/08 10:45	04/03/08 15:00
MW-48 H2O	BRD0046-04	Water	04/03/08 10:57	04/03/08 15:00

TestAmerica Seattle

11100

Kate Haney For Sandra Yakamavich, Project Manager





Secor-Redmond 5353 Westlake EFR Project Name: PO Box 230, 12034 - 134th Ct NE Ste 102 O1CP.01396.43 Report Created: Project Number: Redmond, WA/USA 98073 Project Manager: Jennifer Yotz 04/11/08 16:59

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B Fant Amanian Cantila

			TestAme	erica Sea	ittle					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRD0046-03 (MW-88 H2O)		Wa	iter		Sampl	ed: 04/(03/08 10:45			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	1500		50.0	ug/l	1x	8D07038	04/07/08 12:52	04/08/08 05:32	
Benzene	"	1.40		0.500	"	"	"			
Toluene	"	ND		0.500	"	"	"		"	
Ethylbenzene	"	45.1		0.500	"	"	"		"	
Xylenes (total)	"	94.6		1.00	"	"				
Surrogate(s): 4-BFB (FID)			123%		58 - 144 %	"			"	
4-BFB (PID)			122%		68 - 140 %	"			"	
BRD0046-04 (MW-48 H2O)		Wa	ater		Sampl	ed: 04/()3/08 10:57			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	194		50.0	ug/l	1x	8D07038	04/07/08 12:52	04/08/08 06:05	
Benzene	"	1.19		0.500		"	"			
Foluene	"	ND		0.500	"	"	"			
Ethylbenzene	"	4.50		0.500	"	"	"	"	"	

1.00

58 - 144 %

68 - 140 %

.,

"

"

..

96.6%

109%

9.53

4-BFB (FID) Surrogate(s): 4-BFB (PID)

Xylenes (total)

...

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

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Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - 134th Ct NE Ste 102	Project Number:	O1CP.01396.43	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	04/11/08 16:59

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRD0046-01 (MW-88 Air)		Air			Sampl	ed: 04/0	3/08 10:30			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8D03018	04/03/08 19:00	04/03/08 20:12	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"		"		
Benzene (v/v)		ND		0.0308	"	"	"			
Toluene (v/v)		ND		0.0261	"	"	"			
Ethylbenzene (v/v)	"	ND		0.0227	"	"			"	
Xylenes, total (v/v)	"	ND		0.0454	"				"	
Benzene	"	ND		0.100	mg/m³ Air	"			"	
Toluene	"	ND		0.100	"	"			"	
Ethylbenzene		ND		0.100	"	"			"	
Xylenes (total)	"	ND		0.200	"	"		"		
Surrogate(s): 4-BFB (FID)			85.3%		70 - 150 %	"			"	
4-BFB (PID)			96.5%		75 - 125 %	"			"	

BRD0046-02 (MW-48 Air)		Air			Sample	ed: 04/0	3/08 10:32		
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8D03018	04/03/08 19:00	04/03/08 21:13
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv		"	"	"
Benzene (v/v)		ND		0.0308			"	"	"
Toluene (v/v)	"	ND		0.0261			"	"	"
Ethylbenzene (v/v)	"	ND		0.0227			"	"	"
Xylenes, total (v/v)	"	ND		0.0454			"	"	"
Benzene		ND		0.100	mg/m³ Air		"	"	"
Toluene	"	ND		0.100			"	"	"
Ethylbenzene	"	ND		0.100			"	"	"
Xylenes (total)	"	ND		0.200	"		"	"	"
Surrogate(s): 4-BFB (FID)			86.5%		70 - 150 %	"			"
4-BFB (PID)			96.9%		75 - 125 %	"			"

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager





Secor-Redmond				Project Nan		5353 W	Vestlake	EFR						
PO Box 230, 12034 - 134th C	t NE Ste 102			Project Nun	nber:	01CP.0	1396.43						Report Create	ed:
Redmond, WA/USA 98073				Project Mar	ager:	Jennifer	Yotz						04/11/08 16	:59
Gasoline Hydrocart	oons (Benzene	to Naphth	alene) and	BTEX by	NWTPH	-G and	I EPA 80	21B -	Labo	ratory	Oualit	v Cont	trol Results	
	× ·	•	,	TestAmeri						v	•			
QC Batch: 8D07038	Water F	reparation	Method:	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL [*]	* MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits	s) Analyzed	Not
Blank (8D07038-BLK1)								Extr	acted:	04/07/08 12	2:52			
Gasoline Range Hydrocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x							04/07/08 13:03	
Benzene	8021B "	ND		0.500	"	"								
Toluene	"	ND		0.500	"	"								
Ethylbenzene	"	ND		0.500	"	"								
Xylenes (total)	"	ND		1.00		"							"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	92.6% 100%	Lin	nits: 58-1449 68-140								04/07/08 13:03 "	
LCS (8D07038-BS1)								Extr	acted:	04/07/08 12	2:52			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	964		50.0	ug/l	1x		1000	96.4%	(80-120)			04/07/08 13:35	
Surrogate(s): 4-BFB (FID)		Recovery:	103%	Lin	nits: 58-1449	6 "							04/07/08 13:35	
LCS (8D07038-BS2)								Extr	acted:	04/07/08 12	2:52			
Benzene	NWTPH-Gx/	29.8		0.500	ug/l	1x		30.0	99.3%	(80-120)			04/07/08 14:08	
-	8021B	20.0		0.500					00.40/					
Toluene		29.8		0.500					99.4%					
Ethylbenzene Vulence (total)		30.1 90.3		0.500				90.0	100% 100%					
Xylenes (total)					nits: 68-1409			90.0	100%				04/07/08 14:08	
Surrogate(s): 4-BFB (PID)		Recovery:	10276	Lin	uis. 00-1407	0							04/07/08 14:08	
Duplicate (8D07038-DUP1)				-	BRC0505-			Extr	acted:	04/07/08 12				
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				1.70%	6 (25)	04/07/08 15:17	
Benzene	"	ND		0.500		"	ND				NR		"	
Toluene	"	ND		0.500	"	"	ND				NR	"	"	
Ethylbenzene		ND		0.500	"	"	ND				NR	"	"	
Xylenes (total)	"	ND		1.00	"	"	ND				NR		"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	95.7% 102%	Lin	nits: 58-1449 68-140								04/07/08 15:17 "	
Duplicate (8D07038-DUP2)				QC Source:	BRC0505-	01		Extr	acted:	04/07/08 12	2:52			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				21.6%	6 (25)	04/07/08 20:47	
Benzene	"	ND		0.500	"	"	ND				NR	"	"	
Toluene	"	ND		0.500	"	"	ND				NR	"	"	
Ethylbenzene	"	ND		0.500	"	"	ND				NR	"	"	
Xylenes (total)	"	ND		1.00	"	"	ND				NR	"	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	83.0% 103%	Lin	nits: 58-1449 68-140								04/07/08 20:47 "	

TestAmerica Seattle

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full,





Secor-Redmond				Project Nam	ne:	353 V	Vestlake	EFR						
PO Box 230, 12034 - 134th Ct	NE Ste 102			Project Nurr	nber: (D1CP.0	1396.43						Report Create	ed:
Redmond, WA/USA 98073				Project Man	ager: J	ennifer	Yotz						04/11/08 16	:59
Gasoline Hydrocarbo	ons (Benzene	to Naphth	alene) and	BTEX by TestAmeric		G and	1 EPA 80	21B -	Labo	oratory	Quali	ty Cont	rol Results	
QC Batch: 8D07038	Water F	reparation	n Method:	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL	* MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Matrix Spike (8D07038-MS1)				QC Source:	BRC0505-1	1		Extr	acted:	04/07/08 12	2:52			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1100		50.0	ug/l	1x	29.6	1000	107%	(75-131)			04/07/08 16:23	
Surrogate(s): 4-BFB (FID)		Recovery:	108%	Lin	nits: 58-144%	"							04/07/08 16:23	
Matrix Spike (8D07038-MS2)				QC Source:	BRC0505-1	1		Extr	acted:	04/07/08 12	2:52			
Benzene	NWTPH-Gx/ 8021B	33.8		0.500	ug/l	1x	ND	30.0	113%	(46-130)			04/07/08 17:29	
Toluene	8021B "	33.9		0.500			ND	"	113%	(60-124)				
Ethylbenzene		34.4		0.500			ND		115%	(56-141)				
Xylenes (total)	"	102		1.00	"		ND	90.0	114%	(66-132)			"	
Surrogate(s): 4-BFB (PID)		Recovery:	99.4%	Lin	nits: 68-140%	"							04/07/08 17:29	
Matrix Spike Dup (8D07038-MS	5D1)			QC Source:	BRC0505-1	1		Extr	acted:	04/07/08 12	2:52			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	958		50.0	ug/l	1x	29.6	1000	92.9%	(75-131)	13.4%	6 (25)	04/07/08 16:56	
Surrogate(s): 4-BFB (FID)		Recovery:	84.3%	Lin	nits: 58-144%	"							04/07/08 16:56	
Matrix Spike Dup (8D07038-MS	SD2)			QC Source:	BRC0505-1	1		Extr	acted:	04/07/08 12	2:52			
Benzene	NWTPH-Gx/ 8021B	33.8		0.500	ug/l	lx	ND	30.0	113%	(46-130)	0.0118	3% (40)	04/07/08 18:02	
Toluene	"	33.9		0.500	"		ND	"	113%	(60-124)	0.0118	% "	"	
Ethylbenzene		34.2		0.500	"		ND	"	114%	(56-141)	0.579	% "	"	
Xylenes (total)		102		1.00	"		ND	90.0	113%	(66-132)	0.669	% "		

Surrogate(s): 4-BFB (PID)

Recovery: 100% Limits: 68-140% "

04/07/08 18:02

TestAmerica Seattle

1109

Kate Haney For Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073

Project Name: Project Number: Project Manager: 5353 Westlake EFR O1CP.01396.43 Jennifer Yotz

Report Created: 04/11/08 16:59

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

Method NWTPH Modified " " "	Result ND ND ND ND	MDL*	MRL 10.0 2.36	Units mg/m³ Air	Dil	Source Result		% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Modified	ND ND ND			mg/m³ Air									
Modified	ND ND ND			mg/m³ Air			Extra	acted:	04/03/08 09	:37			
"	ND ND		2.36		1x						(04/03/08 09:57	
"	ND			ppmv								"	
			0.0308	"								"	
"			0.0261	"								"	
	ND		0.0227	"								"	
"	ND		0.0454	"	"							"	
"	ND		0.100	mg/m³ Air	"							"	
"	ND		0.100	"	"							"	
"	ND		0.100	"	"							"	
"	ND		0.200	"	"							"	
	Recovery:	88.3% 91.8%	L	imits: 70-150% 75-125%	"							04/03/08 09:57 "	
							Extra	acted:	04/03/08 09	:37			
NWTPH Modified	95.7		10.0	mg/m³ Air	1x		100	95.7%	(50-150)		(04/03/08 13:24	
	Recovery:	89.8%	L	imits: 70-150%	"							04/03/08 13:24	
							Extra	acted:	04/03/08 09	:37			
NWTPH Modified	1.86		0.100	mg/m³ Air	1x		2.00	92.9%	(50-150)		(04/03/08 14:24	
"	1.87		0.100	"	"		"	93.6%	"			"	
"	1.81		0.100	"	"		"	90.4%	"			"	
"	5.62		0.200	"	"		6.00	93.6%	"			"	
	Recovery:	99.2%	L	imits: 75-125%	"							04/03/08 14:24	
							Extra	acted:	04/03/08 09	:37			
NWTPH Modified	93.1		10.0	mg/m³ Air	1x		100	93.1%	(50-150)	2.76%	6 (50)	04/03/08 13:54	
	Recovery:	85.9%	L	imits: 70-150%	"							04/03/08 13:54	
							Extra	acted:	04/03/08 09	:37			
NWTPH Modified	1.94		0.100	mg/m³ Air	1x		2.00	97.1%	(50-150)	4.41%	6 (50)	04/03/08 14:54	
"	1.88		0.100	"	"		"	93.9%	"	0.331	% "	"	
"	1.91		0.100	"	"		"	95.3%	"	5.20%	ó "	"	
"	5.81		0.200	"	"		6.00	96.9%	"	3.46%	ó "	"	
	Modified NWTPH Modified " NWTPH Modified NWTPH Modified "	"ND"ND"ND"ND"Recovery:NWTPH Modified95.7NWTPH "1.86"1.87"1.81"5.62Recovery:Recovery:NWTPH Modified93.1NWTPH Modified93.1NWTPH Modified1.88"1.91"5.81	" ND " ND " ND " ND " ND " ND Modified 29.5% NWTPH 95.7 Modified 89.8% " 1.86 " 1.81 " 1.81 " 5.62 Modified 89.3% NWTPH 93.1 Modified 85.9% NWTPH 1.94 " 1.88 " 1.88 " 1.81	" ND 0.100 " ND 0.200 " ND 0.200 " ND 0.200 Recovery: \$8.3% L 91.8% 10.0 NWTPH 95.7 10.0 Modified 0.100 " 1.86 0.100 " 1.87 0.100 " 5.62 0.200 Recovery: 99.2% L L NWTPH 93.1 10.0 Modified 1.88 0.100 " 1.88 0.100 " 1.88 0.100 " 1.91 0.100 " 1.88 0.100 " 1.91 0.100 " 5.81 0.200 <td>" ND 0.100 " " ND 0.200 " " ND 0.200 " Recovery: 88.3% Limits: 70-150% 75-125% NWTPH 95.7 10.0 mg/m³ Air Modified Recovery: 89.8% Limits: 70-150% NWTPH 95.62 0.100 " " 1.81 0.100 " " 5.62 0.200 " Recovery: 99.2% Limits: 75-125% NWTPH 93.1 10.0 mg/m³ Air Modified 85.9% Limits: 70-150% NWTPH 93.1 0.100 mg/m³ Air Modified 1.88 0.100 mg/m³ Air Notified 1.88 0.100 mg/m³ Air Modified 1.88 0.100 " " 1.91 0.100 " " 5.81 </td> <td>ND 0.100 " " "ND 0.100 " " "ND 0.200 " " "ND 0.200 " " Recovery: 88.3% Limits: 70-150% " NWTPH 95.7 10.0 mg/m³ Air 1x Modified 1.87 0.100 mg/m³ Air 1x NWTPH 1.86 0.100 " " "NWTPH 1.86 0.100 " " "NWTPH 1.86 0.100 " " "NWTPH 1.86 0.100 " " " 5.62 0.200 " " NWTPH 93.1 10.0 mg/m³ Air 1x Modified 1.88 0.100 " " NWTPH 1.94 0.100 <td< td=""><td>" ND 0.100 " " " ND 0.100 " " " ND 0.200 " " " ND 0.200 " " Recovery: 88.3% Limits: 70-150% " NWTPH 95.7 10.0 mg/m³ Air 1x NWTPH 95.7 0.100 mg/m³ Air 1x Modified 1.87 0.100 mg/m³ Air 1x " 1.81 0.100 " " 1.81 0.200 " " " 5.62 0.200 " NWTPH 93.1 10.0 mg/m³ Air 1x NwTPH 1.94</td><td>" ND 0.100 " " " ND 0.100 " " " ND 0.200 " " NWTPH 95.7 10.0 mg/m³ Air Ix 100 Modified Recovery: 89.8% Limits: $70-150\%$ " Extremation of the second o</td><td>" ND 0.100 " " " ND 0.200 " " " ND 0.200 " " " ND 0.200 " " N 9.7% Modified 100 9.7% Modified 10.0 9.0 9.0 10.0 9.1% 10.0 </td><td>" ND 0.100 " " " ND 0.100 " " N''''''''''''''''''''''''''''''''''''</td><td>" ND 0.100 " " </td><td>" ND 0.100 " " <t< td=""><td>" ND 0.100 " " </td></t<></td></td<></td>	" ND 0.100 " " ND 0.200 " " ND 0.200 " Recovery: 88.3% Limits: 70-150% 75-125% NWTPH 95.7 10.0 mg/m³ Air Modified Recovery: 89.8% Limits: 70-150% NWTPH 95.62 0.100 " " 1.81 0.100 " " 5.62 0.200 " Recovery: 99.2% Limits: 75-125% NWTPH 93.1 10.0 mg/m³ Air Modified 85.9% Limits: 70-150% NWTPH 93.1 0.100 mg/m³ Air Modified 1.88 0.100 mg/m³ Air Notified 1.88 0.100 mg/m³ Air Modified 1.88 0.100 " " 1.91 0.100 " " 5.81	ND 0.100 " " "ND 0.100 " " "ND 0.200 " " "ND 0.200 " " Recovery: 88.3% Limits: 70-150% " NWTPH 95.7 10.0 mg/m³ Air 1x Modified 1.87 0.100 mg/m³ Air 1x NWTPH 1.86 0.100 " " "NWTPH 1.86 0.100 " " "NWTPH 1.86 0.100 " " "NWTPH 1.86 0.100 " " " 5.62 0.200 " " NWTPH 93.1 10.0 mg/m³ Air 1x Modified 1.88 0.100 " " NWTPH 1.94 0.100 <td< td=""><td>" ND 0.100 " " " ND 0.100 " " " ND 0.200 " " " ND 0.200 " " Recovery: 88.3% Limits: 70-150% " NWTPH 95.7 10.0 mg/m³ Air 1x NWTPH 95.7 0.100 mg/m³ Air 1x Modified 1.87 0.100 mg/m³ Air 1x " 1.81 0.100 " " 1.81 0.200 " " " 5.62 0.200 " NWTPH 93.1 10.0 mg/m³ Air 1x NwTPH 1.94</td><td>" ND 0.100 " " " ND 0.100 " " " ND 0.200 " " NWTPH 95.7 10.0 mg/m³ Air Ix 100 Modified Recovery: 89.8% Limits: $70-150\%$ " Extremation of the second o</td><td>" ND 0.100 " " " ND 0.200 " " " ND 0.200 " " " ND 0.200 " " N 9.7% Modified 100 9.7% Modified 10.0 9.0 9.0 10.0 9.1% 10.0 </td><td>" ND 0.100 " " " ND 0.100 " " N''''''''''''''''''''''''''''''''''''</td><td>" ND 0.100 " " </td><td>" ND 0.100 " " <t< td=""><td>" ND 0.100 " " </td></t<></td></td<>	" ND 0.100 " " " ND 0.100 " " " ND 0.200 " " " ND 0.200 " " Recovery: 88.3% Limits: 70-150% " NWTPH 95.7 10.0 mg/m³ Air 1x NWTPH 95.7 0.100 mg/m³ Air 1x Modified 1.87 0.100 mg/m³ Air 1x " 1.81 0.100 " " 1.81 0.200 " " " 5.62 0.200 " NWTPH 93.1 10.0 mg/m³ Air 1x NwTPH 1.94	" ND 0.100 " " " ND 0.100 " " " ND 0.200 " " NWTPH 95.7 10.0 mg/m³ Air Ix 100 Modified Recovery: 89.8% Limits: $70-150\%$ " Extremation of the second o	" ND 0.100 " " " ND 0.200 " " " ND 0.200 " " " ND 0.200 " " N 9.7% Modified 100 9.7% Modified 10.0 9.0 9.0 10.0 9.1% 10.0	" ND 0.100 " " " ND 0.100 " " N''''''''''''''''''''''''''''''''''''	" ND 0.100 " "	" ND 0.100 " " <t< td=""><td>" ND 0.100 " " </td></t<>	" ND 0.100 " "

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full,





Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.43 Jennifer Yotz

Report Created: 04/11/08 16:59

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8D03018	Air Pre	paration M	ethod: EPA	A 5030B (I	2/1)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8D03018-DUP1)				QC Source	e: BRD0019-0	1		Extr	acted:	04/03/08 09	9:37			
Gasoline Range Hydrocarbons	NWTPH Modified	71.5		10.0	mg/m³ Air	1x	73.0				2.12%	(30)	04/03/08 11:54	
Gasoline Range Hydrocarbons (v/v)	"	16.8		2.36	ppmv	"	17.2				2.12%	"		
Benzene (v/v)	"	0.0888		0.0308	"	"	0.0846				4.91%	"		
Toluene (v/v)		0.122		0.0261	"	"	0.117				4.11%	"		
Ethylbenzene (v/v)		0.0433		0.0227	"	"	0.0426				1.69%	"		
Xylenes, total (v/v)		0.403		0.0454	"	"	0.385				4.60%	"		
Benzene		0.288		0.100	mg/m³ Air	"	0.274				4.91%			
Toluene	"	0.467		0.100	"	"	0.448				4.11%	"		
Ethylbenzene	"	0.191		0.100		"	0.188				1.69%	"		
Xylenes (total)		1.78		0.200		"	1.70				4.60%	"	"	
Surrogate(s): 4-BFB (FID)		Recovery:	91.2%	Li	imits: 70-150%	"							04/03/08 11:54	
4-BFB (PID)			93.1%		75-125%	ó "							"	
Duplicate (8D03018-DUP2)				QC Source	e: BRD0046-0	1		Extr	acted:	04/03/08 09	9:37			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x	ND				17.0%	(30)	04/03/08 20:42	
Gasoline Range Hydrocarbons		ND		10.0	mg/m³ Air	"	ND				17.0%			
Benzene (v/v)	"	ND		0.0308	ppmv	"	ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"	"	ND					"		
Ethylbenzene (v/v)	"	ND		0.0227		"	ND					"		
Xylenes, total (v/v)		ND		0.0454	"	"	ND				113%	"		
Benzene		ND		0.100	mg/m³ Air	"	ND				NR	"		
Toluene		ND		0.100		"	ND					"		
Ethylbenzene		ND		0.100		"	ND					"		
Xylenes (total)	"	ND		0.200	"	"	ND				113%	"	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	107% 88.3%	Li	imits: 70-150% 75-125%								04/03/08 20:42 "	

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073

Project Name: Project Number: Project Manager: 5353 Westlake EFR O1CP.01396.43 Jennifer Yotz

Report Created: 04/11/08 16:59

Notes and Definitions

Report Specific Notes:

DET

R4 Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

Laboratory Reporting Conventions:

- Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only. ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate). NR/NA _ Not Reported / Not Available Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight. dry Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet on a Wet Weight Basis. RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries). METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table. MRL
- MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. _ *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable.
- Electronic Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Signature Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager



Test Americal testing corporation

425-420-9200 FAX 420-9210 509-924-9200 FAX 924-9290 503-906-9200 FAX 906-9210 907-563-9200 FAX 563-9210 11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

C	CHAIN OF CUSTODY REPORT	DY REPORT		Work Order #: DRD OUto	0046
CLIENT: Sec. CP		INVOICE TO:		TURNAROUND REQUEST	EQUEST
				in Business Days *	*
ADDRESS: 12 034 13444 Ct NC, SUITE 102, REDIMMD WA. 98053	EDIMMO WA. 98053	SAME		Organic & Inorganic Analyses	lyses 2 1 <1
PHONE: 425 . 372. 1000 FAX: 425.372. 105 0	ςΰ	P.O. NUMBER:		etroleum Hydrocz	Analyses
PROJECT NAME: 5353 LICSTLAKE		PRESERVATIVE	ATIVE		- -
	HCI HCI			STD.	
PROJECT NUMBER: OIC Y. OI > 1 W.		REQUESTED ANALYSES	NALYSES	OTHER Specify:	
SAMPLED BY: MuH TOIE-)				* Turnaround Requests less than standard may incur Rush Charges.	l may incur Rush Charges.
CLIENT SAMPLE SAMPLING IDENTIFICATION DATE/TIME	хэ ля >-н <u>ы</u>			MATRIX # OF LOCA (W, S, O) CONT. COMM	LOCATION / TA COMMENTS WO ID
MW. 758 AV 4/3/06 @ 10:30	××			A.Y 1 5353	M4 0(
8 AV				AV 1 1	5
MW. 60 H, 00 C, H 00 WM				H2D 3Vers	0
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LEASED BY: 5ECON		DATE: 413 108.	RECEIVED BY:		DATE: 4/3/64
Tolley	FIRM: SECUR/STANTEL	- 1	PRINT NAME: Francisco Lung, Jr	FIRM: 1 H- 3 E H	TIME: 2 0
		DATE:	RECEIVED BY:	FIRM:	DATE: TIME:
PRINT NAME: FIRM:		TIME	FRUNT NAME:	DI . LICAL TEM	
ADDITIONAL REMARKS:				C un 12 13.4	4 PAGE OF
TAL-1000 0907					



April 11, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 04/08/08 14:31. The following list is a summary of the Work Orders contained in this report, generated on 04/11/08 17:00.

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

Work Order BRD0104 Project 5353 Westlake EFR <u>ProjectNumber</u> O1CP.01396.41/255353

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 04/11/08 17:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Total Inf	BRD0104-01	Air	04/08/08 13:20	04/08/08 14:31
Mid	BRD0104-02	Air	04/08/08 13:25	04/08/08 14:31
Total Eff	BRD0104-03	Air	04/08/08 13:30	04/08/08 14:31

TestAmerica Seattle

11100

Kate Haney For Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.41/255353 Jennifer Yotz

Report Created: 04/11/08 17:00

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRD0104-01 (Total Inf)		Air			Sampl	ed: 04/0	08/08 13:20			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8D08022	04/08/08 16:00	04/08/08 22:13	
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv	"	"			
Benzene (v/v)	"	ND		0.0308	"	"	"	"		
Toluene (v/v)		ND		0.0261	"	"	"	"		
Ethylbenzene (v/v)		ND		0.0227	"	"	"			
Xylenes, total (v/v)		ND		0.0454	"	"	"	"		
Benzene		ND		0.100	mg/m³ Air	"	"	"		
Toluene	"	ND		0.100	"	"	"	"		
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"		"		
Surrogate(s): 4-BFB (FID)			83.6%		70 - 150 %	"			"	
4-BFB (PID)			96.7%		75 - 125 %	"			"	

BRD0104-02 (Mid)		Air			Sample	ed: 04/0	8/08 13:25			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0 n	ng/m³ Air	1x	8D08022	04/08/08 16:00	04/08/08 21:43	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)		ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"	"	"	
Benzene	"	ND		0.100 n	ng/m³ Air	"	"	"	"	
Toluene		ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100		"		"	"	
Xylenes (total)	"	ND		0.200	"	"	"		"	
Surrogate(s): 4-BFB (FID)			82.7%		70 - 150 %	"			"	
4-BFB (PID)			96.8%		75 - 125 %	"			"	

BRD0104-03 (Total Eff)		Air		Samp	led: 04/0	8/08 13:30			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	 10.0	mg/m³ Air	1x	8D08022	04/08/08 16:00	04/08/08 21:13	
Gasoline Range Hydrocarbons (v/v)	"	ND	 2.36	ppmv		"	"	"	
Benzene (v/v)	"	ND	 0.0308			"	"	"	
Toluene (v/v)	"	ND	 0.0261				"	"	
Ethylbenzene (v/v)	"	ND	 0.0227			"	"	"	
Xylenes, total (v/v)	"	ND	 0.0454			"	"	"	
Benzene	"	ND	 0.100	mg/m³ Air	"	"		"	
Toluene	"	ND	 0.100		"	"		"	
Ethylbenzene	"	ND	 0.100		"	"		"	
Xylenes (total)	"	ND	 0.200			"	"	"	

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager

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Page 3 of 7



Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 04/11/08 17:00

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRD0104-03 (Total Eff)		Air			Sampl	ed: 04/0	8/08 13:30			
Surrogate(s): 4-BFB (FID)			82.6%		70 - 150 %	lx			04/08/08 21:13	
4-BFB (PID)			95.7%		75 - 125 %	"			"	

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.41/255353 Jennifer Yotz

Report Created: 04/11/08 17:00

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8D08022	Air Pre	paration M	lethod: EPA	5030B (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Not
Blank (8D08022-BLK1)								Extr	acted:	04/08/08 10):10			
Gasoline Range Hydrocarbons	NWTPH	ND		10.0	mg/m³ Air	1x							04/08/08 11:26	
Gasoline Range Hydrocarbons (v/v)	Modified	ND		2.36	ppmv								"	
Benzene (v/v)		ND		0.0308	"								"	
Toluene (v/v)		ND		0.0261	"								"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"							"	
Xylenes, total (v/v)		ND		0.0454	"									
Benzene	"	ND		0.100	mg/m³ Air	"							"	
Toluene	"	ND		0.100	"	"							"	
Ethylbenzene	"	ND		0.100	"	"							"	
Xylenes (total)	"	ND		0.200	"	"								
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	87.2% 93.1%	L	imits: 70-150% 75-125%	"							04/08/08 11:26 "	
LCS (8D08022-BS1)								Extr	acted:	04/08/08 10):10			
Gasoline Range Hydrocarbons	NWTPH Modified	92.6		10.0	mg/m³ Air	1x		100	92.6%	(50-150)			04/08/08 13:24	
Surrogate(s): 4-BFB (FID)		Recovery:	78.3%	L	imits: 70-150%	"							04/08/08 13:24	
LCS (8D08022-BS2)								Extr	acted:	04/08/08 10):10			
Benzene	NWTPH Modified	1.36		0.100	mg/m³ Air	1x		2.00	68.0%	(50-150)			04/08/08 14:23	
Toluene	"	1.40		0.100	"	"		"	70.1%				"	
Ethylbenzene		1.39		0.100	"	"		"	69.7%				"	
Xylenes (total)		4.28		0.200	"	"		6.00	71.4%				"	
Surrogate(s): 4-BFB (PID)		Recovery:	98.0%	L	imits: 75-125%	"							04/08/08 14:23	
LCS Dup (8D08022-BSD1)								Extr	acted:	04/08/08 10):10			
Gasoline Range Hydrocarbons	NWTPH Modified	81.2		10.0	mg/m³ Air	1x		100	81.2%	(50-150)	13.0%	6 (50)	04/08/08 13:54	
Surrogate(s): 4-BFB (FID)		Recovery:	87.2%	L	imits: 70-150%	"							04/08/08 13:54	
LCS Dup (8D08022-BSD2)								Extr	acted:	04/08/08 10):10			
Benzene	NWTPH Modified	1.34		0.100	mg/m³ Air	1x		2.00	67.2%	(50-150)	1.20%	6 (50)	04/08/08 14:54	
Toluene		1.34		0.100	"	"		"	66.8%		4.75%	6 "	"	
C4111		1.37		0.100					68.3%	"	2.03%	6 "		
Ethylbenzene		1.57		0.100					00.570		2.007	•		

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager

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Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 04/11/08 17:00

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8D08022	Air Pre	paration M	ethod: EPA	5030B (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Duplicate (8D08022-DUP1)				QC Sourc	e: BRD0090-02			Extr	acted:	04/08/08 10):10			
Gasoline Range Hydrocarbons	NWTPH Modified	110		10.0	mg/m³ Air	1x	107				2.56%	(30)	04/08/08 20:13	
Gasoline Range Hydrocarbons (v/v)		25.9		2.36	ppmv	"	25.2				2.56%	"	"	
Benzene (v/v)	"	0.0655		0.0308	"		0.0708				7.78%	"		
Toluene (v/v)	"	0.0639		0.0261	"		0.0730				13.3%	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"		ND				15.4%	"	"	
Xylenes, total (v/v)		ND		0.0454	"		ND				1.65%	"	"	
Benzene		0.213		0.100	mg/m³ Air		0.230				7.78%	"		
Toluene		0.244		0.100	"		0.279				13.3%	"		
Ethylbenzene	"	ND		0.100	"		ND				15.4%	"		
Xylenes (total)	"	ND		0.200	"	"	ND				1.65%	"	"	
Surrogate(s): 4-BFB (FID)		Recovery:	82.5%	L	imits: 70-150%	"							04/08/08 20:13	
4-BFB (PID)			89.7%		75-125%	"							"	

TestAmerica Seattle

Kate Haney For Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 04/11/08 17:00

Notes and Definitions

Report Specific Notes:

None

Laboratory Reporting Conventions:

- DET Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA _ Not Reported / Not Available
- dry Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B.
 *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic
 Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*.

 Signature
 Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory.

 Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

Haney For Sandra Yakamavich, Project Manager





11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

425-420-9200 FAX 420-9210 509-924-9200 FAX 924-9290 503-906-9200 FAX 906-9210 907-563-9200 FAX 563-9210

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		C	CHAIN OF CUSTODY REPORT	Y REPORT	Work Order #: \$2,00 10 4	
CLIENT: SICOA			INVOICE TO:		TURNAROUND REQUEST	_
REPORT TO: 12034 1347 Ct. NE ADDRESS: 1000 WA 98052	sque Ct. NE 18052				in Business Days * Organic & Inorganic Analyses	
	ALKCA				10 7 5 4 3 2 1 <1	
PROJECT NAME:	JEAX: /Y TOUR		PRESERVATIVE	ATIVE		
5353]]]	
PROJECT NUMBER:	•		REQUESTED ANALYSES	ANALYSES	OTHER Specify:	
SAMPLED BY: CONTON	177 LONNIS	× B-			* Turnaround Requests less than standard may incur Rush Charges.	
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	704 S			MATRIX #0F LOCATION/ TA (W, S, 0) CONT. COMMENTS WO ID	<u> </u>
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April 15, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 04/04/08 10:10. The following list is a summary of the Work Orders contained in this report, generated on 04/15/08 16:03.

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

Work Order BRD0060 Project 5353 Westlake EFR ProjectNumber O1CP.01396.41

TestAmerica Seattle

of lines

Curtis D. Armstrong For Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.41 Jennifer Yotz

Report Created: 04/15/08 16:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-88 Air	BRD0060-01	Air	04/03/08 15:52	04/04/08 10:10
MW-48 Air	BRD0060-02	Air	04/03/08 15:50	04/04/08 10:10
MW-88 H2O	BRD0060-03	Water	04/03/08 15:30	04/04/08 10:10
MW-48 H2O	BRD0060-04	Water	04/03/08 15:40	04/04/08 10:10

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Curtis D. Armstrong For Sandra Yakamavich, Project Manager





Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - 134th Ct NE Ste 102	Project Number:	O1CP.01396.41	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	04/15/08 16:03

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B TestAmerica Seattle

			TestAm	enteu set	ittie					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRD0060-03 (MW-88 H2O)		Wa	iter		Sampl	ed: 04/(03/08 15:30			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	1740		50.0	ug/l	1x	8D10019	04/10/08 09:44	04/11/08 05:19	
Toluene		ND		0.500	"	"	"			
Ethylbenzene	"	49.0		0.500	"	"	"			
Kylenes (total)	"	115		1.00		"		"		
Surrogate(s): 4-BFB (FID)			119%		58 - 144 %	"			"	
4-BFB (PID)			123%		68 - 140 %	"			"	
BRD0060-03RE1 (MW-88 H2O)		Wa	ıter		Sampl	ed: 04/(03/08 15:30			
Benzene	NWTPH-Gx/802 1B	1.53		0.500	ug/l	1x	8D13010	04/13/08 10:33	04/14/08 04:46	
Surrogate(s): 4-BFB (PID)			120%		68 - 140 %	"			"	
BRD0060-04 (MW-48 H2O)		Wa	iter		Sample	ed: 04/(03/08 15:40			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	173		50.0	ug/l	1x	8D10019	04/10/08 09:44	04/11/08 05:52	
Benzene	"	1.88		0.500	"	"	"			
Toluene	"	ND		0.500	"	"	"			
Ethylbenzene	"	3.79		0.500		"				
Kylenes (total)	"	9.24		1.00		"		"		
Surrogate(s): 4-BFB (FID)			91.9%		58 - 144 %	"			"	
4-BFB (PID)			104%		68 - 140 %	"			"	

TestAmerica Seattle

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Curtis D. Armstrong For Sandra Yakamavich, Project Manager





Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - 134th Ct NE Ste 102	Project Number:	O1CP.01396.41	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	04/15/08 16:03

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRD0060-01 (MW-88 Air)		Air			Sampl	ed: 04/0	03/08 15:52			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8D04032	04/04/08 14:31	04/04/08 16:39	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"		
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)		ND		0.0454	"	"	"		"	
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene		ND		0.100	"	"	"		"	
Ethylbenzene		ND		0.100	"	"	"		"	
Xylenes (total)	"	ND		0.200	"	"		"		
Surrogate(s): 4-BFB (FID)			84.3%		70 - 150 %	"			"	
4-BFB (PID)			96.9%		75 - 125 %	"			"	

BRD0060-02 (MW-48 Air)		Ai	r		Sampl	ed: 04/(03/08 15:50		
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8D04032	04/04/08 14:31	04/04/08 17:39
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"			"
Benzene (v/v)	"	ND		0.0308		"			"
Toluene (v/v)	"	0.0314		0.0261		"	"	"	"
Ethylbenzene (v/v)	"	ND		0.0227		"	"		"
Xylenes, total (v/v)	"	0.0536		0.0454	"	"	"		"
Benzene	"	ND		0.100	mg/m³ Air	"	"		"
Toluene	"	0.120		0.100	"	"	"		"
Ethylbenzene	"	ND		0.100		"	"		"
Xylenes (total)	"	0.236		0.200		"	"	"	"
Surrogate(s): 4-BFB (FID)			83.9%		70 - 150 %	"			"
4-BFB (PID)			93.7%		75 - 125 %	"			"

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Page 4 of 11

Curtis D. Armstrong For Sandra Yakamavich, Project Manager



Secor-Redmond PO Box 230, 12034 - 134th C Redmond, WA/USA 98073	Ct NE Ste 102			Project Nar Project Nur Project Ma	mber:	5353 W O1CP.0 Jennifer		EFR					Report Created: 04/15/08 16:02	
Gasoline Hydrocar	bons (Benzene	to Naphth	alene) and	BTEX by TestAmer			EPA 80	21B -	Labo	ratory (Qualit	y Cont	rol Results	
QC Batch: 8D10019	Water P	reparation	n Method:	EPA 5030E	B (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Not
Blank (8D10019-BLK1)								Ext	racted:	04/10/08 09	:44			
Gasoline Range Hydrocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x							04/10/08 17:53	
Benzene	8021B "	ND		0.500										
Toluene	"	ND		0.500										
Ethylbenzene	"	ND		0.500										
Xylenes (total)	"	ND		1.00										
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	88.5% 102%	Li	mits: 58-14 68-14								04/10/08 17:53 "	
LCS (8D10019-BS1)								Ext	racted:	04/10/08 09	:44			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	920		50.0	ug/l	1x		1000	92.0%	(80-120)			04/10/08 18:26	
Surrogate(s): 4-BFB (FID)		Recovery:	97.0%	Li	mits: 58-14	4% "							04/10/08 18:26	
LCS (8D10019-BS2)								Ext	racted:	04/10/08 09	:44			
Benzene	NWTPH-Gx/ 8021B	29.5		0.500	ug/l	1x		30.0	98.4%	(80-120)			04/10/08 18:59	
Toluene	"	28.9		0.500		"		"	96.4%	"				
Ethylbenzene	"	28.9		0.500	"			"	96.4%	"			"	
Xylenes (total)	"	89.4		1.00				90.0	99.3%	"				
Surrogate(s): 4-BFB (PID)		Recovery:	99.1%	Li	mits: 68-14	0% "							04/10/08 18:59	
Duplicate (8D10019-DUP1)				QC Source	: BRD008.	3-01		Ext	racted:	04/10/08 09	:44			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				NR	(25)	04/10/08 20:04	
Benzene	"	ND		0.500	"		ND				NR	"		
Foluene	"	ND		0.500	"		ND				20.1%	, " D		
Ethylbenzene	"	ND		0.500	"		ND				NR	"		
Xylenes (total)	"	ND		1.00	"		ND				NR	"	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	88.2% 100%	Li	mits: 58-14 68-14								04/10/08 20:04 "	
Duplicate (8D10019-DUP2)				QC Source	: BRD001	5-17		Exti	racted:	04/10/08 09	:44			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				NR	(25)	04/10/08 21:10	
Benzene	8021B "	ND		0.500			ND				NR	"		
Foluene	"	ND		0.500	"		ND				NR	"		
Ethylbenzene	"	ND		0.500			ND				NR	"		
Xylenes (total)	"	ND		1.00			ND				NR	"		
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	88.8% 101%	Li	mits: 58-14 68-14								04/10/08 21:10	

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Secor-Redmond				Project Nan	ne:	5353 W	estlake	EFR						
PO Box 230, 12034 - 134th Ct	NE Ste 102			Project Nun	nber:	O1CP.0	1396.41						Report Create	ed:
Redmond, WA/USA 98073				Project Mar	nager:	Jennifer	Yotz						04/15/08 16	:03
Gasoline Hydrocarb	ons (Benzene	to Naphth	alene) and	•			EPA 80	21B -	Labo	oratory (Qualit	ty Cont	rol Results	
				TestAmeri	ca Seattl	e								
QC Batch: 8D10019	Water F	Preparation	Method:	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Note
Matrix Spike (8D10019-MS1)				QC Source:	BRD008	3-01		Extr	acted:	04/10/08 09	:44			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1020		50.0	ug/l	1x	ND	1000	102%	(75-131)			04/10/08 21:43	
Surrogate(s): 4-BFB (FID)		Recovery:	96.8%	Lin	nits: 58-14	4% "							04/10/08 21:43	
Matrix Spike (8D10019-MS2)				QC Source:	BRD001	6-21		Extr	acted:	04/10/08 09	:44			
Benzene	NWTPH-Gx/ 8021B	33.2		0.500	ug/l	1x	0.219	30.0	110%	(46-130)			04/10/08 22:15	
Foluene	"	31.9		0.500	"		ND	"	106%	(60-124)				
Ethylbenzene	"	32.6		0.500	"		0.267	"	108%	(56-141)			"	
Kylenes (total)	"	99.9		1.00	"		ND	90.0	111%	(66-132)				
Surrogate(s): 4-BFB (PID)		Recovery:	99.9%	Lin	nits: 68-14	0% "							04/10/08 22:15	
Matrix Spike Dup (8D10019-MS	SD2)			QC Source:	BRD001	6-21		Extr	acted:	04/10/08 09	:44			
Benzene	NWTPH-Gx/ 8021B	32.9		0.500	ug/l	1x	0.219	30.0	109%	(46-130)	1.05%	6 (40)	04/10/08 22:48	
Toluene	"	32.3		0.500	"	"	ND	"	108%	(60-124)	1.26%	6 "	"	
thylbenzene	"	32.7		0.500	"		0.267	"	108%	(56-141)	0.233	% "		
Kylenes (total)	"	98.0		1.00	"		ND	90.0	109%	(66-132)	1.89%	6 "	"	
Surrogate(s): 4-BFB (PID)		Recovery:	102%	Lin	nits: 68-14	0% "							04/10/08 22:48	

QC Batch: 8D13010	Water F	reparation	Method: E	PA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8D13010-BLK1)								Ext	racted:	04/13/08 10):33			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x							04/13/08 12:50	
Benzene		ND		0.500	"	"								
Toluene	"	ND		0.500	"	"								
Ethylbenzene	"	ND		0.500	"	"								
Xylenes (total)		ND		1.00	"								"	
Surrogate(s): 4-BFB (FID)		Recovery:	91.9%	Lin	nits: 58-144%	"							04/13/08 12:50	
4-BFB (PID)			101%		68-140%	"							"	
LCS (8D13010-BS1)								Ext	racted:	04/13/08 10	:33			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	891		50.0	ug/l	1x		1000	89.1%	(80-120)			04/13/08 13:23	
Surrogate(s): 4-BFB (FID)		Recovery:	100%	Lin	nits: 58-144%	"							04/13/08 13:23	

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Secor-Redmond				Project Nar	ne:	5353 W	estlake	EFR						
PO Box 230, 12034 - 134th Ct	NE Ste 102			Project Nur	nber:	O1CP.0	1396.41						Report Create	d:
Redmond, WA/USA 98073				Project Mar	nager:	Jennifer	Yotz						04/15/08 16:	03
Casalina Uuduaaan	ong (Dongono)	a Nanhth	alana) and l	DTEV have	NW/TD	II C and		11D	Laha	watawa (Qualit	Cant	nol Dogulta	
Gasoline Hydrocarbo	ons (Benzene)	to Napitii	alene) and	TestAmeri			EFA OU	216 -	Labo	oratory (Quanty	y Com	roi Results	
QC Batch: 8D13010	Water P	reparation	Method: I	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
LCS (8D13010-BS2)								Extr	acted:	04/13/08 10):33			
Benzene	NWTPH-Gx/	28.5		0.500	ug/l	1x		30.0	95.0%	(80-120)			04/13/08 13:56	
Toluene	8021B "	29.2		0.500				"	97.3%					
Ethylbenzene		29.5		0.500	"				98.3%					
Xylenes (total)		87.5		1.00	"			90.0	97.2%					
Surrogate(s): 4-BFB (PID)		Recovery:	103%	Lii	nits: 68-14	0% "							04/13/08 13:56	
Duplicate (8D13010-DUP1)				QC Source:	BRD009	3-04		Extr	acted:	04/13/08 10):33			
Gasoline Range Hydrocarbons	NWTPH-Gx/	1530		50.0	ug/l	1x	1590				3.96%	(25)	04/13/08 15:03	
Benzene	8021B "	9.14		0.500	"		9.40				2.84%			
Toluene		1.31		0.500			1.38				5.58%			
Ethylbenzene		55.1		0.500			57.0				3.46%	"		
Xylenes (total)		5.46		1.00	"		6.13				11.5%	"	"	
Surrogate(s): 4-BFB (FID)		Recovery:	121%	Liı	nits: 58-14	4% "							04/13/08 15:03	
4-BFB (PID)			113%		68-1-	40% "							"	
Duplicate (8D13010-DUP2)				QC Source:	BRD009	3-02RE1		Extr	acted:	04/13/08 10):33			
Gasoline Range Hydrocarbons	NWTPH-Gx/	2050		500	ug/l	10x	2090				2.19%	(25)	04/14/08 10:05	
Benzene	8021B	166		5.00			168				1.61%	"		
Toluene		ND		5.00			ND				3.99%	"		
Ethylbenzene		247		5.00	"		249				0.870%		"	
Xylenes (total)	"	13.6		10.0	"		13.8				1.24%	"	"	
Surrogate(s): 4-BFB (FID)		Recovery:	94.0%	Lii	nits: 58-14	4% 1x							04/14/08 10:05	
4-BFB (PID)			106%		68-1-								"	
Matrix Spike (8D13010-MS1)				QC Source	BRD009	3-04		Extr	acted:	04/13/08 10):33			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	2400		50.0	ug/l	1x	1590	1000	80.6%	(75-131)			04/13/08 16:09	
Surrogate(s): 4-BFB (FID)		Recovery:	128%	Lii	nits: 58-14	4% "							04/13/08 16:09	
Matrix Spike (8D13010-MS2)				QC Source	BRD009	3-04		Extr	acted:	04/13/08 10):33			
Benzene	NWTPH-Gx/ 8021B	38.7		0.500	ug/l	1x	9.40	30.0	97.6%	(46-130)			04/13/08 17:15	
Toluene	"	31.4		0.500	"		1.38	"	100%	(60-124)			"	
Ethylbenzene		72.8		0.500	"		57.0	"	52.6%	(56-141)			"	Ν
Xylenes (total)		91.9		1.00			6.13	90.0	95.3%	(66-132)				
Surrogate(s): 4-BFB (PID)		Recovery:	109%	Lir	nits: 68-14	0% "							04/13/08 17:15	

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8021B

Secor-Redmond				Project Nam	ne: 5	353 W	vestlake 1	EFR						
PO Box 230, 12034 - 134th 0	Ct NE Ste 102			Project Num	nber: (D1CP.0	1396.41						Report Crea	ated:
Redmond, WA/USA 98073				Project Man	ager: J	ennifer	Yotz						04/15/08 1	6:03
Gasoline Hydrocar	bons (Benzene t	o Naphthalo		BTEX by I TestAmeric		G and	I EPA 80	21B - 1	Labo	ratory	Quali	ty Cont	rol Results	
QC Batch: 8D13010	Water P	reparation M	lethod: E	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result		% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (8D13010-M	ASD1)			QC Source:	BRD0093-0	4		Extra	cted: (04/13/08 1	0:33			
Gasoline Range Hydrocarbons	NWTPH-Gx/	2400		50.0	ug/l	1x	1590	1000	80.6%	(75-131)	0.0236	5% (25)	04/13/08 16:42	

Surrogate(s): 4-BFB (FID)		Recovery:	129%	Lin	nits: 58-144	% "						04/13/08 16:42	?
Matrix Spike Dup (8D13010-	-MSD2)			QC Source:	BRD0093	-04		Ext	racted:	04/13/08 10	:33		
Benzene	NWTPH-Gx/ 8021B	37.9		0.500	ug/l	1x	9.40	30.0	94.8%	(46-130)	2.16% (4	40) 04/13/08 17:48	
Toluene	"	30.8		0.500	"		1.38	"	97.9%	(60-124)	2.13% "	"	
Ethylbenzene	"	70.1		0.500	"		57.0	"	43.7%	(56-141)	3.73% "	"	M2
Xylenes (total)		91.4		1.00	"	"	6.13	90.0	94.8%	(66-132)	0.468% "		
Surrogate(s): 4-BFB (PID)		Recovery:	108%	Lin	nits: 68-140	% "						04/13/08 17:48	}

TestAmerica Seattle

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Curtis D. Armstrong For Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41 Jennifer Yotz

Report Created: 04/15/08 16:03

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8D04032	Air Pre	eparation M	ethod: EPA	5030B (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Note
Blank (8D04032-BLK1)								Extr	acted:	04/04/08 12	:00			
Gasoline Range Hydrocarbons (v/v)	NWTPH	ND		2.36	ppmv	1x							04/04/08 13:06	
Gasoline Range Hydrocarbons	Modified	ND		10.0	mg/m³ Air								"	
Benzene (v/v)		ND		0.0308	ppmv								"	
Toluene (v/v)		ND		0.0261	"									
Ethylbenzene (v/v)		ND		0.0227	"								"	
Xylenes, total (v/v)	"	ND		0.0454	"									
Benzene		ND		0.100	mg/m³ Air								"	
Toluene		ND		0.100	"									
Ethylbenzene		ND		0.100	"									
Xylenes (total)		ND		0.200	"								"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	88.0% 93.0%	L	imits: 70-150% 75-125%	"							04/04/08 13:06 "	
LCS (8D04032-BS1)								Extr	acted:	04/04/08 12	:00			
Gasoline Range Hydrocarbons	NWTPH Modified	93.5		10.0	mg/m³ Air	1x		100	93.5%	(50-150)			04/04/08 14:39	
Surrogate(s): 4-BFB (FID)		Recovery:	72.4%	L	imits: 70-150%	"							04/04/08 14:39	
LCS (8D04032-BS2)								Extr	acted:	04/04/08 12	:00			
Benzene	NWTPH	1.69		0.100	mg/m³ Air	1x		2.00	84.4%	(50-150)			04/04/08 15:39	
Toluene	Modified	1.72		0.100	"			"	85.9%					
Ethylbenzene		1.68		0.100	"			"	84.1%					
Xylenes (total)		5.22		0.200	"			6.00	87.0%					
Surrogate(s): 4-BFB (PID)		Recovery:	97.2%	L	imits: 75-125%	"							04/04/08 15:39	
LCS Dup (8D04032-BSD1)								Extr	acted:	04/04/08 14	:31			
Gasoline Range Hydrocarbons	NWTPH Modified	89.1		10.0	mg/m³ Air	1x		100	89.1%	(50-150)	4.74	% (50)	04/04/08 15:09	
Surrogate(s): 4-BFB (FID)		Recovery:	91.0%	L	imits: 70-150%	"							04/04/08 15:09	
LCS Dup (8D04032-BSD2)								Extr	acted:	04/04/08 14	:31			
Benzene	NWTPH Modified	1.70		0.100	mg/m³ Air	1x		2.00	85.0%	(50-150)	0.708	% (50)	04/04/08 16:09	
Toluene		1.66		0.100	"			"	83.0%		3.48	% "	"	
Ethylbenzene	"	1.69		0.100	"	"			84.5%		0.462	% "	"	

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PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.41 Jennifer Yotz

Report Created: 04/15/08 16:03

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8D04032	Air Pre	paration M	ethod: EPA	5030B (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Duplicate (8D04032-DUP1)				QC Sourc	e: BRD0060-01			Extr	acted:	04/04/08 14	1:31			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	ND				20.7%	(30)	04/04/08 17:09	
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv	"	ND				20.7%	, "		
Benzene (v/v)	"	ND		0.0308	"		ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"		ND				18.0%	, "		
Ethylbenzene (v/v)	"	ND		0.0227	"		ND				NR	"		
Xylenes, total (v/v)	"	ND		0.0454	"		ND				47.2%	, "		R4
Benzene		ND		0.100	mg/m³ Air		ND				NR			
Toluene		ND		0.100	"		ND				18.0%	, "		
Ethylbenzene		ND		0.100	"		ND				NR	"		
Xylenes (total)	"	ND		0.200	"	"	ND				47.2%	, "	"	R4
Surrogate(s): 4-BFB (FID)		Recovery:	84.6%	L	imits: 70-150%	"							04/04/08 17:09	
4-BFB (PID)			95.6%		75-125%	"							"	

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Curtis D. Armstrong For Sandra Yakamavich, Project Manager





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Secor Realiona	

PO Box 230, 12034 - 134th Ct NE Ste 102 Redmond, WA/USA 98073

Project Name: Project Number: Project Manager: 5353 Westlake EFR O1CP.01396.41 Jennifer Yotz

Report Created: 04/15/08 16:03

Notes and Definitions

Report Specific Notes

The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS). M2 R4 Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

- Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Electronic Signature Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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Curtis D. Armstrong For Sandra Yakamavich, Project Manager



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 907-563

425-420-9200 FAX 420-9210 509-924-9200 FAX 924-9290 503-906-9200 FAX 906-9210 907-563-9200 FAX 563-9210

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L TESTING			ADDRESS: 12034 134th CT NE, SUITE 102, REDMOND WA. 95052	27, 1650	+ F				بر [,]	о на о на	15:52 X	15:50 X	6 15:30	C 15:40				-		FIRME GELON / 5TANKEL	/	LIKW
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ader in env	ep secon	JEN YOTZ	039 159th CT	221, 160	I all a le	E: 5359 WEBLINNE	PROJECT NUMBER: MICH - 1346.41		SAMPLED BY: MATH 70WC	CLIENT SAMPLE IDENTIFICATION	AIR	Ariz	H.O		-				-	PRINT NAME: WAY TOLLG	-	ARKS:
THE LE,	CLIENT: C	REPORT TO:	ADDRESS: 140	100	101 H :ENOHA	PROJECT NAME:	PROIFCT NITME		SAMPLED BY:	CLIENT	MW - 36	3 MW 46	4 Mw. 66	5 MM . 48	, ,	, x		g	RELEASED BY:		RELEASED BY:	PRLINT NAME: ADDITTIONAL REMARKS



April 22, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 04/17/08 17:15. The following list is a summary of the Work Orders contained in this report, generated on 04/22/08 16:47.

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

Work Order BRD0248 Project 5353 Westlake EFR ProjectNumber O1CP.01396.42

TestAmerica Seattle

Kamerch Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

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Report Created: 04/22/08 16:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-48 Air (am)	BRD0248-01	Air	04/17/08 10:02	04/17/08 17:15
MW-88 Air (am)	BRD0248-02	Air	04/17/08 10:00	04/17/08 17:15
MW-48 H2O (am)	BRD0248-03	Water	04/17/08 10:20	04/17/08 17:15
MW-88 H2O (am)	BRD0248-04	Water	04/17/08 10:35	04/17/08 17:15

TestAmerica Seattle

Jacamerich

Sandra Yakamavich, Project Manager





Redmond, WA/USA 98073

Secor-RedmondProject Name:53PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)Project Number:01

.,

Project Name:	5353 Westlake EFR
Project Number:	O1CP.01396.42
Project Manager:	Jennifer Yotz

Report Created: 04/22/08 16:47

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B TestAmerica Seattle

	TestAmerica Seattle												
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes			
BRD0248-03 (MW-48 H2O (am))	Wa		Sampl	ed: 04/1	17/08 10:20							
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	57.1		50.0	ug/l	1x	8D18038	04/18/08 14:46	04/19/08 04:18				
Benzene	"	ND		0.500	"	"	"	"	"				
Toluene	"	ND		0.500	"	"	"		"				
Ethylbenzene	"	1.05		0.500	"	"	"	"					
Xylenes (total)	"	2.52		1.00	"	"	"	"					
Surrogate(s): 4-BFB (FID)			89.5%		58 - 144 %	"			"				
4-BFB (PID)			97.5%		68 - 140 %	"			"				
BRD0248-04 (MW-88 H2O (am))		Wa	Water			ed: 04/1	17/08 10:35						
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	1700		50.0	ug/l	1x	8D18038	04/18/08 14:46	04/19/08 04:50				
Benzene	"	1.88		0.500	"	"	"						
Toluene	"	ND		0.500	"	"	"	"	"				

.. ., **Xylenes** (total) .. 110 1.00 -----118% 58 - 144 % " " 4-BFB (FID) Surrogate(s): 4-BFB (PID) 113% 68 - 140 % "

0.500

51.2

TestAmerica Seattle

Ethylbenzene

americh

Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name:53Project Number:O1Project Manager:Jen

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

Report Created: 04/22/08 16:47

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRD0248-01 (MW-48 Air (am))		Air			Sampl	led: 04/1	7/08 10:02			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8D18018	04/18/08 10:45	04/18/08 17:22	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND		0.0308	"	"	"		"	
Toluene (v/v)		ND		0.0261	"	"	"	"		
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"		"	
Xylenes, total (v/v)		ND		0.0454	"	"	"			
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene		ND		0.100	"	"	"			
Ethylbenzene		ND		0.100	"	"	"		"	
Xylenes (total)		ND		0.200	"	"		"		
Surrogate(s): 4-BFB (FID)			82.1%		70 - 150 %	"			"	
4-BFB (PID)			86.6%		75 - 125 %	"			"	

BRD0248-02 (MW-88 Air (am))		Air			Sample	ed: 04/1	7/08 10:00			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0 r	mg/m³ Air	1x	8D18018	04/18/08 10:45	04/18/08 18:22	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"		
Xylenes, total (v/v)	"	ND		0.0454	"	"	"	"	"	
Benzene	"	ND		0.100 r	mg/m³ Air	"	"	"	"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200		"		"	"	
Surrogate(s): 4-BFB (FID)			89.0%		70 - 150 %	"			"	
4-BFB (PID)			90.7%		75 - 125 %	"			"	

TestAmerica Seattle

avament Sandra Yakamavich, Project Manager





Secor-Redmond				Project Nan	ne:	5353 W	estlake I	EFR						
PO Box 230, 12034 - (134th C	t NE Ste 102, zij	p 98052)		Project Nun	nber:	O1CP.0	1396.42						Report Create	ed:
Redmond, WA/USA 98073				Project Mar	lager:	Jennifer	Yotz						04/22/08 16:	:47
Gasoline Hydrocarb	ons (Benzene	to Naphth		BTEX by TestAmeri			EPA 802	21B -	Labo	ratory (Quality	y Cont	rol Results	
QC Batch: 8D18038	Water I	Preparation	n Method: H	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8D18038-BLK1)								Ext	acted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x							04/18/08 17:59	
Benzene	8021B "	ND		0.500										
Toluene	"	ND		0.500	"								"	
Ethylbenzene	"	ND		0.500	"								"	
Xylenes (total)	"	ND		1.00									"	
Surrogate(s): 4-BFB (F1D) 4-BFB (P1D)		Recovery:	87.5% 98.8%	Lin	nits: 58-144 68-140								04/18/08 17:59 "	
LCS (8D18038-BS1)								Ext	acted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	983		50.0	ug/l	1x		1000	98.3%	(80-120)			04/18/08 18:32	
Surrogate(s): 4-BFB (FID)	00210	Recovery:	95.4%	Lin	nits: 58-144	% "							04/18/08 18:32	
LCS (8D18038-BS2)								Ext	acted:	04/18/08 14	:46			
Benzene	NWTPH-Gx/ 8021B	30.3		0.500	ug/l	1x		30.0	101%	(80-120)			04/18/08 19:04	
Toluene	"	29.2		0.500	"			"	97.4%	"				
Ethylbenzene	"	30.1		0.500	"			"	100%	"				
Xylenes (total)	"	90.8		1.00	"			90.0	101%	"				
Surrogate(s): 4-BFB (PID)		Recovery:	96.7%	Lin	nits: 68-140	% "							04/18/08 19:04	
Duplicate (8D18038-DUP1)				QC Source:	BRD0191	-03		Ext	acted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	432		50.0	ug/l	1x	443				2.50%	(25)	04/18/08 20:09	
Benzene	"	4.57		0.500	"		4.65				1.89%	"		
Toluene	"	ND		0.500		"	ND				15.5%	"	"	
Ethylbenzene	"	4.00		0.500	"		3.59				10.6%	"		
Xylenes (total)	"	4.83		1.00	"		4.56				5.77%	"		
Surrogate(s): 4-BFB (FID)		Recovery:		Lin	nits: 58-144								04/18/08 20:09	
4-BFB (PID)			112%		68-140	1%0								
Duplicate (8D18038-DUP2)				QC Source:	BRD0191-	-02		Ext	acted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	117		50.0	ug/l	1x	126				6.94%		04/19/08 08:39	
Benzene	"	ND		0.500	"	"	ND				10.5%	"	"	
Toluene	"	ND		0.500	"		ND				NR			
Ethylbenzene	"	1.38		0.500			1.46				5.56%			
Xylenes (total)	"	4.53		1.00	"	"	4.70				3.68%	"	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	88.3% 101%	Lin	nits: 58-144 68-140								04/19/08 08:39 "	

TestAmerica Seattle

Sandra havamerich

The results in this report apply to the samples analyzed in accordance with the chain

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Secor-Redmond				Project Nam	ne:	5353 W	estlake	EFR						
PO Box 230, 12034 - (134th C	t NE Ste 102, zip	98052)		Project Nun	nber:	D1CP.0	1396.42						Report Create	d:
Redmond, WA/USA 98073				Project Man	ager:	ennifer	Yotz						04/22/08 16:	47
Gasoline Hydrocarb	ons (Benzene t	o Naphth	alene) and	BTEX by TestAmeric		-G and	I EPA 80	21B -	Labo	oratory (Quali	ty Con	trol Results	
QC Batch: 8D18038	Water P	reparation	Method:	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Matrix Spike (8D18038-MS1)				QC Source:	BRD0191-0	13		Extr	acted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1490		50.0	ug/l	1x	443	1000	105%	(75-131)			04/18/08 21:15	
Surrogate(s): 4-BFB (FID)		Recovery:	123%	Lin	nits: 58-1449	ó "							04/18/08 21:15	
Matrix Spike (8D18038-MS2)				QC Source:	BRD0191-0	13		Extr	acted:	04/18/08 14	:46			
Benzene	NWTPH-Gx/ 8021B	36.3		0.500	ug/l	1x	4.65	30.0	106%	(46-130)			04/18/08 22:20	
Toluene	"	30.6		0.500	"	"	0.160	"	101%	(60-124)			"	
Ethylbenzene	"	34.9		0.500	"	"	3.59		104%	(56-141)				
Xylenes (total)	"	101		1.00	"	"	4.56	90.0	107%	(66-132)				
Surrogate(s): 4-BFB (PID)		Recovery:	109%	Lin	nits: 68-140%	ó "							04/18/08 22:20	
Matrix Spike Dup (8D18038-MS	SD1)			QC Source:	BRD0191-0	13		Extr	acted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1470		50.0	ug/l	1x	443	1000	102%	(75-131)	1.78%	6 (25)	04/18/08 21:47	
Surrogate(s): 4-BFB (FID)		Recovery:	122%	Lin	nits: 58-144%	ó "							04/18/08 21:47	
Matrix Spike Dup (8D18038-MS	SD2)			QC Source:	BRD0191-0	13		Extr	acted:	04/18/08 14	:46			
Benzene	NWTPH-Gx/ 8021B	36.2		0.500	ug/l	1x	4.65	30.0	105%	(46-130)	0.375	% (40)	04/18/08 22:52	
Foluene	"	30.7		0.500	"		0.160	"	102%	(60-124)	0.450	% "	"	
Ethylbenzene	"	35.5		0.500	"	"	3.59	"	106%	(56-141)	1.69%	6 "	"	
Xylenes (total)	"	99.8		1.00	"		4.56	90.0	106%	(66-132)	0.798	% "	"	

"

Surrogate(s): 4-BFB (PID)

Recovery: 111% Limits: 68-140%

04/18/08 22:52

TestAmerica Seattle

Sandra Gauamerich Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

Report Created: 04/22/08 16:47

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

| Method
 | Result | MDL*
 | MRL
 | Units
 | Dil
 | Source
Result | Spike
Amt | %
REC
 | (Limits) | %
RPD | (Limits)
 | Analyzed | Note |
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 | |
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 |
 | | Extra | acted:
 | 04/18/08 10 | :45 |
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| NWTPH
 | ND |
 | 2.36
 | ppmv
 | 1x
 | | |
 | | |
 | 04/18/08 12:22 | |
| Modified
 | ND |
 | 10.0
 | mg/m³ Air
 |
 | | |
 | | |
 | " | |
|
 | ND |
 | 0.0308
 | ppmv
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 | | |
 | " | |
|
 | ND |
 | 0.0261
 | "
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 | " | |
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 | ND |
 | 0.0227
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 | ND |
 | 0.0454
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 | " | |
| "
 | ND |
 | 0.100
 | mg/m³ Air
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 | ND |
 | 0.100
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|
 | ND |
 | 0.100
 | "
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|
 | ND |
 | 0.200
 | "
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 | " | |
|
 | Recovery: | 92.5%
87.5%
 | L
 | imits: 70-150%
75-125%
 | "
 | | |
 | | |
 | 04/18/08 12:22
" | |
|
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 |
 |
 |
 | | Extra | acted:
 | 04/18/08 10 | :45 |
 | | |
| NWTPH
Modified
 | 117 |
 | 10.0
 | mg/m³ Air
 | 1x
 | | 100 | 117%
 | (50-150) | |
 | 04/18/08 14:55 | |
|
 | Recovery: | 86.5%
 | L
 | imits: 70-150%
 | "
 | | |
 | | |
 | 04/18/08 14:55 | |
|
 | |
 |
 |
 |
 | | Extra | acted:
 | 04/18/08 10 | :45 |
 | | |
| NWTPH
Modified
 | 2.25 |
 | 0.100
 | mg/m³ Air
 | 1x
 | | 2.00 | 112%
 | (50-150) | |
 | 04/18/08 15:55 | |
| "
 | 2.27 |
 | 0.100
 | "
 | "
 | | " | 113%
 | | |
 | | |
| "
 | 2.17 |
 | 0.100
 | "
 |
 | | " | 109%
 | " | |
 | | |
|
 | 6.64 |
 | 0.200
 | "
 | "
 | | 6.00 | 111%
 | | |
 | | |
|
 | Recovery: | 90.8%
 | L
 | imits: 75-125%
 | "
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 | | |
 | 04/18/08 15:55 | |
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 |
 | | Extra | acted:
 | 04/18/08 10 | :45 |
 | | |
| NWTPH
Modified
 | 106 |
 | 10.0
 | mg/m³ Air
 | 1x
 | | 100 | 106%
 | (50-150) | 9.61% | 6 (50)
 | 04/18/08 15:25 | |
|
 | Recovery: | 97.2%
 | L
 | imits: 70-150%
 | "
 | | |
 | | |
 | 04/18/08 15:25 | |
|
 | |
 |
 |
 |
 | | Extra | acted:
 | 04/18/08 10 | :45 |
 | | |
| NWTPH
Modified
 | 2.29 |
 | 0.100
 | mg/m³ Air
 | 1x
 | | 2.00 | 115%
 | (50-150) | 1.96% | 6 (50)
 | 04/18/08 16:25 | |
|
 | 2.17 |
 | 0.100
 | "
 |
 | | " | 108%
 | " | 4.63% | ó "
 | " | |
|
 | 2.19 |
 | 0.100
 | "
 |
 | | " | 109%
 | " | 0.5699 | % "
 | " | |
|
 | 6.60 |
 | 0.200
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 | | 0.5659 |
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| | NWTPH
Modified
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" | NWTPH
Modified ND " Recovery: NWTPH 2.25 Modified 2.27 " 2.17 " 6.64 Recovery: Recovery: NWTPH 106 Modified Recovery: NWTPH 2.29 Modified 2.17 | NWTPH
Modified ND " ND Modified 2.27 " 2.17 " 2.17 Modified Recovery: 97.2% NWTPH 106 Modified " 2.29 <tr t<="" td=""><td>NWTPH
Modified ND 2.36 " ND 10.0 " ND 0.0308 " ND 0.0261 " ND 0.0227 " ND 0.0227 " ND 0.0454 " ND 0.100 Modified 2.27 0.100 " 2.17 0.100 " 2.17 0.100 " 2.26 0.100 Modified 10.0<td>NWTPH
Modified ND 2.36 ppmv " ND 10.0 mg/m³ Air " ND 0.0308 ppmv " ND 0.0261 " " ND 0.0227 " " ND 0.0454 " " ND 0.100 mg/m³ Air " ND 0.100 " " ND 0.100 " " ND 0.100 " " ND 0.200 " " ND 0.100 " Modified 117 10.0 mg/m³ Air Modified 2.27 0.100 " " 2.17 0.100 " " 2.17 0.100 " NWTPH <td< td=""><td>NWTPH
Modified
" ND 2.36 ppmv 1x " ND 10.0 mg/m³ Air " " ND 0.0308 ppmv " " ND 0.0261 " " " ND 0.0227 " " " ND 0.0217 " " " ND 0.0227 " " " ND 0.0454 " " " ND 0.100 mg/m³ Air " " ND 0.100 " " " ND 0.200 " " Modified 117 10.0 mg/m³ Air Ix Modified 2.27 0.100 " " " 2.17 0.100 " "</td><td>NWTPH
Modified ND 2.36 pmv Ix ND 10.0 mg/m² Air " " ND 0.0308 ppmv " " ND 0.0261 " " ND 0.0277 " " ND 0.0454 " " ND 0.100 " " ND 0.200 " " Modified 2.27 0.100 mg/m³ Air Ix </td><td>Medici Medici Medici Medici Medici Medici Arit NWTPH
Modified
" ND 2.36 ppmv 1x " ND 0.0308 ppmv " " ND 0.0227 " " " ND 0.0454 " " " ND 0.0454 " " " ND 0.100 mg/m² Air " " ND 0.100 " " " ND 0.100 " " "ND 0.100 " " "ND 0.100 mg/m³ Air 1x 100 Modified<td>Mande Mande Annel Carlos Result Annel Image <thi< td=""><td>Number Number Number<</td><td>Nature Nature Nature<</td><td>Network Network <</td><td>NATION NATION Result And REC Controls RPD Controls</td></thi<></td></td></td<></td></td></tr> | NWTPH
Modified ND 2.36 " ND 10.0 " ND 0.0308 " ND 0.0261 " ND 0.0227 " ND 0.0227 " ND 0.0454 " ND 0.100 Modified 2.27 0.100 " 2.17 0.100 " 2.17 0.100 " 2.26 0.100 Modified 10.0 <td>NWTPH
Modified ND 2.36 ppmv " ND 10.0 mg/m³ Air " ND 0.0308 ppmv " ND 0.0261 " " ND 0.0227 " " ND 0.0454 " " ND 0.100 mg/m³ Air " ND 0.100 " " ND 0.100 " " ND 0.100 " " ND 0.200 " " ND 0.100 " Modified 117 10.0 mg/m³ Air Modified 2.27 0.100 " " 2.17 0.100 " " 2.17 0.100 " NWTPH <td< td=""><td>NWTPH
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" ND 2.36 ppmv 1x " ND 10.0 mg/m³ Air " " ND 0.0308 ppmv " " ND 0.0261 " " " ND 0.0227 " " " ND 0.0217 " " " ND 0.0227 " " " ND 0.0454 " " " ND 0.100 mg/m³ Air " " ND 0.100 " " " ND 0.200 " " Modified 117 10.0 mg/m³ Air Ix Modified 2.27 0.100 " " " 2.17 0.100 " "</td><td>NWTPH
Modified ND 2.36 pmv Ix ND 10.0 mg/m² Air " " ND 0.0308 ppmv " " ND 0.0261 " " ND 0.0277 " " ND 0.0454 " " ND 0.100 " " ND 0.200 " " Modified 2.27 0.100 mg/m³ Air Ix </td><td>Medici Medici Medici Medici Medici Medici Arit NWTPH
Modified
" ND 2.36 ppmv 1x " ND 0.0308 ppmv " " ND 0.0227 " " " ND 0.0454 " " " ND 0.0454 " " " ND 0.100 mg/m² Air " " ND 0.100 " " " ND 0.100 " " "ND 0.100 " " "ND 0.100 mg/m³ Air 1x 100 Modified<td>Mande Mande Annel Carlos Result Annel Image <thi< td=""><td>Number Number Number<</td><td>Nature Nature Nature<</td><td>Network Network <</td><td>NATION NATION Result And REC Controls RPD Controls</td></thi<></td></td></td<></td> | NWTPH
Modified ND 2.36 ppmv " ND 10.0 mg/m³ Air " ND 0.0308 ppmv " ND 0.0261 " " ND 0.0227 " " ND 0.0454 " " ND 0.100 mg/m³ Air " ND 0.100 " " ND 0.100 " " ND 0.100 " " ND 0.200 " " ND 0.100 " Modified 117 10.0 mg/m³ Air Modified 2.27 0.100 " " 2.17 0.100 " " 2.17 0.100 " NWTPH <td< td=""><td>NWTPH
Modified
" ND 2.36 ppmv 1x " ND 10.0 mg/m³ Air " " ND 0.0308 ppmv " " ND 0.0261 " " " ND 0.0227 " " " ND 0.0217 " " " ND 0.0227 " " " ND 0.0454 " " " ND 0.100 mg/m³ Air " " ND 0.100 " " " ND 0.200 " " Modified 117 10.0 mg/m³ Air Ix Modified 2.27 0.100 " " " 2.17 0.100 " "</td><td>NWTPH
Modified ND 2.36 pmv Ix ND 10.0 mg/m² Air " " ND 0.0308 ppmv " " ND 0.0261 " " ND 0.0277 " " ND 0.0454 " " ND 0.100 " " ND 0.200 " " Modified 2.27 0.100 mg/m³ Air Ix </td><td>Medici Medici Medici Medici Medici Medici Arit NWTPH
Modified
" ND 2.36 ppmv 1x " ND 0.0308 ppmv " " ND 0.0227 " " " ND 0.0454 " " " ND 0.0454 " " " ND 0.100 mg/m² Air " " ND 0.100 " " " ND 0.100 " " "ND 0.100 " " "ND 0.100 mg/m³ Air 1x 100 Modified<td>Mande Mande Annel Carlos Result Annel Image <thi< td=""><td>Number Number Number<</td><td>Nature Nature Nature<</td><td>Network Network <</td><td>NATION NATION Result And REC Controls RPD Controls</td></thi<></td></td></td<> | NWTPH
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Modified ND 2.36 pmv Ix ND 10.0 mg/m² Air " " ND 0.0308 ppmv " " ND 0.0261 " " ND 0.0277 " " ND 0.0454 " " ND 0.100 " " ND 0.200 " " Modified 2.27 0.100 mg/m³ Air Ix | Medici Medici Medici Medici Medici Medici Arit NWTPH
Modified
" ND 2.36 ppmv 1x " ND 0.0308 ppmv " " ND 0.0227 " " " ND 0.0454 " " " ND 0.0454 " " " ND 0.100 mg/m² Air " " ND 0.100 " " " ND 0.100 " " "ND 0.100 " " "ND 0.100 mg/m³ Air 1x 100 Modified <td>Mande Mande Annel Carlos Result Annel Image <thi< td=""><td>Number Number Number<</td><td>Nature Nature Nature<</td><td>Network Network <</td><td>NATION NATION Result And REC Controls RPD Controls</td></thi<></td> | Mande Mande Annel Carlos Result Annel Image Image <thi< td=""><td>Number Number Number<</td><td>Nature Nature Nature<</td><td>Network Network <</td><td>NATION NATION Result And REC Controls RPD Controls</td></thi<> | Number Number< | Nature Nature< | Network < | NATION NATION Result And REC Controls RPD Controls |
| NWTPH
Modified ND 2.36 " ND 10.0 " ND 0.0308 " ND 0.0261 " ND 0.0227 " ND 0.0227 " ND 0.0454 " ND 0.100 Modified 2.27 0.100 " 2.17 0.100 " 2.17 0.100 " 2.26 0.100 Modified 10.0 <td>NWTPH
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Modified
" ND 2.36 ppmv 1x " ND 10.0 mg/m³ Air " " ND 0.0308 ppmv " " ND 0.0261 " " " ND 0.0227 " " " ND 0.0217 " " " ND 0.0227 " " " ND 0.0454 " " " ND 0.100 mg/m³ Air " " ND 0.100 " " " ND 0.200 " " Modified 117 10.0 mg/m³ Air Ix Modified 2.27 0.100 " " " 2.17 0.100 " "</td><td>NWTPH
Modified ND 2.36 pmv Ix ND 10.0 mg/m² Air " " ND 0.0308 ppmv " " ND 0.0261 " " ND 0.0277 " " ND 0.0454 " " ND 0.100 " " ND 0.200 " " Modified 2.27 0.100 mg/m³ Air Ix </td><td>Medici Medici Medici Medici Medici Medici Arit NWTPH
Modified
" ND 2.36 ppmv 1x " ND 0.0308 ppmv " " ND 0.0227 " " " ND 0.0454 " " " ND 0.0454 " " " ND 0.100 mg/m² Air " " ND 0.100 " " " ND 0.100 " " "ND 0.100 " " "ND 0.100 mg/m³ Air 1x 100 Modified<td>Mande Mande Annel Carlos Result Annel Image <thi< td=""><td>Number Number Number<</td><td>Nature Nature Nature<</td><td>Network Network <</td><td>NATION NATION Result And REC Controls RPD Controls</td></thi<></td></td></td<></td> | NWTPH
Modified ND 2.36 ppmv " ND 10.0 mg/m³ Air " ND 0.0308 ppmv " ND 0.0261 " " ND 0.0227 " " ND 0.0454 " " ND 0.100 mg/m³ Air " ND 0.100 " " ND 0.100 " " ND 0.100 " " ND 0.200 " " ND 0.100 " Modified 117 10.0 mg/m³ Air Modified 2.27 0.100 " " 2.17 0.100 " " 2.17 0.100 " NWTPH <td< td=""><td>NWTPH
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Modified ND 2.36 pmv Ix ND 10.0 mg/m² Air " " ND 0.0308 ppmv " " ND 0.0261 " " ND 0.0277 " " ND 0.0454 " " ND 0.100 " " ND 0.200 " " Modified 2.27 0.100 mg/m³ Air Ix </td><td>Medici Medici Medici Medici Medici Medici Arit NWTPH
Modified
" ND 2.36 ppmv 1x " ND 0.0308 ppmv " " ND 0.0227 " " " ND 0.0454 " " " ND 0.0454 " " " ND 0.100 mg/m² Air " " ND 0.100 " " " ND 0.100 " " "ND 0.100 " " "ND 0.100 mg/m³ Air 1x 100 Modified<td>Mande Mande Annel Carlos Result Annel Image <thi< td=""><td>Number Number Number<</td><td>Nature Nature Nature<</td><td>Network Network <</td><td>NATION NATION Result And REC Controls RPD Controls</td></thi<></td></td></td<> | NWTPH
Modified
" ND 2.36 ppmv 1x " ND 10.0 mg/m³ Air " " ND 0.0308 ppmv " " ND 0.0261 " " " ND 0.0227 " " " ND 0.0217 " " " ND 0.0227 " " " ND 0.0454 " " " ND 0.100 mg/m³ Air " " ND 0.100 " " " ND 0.200 " " Modified 117 10.0 mg/m³ Air Ix Modified 2.27 0.100 " " " 2.17 0.100 " " | NWTPH
Modified ND 2.36 pmv Ix ND 10.0 mg/m² Air " " ND 0.0308 ppmv " " ND 0.0261 " " ND 0.0277 " " ND 0.0454 " " ND 0.100 " " ND 0.200 " " Modified 2.27 0.100 mg/m³ Air Ix | Medici Medici Medici Medici Medici Medici Arit NWTPH
Modified
" ND 2.36 ppmv 1x " ND 0.0308 ppmv " " ND 0.0227 " " " ND 0.0454 " " " ND 0.0454 " " " ND 0.100 mg/m² Air " " ND 0.100 " " " ND 0.100 " " "ND 0.100 " " "ND 0.100 mg/m³ Air 1x 100 Modified <td>Mande Mande Annel Carlos Result Annel Image <thi< td=""><td>Number Number Number<</td><td>Nature Nature Nature<</td><td>Network Network <</td><td>NATION NATION Result And REC Controls RPD Controls</td></thi<></td> | Mande Mande Annel Carlos Result Annel Image Image <thi< td=""><td>Number Number Number<</td><td>Nature Nature Nature<</td><td>Network Network <</td><td>NATION NATION Result And REC Controls RPD Controls</td></thi<> | Number Number< | Nature Nature< | Network < | NATION NATION Result And REC Controls RPD Controls | | | | |

TestAmerica Seattle

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Sandra Yakamavich, Project Manager

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Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

Report Created: 04/22/08 16:47

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8D18018	Air Pre	paration M	ethod: EPA	5030B (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Duplicate (8D18018-DUP1)				QC Sourc	e: BRD0248-01			Extr	acted:	04/18/08 10):45			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	ND				NR	(30)	04/18/08 17:52	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	ND				NR	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"		ND				76.8%	"	"	R4
Ethylbenzene (v/v)	"	ND		0.0227	"		ND				NR	"	"	
Xylenes, total (v/v)	"	ND		0.0454	"		ND				NR	"	"	
Benzene	"	ND		0.100	mg/m³ Air		ND				NR	"	"	
Toluene	"	ND		0.100	"		ND				76.8%	"	"	R4
Ethylbenzene		ND		0.100	"		ND				NR	"		
Xylenes (total)	"	ND		0.200	"	"	ND				NR		"	
Surrogate(s): 4-BFB (FID)		Recovery:	88.4%	I	imits: 70-150%	"							04/18/08 17:52	
4-BFB (PID)			89.7%		75-125%	"							"	

TestAmerica Seattle

Sandra Javamerich

Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

O1CP.01396.42 Jennifer Yotz

5353 Westlake EFR

Report Created: 04/22/08 16:47

Notes and Definitions

Report Specific Notes:

DET

R4 Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

Laboratory Reporting Conventions:

ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate). NR/NA _ Not Reported / Not Available Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight. dry Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet on a Wet Weight Basis. RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries). METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table. MRL

Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

- MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. _ *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable.
- Electronic Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Signature Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

accamente Yakamavich, Project Manager



Test // merica				1172	11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302 9405 SW Nimbus Ave, Beaverton, OR 97008-7145	Creek Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302 9405 SW Nimbus Ave, Beaverton, OR 97008-7145	theil, WA kane, WA erton, OR	8011-8244 19206-5302 17008-7145	425-420-9200 FAX 420-9210 509-924-9200 FAX 924-9290 503-906-9200 FAX 906-9210	9210
ANAITTICAL TESTING CORPORATION				2000 W Int	2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119	kd Ste A10, Anch	orage, AK	9502-1119	907-563-9200 FAX 563-9210	9210
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ADDRESS: [2034 [34										</td
PHONE/ALS) 372 (Los FAX: (ALS) 372 . 1650		P.O. NUMBER:	R:					׀ ר ֿ [troleum Hydrocarbon Analyses]
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ADDITIONAL REMARKS: COC REV 09/2004							ຽ	17 17	.0	OF



April 22, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 04/18/08 08:15. The following list is a summary of the Work Orders contained in this report, generated on 04/22/08 16:53.

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

Work Order BRD0250 Project 5353 Westlake EFR ProjectNumber O1CP.01396.42

TestAmerica Seattle

Hamevich Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

R

Report Created: 04/22/08 16:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-48 (pm air)	BRD0250-01	Air	04/17/08 16:27	04/18/08 08:15
MW-88 (pm air)	BRD0250-02	Air	04/17/08 16:30	04/18/08 08:15
MW-48 (pm H2O)	BRD0250-03	Water	04/17/08 16:20	04/18/08 08:15
MW-88 (pm H2O)	BRD0250-04	Water	04/17/08 16:10	04/18/08 08:15

TestAmerica Seattle

Jacamerich

Sandra Yakamavich, Project Manager





Redmond, WA/USA 98073

Secor-RedmondProject Name:PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)Project Number

Project Name:	5353 Westlake EFR
Project Number:	O1CP.01396.42
Project Manager:	Jennifer Yotz

Report Created: 04/22/08 16:53

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B TestAmerica Seattle

			Test III		attie					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRD0250-03 (MW-48 (pm H2	2 0))	Wa	ater		Sampl	ed: 04/1	17/08 16:20			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	120		50.0	ug/l	1x	8D18038	04/18/08 14:46	04/19/08 05:23	
Benzene	"	0.567		0.500	"	"	"	"		
Toluene	"	ND		0.500	"	"	"	"		
Ethylbenzene	"	2.65		0.500	"	"	"			
Xylenes (total)	"	5.54		1.00	"	"	"	"		
Surrogate(s): 4-BFB (FID)			91.0%		58 - 144 %	"			"	
4-BFB (PID)			101%		68 - 140 %	"			"	
BRD0250-04 (MW-88 (pm H2	O))	Wa	ater		Sampl	ed: 04/1	17/08 16:10			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	1710		50.0	ug/l	1x	8D18038	04/18/08 14:46	04/19/08 05:56	
Benzene	"	1.29		0.500	"	"	"	"	"	

Toluene		"	ND		0.500		"			"	
Ethylbenzene			44.7		0.500	"			"	"	
Xylenes (total)		"	119		1.00	"	"	"	"	"	
Surrogate(s):	4-BFB (FID)			116%		58 - 144 %	"			"	
	4-BFB (PID)			116%		68 - 140 %	"			"	

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Sandra Yakamavich, Project Manager





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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

5353 Westlake EFR Project Name: Project Number: Project Manager:

O1CP.01396.42 Jennifer Yotz

Report Created: 04/22/08 16:53

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRD0250-01 (MW-48 (pm air))		Air			Sampl	ed: 04/1	7/08 16:27			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8D18018	04/18/08 10:45	04/18/08 18:52	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"		"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"		"	
Benzene	"	ND		0.100	mg/m³ Air	"	"		"	
Toluene	"	ND		0.100	"	"	"		"	
Ethylbenzene	"	ND		0.100	"	"	"		"	
Xylenes (total)		ND		0.200	"	"		"		
Surrogate(s): 4-BFB (FID)			73.0%		70 - 150 %	"			"	
4-BFB (PID)			93.1%		75 - 125 %	"			"	

BRD0250-02 (MW-88 (pm air))		Air			Sampl	ed: 04/1	7/08 16:30			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0 r	ng/m³ Air	1x	8D18018	04/18/08 10:45	04/18/08 19:22	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv		"	"	"	
Benzene (v/v)	"	ND		0.0308	"		"	"	"	
Toluene (v/v)	"	ND		0.0261	"		"	"	"	
Ethylbenzene (v/v)		ND		0.0227	"		"	"		
Xylenes, total (v/v)	"	ND		0.0454	"		"	"	"	
Benzene	"	ND		0.100 r	ng/m³ Air		"	"	"	
Toluene	"	ND		0.100	"		"	"	"	
Ethylbenzene	"	ND		0.100	"		"	"	"	
Xylenes (total)	"	ND		0.200		"	"	"	"	
Surrogate(s): 4-BFB (FID)			88.4%		70 - 150 %	"			"	
4-BFB (PID)			91.1%		75 - 125 %	"			"	

TestAmerica Seattle

avament Sandra Yakamavich, Project Manager





Secor-Redmond PO Box 230, 12034 - (134th o Redmond, WA/USA 98073	Ct NE Ste 102, zij	p 98052)		Project Nar Project Nur Project Mar	nber:	5353 W O1CP.0 Jennifer		EFR					Report Creat 04/22/08 16	
Gasoline Hydrocar	bons (Benzene	to Naphth	alene) and	BTEX by TestAmeri			EPA 80	21B -	Labo	oratory (Qualit	y Cont	trol Results	
QC Batch: 8D18038	Water I	Preparation	Method:	EPA 5030B	6 (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Blank (8D18038-BLK1)								Exti	racted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x							04/18/08 17:59	
Benzene	8021B	ND		0.500	"								"	
Toluene		ND		0.500										
Ethylbenzene		ND		0.500	"									
Xylenes (total)	"	ND		1.00	"									
Surrogate(s): 4-BFB (FID)		Recovery:	87.5%		nits: 58-1-	11% "							04/18/08 17:59	
4-BFB (PID)		Recovery.	98.8%	Ell		40% "							"	
LCS (8D18038-BS1)								Ext	racted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	983		50.0	ug/l	1x		1000	98.3%	(80-120)			04/18/08 18:32	
Surrogate(s): 4-BFB (FID)	00210	Recovery:	95.4%	Lii	nits: 58-1-	44% "							04/18/08 18:32	
LCS (8D18038-BS2)								Ext	racted:	04/18/08 14	:46			
Benzene	NWTPH-Gx/	30.3		0.500	ug/l	lx		30.0	101%	(80-120)			04/18/08 19:04	
Toluene	8021B	29.2		0.500	"	"			97.4%					
Ethylbenzene		30.1		0.500				"	100%					
Xylenes (total)	"	90.8		1.00	"	"		90.0	101%					
Surrogate(s): 4-BFB (PID)		Recovery:	96.7%	Liı	nits: 68-1-	40% "							04/18/08 19:04	
Duplicate (8D18038-DUP1)				QC Source:	BRD019	91-03		Ext	acted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/	432		50.0	ug/l	lx	443				2.50%	(25)	04/18/08 20:09	
Benzene	8021B	4.57		0.500			4.65				1.89%	. "		
Toluene		ND		0.500			ND				15.5%			
Ethylbenzene	"	4.00		0.500	"		3.59				10.6%			
Xylenes (total)	"	4.83		1.00	"		4.56				5.77%			
Surrogate(s): 4-BFB (FID)		Recovery:			nits: 58-1-	44% "							04/18/08 20:09	
4-BFB (PID)		necovery.	112%	En		40% "							"	
Duplicate (8D18038-DUP2)				QC Source	BRD019	91-02		Ext	racted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/	117		50.0	ug/l	lx	126				6.94%	(25)	04/19/08 08:39	
Benzene	8021B "	ND		0.500	"	"	ND				10.5%	. "	"	
Toluene	"	ND		0.500	"	"	ND				NR	"	"	
Ethylbenzene	"	1.38		0.500	"	"	1.46				5.56%	, "	"	
Xylenes (total)	"	4.53		1.00	"	"	4.70				3.68%		"	
Surrogate(s): 4-BFB (FID)		Recovery:	88.3%	Liı	nits: 58-1-	44% "							04/19/08 08:39	
4-BFB (PID)			101%		68-1	40% "							"	

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Secor-Redmond				Project Nam	ne:	5353 W	estlake	EFR						
PO Box 230, 12034 - (134th C	t NE Ste 102, zip	98052)		Project Nurr	nber:	D1CP.0	1396.42						Report Create	d:
Redmond, WA/USA 98073				Project Man	ager:	ennifer	Yotz						04/22/08 16:	53
Gasoline Hydrocarb	ons (Benzene t	o Naphth	alene) and	BTEX by TestAmeric		-G and	I EPA 80	21B -	Labo	oratory (Quali	ty Con	trol Results	
QC Batch: 8D18038	Water P	reparation	Method:	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Matrix Spike (8D18038-MS1)				QC Source:	BRD0191-0	13		Extr	acted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1490		50.0	ug/l	1x	443	1000	105%	(75-131)			04/18/08 21:15	
Surrogate(s): 4-BFB (FID)		Recovery:	123%	Lin	nits: 58-1449	ó "							04/18/08 21:15	
Matrix Spike (8D18038-MS2)				QC Source:	BRD0191-0	13		Extr	acted:	04/18/08 14	:46			
Benzene	NWTPH-Gx/ 8021B	36.3		0.500	ug/l	1x	4.65	30.0	106%	(46-130)			04/18/08 22:20	
Toluene	"	30.6		0.500	"	"	0.160	"	101%	(60-124)			"	
Ethylbenzene	"	34.9		0.500	"	"	3.59		104%	(56-141)				
Xylenes (total)	"	101		1.00	"	"	4.56	90.0	107%	(66-132)				
Surrogate(s): 4-BFB (PID)		Recovery:	109%	Lin	nits: 68-140%	ó "							04/18/08 22:20	
Matrix Spike Dup (8D18038-MS	SD1)			QC Source:	BRD0191-0	13		Extr	acted:	04/18/08 14	:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1470		50.0	ug/l	1x	443	1000	102%	(75-131)	1.78%	6 (25)	04/18/08 21:47	
Surrogate(s): 4-BFB (FID)		Recovery:	122%	Lin	nits: 58-1449	ó "							04/18/08 21:47	
Matrix Spike Dup (8D18038-MS	SD2)			QC Source:	BRD0191-0	13		Extr	acted:	04/18/08 14	:46			
Benzene	NWTPH-Gx/ 8021B	36.2		0.500	ug/l	1x	4.65	30.0	105%	(46-130)	0.375	% (40)	04/18/08 22:52	
Toluene	"	30.7		0.500	"		0.160	"	102%	(60-124)	0.450	% "	"	
Ethylbenzene	"	35.5		0.500	"	"	3.59	"	106%	(56-141)	1.69%	6 "	"	
Xylenes (total)	"	99.8		1.00	"		4.56	90.0	106%	(66-132)	0.798	% "	"	

"

Surrogate(s): 4-BFB (PID)

Recovery: 111% Limits: 68-140%

04/18/08 22:52

TestAmerica Seattle

Sandra Gauamerich Sandra Yakamavich, Project Manager

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Page 6 of 9



Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

Report Created: 04/22/08 16:53

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8D18018	Air Pre	eparation M	lethod: EPA	5030B (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)) Analyzed	Notes
Blank (8D18018-BLK1)								Extr	acted:	04/18/08 10):45			
Gasoline Range Hydrocarbons	NWTPH	ND		10.0	mg/m³ Air	1x							04/18/08 12:22	
Gasoline Range Hydrocarbons (v/v)	Modified	ND		2.36	ppmv								"	
Benzene (v/v)		ND		0.0308	"								"	
Toluene (v/v)		ND		0.0261	"									
Ethylbenzene (v/v)		ND		0.0227	"	"							"	
Xylenes, total (v/v)	"	ND		0.0454	"	"							"	
Benzene		ND		0.100	mg/m³ Air	"								
Toluene	"	ND		0.100	"	"								
Ethylbenzene		ND		0.100	"	"								
Xylenes (total)		ND		0.200	"	"							"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	92.5% 87.5%	L	imits: 70-150% 75-125%	"							04/18/08 12:22 "	
LCS (8D18018-BS1)								Extr	acted:	04/18/08 10):45			
Gasoline Range Hydrocarbons	NWTPH Modified	117		10.0	mg/m³ Air	1x		100	117%	(50-150)			04/18/08 14:55	
Surrogate(s): 4-BFB (FID)		Recovery:	86.5%	L	imits: 70-150%	"							04/18/08 14:55	
LCS (8D18018-BS2)								Extr	acted:	04/18/08 10):45			
Benzene	NWTPH Modified	2.25		0.100	mg/m³ Air	1x		2.00	112%	(50-150)			04/18/08 15:55	
Foluene	"	2.27		0.100	"	"		"	113%	"			"	
Ethylbenzene		2.17		0.100	"			"	109%	"			"	
Kylenes (total)		6.64		0.200	"	"		6.00	111%					
Surrogate(s): 4-BFB (PID)		Recovery:	90.8%	L	imits: 75-125%	"							04/18/08 15:55	
LCS Dup (8D18018-BSD1)								Extr	acted:	04/18/08 10):45			
Gasoline Range Hydrocarbons	NWTPH Modified	106		10.0	mg/m³ Air	1x		100	106%	(50-150)	9.61%	6 (50)	04/18/08 15:25	
Surrogate(s): 4-BFB (FID)		Recovery:	97.2%	L	imits: 70-150%	"							04/18/08 15:25	
LCS Dup (8D18018-BSD2)								Extr	acted:	04/18/08 10):45			
Benzene	NWTPH Modified	2.29		0.100	mg/m³ Air	1x		2.00	115%	(50-150)	1.96%	6 (50)	04/18/08 16:25	
Гoluene	"	2.17		0.100	"	"		"	108%	"	4.63%	6 "	"	
thylbenzene		2.19		0.100	"	"		"	109%	"	0.569	% "	"	
Xylenes (total)		6.60		0.200	"	"		6.00	110%	"	0.565	% "	"	
Surrogate(s): 4-BFB (PID)		Recovery:	91.0%	L	imits: 75-125%	"							04/18/08 16:25	

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Sandra Yakamavich, Project Manager

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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

Report Created: 04/22/08 16:53

Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8D18018	Air Pre	paration M	ethod: EPA	5030B (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Duplicate (8D18018-DUP1)				QC Sourc	e: BRD0248-01			Extr	acted:	04/18/08 10):45			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	ND				NR	(30)	04/18/08 17:52	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	ND				NR	"		
Benzene (v/v)	"	ND		0.0308	"		ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"		ND				76.8%			R4
Ethylbenzene (v/v)	"	ND		0.0227	"		ND				NR	"		
Xylenes, total (v/v)	"	ND		0.0454	"		ND				NR	"		
Benzene	"	ND		0.100	mg/m³ Air		ND				NR	"		
Toluene	"	ND		0.100	"		ND				76.8%	"		R4
Ethylbenzene	"	ND		0.100	"		ND				NR			
Xylenes (total)	"	ND		0.200	"	"	ND				NR	"	"	
Surrogate(s): 4-BFB (FID)		Recovery:	88.4%	I	imits: 70-150%	"							04/18/08 17:52	
4-BFB (PID)			89.7%		75-125%	"							"	

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Sandra Javamerich

Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

O1CP.01396.42 Jennifer Yotz

5353 Westlake EFR

Report Created: 04/22/08 16:53

Notes and Definitions

Report Specific Notes:

DET

R4 Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

Laboratory Reporting Conventions:

ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate). NR/NA _ Not Reported / Not Available Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight. dry Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet on a Wet Weight Basis. RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries). METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table. MRL

Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

- MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. _ *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable.
- Electronic Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Signature Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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accamente Yakamavich, Project Manager



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425-420-9200 FAX 420-9210 509-924-9200 FAX 924-9290 503-906-9200 FAX 906-9210 907-563-9200 FAX 563-9210

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PHONE: 415 372 1000 FAX: 415 372 1650			P.O. NUMBER	ER:				STD. Petrol	eum Hydrocarbon Analy	[
PROJECT NAME: 5353 WEST AKE				PRESER	PRESERVATIVE			5 4	3 2 1	<u>-</u>
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ADDITIONAL REMARKS:									10, 01	PAGE OF
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May 22, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 05/15/08 16:20. The following list is a summary of the Work Orders contained in this report, generated on 05/22/08 15:40.

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

Work Order BRE0212 Project 5353 Westlake EFR ProjectNumber O1CP.01396

TestAmerica Seattle

Hamevich Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396 Jennifer Yotz

Report Created: 05/22/08 15:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFR-1	BRE0212-01	Water	05/15/08 14:45	05/15/08 16:20
EFR-2	BRE0212-02	Water	05/15/08 14:57	05/15/08 16:20
EFR-3	BRE0212-03	Water	05/15/08 15:00	05/15/08 16:20
MW-88	BRE0212-04	Water	05/15/08 15:10	05/15/08 16:20
MW-48	BRE0212-05	Water	05/15/08 15:20	05/15/08 16:20
MW-65	BRE0212-06	Water	05/15/08 15:30	05/15/08 16:20

TestAmerica Seattle

Jacamerich

Sandra Yakamavich, Project Manager





Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:40

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B

Method WTPH-Gx/802 1B " "	Result Wa 160 ND ND	MDL* 	MRL 50.0	Units Sample	Dil ed: 05/1	Batch 5/08 14:45 8E19022	Prepared 05/19/08 09:01	Analyzed 05/19/08 23:46	Notes
1B " "	160 ND		50.0				05/19/08 09:01	05/10/08 22:46	
1B " "	ND		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/10/08 22:46	
"						021/022		05/19/08 25.40	
	ND		0.500	"		"			
"			0.500	"		"			
	4.34		0.500	"	"		"	"	
		94.5%		58 - 144 %	"			"	
		108%		68 - 140 %	"			"	
	Wa	iter		Sampl	ed: 05/1	5/08 14:45			
WTPH-Gx/802 1B	9.78		1.00	ug/l	1x	8E20047	05/20/08 14:26	05/20/08 22:57	
		107%		68 - 140 %	"			"	
	Wa	iter		Sample	ed: 05/1	5/08 14:57			
WTPH-Gx/802 1B	764		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/20/08 00:19	
"	1.27		0.500	"				"	
"	ND		0.500	"			"	"	
"	21.2		0.500	"			"		
	1B WTPH-Gx/802 1B " "	WTPH-Gx/802 9.78 1B Wa WTPH-Gx/802 764 1B " 1.27 " ND	108% Water WTPH-Gx/802 18 107% 107% WTPH-Gx/802 764 18 " 1.27 " ND	108% Water WTPH-Gx/802 9.78 1.00 ID7% WATER-Gx/802 764 50.0 IB 1.27 0.500 " 1.27 0.500 " ND 0.500	108% 68 - 140 % Water Sample IWTPH-Gx/802 9.78 1.00 ug/l 107% 68 - 140 % Water Sample WTPH-Gx/802 764 50.0 ug/l IB 1.27 0.500 " " ND 0.500 "	34.3% 36 - 144 % 108% 68 - 140 % " Water Sampled: 05/1 WTPH-Gx/802 9.78 107% 68 - 140 % " Water Sampled: 05/1 Water Sampled: 05/1 Water Sampled: 05/1 Water Sampled: 05/1 WTPH-Gx/802 764 1B 1.27 0.500 " " ND 0.500 "	Water Sampled: 05/15/08 14:45 WWTPH-Gx/802 1B 9.78 1.00 ug/l 1x 8E20047 Water Sampled: 05/15/08 14:57 WWTPH-Gx/802 9.76 1.00 ug/l 1x 8E20047 IB 107% 68 - 140 % " Water Sampled: 05/15/08 14:57 WWTPH-Gx/802 764 50.0 ug/l 1x 8E19022 IB 1.27 0.500 " "	Water Sampled: 05/15/08 14:45 WWTPH-Gx/802 9.78 1.00 ug/l 1x 8E20047 05/20/08 14:26 Water Sampled: 05/15/08 14:45 Water Sampled: 05/15/08 14:57 Water Sampled: 05/15/08 14:57 WATER Sampled: 05/15/08 14:57 IND 0.500 "	34-376 36-144 % 108% 68-140 % " " Water Sampled: 05/15/08 14:45 WTPH-Gx/802 9.78 1.00 ug/l lx 8E20047 05/20/08 14:26 05/20/08 22:57 IB " Water Sampled: 05/15/08 14:57 WATEPH-Gx/802 764 50.0 ug/l lx 8E19022 05/19/08 09:01 05/20/08 00:19 IB " " ND 0.500 " "

Ethylbenzene		"	21.2		0.500		"	"		"	
Xylenes (total)		"	49.4		1.00		"	"	"	"	
Surrogate(s):	4-BFB (FID)			104%		58 - 144 %	"			"	
	4-BFB (PID)			112%		68 - 140 %	"			"	

BRE0212-03 (EFR-3)		Wa	ater		Sample	ed: 05/1	5/08 15:00			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	452		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/20/08 00:52	
Benzene	"	0.756		0.500		"	"		"	
Toluene	"	ND		0.500		"	"	"	"	
Ethylbenzene	"	11.5		0.500		"	"		"	
Xylenes (total)	"	27.2		1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			99.0%		58 - 144 %	"			"	

109%

4-BFB (PID)

68 - 140 %

BRE0212-04 (MW-88)		Wat	er		Samj	pled: 05/1	5/08 15:10			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	2280		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/20/08 01:25	
Benzene	"	2.12		0.500		"	"		"	
Toluene	"	ND		0.500		"	"		"	
Ethylbenzene	"	68.6		0.500		"	"		"	
Xylenes (total)	"	161		1.00		"	"		"	

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Sandra Yakamavich, Project Manager

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Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:40

			TestAm	erica Sea	attle					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0212-04 (MW-88)		Wa	ater		Sampl	ed: 05/1	5/08 15:10			
Surrogate(s): 4-BFB (FID)			125%		58 - 144 %	lx			05/20/08 01:25	
4-BFB (PID)			123%		68 - 140 %	"			"	
BRE0212-05 (MW-48)		Wa	ater		Sampl	ed: 05/1	5/08 15:20			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	544		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/20/08 01:58	
Benzene	"	2.32		0.500	"	"	"	"		
Toluene	"	ND		0.500	"	"	"	"	"	
Ethylbenzene	"	15.8		0.500	"	"	"	"		
Xylenes (total)	"	31.9		1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"			"	
4-BFB (PID)			111%		68 - 140 %	"			"	
BRE0212-06 (MW-65)		Wa	ater		Sampl	ed: 05/1	5/08 15:30			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	114		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/20/08 02:31	
Benzene	"	ND		0.500	"	"	"	"		
Toluene	"	ND		0.500		"		"		
Surrogate(s): 4-BFB (FID)			89.3%		58 - 144 %	"			"	
4-BFB (PID)			107%		68 - 140 %	"			"	
BRE0212-06RE1 (MW-65)		Wa	ater		Sampl	ed: 05/1	5/08 15:30			
Ethylbenzene	NWTPH-Gx/802 1B	1.35		0.500	ug/l	1x	8E20047	05/20/08 14:26	05/20/08 23:30	
Xylenes (total)	"	2.87		1.00		"	"	"		

Surrogate(s): 4-BFB (PID)

106%

68 - 140 %

"

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		Ct NE Ste 102, zip	o 98052)		Project Nam Project Num Project Man	nber:	5353 W O1CP.0 Jennifer		EFR					Report Create 05/22/08 15	
Gaso	line Hydrocar	bons (Benzene	to Naphth	alene) and	BTEX by I TestAmeric		-G and	EPA 80	21B -	Labo	oratory (Qualit	y Cont	rol Results	
QC Batch	: 8E19022	Water P	reparation	Method:	EPA 5030B	(P/T)									
Analyte		Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)) Analyzed	Notes
Blank (8E1902	2-BLK1)								Extra	acted:	05/19/08 09	:01			
Gasoline Range Hydr	ocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x							05/19/08 12:32	
Benzene		8021B "	ND		0.500		"								
Toluene		"	ND		0.500									"	
Ethylbenzene		"	ND		0.500									"	
Xylenes (total)			ND		1.00		"							"	
Surrogate(s):	4-BFB (FID) 4-BFB (PID)		Recovery:	93.8% 105%	Lim	nits: 58-1449 68-140								05/19/08 12:32 "	
LCS (8E19022	-BS1)								Extra	acted:	05/19/08 09	:01			
Gasoline Range Hydr	ocarbons	NWTPH-Gx/ 8021B	1040		50.0	ug/l	1x		1000	104%	(80-120)			05/19/08 13:05	
Surrogate(s):	4-BFB (FID)		Recovery:	101%	Lim	nits: 58-1449	% "							05/19/08 13:05	
LCS (8E19022	-BS2)								Extra	acted:	05/19/08 09	:01			
Benzene		NWTPH-Gx/ 8021B	29.7		0.500	ug/l	1x		30.0	98.9%	(80-120)			05/19/08 13:38	
Toluene		"	29.7		0.500	"			"	98.9%	"			"	
Ethylbenzene		"	30.7		0.500				"	102%	"			"	
Xylenes (total)		"	91.1		1.00	"	"		90.0	101%	"			"	
Surrogate(s):	4-BFB (PID)		Recovery:	103%	Lim	nits: 68-1409	% "							05/19/08 13:38	
Duplicate (8E1	9022-DUP1)				QC Source:	BRE0209-	01		Extra	acted:	05/19/08 09	:01			
Gasoline Range Hydr	ocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x	ND				6.31%	(25)	05/19/08 14:44	
Benzene		8021B	ND		0.500		"	ND				NR			
Toluene		"	ND		0.500		"	ND				16.0%	. "	"	
Ethylbenzene			ND		0.500		"	ND				18.3%			
Xylenes (total)			ND		1.00		"	ND				9.18%			
Surrogate(s):	4-BFB (FID) 4-BFB (PID)		Recovery:	92.6% 104%	Lim	nits: 58-1449 68-140								05/19/08 14:44 "	
Duplicate (8E1	9022-DUP2)				QC Source:	BRE0209-	02		Extra	acted:	05/19/08 09	:01			
Gasoline Range Hydr		NWTPH-Gx/ 8021B	818		50.0	ug/l	lx	839					(25)	05/19/08 15:50	
Benzene		"	0.892		0.500		"	0.895				0.336%	6 "	"	
Toluene		"	ND		0.500		"	ND				6.33%	. "	"	
Ethylbenzene		"	21.6		0.500		"	23.0				6.26%	. "	"	
Xylenes (total)		"	54.9		1.00		"	57.6				4.79%	. "		
Surrogate(s):	4-BFB (FID) 4-BFB (PID)		Recovery:	105% 110%	Lim	nits: 58-1449 68-140								05/19/08 15:50 "	

TestAmerica Seattle

Sandra havamerich

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Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:40
Gasoline Hydrocarbons (Benzene to Naphthalene	e) and BTEX by NWT	PH-G and EPA 8021B - Laborator	y Quality Control Results

-	-			TestAmerio	ca Seattle					•		-		
QC Batch: 8E19022	Water P	reparation	Method: E	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (8E19022-MS1)				QC Source:	BRE0209-01			Ext	racted:	05/19/08 09):01			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1100		50.0	ug/l	1x	20.9	1000	108%	(75-131)			05/19/08 16:56	
Surrogate(s): 4-BFB (FID)		Recovery:	100%	Lin	nits: 58-144%	"							05/19/08 16:56	
Matrix Spike (8E19022-MS2)				QC Source:	BRE0209-02	!		Ext	racted:	05/19/08 09):01			
Benzene	NWTPH-Gx/ 8021B	31.1		0.500	ug/l	lx	0.895	30.0	101%	(46-130)			05/19/08 19:56	
Toluene	"	29.2		0.500	"		0.277	"	96.4%	(60-124)				
Ethylbenzene	"	47.6		0.500	"		23.0	"	82.0%	(56-141)				
Xylenes (total)	"	131		1.00	"		57.6	90.0	81.2%	(66-132)			"	
Surrogate(s): 4-BFB (PID)		Recovery:	117%	Lin	nits: 68-140%	"							05/19/08 19:56	

QC Batch: 8E20047 Water Preparation Method: EPA 5030B (P/T) ⁰‰ (Limits) REC Source Result Spike Amt % RPD Analyte Method Result MDL* MRL Units Dil (Limits) Analyzed Notes Blank (8E20047-BLK1) Extracted: 05/20/08 14:26 Gasoline Range Hydrocarbons NWTPH-Gx/ ND 50.0 1x 05/20/08 15:17 ug/l ---8021B Benzene ND 0.500 Toluene .. ND 0.500 .. --------" .. 0.500 Ethylbenzene ND ---___ ------Xylenes (total) " ND 1.00 4-BFB (FID) 93.4% Limits: 58-144% " 05/20/08 15:17 Surrogate(s): Recovery: ,, 4-BFB (PID) 108% 68-140% LCS (8E20047-BS1) Extracted: 05/20/08 14:26 NWTPH-Gx/ ---50.0 05/20/08 15:50 Gasoline Range Hydrocarbons 994 ug/l 1x ---1000 99.4% (80-120) 8021B " 05/20/08 15:50 Surrogate(s): 4-BFB (FID) Limits: 58-144% Recovery: 99.6% LCS (8E20047-BS2) Extracted: 05/20/08 14:26 NWTPH-Gx/ 29.8 0.500 1x 30.0 99.4% (80-120) 05/20/08 16:23 Benzene --ug/l ---------8021B Toluene 30.0 0.500 100% ---------" .. ., .. Ethylbenzene 31.0 0.500 103% .. ___ ------" " 92.7 ----1.00 ---90.0 103% ---Xylenes (total) Surrogate(s): 4-BFB (PID) 05/20/08 16:23 106% Limits: 68-140% " Recovery:

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Sandra Yakamavich, Project Manager



PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Project Number: O1CP.01396 Report Created:	Secor-Redmond	Project Name:	5353 Westlake EFR	
	PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396	Report Created:
Redmond, WA/USA 98073Project Manager:Jennifer Yotz05/22/08 15:40	Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:40

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8E20047	Water I	reparation	n Method:	EPA 5030B	5 (P/T)									
Analyte	Method	Result	MDL	* MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8E20047-DUP1)				QC Source:	BRE0216-01			Extr	acted:	05/20/08 14	:26			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				NR	(25)	05/20/08 17:29	
Benzene	"	ND		0.500	"	"	ND				NR	"		
Toluene	"	ND		0.500	"	"	ND				NR	"		
Ethylbenzene	"	ND		0.500	"	"	ND				NR	"		
Xylenes (total)	"	ND		1.00	"	"	ND				NR	"	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	95.4% 109%	Lin	nits: 58-144% 68-140%	"							05/20/08 17:29 "	
Duplicate (8E20047-DUP2)				QC Source:	BRE0216-02			Extr	acted:	05/20/08 14	:26			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				NR	(25)	05/20/08 18:34	
Benzene	"	ND		0.500	"	"	ND				NR	"		
Toluene	"	ND		0.500	"	"	ND				NR	"		
Ethylbenzene	"	ND		0.500	"	"	ND				NR	"		
Xylenes (total)	"	ND		1.00	"	"	ND				NR	"	"	
Surrogate(s): 4-BFB (FID)		Recovery:	94.5%	Lin	nits: 58-144%	"							05/20/08 18:34	
4-BFB (PID)			108%		68-140%	"							"	
Matrix Spike (8E20047-MS1)				QC Source:	BRE0216-01			Extr	acted:	05/20/08 14	:26			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1080		50.0	ug/l	1x	ND	1000	108%	(75-131)			05/20/08 19:40	
Surrogate(s): 4-BFB (FID)		Recovery:	101%	Lin	nits: 58-144%	"							05/20/08 19:40	
Matrix Spike (8E20047-MS2)				QC Source:	BRE0216-02			Extr	acted:	05/20/08 14	:26			
Benzene	NWTPH-Gx/ 8021B	33.3		0.500	ug/l	1x	ND	30.0	111%	(46-130)			05/20/08 20:13	
Toluene	"	33.1		0.500	"	"	ND	"	110%	(60-124)				
Ethylbenzene	"	33.8		0.500		"	ND	"	113%	(56-141)			"	

Surrogate(s): 4-BFB (PID)

Recovery: 106%

Limits: 68-140% "

05/20/08 20:13

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Savamerich andra Sandra Yakamavich, Project Manager





Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396 Jennifer Yotz

Report Created: 05/22/08 15:40

Notes and Definitions

Report Specific Notes:

None

Laboratory Reporting Conventions:

- DET Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA _ Not Reported / Not Available
- dry Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet on a Wet Weight Basis.
- RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table. MRL
- MDL* _ METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable.
- Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Electronic Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Signature Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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unevich) Yakamavich, Project Manager



TestAmerico	Ö		11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302 9405 SW Nimbus Ave, Beaverton, OR 97008-7145 2000 M 1440-441 A 1945 SW 20077119	XA 98011-8244 425-420-9200 FAX 420-9210 XA 99206-5302 509-924-9200 FAX 924-9290 S0 97008-7145 503-906-9200 FAX 906-9210 XX 807008-7110 007-563-0700 FAX 563-9210
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PROJECT NUMBER: OLCP-01349	x + t	PROTIRETED ANALYCES		OTHER Specify
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May 22, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 05/15/08 13:15. The following list is a summary of the Work Orders contained in this report, generated on 05/22/08 15:42.

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

Work Order BRE0209 Project 5353 Westlake EFR ProjectNumber O1CP.01396.41

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Hamevich Sandra Yakamavich, Project Manager





### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

**5353 Westlake EFR** O1CP.01396.41 Jennifer Yotz

Report Created: 05/22/08 15:42

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFR-1	BRE0209-01	Water	05/15/08 09:30	05/15/08 13:15
EFR-2	BRE0209-02	Water	05/15/08 09:40	05/15/08 13:15
EFR-3	BRE0209-03	Water	05/15/08 09:50	05/15/08 13:15
MW-88	BRE0209-04	Water	05/15/08 10:00	05/15/08 13:15
MW-48	BRE0209-05	Water	05/15/08 10:10	05/15/08 13:15
MW-65	BRE0209-06	Water	05/15/08 10:20	05/15/08 13:15

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Sandra Yakamavich, Project Manager





#### Secor-Redmond 5353 Westlake EFR Project Name: PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) O1CP.01396.41 Project Number:

Redmond, WA/USA 98073

Project Manager: Jennifer Yotz

Report Created: 05/22/08 15:42

#### Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B Fant Amanian Cantila

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0209-01 (EFR	-1)		Wa	ıter		Sampl	ed: 05/1	15/08 09:30			
Gasoline Range Hydrocart	bons	NWTPH-Gx/802 1B	ND		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/19/08 14:11	
Benzene		"	ND		0.500	"	"	"	"		
Toluene		"	ND		0.500	"	"	"	"		
Ethylbenzene		"	ND		0.500	"	"	"	"	"	
Xylenes (total)		"	ND		1.00		"	"	"	"	
Surrogate(s): 4-BF	FB (FID)			92.1%		58 - 144 %	"			"	
	FB (PID)			104%		68 - 140 %	"			"	
BRE0209-02 (EFR	-2)		Wa	iter		Sampl	ed: 05/1	15/08 09:40			
Gasoline Range Hydroca	rbons	NWTPH-Gx/802 1B	839		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/19/08 15:17	
Benzene		"	0.895		0.500	"	"	"			
Toluene		"	ND		0.500		"	"	"		
Ethylbenzene		"	23.0		0.500	"	"	"			
Xylenes (total)		"	57.6		1.00	"	"	"	"		
Surrogate(s): 4-BF	FB (FID)			106%		58 - 144 %	"			"	
4-BF	FB (PID)			112%		68 - 140 %	"			"	
BRE0209-03 (EFR	-3)		Wa	ıter		Sampl	ed: 05/1	15/08 09:50			
Gasoline Range Hydroca	rbons	NWTPH-Gx/802 1B	610		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/19/08 16:23	
Benzene		"	0.616		0.500	"	"	"			
Toluene		"	ND		0.500		"	"			
Ethylbenzene		"	15.1		0.500		"	"	"	"	
Xylenes (total)		"	36.6		1.00	"	"		"	"	
Surrogate(s): 4-BF	FB (FID)			102%		58 - 144 %	"			"	
4-BF	FB (PID)			108%		68 - 140 %	"			"	
BRE0209-04 (MW	-88)		Wa	iter		Sampl	ed: 05/1	15/08 10:00			
<b>X</b>	,								05/10/08 00:01		

Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	3020		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/19/08 22:07	
Benzene	"	2.93		0.500	"	"	"		"	
Toluene	"	0.657		0.500	"	"	"		"	
Ethylbenzene	"	85.1		0.500	"	"	"		"	
Xylenes (total)	"	203		1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			141%		58 - 144 %	"			"	
4-BFB (PID)			123%		68 - 140 %	"			"	

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Report Created:

05/22/08 15:42

#### Secor-Redmond 5353 Westlake EFR Project Name: PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) O1CP.01396.41 Project Number: Redmond, WA/USA 98073 Project Manager: Jennifer Yotz

## Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B

			TestAm	erica Sea	attle					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0209-05 (MW-48)		W	ater		Sampl	ed: 05/1	15/08 10:10			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	469		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/19/08 22:40	
Benzene	"	1.09		0.500	"	"	"			
Toluene	"	ND		0.500		"	"	"		
Ethylbenzene	"	10.4		0.500	"	"	"			
Xylenes (total)	"	23.9		1.00	"	"	"			
Surrogate(s): 4-BFB (FID)			101%		58 - 144 %	"			"	
4-BFB (PID)			111%		68 - 140 %	"			"	
BRE0209-06 (MW-65)		W	ater		Sampl	ed: 05/1	15/08 10:20			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	140		50.0	ug/l	1x	8E19022	05/19/08 09:01	05/19/08 23:13	
Benzene	"	ND		0.500		"	"	"		
Toluene	"	ND		0.500		"	"		"	
Surrogate(s): 4-BFB (FID)			94.4%		58 - 144 %	"			"	
4-BFB (PID)			108%		68 - 140 %	"			"	
BRE0209-06RE1 (MW-65)		W	ater		Sampl	ed: 05/1	15/08 10:20			
Ethylbenzene	NWTPH-Gx/802 1B	1.53		0.500	ug/l	1x	8E20047	05/20/08 14:26	05/20/08 22:24	
Xylenes (total)	"	3.95		1.00	"	"	"	"		
Surrogate(s): 4-BFB (PID)			107%		68 - 140 %	"			"	

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Sandra Yakamavich, Project Manager





<b>Secor-Redmond</b> PO Box 230, 12034 - (134th 0 Redmond, WA/USA 98073	Ct NE Ste 102, zij	p 98052)		Project Nan Project Nur Project Mar	nber:	5353 W O1CP.01 Jennifer		EFR					Report Create 05/22/08 15:	
Gasoline Hydrocar	bons (Benzene	to Naphth		BTEX by TestAmeri			EPA 80	21B -	Labo	ratory (	Qualit	y Conti	ol Results	
QC Batch: 8E19022	Water P	reparation	Method: H	EPA 5030B	6 (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8E19022-BLK1)								Extr	racted:	05/19/08 09	:01			
Gasoline Range Hydrocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x							05/19/08 12:32	
Benzene	8021B	ND		0.500	"								"	
Toluene	"	ND		0.500	"								"	
Ethylbenzene	"	ND		0.500									"	
Xylenes (total)	"	ND		1.00									"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	93.8% 105%	Lin	mits: 58-144 68-14								05/19/08 12:32 "	
LCS (8E19022-BS1)								Extr	racted:	05/19/08 09	:01			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1040		50.0	ug/l	1x		1000	104%	(80-120)			05/19/08 13:05	
Surrogate(s): 4-BFB (FID)	8021B	Recovery:	101%	Lin	nits: 58-144	1% "							05/19/08 13:05	
LCS (8E19022-BS2)								Extr	racted:	05/19/08 09	:01			
Benzene	NWTPH-Gx/	29.7		0.500	ug/l	1x		30.0	98.9%	(80-120)			05/19/08 13:38	
T-1	8021B	20.7		0.500					98.9%					
Toluene Ethylbenzene		29.7 30.7		0.500	"				98.9% 102%				"	
Xylenes (total)	"	91.1		1.00				90.0	102%					
Surrogate(s): 4-BFB (PID)		Recovery:			nits: 68-14(	0% "		90.0	10170				05/19/08 13:38	
Duplicate (8E19022-DUP1)				QC Source:					racted:	05/19/08 09				
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				6.31%	(25)	05/19/08 14:44	
Benzene	"	ND		0.500	"		ND				NR	"	"	
Toluene	"	ND		0.500	"		ND				16.0%	"	"	
Ethylbenzene		ND		0.500	"		ND				18.3%	"	"	
Xylenes (total)		ND		1.00	"		ND				9.18%	"	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	92.6% 104%	Lin	nits: 58-144 68-14								05/19/08 14:44 "	
Duplicate (8E19022-DUP2)				QC Source:	: BRE0209	-02		Extr	racted:	05/19/08 09	:01			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	818		50.0	ug/l	1x	839				2.62%	(25)	05/19/08 15:50	
Benzene	"	0.892		0.500	"		0.895				0.336%	0 "	"	
Toluene	"	ND		0.500	"		ND				6.33%	"	"	
Ethylbenzene	"	21.6		0.500	"		23.0				6.26%	"	"	
Xylenes (total)	"	54.9		1.00	"		57.6				4.79%	"	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	105% 110%	Lin	nits: 58-144 68-14								05/19/08 15:50 "	

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Secor-Redmond				Project Nam	ne:	5353 W	vestlake 1	EFR						
PO Box 230, 12034 - (134th C	t NE Ste 102, zij	98052)		Project Nun	nber:	D1CP.0	1396.41						Report Crea	ted:
Redmond, WA/USA 98073	_			Project Man	ager:	Jennifer	Yotz						05/22/08 15	5:42
Gasoline Hydrocarb	ons (Benzene	to Naphth	· ·	BTEX by		-G and	I EPA 80	21B -	Labo	oratory	Quali	ty Cont	rol Results	
QC Batch: 8E19022	Water P	reparation	Method: E	PA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits	) Analyzed	Notes
Matrix Spike (8E19022-MS1)				QC Source:	BRE0209-	)1		Extr	acted:	05/19/08 0	9:01			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1100		50.0	ug/l	1x	20.9	1000	108%	(75-131)			05/19/08 16:56	
Surrogate(s): 4-BFB (FID)		Recovery:	100%	Lin	nits: 58-1449	6 "							05/19/08 16:50	i
Matrix Spike (8E19022-MS2)				OC Source:	BRE0209-	)2		Extr	acted:	05/19/08 0	9:01			

Matrix Spike (8E19022-MS2)				QC Source:	BRE0209	-02		Ext	racted:	05/19/08 09:0	1	
Benzene	NWTPH-Gx/ 8021B	31.1		0.500	ug/l	1x	0.895	30.0	101%	(46-130)		 05/19/08 19:56
Toluene	"	29.2		0.500	"	"	0.277	"	96.4%	(60-124)		
Ethylbenzene		47.6		0.500	"	"	23.0	"	82.0%	(56-141)		
Xylenes (total)	"	131		1.00	"	"	57.6	90.0	81.2%	(66-132)		 "
Surrogate(s): 4-BFB (PID)		Recovery: 1	17%	Lin	nits: 68-140	)% "						05/19/08 19:56

Surrogate(s): 4-BFB (PID)

QC Batch: 8E20047	Water P	reparation	Method: E	PA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	) Analyzed	Notes
Blank (8E20047-BLK1)								Extr	acted:	05/20/08 14	1:26			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x							05/20/08 15:17	
Benzene	"	ND		0.500	"									
Toluene	"	ND		0.500	"	"							"	
Ethylbenzene	"	ND		0.500	"								"	
Xylenes (total)	"	ND		1.00	"									
Surrogate(s): 4-BFB (FID)		Recovery:	93.4%	Lin	nits: 58-144%	6 "							05/20/08 15:17	
4-BFB (PID)			108%		68-1409	6 "							"	
LCS (8E20047-BS1)								Extr	acted:	05/20/08 14	1:26			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	994		50.0	ug/l	1x		1000	99.4%	(80-120)			05/20/08 15:50	
Surrogate(s): 4-BFB (FID)		Recovery:	99.6%	Lin	nits: 58-144%	ó "							05/20/08 15:50	
LCS (8E20047-BS2)								Extr	acted:	05/20/08 14	1:26			
Benzene	NWTPH-Gx/ 8021B	29.8		0.500	ug/l	lx		30.0	99.4%	(80-120)			05/20/08 16:23	
Toluene	"	30.0		0.500	"	"			100%	"			"	
Ethylbenzene	"	31.0		0.500	"				103%	"			"	
Xylenes (total)	"	92.7		1.00	"			90.0	103%				"	
Surrogate(s): 4-BFB (PID)		Recovery:	106%	Lin	nits: 68-140%	6 "							05/20/08 16:23	

TestAmerica Seattle

Levamerich

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full,

without the written approval of the laboratory.



Sandra Yakamavich, Project Manager



Secor-Redmond	Project Name
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Numb
Redmond, WA/USA 98073	Project Mana

he: 5353 Westlake EFR hber: 01CP.01396.41 ager: Jennifer Yotz

Report Created: 05/22/08 15:42

### Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8E20047	Water P	reparation	Method:	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8E20047-DUP1)				QC Source:	BRE0216-01			Extr	acted:	05/20/08 14	:26			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				NR	(25)	05/20/08 17:29	
Benzene	"	ND		0.500	"		ND				NR	"		
Toluene	"	ND		0.500	"		ND				NR	"		
Ethylbenzene		ND		0.500	"	"	ND				NR	"		
Xylenes (total)		ND		1.00	"		ND				NR		"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	95.4% 109%	Lin	nits: 58-144% 68-140%	"							05/20/08 17:29 "	
Duplicate (8E20047-DUP2)				QC Source:	BRE0216-02			Extr	acted:	05/20/08 14	:26			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				NR	(25)	05/20/08 18:34	
Benzene	"	ND		0.500	"	"	ND				NR	"		
Toluene		ND		0.500	"		ND				NR	"		
Ethylbenzene		ND		0.500	"		ND				NR	"		
Xylenes (total)		ND		1.00	"		ND				NR	"	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	94.5% 108%	Lin	nits: 58-144% 68-140%	"							05/20/08 18:34 "	
Matrix Spike (8E20047-MS1)				QC Source:	BRE0216-01			Extr	acted:	05/20/08 14	:26			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1080		50.0	ug/l	1x	ND	1000	108%	(75-131)			05/20/08 19:40	
Surrogate(s): 4-BFB (FID)		Recovery:	101%	Lin	nits: 58-144%	"							05/20/08 19:40	
Matrix Spike (8E20047-MS2)				QC Source:	BRE0216-02			Extr	acted:	05/20/08 14	:26			
Benzene	NWTPH-Gx/ 8021B	33.3		0.500	ug/l	1x	ND	30.0	111%	(46-130)			05/20/08 20:13	
Toluene		33.1		0.500	"		ND	"	110%	(60-124)			"	
Ethylbenzene	"	33.8		0.500	"		ND	"	113%	(56-141)			"	
Xylenes (total)	"	100		1.00	"	"	ND	90.0	111%	(66-132)				

Surrogate(s): 4-BFB (PID)

Recovery: 106%

Limits: 68-140% "

05/20/08 20:13

TestAmerica Seattle

Sandra havamerich Sandra Yakamavich, Project Manager





### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager: 5353 Westlake EFR O1CP.01396.41

Jennifer Yotz

Report Created: 05/22/08 15:42

### Notes and Definitions

### Report Specific Notes:

None

### Laboratory Reporting Conventions:

- DET Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA _ Not Reported / Not Available
- dry Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet on a Wet Weight Basis.
- RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table. MRL
- MDL* _ METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable.
- Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Electronic Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Signature Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

unevich) Yakamavich, Project Manager



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9405 SW Nimbus Ave, Beaverton, OR 97008-7145
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

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May 22, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 05/15/08 16:20. The following list is a summary of the Work Orders contained in this report, generated on 05/22/08 15:45.

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

Work Order BRE0210 Project 5353 Westlake EFR ProjectNumber O1CP.01396.82

TestAmerica Seattle

Kamerch Sandra Yakamavich, Project Manager





### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

**5353 Westlake EFR** O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SVE-1	BRE0210-01	Air	05/15/08 13:55	05/15/08 16:20
SVE-2	BRE0210-02	Air	05/15/08 13:57	05/15/08 16:20
SVE-3	BRE0210-03	Air	05/15/08 14:00	05/15/08 16:20
SVE-4	BRE0210-04	Air	05/15/08 14:02	05/15/08 16:20
SVE-5	BRE0210-05	Air	05/15/08 14:04	05/15/08 16:20
SVE-6	BRE0210-06	Air	05/15/08 14:06	05/15/08 16:20
SVE-7	BRE0210-07	Air	05/15/08 14:08	05/15/08 16:20
SVE-8	BRE0210-08	Air	05/15/08 14:10	05/15/08 16:20
SVE-9	BRE0210-09	Air	05/15/08 14:12	05/15/08 16:20
SVE-10	BRE0210-10	Air	05/15/08 14:15	05/15/08 16:20
SVE-11	BRE0210-11	Air	05/15/08 14:17	05/15/08 16:20
SVE-12	BRE0210-12	Air	05/15/08 14:20	05/15/08 16:20
EFR 1	BRE0210-13	Air	05/15/08 14:35	05/15/08 16:20
EFR-2	BRE0210-14	Air	05/15/08 14:36	05/15/08 16:20
EFR-3	BRE0210-15	Air	05/15/08 14:38	05/15/08 16:20
MW-88	BRE0210-16	Air	05/15/08 14:40	05/15/08 16:20
MW-48	BRE0210-17	Air	05/15/08 14:42	05/15/08 16:20
MW-65	BRE0210-18	Air	05/15/08 14:45	05/15/08 16:20
A1	BRE0210-19	Air	05/15/08 12:35	05/15/08 16:20
A2	BRE0210-20	Air	05/15/08 12:40	05/15/08 16:20
A3	BRE0210-21	Air	05/15/08 12:42	05/15/08 16:20
B1	BRE0210-22	Air	05/15/08 12:48	05/15/08 16:20
B2	BRE0210-23	Air	05/15/08 12:47	05/15/08 16:20
B3	BRE0210-24	Air	05/15/08 12:49	05/15/08 16:20
C1	BRE0210-25	Air	05/15/08 12:51	05/15/08 16:20
C2	BRE0210-26	Air	05/15/08 12:53	05/15/08 16:20
C3	BRE0210-27	Air	05/15/08 12:55	05/15/08 16:20

TestAmerica Seattle

Sandra Jacamerich Sandra Yakamavich, Project Manager





#### Secor-Redmond Project Name:

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

5353 Westlake EFR Project Number: Project Manager: Jennifer Yotz

O1CP.01396.82

Report Created: 05/22/08 15:45

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0210-01 (SVE-1)		Aiı	•		Sampl	led: 05/1	5/08 13:55			
Gasoline Range Hydrocarbons	NWTPH Modified	26.8		10.0	mg/m³ Air	1x	8E15045	05/15/08 15:00	05/15/08 22:19	
Gasoline Range Hydrocarbons (v/v)	"	6.31		2.36	ppmv		"		"	
Benzene (v/v)		0.0404		0.0308	"		"			
Toluene (v/v)	"	0.0366		0.0261	"		"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"		"		"	
Xylenes, total (v/v)		0.0605		0.0454	"		"			
Benzene	"	0.131		0.100	mg/m³ Air		"	"	"	
Toluene	"	0.140		0.100	"		"	"	"	
Ethylbenzene	"	ND		0.100	"		"		"	
Xylenes (total)	"	0.267		0.200	"	"	"			
Surrogate(s): 4-BFB (FID)			85.0%		70 - 150 %	"			"	
4-BFB (PID)			89.5%		75 - 125 %	"			"	

BRE0210-02 (SVE-2)		Ai	r		Sample	ed: 05/1	5/08 13:57		
Gasoline Range Hydrocarbons	NWTPH Modified	56.0		10.0	mg/m³ Air	1x	8E15045	05/15/08 15:00	05/15/08 22:49
Gasoline Range Hydrocarbons (v/v)	"	13.2		2.36	ppmv	"	"		"
Benzene (v/v)	"	0.0989		0.0308	"	"	"		"
Toluene (v/v)	"	0.0711		0.0261	"	"	"		"
Ethylbenzene (v/v)	"	0.0231		0.0227	"	"	"		"
Xylenes, total (v/v)	"	0.0929		0.0454	"	"	"		"
Benzene	"	0.321		0.100	mg/m³ Air	"	"		"
Toluene	"	0.272		0.100	"	"	"		"
Ethylbenzene	"	0.102		0.100	"	"	"		"
Xylenes (total)	"	0.410		0.200	"	"	"	"	"
Surrogate(s): 4-BFB (FID)			85.2%		70 - 150 %	"			"
4-BFB (PID)			87.6%		75 - 125 %	"			"

BRE0210-03 (SVE-3)		Air		Sampl	ed: 05/1	5/08 14:00		
Gasoline Range Hydrocarbons	NWTPH Modified	47.2	 10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 21:24
Gasoline Range Hydrocarbons (v/v)		11.1	 2.36	ppmv	"	"		"
Benzene (v/v)		0.0776	 0.0308	"	"	"		"
Toluene (v/v)	"	0.0566	 0.0261		"	"		"
Ethylbenzene (v/v)		ND	 0.0227	"	"	"		"
Xylenes, total (v/v)	"	0.0865	 0.0454		"	"		"
Benzene	"	0.252	 0.100	mg/m³ Air	"	"		"
Toluene	"	0.217	 0.100		"	"		"
Ethylbenzene		ND	 0.100	"	"	"		"

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Sandra Yakamavich, Project Manager

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Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.82	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:45

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte		Method	Result	MDL*	MRL	U <b>nits</b>	Dil	Batch	Prepared	Analyzed	Notes
BRE0210-03	(SVE-3)		Air			Sampl	ed: 05/1	5/08 14:00			
Xylenes (total)		NWTPH Modified	0.381		0.200 m	g/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 21:24	
Surrogate(s):	4-BFB (FID)			89.5%	5	70 - 150 %	"			"	
	4-BFB (PID)			90.9%	;	5 - 125 %	"			"	

BRE0210-04 (SVE-4)		Air			Sample	ed: 05/1	5/08 14:02			
Gasoline Range Hydrocarbons	NWTPH Modified	57.8		10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 21:54	
Gasoline Range Hydrocarbons (v/v)	"	13.6		2.36	ppmv	"	"		"	
Benzene (v/v)	"	0.0962		0.0308	"	"	"		"	
Toluene (v/v)	"	0.0688		0.0261	"	"	"		"	
Ethylbenzene (v/v)	"	0.0248		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	0.100		0.0454	"	"	"		"	
Benzene	"	0.312		0.100	mg/m³ Air	"	"		"	
Toluene	"	0.263		0.100	"	"	"		"	
Ethylbenzene	"	0.109		0.100	"	"	"		"	
Xylenes (total)	"	0.443		0.200	"	"	"		"	
Surrogate(s): 4-BFB (FID)			87.5%		70 - 150 %	"			"	
4-BFB (PID)			89.3%		75 - 125 %	"			"	

BRE0210-05 (SVE-5)		Air	·		Sampl	ed: 05/1	5/08 14:04		
Gasoline Range Hydrocarbons	NWTPH Modified	56.1		10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 22:24
Gasoline Range Hydrocarbons (v/v)	"	13.2		2.36	ppmv	"	"		"
Benzene (v/v)	"	0.0964		0.0308	"	"	"		"
Toluene (v/v)	"	0.0707		0.0261	"	"	"		"
Ethylbenzene (v/v)	"	0.0252		0.0227	"	"	"		"
Xylenes, total (v/v)	"	0.102		0.0454	"	"	"		"
Benzene	"	0.313		0.100	mg/m³ Air	"	"		"
Toluene	"	0.270		0.100	"	"	"		"
Ethylbenzene	"	0.111		0.100	"	"	"		"
Xylenes (total)	"	0.448		0.200	"	"	"		"
Surrogate(s): 4-BFB (FID)			86.4%		70 - 150 %	"			"
4-BFB (PID)			88.7%		75 - 125 %	"			"

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Sandra Yakamavich, Project Manager





### Secor-Redmond Project Name:

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

5353 Westlake EFR Project Number: Project Manager:

O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0210-06 (SVE-6)		Air			Sampled: 05/15/08 14:06					
Gasoline Range Hydrocarbons	NWTPH Modified	11.0		10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 22:54	
Gasoline Range Hydrocarbons (v/v)	"	2.58		2.36	ppmv	"	"		"	
Benzene (v/v)		ND		0.0308	"	"	"		"	
Toluene (v/v)		ND		0.0261	"	"	"		"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"		"	"	
Xylenes, total (v/v)		ND		0.0454	"	"	"		"	
Benzene	"	ND		0.100	mg/m³ Air	"		"	"	
Toluene	"	ND		0.100	"	"		"	"	
Ethylbenzene	"	ND		0.100	"	"		"	"	
Xylenes (total)	"	ND		0.200	"	"		"	"	
Surrogate(s): 4-BFB (FID)			85.0%		70 - 150 %	"			"	
4-BFB (PID)			91.7%		75 - 125 %	"			"	

BRE0210-07 (SVE-7)	Air			Sampl	ed: 05/1	5/08 14:08				
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E17002	05/17/08 10:12	05/17/08 12:57	С
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv		"	"	"	С
Benzene (v/v)	"	ND		0.0308	"		"	"		
Toluene (v/v)	"	ND		0.0261	"		"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"		"	"		
Xylenes, total (v/v)	"	ND		0.0454	"		"	"		
Benzene	"	ND		0.100	mg/m³ Air		"	"		
Toluene	"	ND		0.100	"		"	"		
Ethylbenzene	"	ND		0.100	"		"	"		
Xylenes (total)	"	ND		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			85.5%		70 - 150 %	"			"	
4-BFB (PID)			94.1%		75 - 125 %	"			"	

BRE0210-08 (SVE-8)		Air Sampled: 05/				ed: 05/1	5/08 14:10			
Benzene (v/v)	NWTPH Modified	0.168		0.0308	ppmv	1x	8E17002	05/17/08 10:12	05/17/08 13:57	
Toluene (v/v)	"	0.124		0.0261	"	"	"		"	
Ethylbenzene (v/v)	"	0.0445		0.0227	"	"	"		"	
Xylenes, total (v/v)	"	0.180		0.0454	"	"	"			
Benzene	"	0.544		0.100	mg/m³ Air	"	"			
Toluene	"	0.476		0.100	"	"	"			
Ethylbenzene	"	0.196		0.100	"	"	"			
Xylenes (total)	"	0.793		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			91.5%		75 - 125 %	"			"	

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Sandra Yakamavich, Project Manager

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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.82	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:45

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Note
BRE0210-08RE1 (SVE-8)		Air			Sample	ed: 05/1	5/08 14:10			
Gasoline Range Hydrocarbons	NWTPH Modified	129		10.0	mg/m³ Air	1x	8E17004	05/17/08 12:31	05/18/08 12:19	
Gasoline Range Hydrocarbons (v/v)	"	30.3		2.36	ppmv	"		"	"	
Surrogate(s): 4-BFB (FID)			91.7%		70 - 150 %	"			"	
BRE0210-09 (SVE-9)		Air			Sample	ed: 05/1	5/08 14:12			
Benzene (v/v)	NWTPH Modified	ND		0.0308	ppmv	1x	8E17002	05/17/08 10:12	05/17/08 14:27	
Toluene (v/v)	"	ND		0.0261	"	"		"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"			"	
Xylenes, total (v/v)	"	ND		0.0454	"	"			"	
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"			"	
Surrogate(s): 4-BFB (PID)			93.8%		75 - 125 %	"			"	
BRE0210-09RE1 (SVE-9)		Air			Sample	ed: 05/1	5/08 14:12			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E17004	05/17/08 12:31	05/18/08 12:50	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"		"	
Surrogate(s): 4-BFB (FID)			89.8%		70 - 150 %	"			"	
BRE0210-10 (SVE-10)		Air			Sample	ed: 05/1	5/08 14:15			
Benzene (v/v)	NWTPH Modified	0.394		0.0308	ppmv	1x	8E17002	05/17/08 10:12	05/17/08 14:57	
Foluene (v/v)	"	0.269		0.0261	"	"		"	"	
Ethylbenzene (v/v)	"	0.104		0.0227	"	"			"	
Kylenes, total (v/v)	"	0.401		0.0454	"	"			"	
Senzene	"	1.28		0.100	mg/m³ Air	"				
foluene	"	1.03		0.100	- "	"			"	
Ethylbenzene	"	0.458		0.100	"	"	"			
Xylenes (total)	"	1.77		0.200	"	"			"	
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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.82	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:45

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Note
BRE0210-10RE1 (SVE-10)		Air	•		Sampl	ed: 05/1	5/08 14:15			
Gasoline Range Hydrocarbons	NWTPH Modified	246		10.0	mg/m³ Air	1x	8E17004	05/17/08 12:31	05/18/08 13:20	
Gasoline Range Hydrocarbons (v/v)	"	57.9		2.36	ppmv	"	"		"	
Surrogate(s): 4-BFB (FID)			95.9%		70 - 150 %	"			"	
BRE0210-11 (SVE-11)		Air	•		Sampl	ed: 05/1	5/08 14:17			
Benzene (v/v)	NWTPH Modified	0.228		0.0308	ppmv	1x	8E17002	05/17/08 10:12	05/17/08 16:57	
Toluene (v/v)	"	0.158		0.0261	"	"		"		
Ethylbenzene (v/v)	"	0.0560		0.0227	"	"				
Xylenes, total (v/v)	"	0.226		0.0454	"	"			"	
Benzene	"	0.739		0.100	mg/m³ Air	"	"			
Foluene	"	0.605		0.100	"	"			"	
Ethylbenzene	"	0.247		0.100	"	"	"	"	"	
Xylenes (total)	"	0.998		0.200	"	"		"		
Surrogate(s): 4-BFB (PID)			88.5%		75 - 125 %	"			"	
BRE0210-11RE1 (SVE-11)		Air			Sample	ed: 05/1	5/08 14:17			
Gasoline Range Hydrocarbons	NWTPH Modified	134		10.0	mg/m³ Air	1x	8E17004	05/17/08 12:31	05/18/08 13:50	
Gasoline Range Hydrocarbons (v/v)	"	31.6		2.36	ppmv	"			"	
Surrogate(s): 4-BFB (FID)			86.9%		70 - 150 %	"			"	
BRE0210-12 (SVE-12)		Air	•		Sample	ed: 05/1	5/08 14:20			
Benzene (v/v)	NWTPH Modified	0.233		0.0308	ppmv	1x	8E17002	05/17/08 10:12	05/17/08 17:28	
Toluene (v/v)	"	0.161		0.0261	"	"			"	
Ethylbenzene (v/v)	"	0.0576		0.0227	"	"	"			
Xylenes, total (v/v)	"	0.231		0.0454	"	"				
Senzene	"	0.757		0.100	mg/m³ Air	"				
foluene	"	0.617		0.100	"	"			"	
Ethylbenzene	"	0.254		0.100	"	"				
Xylenes (total)	"	1.02		0.200	"	"	"	"	"	

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Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.82	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:45

#### Casolina H *i*d (R to Nanthalana) an d RTFX in A :-- h NWTPH_C 4 FPA 8021R .h

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0210-12RE1 (SVE-12)		Air			Sampl	ed: 05/1	5/08 14:20			
Gasoline Range Hydrocarbons	NWTPH Modified	135		10.0	mg/m³ Air	1x	8E17004	05/17/08 12:31	05/18/08 14:20	
Gasoline Range Hydrocarbons (v/v)	"	31.7		2.36	ppmv	"	"	"		
Surrogate(s): 4-BFB (FID)			90.6%		70 - 150 %	"			"	
BRE0210-13 (EFR 1)		Air			Sampl	ed: 05/1	5/08 14:35			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E17002	05/17/08 10:12	05/17/08 17:58	(
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	0
Benzene (v/v)	"	ND		0.0308	"	"	"		"	
Toluene (v/v)	"	ND		0.0261	"	"	"		"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"		"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"		"	
Benzene	"	ND		0.100	mg/m³ Air	"	"		"	
Toluene	"	ND		0.100	"		"	"	"	
Ethylbenzene	"	ND		0.100	"		"	"	"	
Xylenes (total)		ND		0.200	"	"		"		

Surrogate(s): 4-BFB (FID) 4-BFB (PID)

88.2% 94.9% 70 - 150 %

75 - 125 %

"

"

BRE0210-14 (EFR-2)		Air			Sample	ed: 05/1	5/08 14:36			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E17002	05/17/08 10:12	05/17/08 18:28	С
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"		"	"	С
Benzene (v/v)	"	ND		0.0308	"	"		"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"		
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"		
Xylenes, total (v/v)	"	ND		0.0454	"	"	"	"		
Benzene	"	ND		0.100	mg/m³ Air	"		"	"	
Toluene	"	ND		0.100	"	"	"	"		
Ethylbenzene	"	ND		0.100	"	"		"	"	
Xylenes (total)	"	ND		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			85.3%		70 - 150 %	"			"	
4-BFB (PID)			95.0%		75 - 125 %	"			"	

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avamerich Sandra Yakamavich, Project Manager

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PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

5353 Westlake EFR Project Name: Project Number: Project Manager:

O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0210-15 (EFR-3)		Air			Sampl	led: 05/1	5/08 14:38			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E17002	05/17/08 10:12	05/17/08 18:58	(
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv	"	"		"	C
Benzene (v/v)		ND		0.0308	"	"	"	"		
Toluene (v/v)		ND		0.0261	"	"	"		"	
Ethylbenzene (v/v)		ND		0.0227	"	"	"	"		
Xylenes, total (v/v)	"	ND		0.0454	"	"	"	"	"	
Benzene	"	ND		0.100	mg/m³ Air	"	"		"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene		ND		0.100	"	"	"			
Xylenes (total)	"	ND		0.200	"	"		"		
Surrogate(s): 4-BFB (FID)			83.5%		70 - 150 %	"			"	
4-BFB (PID)			95.6%		75 - 125 %	"			"	

BRE0210-16 (MW-88)		Air			Sampl	ed: 05/1	5/08 14:40			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E17002	05/17/08 10:12	05/17/08 19:28	С
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv		"	"	"	С
Benzene (v/v)		ND		0.0308	"		"	"		
Toluene (v/v)		ND		0.0261	"		"	"		
Ethylbenzene (v/v)	"	ND		0.0227			"	"	"	
Xylenes, total (v/v)		ND		0.0454	"		"	"		
Benzene	"	ND		0.100	mg/m³ Air		"	"	"	
Toluene		ND		0.100	"		"	"		
Ethylbenzene	"	ND		0.100	"		"	"	"	
Xylenes (total)	"	ND		0.200			"	"	"	
Surrogate(s): 4-BFB (FID)			88.0%		70 - 150 %	"			"	
4-BFB (PID)			94.8%		75 - 125 %	"			"	

BRE0210-17 (MW-48)		Air		Samp	led: 05/1	5/08 14:42		
Gasoline Range Hydrocarbons	NWTPH Modified	106	 10.0	mg/m³ Air	1x	8E17004	05/17/08 12:31	05/18/08 11:19
Gasoline Range Hydrocarbons (v/v)	"	25.1	 2.36	ppmv	"	"	"	"
Benzene (v/v)	"	0.234	 0.0308	"		"		"
Toluene (v/v)	"	0.166	 0.0261	"		"		"
Ethylbenzene (v/v)	"	0.0749	 0.0227	"		"	"	"
Xylenes, total (v/v)	"	0.0652	 0.0454	"		"	"	"
Benzene	"	0.761	 0.100	mg/m³ Air	"	"	"	"
Toluene	"	0.633	 0.100	"	"	"	"	"
Ethylbenzene	"	0.330	 0.100	"		"		"
Xylenes (total)	"	0.288	 0.200	"	"	"		"

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Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.82	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:45

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0210-17 (MW-48)		Air			Sampl	ed: 05/1	5/08 14:42			
Surrogate(s): 4-BFB (FID)			79.1%		70 - 150 %	lx			05/18/08 11:19	
4-BFB (PID)			83.7%		75 - 125 %	"			"	
BRE0210-18 (MW-65)		Air	•		Sampl	ed: 05/1	5/08 14:45			
Gasoline Range Hydrocarbons	NWTPH Modified	27.9		10.0	mg/m³ Air	1x	8E17004	05/17/08 12:31	05/18/08 11:49	
Gasoline Range Hydrocarbons (v/v)		6.59		2.36	ppmv	"	"			
Benzene (v/v)	"	0.0516		0.0308	"	"			"	
Toluene (v/v)	"	ND		0.0261	"	"	"			
Ethylbenzene (v/v)	"	ND		0.0227	"	"			"	
Xylenes, total (v/v)		ND		0.0454	"	"			"	
Benzene		0.167		0.100	mg/m³ Air	"	"			
Toluene	"	ND		0.100	"	"			"	
Ethylbenzene		ND		0.100	"	"			"	
Xylenes (total)	"	ND		0.200	"	"		"	"	
Surrogate(s): 4-BFB (FID)			91.6%		70 - 150 %	"			"	
4-BFB (PID)			90.0%		75 - 125 %	"			"	
BRE0210-19 (A1)		Air			Sampl	ed: 05/1	5/08 12:35			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 14:23	
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv	"	"		"	
Benzene (v/v)		ND		0.0308	"	"			"	
Toluene (v/v)		ND		0.0261	"	"	"		"	
Ethylbenzene (v/v)		ND		0.0227	"	"	"		"	
Xylenes, total (v/v)		ND		0.0454	"	"	"		"	
Benzene		ND		0.100	mg/m³ Air	"	"		"	
Toluene		ND		0.100	"	"				
Ethylbenzene		ND		0.100	"	"				
Xylenes (total)	"	ND		0.200	"	"			"	
Surrogate(s): 4-BFB (FID)			83.6%		70 - 150 %	"			"	

TestAmerica Seattle

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## Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

5353 Westlake EFR Project Name: Project Number: Project Manager:

O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0210-20 (A2)		Air			Sampl	ed: 05/1	5/08 12:40			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 15:23	
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)		ND		0.0261	"	"	"	"		
Ethylbenzene (v/v)		ND		0.0227	"	"	"	"		
Xylenes, total (v/v)	"	ND		0.0454	"	"	"		"	
Benzene		ND		0.100	mg/m³ Air	"	"	"		
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene		ND		0.100	"	"	"		"	
Xylenes (total)	"	ND		0.200	"	"		"		
Surrogate(s): 4-BFB (FID)			85.4%		70 - 150 %	"			"	
4-BFB (PID)			91.1%		75 - 125 %	"			"	

BRE0210-21 (A3)		Air			Sample	ed: 05/1	5/08 12:42			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 16:23	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"	"	"	
Benzene		ND		0.100	mg/m³ Air	"	"		"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene		ND		0.100	"	"	"		"	
Xylenes (total)	"	ND		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			87.1%		70 - 150 %	"			"	
4-BFB (PID)			93.0%		75 - 125 %	"			"	

BRE0210-22 (B1)		Air		Samp	led: 05/1	5/08 12:48			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	 10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 18:24	
Gasoline Range Hydrocarbons (v/v)	"	ND	 2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND	 0.0308	"	"	"		"	
Toluene (v/v)	"	ND	 0.0261	"	"	"		"	
Ethylbenzene (v/v)	"	ND	 0.0227	"	"	"		"	
Xylenes, total (v/v)	"	ND	 0.0454	"	"	"		"	
Benzene	"	ND	 0.100	mg/m³ Air	"	"		"	
Toluene	"	ND	 0.100	"	"	"		"	
Ethylbenzene	"	ND	 0.100	"	"	"		"	
Xylenes (total)	"	ND	 0.200	"	"	"		"	

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Sandra Yakamavich, Project Manager

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Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.82	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:45

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0210-22 (B1)		Air			Sampl	ed: 05/1	5/08 12:48			
Surrogate(s): 4-BFB (FID)			84.9%		70 - 150 %	1x			05/16/08 18:24	
4-BFB (PID)			92.4%		75 - 125 %	"			"	
BRE0210-23 (B2)		Air			Sample	ed: 05/1	5/08 12:47			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 18:54	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"		
Benzene (v/v)	"	ND		0.0308		"	"			
Toluene (v/v)	"	ND		0.0261		"	"		"	
Ethylbenzene (v/v)		ND		0.0227		"	"	"		
Xylenes, total (v/v)	"	ND		0.0454		"	"	"	"	
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene		ND		0.100		"	"	"		
Ethylbenzene	"	ND		0.100		"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			88.8%		70 - 150 %	"			"	
4-BFB (PID)			94.5%		75 - 125 %	"			"	
BRE0210-24 (B3)		Air	•		Sampl	ed: 05/1	5/08 12:49			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 19:24	
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv	"	"	"		
Benzene (v/v)		ND		0.0308	"	"	"	"		
Toluene (v/v)		ND		0.0261	"	"	"	"		
Ethylbenzene (v/v)	"	ND		0.0227		"	"	"	"	
Kylenes, total (v/v)	"	ND		0.0454		"	"	"	"	
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND		0.100		"	"	"	"	
Ethylbenzene	"	ND		0.100		"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			85.3%		70 - 150 %	"			"	
4-BFB (PID)			94.1%		75 - 125 %	"			"	

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## Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

5353 Westlake EFR Project Name: Project Number: Project Manager:

O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0210-25 (C1)		Air			Sampl	ed: 05/1	5/08 12:51			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 19:54	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"		"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"		"	
Benzene	"	ND		0.100	mg/m³ Air	"	"		"	
Toluene	"	ND		0.100	"	"	"		"	
Ethylbenzene	"	ND		0.100		"	"		"	
Xylenes (total)	"	ND		0.200		"	"	"	"	
Surrogate(s): 4-BFB (FID)			85.8%		70 - 150 %	"			"	
4-BFB (PID)			93.4%		75 - 125 %	"			"	

BRE0210-26 (C2)		Air			Sampl	ed: 05/1	5/08 12:53		
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0 m	ng/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 20:24
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv		"	"	"
Benzene (v/v)	"	ND		0.0308			"	"	"
Toluene (v/v)	"	ND		0.0261			"	"	"
Ethylbenzene (v/v)	"	ND		0.0227			"	"	"
Xylenes, total (v/v)	"	ND		0.0454			"	"	"
Benzene	"	ND		0.100 m	ng/m³ Air		"	"	"
Toluene	"	ND		0.100			"	"	"
Ethylbenzene	"	ND		0.100			"	"	"
Xylenes (total)	"	ND		0.200	"	"	"	"	"
Surrogate(s): 4-BFB (FID)			86.0%		70 - 150 %	"			"
4-BFB (PID)			94.8%		75 - 125 %	"			"

BRE0210-27 (C3)		Air		Samp	led: 05/1	5/08 12:55			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	 10.0	mg/m³ Air	1x	8E16018	05/16/08 10:11	05/16/08 20:54	
Gasoline Range Hydrocarbons (v/v)	"	ND	 2.36	ppmv	"	"			
Benzene (v/v)	"	ND	 0.0308	"	"	"			
Toluene (v/v)	"	ND	 0.0261	"	"	"			
Ethylbenzene (v/v)	"	ND	 0.0227	"	"	"			
Xylenes, total (v/v)	"	ND	 0.0454	"	"	"			
Benzene	"	ND	 0.100	mg/m³ Air	"	"		"	
Toluene	"	ND	 0.100	"	"	"			
Ethylbenzene	"	ND	 0.100	"	"	"			
Xylenes (total)	"	ND	 0.200	"	"	"		"	

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#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: 5 Project Number: 0 Project Manager: J

5353 Westlake EFR O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0210-27 (C3)		Air			Sampl	ed: 05/1	5/08 12:55			
Surrogate(s): 4-BFB (FID)			84.9%		70 - 150 %	1x			05/16/08 20:54	
4-BFB (PID)			94.2%		75 - 125 %	"			"	

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Sandra Yakamavich, Project Manager





#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

Result	91.4% 90.6%	10.0 2.36 0.0308 0.0261 0.0227 0.0454 0.100 0.100 0.100 0.200	mg/m ³ Air ppmv " " mg/m ³ Air " " Limits: 70-150% 75-125%	Dil lx " " " " " " "	Source Result	Extr:		(Limits) 05/15/08 10           05/15/08 10			Analyzed o 5/15/08 10:32 " " " " " " " " " " " " " " " " " "	Note
NE NE NE NE NE Recovery.	91.4% 90.6%	2.36 0.0308 0.0261 0.0227 0.0454 0.100 0.100 0.100 0.200	ppmv " " mg/m ³ Air " " Limits: 70-150% 75-125%	" " " " " " " " " " " " " " " " " " "						     	" " " " " " " " " " " " "	
NE NE NE NE NE Recovery.	91.4% 90.6%	2.36 0.0308 0.0261 0.0227 0.0454 0.100 0.100 0.100 0.200	ppmv " " mg/m ³ Air " " Limits: 70-150% 75-125%	" " " " " " " " " " " " " " " " " " "						     	" " " " " " " " " " " " "	
ND ND ND ND ND ND ND ND ND ND ND ND	91.4% 90.6%	0.0308 0.0261 0.0227 0.0454 0.100 0.100 0.100 0.200	" " " " " " " " " " " " " " " " " " "	"" "" "							05/15/08 10:32	
NE ND ND ND ND NE Recovery.	91.4% 90.6%	0.0261 0.0227 0.0454 0.100 0.100 0.100 0.200	" " " " " " " " " " " " " " " " " " "	"" "" "							05/15/08 10:32	
NE NE NE NE Recovery.	91.4% 90.6%	0.0227 0.0454 0.100 0.100 0.100 0.200	" mg/m³ Air " " " " " " " " " " " " " " " "	"" "" "	  						05/15/08 10:32	
NE ND ND ND <i>Recovery</i> . 113	91.4% 90.6%	0.0454 0.100 0.100 0.100 0.200	" mg/m³ Air " " Limits: 70-150% 75-125%	"" ""	  				   	   	05/15/08 10:32	
NE ND ND <i>Recovery</i> . 113	91.4% 90.6%	0.100 0.100 0.200	mg/m³ Air " " Limits: 70-150% 75-125%	"" ""	 				  	   	05/15/08 10:32	
NE ND <i>Recovery</i> : 113	  91.4% 90.6%	0.100 0.100 0.200	" " Limits: 70-150% 75-125%	"					  	  	05/15/08 10:32	
NE Recovery. 113	91.4% 90.6%	0.100	" Limits: 70-150% 75-125%	"					  		05/15/08 10:32	
NE Recovery. 113	91.4% 90.6%	0.200	" Limits: 70-150% 75-125%	"							05/15/08 10:32	
Recovery.	91.4% 90.6%		Limits: 70-150% 75-125%	"	-						05/15/08 10:32	
113	90.6%		75-125%	; "		Extra	acted:	05/15/08 10				
		10.0	mg/m³ Air	1x		Extra	acted:	05/15/08 10				
		10.0	mg/m³ Air	1x			ieieui	03/13/00 10	:00			
P						100	113%	(50-150)			05/15/08 13:25	
Recovery:	91.2%		Limits: 70-150%	"							05/15/08 13:25	
						Extra	acted:	05/15/08 10	:00			
2.17		0.100	mg/m³ Air	1x		2.00	109%	(50-150)			05/15/08 12:25	
2.18		0.100	"				109%	"				
2.15		0.100	"				108%	"				
6.52		0.200	"	"		6.00	109%	"				
Recovery.	92.1%		Limits: 75-125%	"							05/15/08 12:25	
						Extra	acted:	05/15/08 10	:00			
113		10.0	mg/m³ Air	1x		100	113%	(50-150)	0.785	% (50)	05/15/08 11:55	
	: 101%		Limits: 70-150%	"							05/15/08 11:55	
						Extra	acted:	05/15/08 10	:00			
		0.100	mg/m³ Air	1x		2.00	110%	(50-150)	1.68%	6 (50)	05/15/08 12:55	
		0.100	"	"		"	108%	"	0.901	% "		
		0.100	"	"		"	109%	"	1.41%	6 "		
2.18		0.200	"			6.00	110%		0.864	% "		
	1 Recovery 2.21 1 2.16 2.18	1 Recovery: 101% 2.21 1 2.16	1 Recovery: 101% 1 2.21 0.100 1 2.16 0.100 2.18 0.100	1         C           Recovery:         101%         Limits:         70-150%           1         2.21          0.100         mg/m³ Air           1         2.16          0.100         "           2.18          0.100         "	1         Recovery:         101%         Limits:         70-150%         "           1         2.21          0.100         mg/m³ Air         1x           1         2.16          0.100         "         "           2.18          0.100         "         "	A         Compute of the second s	Image: Second	Image: Second system         Image: Second system         Extracted:           2.21          0.100         mg/m³ Air         1x          2.00         110%           1         2.16          0.100         "         "          "         108%           2.18          0.100         "         "          "         109%	Image: Second	Image: Network of the second secon	1       C         Recovery: 101%       Limits: 70-150%         Extracted: 05/15/08 10:00         2.21        0.100 mg/m³ Air       1x        2.00       110%       (50-150)       1.68%       (50)         1       2.16        0.100       "        "       108%       "       0.901%       "         2.18        0.100       "        "       109%       "       1.41%       "	Image: constraint of the second se

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#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8E15045	Air Pre	paration M	ethod: EPA	. 5030B (I	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	) Analyzed	Notes
Duplicate (8E15045-DUP1)				QC Source	e: BRE0204-(	)1		Extr	acted:	05/15/08 14	:34			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x	ND				8.74%	(30)	05/15/08 15:18	
Gasoline Range Hydrocarbons	"	ND		10.0	mg/m³ Air	"	ND				8.74%	. "	"	
Benzene (v/v)	"	ND		0.0308	ppmv		ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"	"	0.0262				43.8%	, "	"	R
Ethylbenzene (v/v)		ND		0.0227	"	"	ND				24.9%	. "	"	
Xylenes, total (v/v)		ND		0.0454	"	"	0.0502				30.3%	. "	"	R
Benzene		ND		0.100	mg/m³ Air	"	ND				NR	"	"	
Toluene		ND		0.100	"	"	0.100				43.8%	. "	"	R
Ethylbenzene		ND		0.100	"	"	ND				24.9%	. "	"	
Xylenes (total)	"	ND		0.200	"		0.221				30.3%	, "		R
Surrogate(s): 4-BFB (FID)		Recovery:	87.5%	L	imits: 70-150%	6 "							05/15/08 15:18	
4-BFB (PID)			90.1%		75-125	% "							"	
Duplicate (8E15045-DUP2)				QC Source	e: BRE0204-0	)2		Extr	acted:	05/15/08 14	:34			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	ND				38.6%	(30)	05/15/08 16:18	R
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv	"	ND				38.6%	. "	"	R
Benzene (v/v)		ND		0.0308	"	"	ND				NR	"	"	
Toluene (v/v)		ND		0.0261	"	"	ND				9.85%	. "		
Ethylbenzene (v/v)	"	ND		0.0227	"	"	ND				1.03%	. "	"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	ND				7.24%	. "		
Benzene	"	ND		0.100	mg/m³ Air	"	ND				NR	"		
Toluene	"	ND		0.100	"	"	ND				9.85%	, "		
Ethylbenzene	"	ND		0.100	"		ND				1.03%	, "	"	
Xylenes (total)	"	ND		0.200	"		ND				7.24%	, "	"	
Surrogate(s): 4-BFB (FID)		Recovery:	88.0%	L	imits: 70-150%	6 "							05/15/08 16:18	

4-BFB (PID)

75-125% "

92.0%

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havamerich Sandra Yakamavich, Project Manager





#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

Method	Result												
	result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Note
							Extr	acted:	05/16/08 10	:11			
NWTPH	ND		10.0	mg/m³ Air	1x							05/16/08 11:48	
Modified	ND		2.36	ppmv								"	
"	ND		0.0308	"								"	
	ND		0.0261	"	"								
"	ND		0.0227	"	"								
"	ND		0.0454	"	"								
"	ND		0.100	mg/m³ Air	"								
"	ND		0.100	"	"							"	
	ND		0.100	"	"								
"	ND		0.200	"								"	
	Recovery:	89.0% 89.2%	L	imits: 70-150% 75-125%	"							05/16/08 11:48 "	
							Extr	acted:	05/16/08 10	:11			
NWTPH Modified	105		10.0	mg/m³ Air	1x		100	105%	(50-150)			05/16/08 12:18	
	Recovery:	92.4%	L	imits: 70-150%	"							05/16/08 12:18	
							Extr	acted:	05/16/08 10	:11			
NWTPH Modified	1.91		0.100	mg/m³ Air	1x		2.00	95.3%	(50-150)			05/16/08 13:18	
"	1.86		0.100	"	"		"	93.0%	"				
"	1.90		0.100	"	"		"	94.9%					
"	5.76		0.200	"	"		6.00	96.0%	"			"	
	Recovery:	93.4%	L	imits: 75-125%	"							05/16/08 13:18	
							Extr	acted:	05/16/08 10	:11			
NWTPH Modified	107		10.0	mg/m³ Air	1x		100	107%	(50-150)	2.13%	% (50)	05/16/08 12:48	
	Recovery:	91.6%	L	imits: 70-150%	"							05/16/08 12:48	
							Extr	acted:	05/16/08 10	:11			
NWTPH Modified	1.90		0.100	mg/m³ Air	1x		2.00	95.1%	(50-150)	0.168	% (50)	05/16/08 13:48	
"	1.81		0.100	"			"	90.6%	"	2.65%	6 "	"	
"	1.92		0.100	"			"	96.0%	"	1.23%	6 "	"	
"	5.63		0.200	"	"		6.00	93.8%	"	2.25%	6 "	"	
	" " " " " " " " " " " " " " " " " " "	"         ND           "         Scovery:           "         Scovery:           NWTPH         107           Modified         "           "         1.81           "         1.90           "         1.81           "         1.92           "         5.63	"         ND            Modified         105            "         1.86            "         1.90            "         1.90            "         5.76            "         5.76            NWTPH         107            Modified         "            "         1.90            Modified         "            "         1.90       <	"         ND          2.36           "         ND          0.0308           "         ND          0.0261           "         ND          0.0227           "         ND          0.0227           "         ND          0.0454           "         ND          0.100           "         ND          0.100           "         ND          0.100           "         ND          0.200           Recovery:         89.0%         L           NWTPH         105          10.0           Modified         "         1.86          0.100           "         1.90          0.100            "         1.90          0.200            Recovery:         93.4%         L            NWTPH         107          10.0           Modified         "         1.81          0.100           "         1.92          0.100	"         ND          2.36         ppmv           "         ND          0.0308         "           "         ND          0.0227         "           "         ND          0.0454         "           "         ND          0.100         mg/m³ Air           "         ND          0.100         "           "         ND          0.200         "           "         ND          0.200         "           "         ND          0.200         "           "         ND          0.200         "           "         ND          0.100         mg/m³ Air           "         ND          10.0         mg/m³ Air           Modified         1.86          0.100         "           "         1.90          0.200         "           "         1.90          0.200         "           "         1.07          10.0         mg/m³ Air           Modified	"         ND          2.36         ppmv         "           "         ND          0.0308         "         "           "         ND          0.0261         "         "           "         ND          0.0227         "         "           "         ND          0.0454         "         "           "         ND          0.100         mg/m³ Air         "           "         ND          0.100         "         "           "         ND          0.100         "         "           "         ND          0.100         "         "           "         ND          0.200         "         "           Recovery:         89.2%         Limits: 70-150%         "         #           NWTPH         105          10.0         mg/m³ Air         1x           Modified          0.100         "         "         #           "         1.90          0.100         "         "           "	"         ND          2.36         ppmv         "            "         ND          0.0308         "         "            "         ND          0.0261         "         "            "         ND          0.0227         "         "            "         ND          0.0454         "         "            "         ND          0.100         mg/m³ Air             "         ND          0.100         "             "         ND          0.100         "             "         ND          0.200         "         "            "         ND          0.200         "         "            Modified         10.5          10.0         mg/m³ Air         Ix            "         1.90          0.100         "              "         1.90 </td <td>"       ND        2.36       ppmv       "           "       ND        0.0308       "       "           "       ND        0.0227       "       "           "       ND        0.0227       "       "           "       ND        0.0227       "       "           "       ND        0.000       mg/m³ Air       "           "       ND        0.100       "       "           "       ND        0.200       "       "           "       ND        0.200       "       "           "ND        0.200       "       "            "NOD        10.0       mg/m³ Air       Ix       -       100         Modified       105        10.00       mg/m³ Air       Ix       -       100         "       1.86</td> <td>"       ND        2.36       ppmv       "            "       ND        0.0308       "       "            "       ND        0.0261       "       "            "       ND        0.027       "       "            "       ND        0.027       "       "            "       ND        0.000       mgm² Air       "            "       ND        0.100       "       "            "       ND        0.100       "       "            "ND        0.100       "       "             "ND        10.0       mgm² Air       1x        100       105%         Modified       105        1010       mgm² Air       1x        100       95.3%      <t< td=""><td>"       ND        2.36       ppmv       "                                                                                                               </td><td>"       ND        2.36       ppmv       "                                                                                                               </td><td>"       ND        $2.36$       ppmv       "                                                                                                         </td><td>*       ND        2.36       ppnv       *                                                                                                               </td></t<></td>	"       ND        2.36       ppmv       "           "       ND        0.0308       "       "           "       ND        0.0227       "       "           "       ND        0.0227       "       "           "       ND        0.0227       "       "           "       ND        0.000       mg/m³ Air       "           "       ND        0.100       "       "           "       ND        0.200       "       "           "       ND        0.200       "       "           "ND        0.200       "       "            "NOD        10.0       mg/m³ Air       Ix       -       100         Modified       105        10.00       mg/m³ Air       Ix       -       100         "       1.86	"       ND        2.36       ppmv       "            "       ND        0.0308       "       "            "       ND        0.0261       "       "            "       ND        0.027       "       "            "       ND        0.027       "       "            "       ND        0.000       mgm² Air       "            "       ND        0.100       "       "            "       ND        0.100       "       "            "ND        0.100       "       "             "ND        10.0       mgm² Air       1x        100       105%         Modified       105        1010       mgm² Air       1x        100       95.3% <t< td=""><td>"       ND        2.36       ppmv       "                                                                                                               </td><td>"       ND        2.36       ppmv       "                                                                                                               </td><td>"       ND        $2.36$       ppmv       "                                                                                                         </td><td>*       ND        2.36       ppnv       *                                                                                                               </td></t<>	"       ND        2.36       ppmv       "	"       ND        2.36       ppmv       "	"       ND $2.36$ ppmv       "	*       ND        2.36       ppnv       *

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#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

) moltrée					· ·									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8E16018-DUP1)				QC Sourc	e: BRE0210-1	)		Extr	acted:	05/16/08 10	):11			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	ND				17.7%	(30)	05/16/08 14:53	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv		ND				17.7%	"		
Benzene (v/v)	"	ND		0.0308	"		ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"		ND				59.2%			F
Ethylbenzene (v/v)	"	ND		0.0227	"		ND				92.2%	"		F
Xylenes, total (v/v)	"	ND		0.0454	"		ND				86.4%	"		F
Benzene	"	ND		0.100	mg/m³ Air		ND				NR	"		
Toluene	"	ND		0.100	"		ND				59.2%	"		F
Ethylbenzene	"	ND		0.100	"		ND				92.2%	"		F
Xylenes (total)	"	ND		0.200	"		ND				86.4%	"	"	F
Surrogate(s): 4-BFB (FID)		Recovery:	84.0%	L	imits: 70-150%	"							05/16/08 14:53	
4-BFB (PID)			92.7%		75-125%	5 "							"	
Duplicate (8E16018-DUP2)				QC Sourc	e: BRE0210-2	)		Extr	acted:	05/16/08 10	):11			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	ND				10.7%	(30)	05/16/08 15:53	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv		ND				10.7%	"		
Benzene (v/v)	"	ND		0.0308	"		ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"		ND				59.8%	"		F
Ethylbenzene (v/v)	"	ND		0.0227	"		ND				27.0%	"		
Xylenes, total (v/v)	"	ND		0.0454	"		ND				0.989%	ó "		
Benzene	"	ND		0.100	mg/m³ Air		ND				NR	"		
Toluene	"	ND		0.100			ND				59.8%	"		F
Ethylbenzene	"	ND		0.100			ND				27.0%	"		
Xylenes (total)	"	ND		0.200			ND				0.989%	ó "	"	
Surrogate(s): 4-BFB (FID)		Recovery:	75.4%	L	imits: 70-150%	"							05/16/08 15:53 "	

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Sandra Lavamerich Sandra Yakamavich, Project Manager





#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8E17002	Air Pre	eparation M	lethod: EPA	5030B (1	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	%_ REC	(Limits)	% RPD	(Limits	6) Analyzed	Notes
Blank (8E17002-BLK1)								Extr	acted:	05/17/08 10	:12			
Gasoline Range Hydrocarbons	NWTPH	ND		10.0	mg/m³ Air	1x							05/17/08 10:26	
Gasoline Range Hydrocarbons (v/v)	Modified	ND		2.36	ppmv									
Benzene (v/v)	"	ND		0.0308	"									
Toluene (v/v)	"	ND		0.0261										
Ethylbenzene $(v/v)$	"	ND		0.0227	"									
Xylenes, total (v/v)	"	ND		0.0454	"									
Benzene	"	ND		0.100	mg/m³ Air									
Toluene	"	ND		0.100	"									
Ethylbenzene	"	ND		0.100	"									
Xylenes (total)	"	ND		0.200	"									
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	91.9% 89.6%	L	imits: 70-150% 75-125%	"							05/17/08 10:26 "	
LCS (8E17002-BS1)								Extr	acted:	05/17/08 10	):12			
Gasoline Range Hydrocarbons	NWTPH Modified	98.5		10.0	mg/m³ Air	1x		100	98.5%	(50-150)			05/17/08 10:56	
Surrogate(s): 4-BFB (FID)		Recovery:	92.9%	L	imits: 70-150%	"							05/17/08 10:56	
LCS (8E17002-BS2)								Extr	acted:	05/17/08 10	:12			
Benzene	NWTPH	1.63		0.100	mg/m³ Air	1x		2.00	81.4%	(50-150)			05/17/08 11:57	
T 1	Modified	1.75		0.100				"	07.70/					
Toluene		1.75		0.100				"	87.7%					
Ethylbenzene		1.61		0.100					80.7%					
Xylenes (total)	"	4.99		0.200	"			6.00	83.2%	"			"	
Surrogate(s): 4-BFB (PID)		Recovery:	92.0%	L	imits: 75-125%	"							05/17/08 11:57	
LCS Dup (8E17002-BSD1)								Extr	acted:	05/17/08 10	:12			
Gasoline Range Hydrocarbons	NWTPH Modified	102		10.0	mg/m³ Air	1x		100	102%	(50-150)	3.17%	6 (50)	05/17/08 11:27	
Surrogate(s): 4-BFB (FID)		Recovery:	94.7%	L	imits: 70-150%	"							05/17/08 11:27	
LCS Dup (8E17002-BSD2)								Extr	acted:	05/17/08 10	):12			
Benzene	NWTPH Modified	0.957		0.100	mg/m³ Air	1x		2.00	47.8%	(50-150)	51.9%	6 (50)	05/17/08 12:27	L2, 1
Toluene	"	0.948		0.100	"	"		"	47.4%		59.6%	6 "		L2,
Ethylbenzene	"	0.979		0.100	"	"		"	48.9%		49.0%	6 "		
Xylenes (total)	"	2.97		0.200	"	"		6.00	49.4%		51.0%	6 "		L2,
Surrogate(s): 4-BFB (FID)		Recovery:	86.7%	L	imits: 70-150%	"							05/17/08 12:27	
4-BFB (PID)			92.5%	5	75-125%	"							"	

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#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8E17002	Air Pre	paration M	lethod: EPA	5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8E17002-DUP1)				QC Sourc	e: BRE0210-07			Extr	acted:	05/17/08 10	):12			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x	ND				14.2%	(30)	05/17/08 13:27	
Gasoline Range Hydrocarbons	"	ND		10.0	mg/m³ Air	"	ND				14.2%	"	"	
Benzene (v/v)	"	ND		0.0308	ppmv	"	ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"	"	ND				79.5%	"		R
Ethylbenzene (v/v)	"	ND		0.0227	"		ND				NR	"		
Xylenes, total (v/v)	"	ND		0.0454	"		ND				11.4%			
Benzene	"	ND		0.100	mg/m³ Air	"	ND				NR	"		
Toluene	"	ND		0.100	"		ND				79.5%			R
Ethylbenzene	"	ND		0.100	"		ND				NR	"		
Xylenes (total)	"	ND		0.200	"	"	ND				11.4%	"	"	
Surrogate(s): 4-BFB (FID)		Recovery:	79.3%	I	imits: 70-150%	"							05/17/08 13:27	
4-BFB (PID)			96.0%		75-125%	"							"	

QC Batch: 8E17004	Air Pre	paration M	ethod: EPA	5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	) Analyzed	Notes
Blank (8E17004-BLK1)								Ext	acted:	05/17/08 12	2:31			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x							05/18/08 10:20	
Gasoline Range Hydrocarbons	"	ND		10.0	mg/m³ Air									
Benzene (v/v)	"	ND		0.0308	ppmv									
Toluene (v/v)	"	ND		0.0261	"	"							"	
Ethylbenzene (v/v)	"	ND		0.0227	"									
Xylenes, total (v/v)	"	ND		0.0454	"	"							"	
Benzene	"	ND		0.100	mg/m³ Air	"							"	
Toluene	"	ND		0.100	"	"							"	
Ethylbenzene	"	ND		0.100	"									
Xylenes (total)	"	ND		0.200	"	"							"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	91.2% 89.4%	L	imits: 70-150% 75-125%	"							05/18/08 10:20 "	)

TestAmerica Seattle

Sandra Gallamerich Sandra Yakamavich, Project Manager





<b>Secor-Redmond</b> PO Box 230, 12034 - (134th C Redmond, WA/USA 98073	Ct NE Ste 102, z	ip 98052)		Project Na Project Nu Project Ma	umber:	5353 W O1CP.0 Jennifer		EFR					Report Create 05/22/08 15:	
Gasoline Hydrocarbon	s (Benzene to	Napthaler	e) and BTH		by NWT		and EPA	8021E	6 - La	iborator	y Qu	ality Co	ontrol Results	1
QC Batch: 8E17004	Air Pre	eparation M	ethod: EP	A 5030B (1	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	e % REC	(Limits)	% RPD	(Limits	) Analyzed	Notes
LCS (8E17004-BS1)								Ext	racted:	05/17/08 12	2:31			
Gasoline Range Hydrocarbons	NWTPH Modified	105		10.0	mg/m³ Air	1x		100	105%	(50-150)			05/18/08 17:50	
Surrogate(s): 4-BFB (FID)		Recovery:	93.0%	L	imits: 70-15	0% "							05/18/08 17:50	
LCS (8E17004-BS2)								Ext	racted:	05/17/08 12	2:31			
Benzene	NWTPH	1.67		0.100	mg/m³ Air	1x		2.00	83.5%	(50-150)			05/18/08 18:50	
Toluene	Modified	1.67		0.100	"			"	83.7%					
Ethylbenzene		1.69		0.100	"			"	84.5%					
Xylenes (total)		5.14		0.200	"			6.00	85.6%					
Surrogate(s): 4-BFB (PID)		Recovery:	95.1%	L	imits: 75-12.	5% "							05/18/08 18:50	
LCS Dup (8E17004-BSD1)								Ext	racted:	05/17/08 12	2:31			
Gasoline Range Hydrocarbons	NWTPH Modified	105		10.0	mg/m³ Air	1x		100	105%	(50-150)	0.558	% (50)	05/18/08 18:20	
Surrogate(s): 4-BFB (FID)		Recovery:	92.7%	L	imits: 70-15	0% "							05/18/08 18:20	
LCS Dup (8E17004-BSD2)								Ext	racted:	05/17/08 12	2:31			
Benzene	NWTPH	1.57		0.100	mg/m³ Air	1x		2.00	78.4%	(50-150)	6.25	% (50)	05/18/08 19:21	
Toluene	Modified	1.55		0.100	"			"	77.5%		7.67	~ "		
Ethylbenzene		1.61		0.100	"			"	80.7%		4.65%			
Xylenes (total)		4.86		0.200	"			6.00	81.0%		5.549			
Surrogate(s): 4-BFB (PID)		Recovery:	96.4%	L	imits: 75-12.	5% "							05/18/08 19:21	
Duplicate (8E17004-DUP1)				QC Sourc	e: BRE0225	5-04		Ext	racted:	05/17/08 12	2:31			
Gasoline Range Hydrocarbons	NWTPH Modified	11.3		10.0	mg/m³ Air	1x	11.0				2.349	% (30)	05/18/08 15:20	
Gasoline Range Hydrocarbons (v/v)	"	2.66		2.36	ppmv		2.60				2.34	% "	"	
Benzene (v/v)	"	ND		0.0308	"		ND				14.4	% "	"	
Toluene (v/v)	"	0.0292		0.0261	"	"	0.0302				3.529	/0 "	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	ND				37.89	% "	"	1
Xylenes, total (v/v)	"	ND		0.0454	"	"	ND				16.29	% "	"	
Benzene	"	ND		0.100	mg/m³ Air	"	ND				14.49	% "	"	
Toluene		0.112		0.100	"		0.116				3.529	% "	"	
Ethylbenzene		ND		0.100	"		ND				37.89	/0 "		1
Xylenes (total)	"	ND		0.200	"	"	ND				16.2	v ₀ "	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	88.1% 91.3%	L	imits: 70-15 75-12								05/18/08 15:20 "	

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Sandra Lauramerich

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#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: 5353 Westlake EFR O1CP.01396.82 Jennifer Yotz

Report Created: 05/22/08 15:45

#### **Notes and Definitions**

#### Report Specific Notes:

С	-	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
L2	-	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
R2	-	The RPD exceeded the acceptance limit.
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
Laborator	ry R	eporting Conventions:
DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic	-	Electronic Signature added in accordance with TestAmerica's <i>Electronic Reporting and Electronic Signatures Policy</i> .

Electronic- Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy.SignatureApplication of electronic signature indicates that the report has been reviewed and approved for release by the laboratory.<br/>Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

auamerich) Sandra Yakamavich, Project Manager



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 11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 425-420-9200
 FAX 420-9210

 11922 E. First Ave, Spokane, WA 99206-5302
 509-924-9200
 FAX 924-9200

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TestA	<b>TestAmerica</b>			11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302	k Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302		+ 425-420-9200 FAX 420-921 <b>0</b> - 509-924-9200 FAX 924-9290	-9210
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May 22, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 05/15/08 13:15. The following list is a summary of the Work Orders contained in this report, generated on 05/22/08 15:49.

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

Work Order BRE0204 Project 5353 Westlake EFR ProjectNumber O1CP.01396.42

TestAmerica Seattle

Hamevich Sandra Yakamavich, Project Manager





#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

**5353 Westlake EFR** O1CP.01396.42 Jennifer Yotz

Report Created: 05/22/08 15:49

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFR-1	BRE0204-01	Air	05/15/08 09:15	05/15/08 13:15
EFR-2	BRE0204-02	Air	05/15/08 09:17	05/15/08 13:15
EFR-3	BRE0204-03	Air	05/15/08 09:19	05/15/08 13:15
MW-88	BRE0204-04	Air	05/15/08 09:22	05/15/08 13:15
MW-48	BRE0204-05	Air	05/15/08 09:25	05/15/08 13:15
MW-65	BRE0204-06	Air	05/15/08 09:27	05/15/08 13:15
TOT INF	BRE0204-07	Air	05/15/08 11:05	05/15/08 13:15
BTWC	BRE0204-08	Air	05/15/08 11:00	05/15/08 13:15
TOT EFF	BRE0204-09	Air	05/15/08 10:50	05/15/08 13:15
TOT WELLFIELD	BRE0204-10	Air	05/15/08 11:10	05/15/08 13:15

TestAmerica Seattle

Sandra Levamerich

Sandra Yakamavich, Project Manager





#### Secor-Redmond 5353 Westlake EFR Project Name: Project Number:

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

O1CP.01396.42 Project Manager: Jennifer Yotz

Report Created: 05/22/08 15:49

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0204-01 (EFR-1)		Air			Sampl	led: 05/1	15/08 09:15			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E15045	05/15/08 14:34	05/15/08 14:48	
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv		"	"		
Benzene (v/v)	"	ND		0.0308	"		"	"	"	
Toluene (v/v)	"	0.0262		0.0261	"		"	"	"	
Ethylbenzene (v/v)		ND		0.0227	"					
Xylenes, total (v/v)	"	0.0502		0.0454	"		"	"	"	
Benzene		ND		0.100	mg/m³ Air					
Toluene	"	0.100		0.100	"	"	"	"	"	
Ethylbenzene		ND		0.100	"		"	"		
Xylenes (total)	"	0.221		0.200	"	"		"		
Surrogate(s): 4-BFB (FID)			69.1%		70 - 150 %	"			"	Z6
4-BFB (PID)			89.5%		75 - 125 %	"			"	

BRE0204-02 (EFR-2)		Air			Sampled	l: 05/1	5/08 09:17			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0 mg	/m³ Air	1x	8E15045	05/15/08 14:34	05/15/08 15:48	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	opmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"	"	"	
Benzene	"	ND		0.100 mg	/m³ Air	"	"	"	"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"	"		"	
Surrogate(s): 4-BFB (FID)			76.4%	7	0 - 150 %	"			"	
4-BFB (PID)			91.1%	7	5 - 125 %	"			"	

BRE0204-03 (EFR-3)		Air		Samp	led: 05/1	5/08 09:19			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	 10.0	mg/m³ Air	1x	8E15045	05/15/08 14:34	05/15/08 18:18	
Gasoline Range Hydrocarbons (v/v)	"	ND	 2.36	ppmv	"	"			
Benzene (v/v)	"	ND	 0.0308		"	"			
Toluene (v/v)	"	ND	 0.0261		"	"			
Ethylbenzene (v/v)	"	ND	 0.0227		"	"		"	
Xylenes, total (v/v)	"	ND	 0.0454		"	"		"	
Benzene	"	ND	 0.100	mg/m³ Air	"	"		"	
Toluene	"	ND	 0.100		"	"		"	
Ethylbenzene	"	ND	 0.100		"	"		"	
Xylenes (total)	"	ND	 0.200		"	"	"	"	

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The results in this report apply to the samples analyzed in accordance with the chain

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without the written approval of the laboratory.

Page 3 of 11



Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:49

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0204-03 (EFR-3)		Air			Sampl	ed: 05/1	5/08 09:19			
Surrogate(s): 4-BFB (FID)			83.7%		70 - 150 %	1x			05/15/08 18:18	
4-BFB (PID)			90.8%		75 - 125 %	"			"	
BRE0204-04 (MW-88)		Air			Sample	ed: 05/1	5/08 09:22			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E15045	05/15/08 14:34	05/15/08 18:48	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308		"	"			
Toluene (v/v)	"	ND		0.0261		"	"		"	
Ethylbenzene (v/v)	"	ND		0.0227		"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454		"	"	"	"	
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Гoluene		ND		0.100		"	"		"	
Ethylbenzene	"	ND		0.100		"	"	"	"	
Xylenes (total)	"	ND		0.200		"	"	"	"	
Surrogate(s): 4-BFB (FID)			85.4%		70 - 150 %	"			"	
4-BFB (PID)			93.6%		75 - 125 %	"			"	
BRE0204-05 (MW-48)		Air	•		Sampl	ed: 05/1	5/08 09:25			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E15045	05/15/08 14:34	05/15/08 19:18	
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv	"	"	"		
Benzene (v/v)		ND		0.0308	"	"	"	"		
Foluene (v/v)		ND		0.0261	"	"	"	"		
Ethylbenzene (v/v)	"	ND		0.0227		"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454		"	"	"	"	
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Foluene	"	ND		0.100		"	"	"	"	
Ethylbenzene	"	ND		0.100		"	"	"	"	
Xylenes (total)	"	ND		0.200		"	"	"	"	
Surrogate(s): 4-BFB (FID)			84.2%		70 - 150 %	"			"	
4-BFB (PID)			92.2%		75 - 125 %	"			"	

TestAmerica Seattle

avamerich





### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

Report Created: 05/22/08 15:49

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0204-06 (MW-65)		Air			Sampl	led: 05/1	15/08 09:27			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E15045	05/15/08 14:34	05/15/08 19:48	
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv		"	"	"	
Benzene (v/v)	"	ND		0.0308			"	"	"	
Toluene (v/v)		ND		0.0261	"		"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227			"		"	
Xylenes, total (v/v)	"	ND		0.0454			"	"	"	
Benzene	"	ND		0.100	mg/m³ Air		"		"	
Toluene	"	ND		0.100			"	"	"	
Ethylbenzene	"	ND		0.100			"		"	
Xylenes (total)	"	ND		0.200		"	"	"	"	
Surrogate(s): 4-BFB (FID)			85.8%		70 - 150 %	"			"	
4-BFB (PID)			92.7%		75 - 125 %	"			"	

BRE0204-07 (TOT INF)		Air			Sampl	ed: 05/1	5/08 11:05			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0 m	ng/m³ Air	1x	8E15045	05/15/08 14:34	05/15/08 20:18	
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)		ND		0.0308	"	"	"	"	"	
Toluene (v/v)		ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"	"	"	
Benzene	"	ND		0.100 m	ng/m³ Air	"	"	"	"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200		"	"		"	
Surrogate(s): 4-BFB (FID)			85.4%		70 - 150 %	"			"	
4-BFB (PID)			93.5%		75 - 125 %	"			"	

BRE0204-08 (BTWC)		Air		Samp	led: 05/1	5/08 11:00			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	 10.0	mg/m³ Air	1x	8E15045	05/15/08 14:34	05/15/08 20:48	
Gasoline Range Hydrocarbons (v/v)	"	ND	 2.36	ppmv				"	
Benzene (v/v)	"	ND	 0.0308					"	
Toluene (v/v)	"	ND	 0.0261		"	"			
Ethylbenzene (v/v)	"	ND	 0.0227		"	"			
Xylenes, total (v/v)	"	ND	 0.0454			"		"	
Benzene	"	ND	 0.100	mg/m³ Air	"	"			
Toluene	"	ND	 0.100		"	"			
Ethylbenzene	"	ND	 0.100		"	"			
Xylenes (total)		ND	 0.200			"			

TestAmerica Seattle

Warnevich

Sandra Yakamavich, Project Manager

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Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	05/22/08 15:49

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0204-08 (BTWC)		Air			Sampl	ed: 05/1	5/08 11:00			
Surrogate(s): 4-BFB (FID)			84.4%		70 - 150 %	lx			05/15/08 20:48	
4-BFB (PID)			92.8%		75 - 125 %	"			"	
BRE0204-09 (TOT EFF)		Air			Sampl	ed: 05/1	5/08 10:50			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E15045	05/15/08 14:34	05/15/08 21:19	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"		"	
Toluene (v/v)	"	ND		0.0261	"	"	"		"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"		"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"		"	
Benzene	"	ND		0.100	mg/m³ Air	"	"		"	
Γoluene	"	ND		0.100	"	"	"		"	
Ethylbenzene	"	ND		0.100	"	"	"		"	
Xylenes (total)	"	ND		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			85.6%		70 - 150 %	"			"	
4-BFB (PID)			91.0%		75 - 125 %	"			"	
BRE0204-10 (TOT WELLFIEL	LD)	Air			Sampl	ed: 05/1	5/08 11:10			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E15045	05/15/08 14:34	05/15/08 21:49	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Foluene (v/v)	"	ND		0.0261	"	"	"		"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"		"	
Kylenes, total (v/v)	"	ND		0.0454	"	"	"	"	"	
Benzene	"	ND		0.100	mg/m³ Air	"	"		"	
Toluene	"	ND		0.100	"	"	"		"	
Ethylbenzene	"	ND		0.100	"	"	"		"	
Kylenes (total)	"	ND		0.200	"	"		"	"	
Surrogate(s): 4-BFB (FID)			82.7%		70 - 150 %	"			"	

TestAmerica Seattle

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#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

Report Created: 05/22/08 15:49

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8E15045	Air Pre	paration M	lethod: EPA	5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Note
Blank (8E15045-BLK1)								Extra	acted:	05/15/08 10	:00			
Gasoline Range Hydrocarbons	NWTPH	ND		10.0	mg/m³ Air	1x						(	05/15/08 10:32	
Gasoline Range Hydrocarbons (v/v)	Modified	ND		2.36	ppmv									
Benzene (v/v)		ND		0.0308	"									
Toluene (v/v)		ND		0.0261	"								"	
Ethylbenzene (v/v)		ND		0.0227	"									
Xylenes, total (v/v)	"	ND		0.0454	"								"	
Benzene	"	ND		0.100	mg/m³ Air								"	
Toluene		ND		0.100	"								"	
Ethylbenzene	"	ND		0.100	"									
Xylenes (total)		ND		0.200	"									
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	91.4% 90.6%	L	imits: 70-150% 75-125%	"							05/15/08 10:32 "	
LCS (8E15045-BS1)								Extra	acted:	05/15/08 10	:00			
Gasoline Range Hydrocarbons	NWTPH Modified	113		10.0	mg/m³ Air	1x		100	113%	(50-150)		0	05/15/08 13:25	
Surrogate(s): 4-BFB (FID)		Recovery:	91.2%	L	imits: 70-150%	"							05/15/08 13:25	
LCS (8E15045-BS2)								Extra	acted:	05/15/08 10	:00			
Benzene	NWTPH	2.17		0.100	mg/m³ Air	lx		2.00	109%	(50-150)		(	05/15/08 12:25	
Toluene	Modified	2.18		0.100	"				109%					
Ethylbenzene		2.15		0.100	"			"	108%				"	
Xylenes (total)	"	6.52		0.200	"			6.00	109%					
Surrogate(s): 4-BFB (PID)		Recovery:	92.1%	L	imits: 75-125%	"							05/15/08 12:25	
LCS Dup (8E15045-BSD1)								Extra	acted:	05/15/08 10	:00			
Gasoline Range Hydrocarbons	NWTPH Modified	113		10.0	mg/m³ Air	1x		100	113%	(50-150)	0.785	% (50)	05/15/08 11:55	
Surrogate(s): 4-BFB (FID)		Recovery:	101%	L	imits: 70-150%	"							05/15/08 11:55	
LCS Dup (8E15045-BSD2)								Extra	acted:	05/15/08 10	:00			
Benzene	NWTPH Modified	2.21		0.100	mg/m³ Air	1x		2.00	110%	(50-150)	1.689	% (50)	05/15/08 12:55	
Toluene	"	2.16		0.100	"			"	108%		0.901	% "		
Ethylbenzene	"	2.18		0.100	"			"	109%		1.419	% "		
											0.864			

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#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

Report Created: 05/22/08 15:49

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8E15045	Air Pre	paration M	lethod: EPA	. 5030B (1	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8E15045-DUP1)				QC Sourc	e: BRE0204-0	1		Extr	acted:	05/15/08 14	:34			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x	ND				8.74%	<b>(30)</b>	05/15/08 15:18	
Gasoline Range Hydrocarbons		ND		10.0	mg/m³ Air	"	ND				8.74%	, " D		
Benzene (v/v)	"	ND		0.0308	ppmv	"	ND				NR	"		
Toluene (v/v)		ND		0.0261	"	"	0.0262				43.8%	, " D		F
Ethylbenzene (v/v)		ND		0.0227	"	"	ND				24.9%	, " D		
Xylenes, total (v/v)		ND		0.0454	"	"	0.0502				30.3%	, " D		F
Benzene		ND		0.100	mg/m³ Air	"	ND				NR	"		
Toluene		ND		0.100		"	0.100				43.8%	, <b>"</b>		F
Ethylbenzene		ND		0.100		"	ND				24.9%	, "		
Xylenes (total)		ND		0.200		"	0.221				30.3%	, <b>"</b>		F
Surrogate(s): 4-BFB (FID)		Recovery:	87.5%	L	imits: 70-150%	"							05/15/08 15:18	
4-BFB (PID)			90.1%		75-125%	ó "							"	
Duplicate (8E15045-DUP2)				QC Sourc	e: BRE0204-0	2		Extr	acted:	05/15/08 14	:34			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x	ND				38.6%	₆ (30)	05/15/08 16:18	F
Gasoline Range Hydrocarbons	"	ND		10.0	mg/m³ Air	"	ND				38.6%	, " D		F
Benzene (v/v)	"	ND		0.0308	ppmv	"	ND				NR			
Toluene (v/v)	"	ND		0.0261	"	"	ND				9.85%	, "		
Ethylbenzene (v/v)	"	ND		0.0227	"	"	ND				1.03%	, "		
Xylenes, total (v/v)	"	ND		0.0454	"	"	ND				7.24%	, "		
Benzene		ND		0.100	mg/m³ Air	"	ND				NR	"		
Toluene		ND		0.100	"	"	ND				9.85%	, "	"	
Ethylbenzene		ND		0.100	"	"	ND				1.03%	, "	"	
Xylenes (total)		ND		0.200	"	"	ND				7.24%	, " D	"	
Surrogate(s): 4-BFB (FID)		Recovery:	88.0%	L	imits: 70-150%	"							05/15/08 16:18	
4-BFB (PID)			92.0%		75-125%	ó "							"	

TestAmerica Seattle

havamerich Sandra Yakamavich, Project Manager





#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

Report Created: 05/22/08 15:49

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

Air Pre	paration M	lethod: EPA	5030B (	P/T)									
Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Note
							Extr	acted:	05/20/08 09	:15			
NWTPH	ND		2.36	ppmv	1x							05/20/08 11:30	
"	ND		10.0	mg/m³ Air									
"	ND		0.0308	ppmv								"	
"	ND		0.0261	"								"	
"	ND		0.0227	"								"	
"	ND		0.0454	"									
"	ND		0.100	mg/m³ Air									
"	ND		0.100	"									
"	ND		0.100	"									
"	ND		0.200	"								"	
	Recovery:	92.1% 90.0%	L	imits: 70-150% 75-125%	"							05/20/08 11:30 "	
							Extr	acted:	05/20/08 09	:15			
NWTPH Modified	101		10.0	mg/m³ Air	1x		100	101%	(50-150)			05/20/08 12:27	
	Recovery:	80.2%	L	imits: 70-150%	"							05/20/08 12:27	
							Extr	acted:	05/20/08 09	:15			
NWTPH Modified	1.14		0.100	mg/m³ Air	1x		2.00	56.8%	(50-150)			05/20/08 13:27	
"	1.26		0.100	"			"	62.8%					
"	1.24		0.100	"			"	62.0%				"	
"	3.80		0.200	"			6.00	63.3%					
	Recovery:	91.4%	L	imits: 75-125%	"							05/20/08 13:27	
							Extr	acted:	05/20/08 09	:15			
NWTPH Modified	93.9		10.0	mg/m³ Air	1x		100	93.9%	(50-150)	7.529	% (50)	05/20/08 12:57	
	Recovery:	95.5%	L	imits: 70-150%	"							05/20/08 12:57	
							Extr	acted:	05/20/08 09	:15			
NWTPH Modified	1.16		0.100	mg/m³ Air	1x		2.00	58.1%	(50-150)	2.35%	6 (50)	05/20/08 13:58	
"	1.18		0.100	"			"	59.0%		6.32	6 "	"	
"	1.22		0.100	"			"	61.0%		1.779	6 "	"	
	Method  NWTPH Modified  " " " " " " " " " " " " " " " " " "	Method         Result           NWTPH Modified "         ND           "         1.14           Modified         "           "         3.80           Recovery:	Method         Result         MDL*           NWTPH Modified "         ND            "         ND            Modified         101            "         1.24            "         1.24            "         3.80            Modified             Modified         93.9       Modi	Method         Result         MDL*         MRL           NWTPH Modified         ND          2.36           "         ND          0.0308           "         ND          0.0308           "         ND          0.0308           "         ND          0.0261           "         ND          0.0227           "         ND          0.0227           "         ND          0.0454           "         ND          0.100           Modified         1.14          0.100           "         1.26          0.100           "         1.24          0.100           "         3.80          0.200      Recovery:         91.4%         L<	NWTPH Modified         ND          2.36         ppmv           "         ND          10.0         mg/m³ Air           "         ND          0.0308         ppmv           "         ND          0.0261         "           "         ND          0.0227         "           "         ND          0.0454         "           "         ND          0.100         mg/m³ Air           "         ND          0.100         "           "         ND          0.100         mg/m³ Air           Modified         1.26          0.100         "           "         1.26          0.100         "           "         3.80          0.200         "           Modified         93.	Method         Result         MDL*         MRL         Units         Dil           NWTPH Modified "         ND          2.36         ppmv         1x           ND          0.00 mg/m² Air         "         "           ND          0.0261         "         "           ND          0.0227         "         "           ND          0.0227         "         "           ND          0.00454         "         "           ND          0.100         mg/m² Air         "           ND          0.100         mg/m² Air         "           ND          0.100         "         "           ND          0.100         "         "           ND          0.100         "         "           ND          0.100         mg/m² Air         "           ND          0.100         mg/m² Air         Ix           NWTPH         101          10.0         mg/m² Air         Ix           NWTPH         1.14	Method         Result         MDL*         MRL         Units         Dil         Source Result           NWTPH Modified "         ND          2.36         ppmv         1x            "         ND          0.00 mg/m³ Air         "            "         ND          0.0308         ppmv         "            "         ND          0.0261         "         "            "         ND          0.0227         "             "         ND          0.0454         "             "         ND          0.100         "         "            "         ND          0.100         "         "            "         ND          0.100         "         "            "ND          0.100         "         "            "ND          0.100         mg/m³ Air         1x            "         ND          0.100         " <td>Method         Result         MDL*         MRL         Units         Dit         Source Result         Antt           NWTPH Modified         ND          2.36         ppmv         1x             "         ND          10.0         mg/m² Àir         "             "         ND          0.0308         ppmv         "             "         ND          0.0261         "         "             "         ND          0.0227         "         "             "         ND          0.0454         "         "             "         ND          0.100         "         "             "         ND          0.100         "         "             "ND          0.100         "         "              "ND          0.200         "         "          </td> <td>Method         Result         MDL*         MRL         Units         Dit         Source Result         Spike         % Am         REC           NWTPH Modified         ND          2.36         ppmv         1x             ND          1.0.0         mg/m'Air         *              ND          0.0308         ppmv         *              ND          0.0261         "         *              ND          0.0277         "         "                                                       <t< td=""><td>Method         Result         MDL*         MRL         Units         Dil         Source Result         Spike Ann         %C Ref         (Limits)           NWTPH Modified         ND          2.36         ppmv         1x              "ND          10.0         mg/m² Åir         "               "ND          0.0308         ppmv         "                                                                     </td><td>Method         Result         MDL*         MRL         Units         Dit         Source Result         Splike Ant         %C REC         (Limits)         %RPD           NUTPH Modified         ND          2.36         ppmv         1x                                                                                         -</td><td>Method         Result         MDL*         MRL         Units         Dil         Source Result         Spike Ant         %EC REC         (Limits) RPD         %AP           NUTPH Modified         ND          2.36         ppmv         1x                                                                                         <td< td=""><td>Method         Result         MDL*         MRL         Units         Dil         Source Result         Splike         %EC         (Limits)         %PD         (Limits)</td></td<></td></t<></td>	Method         Result         MDL*         MRL         Units         Dit         Source Result         Antt           NWTPH Modified         ND          2.36         ppmv         1x             "         ND          10.0         mg/m² Àir         "             "         ND          0.0308         ppmv         "             "         ND          0.0261         "         "             "         ND          0.0227         "         "             "         ND          0.0454         "         "             "         ND          0.100         "         "             "         ND          0.100         "         "             "ND          0.100         "         "              "ND          0.200         "         "	Method         Result         MDL*         MRL         Units         Dit         Source Result         Spike         % Am         REC           NWTPH Modified         ND          2.36         ppmv         1x             ND          1.0.0         mg/m'Air         *              ND          0.0308         ppmv         *              ND          0.0261         "         *              ND          0.0277         "         " <t< td=""><td>Method         Result         MDL*         MRL         Units         Dil         Source Result         Spike Ann         %C Ref         (Limits)           NWTPH Modified         ND          2.36         ppmv         1x              "ND          10.0         mg/m² Åir         "               "ND          0.0308         ppmv         "                                                                     </td><td>Method         Result         MDL*         MRL         Units         Dit         Source Result         Splike Ant         %C REC         (Limits)         %RPD           NUTPH Modified         ND          2.36         ppmv         1x                                                                                         -</td><td>Method         Result         MDL*         MRL         Units         Dil         Source Result         Spike Ant         %EC REC         (Limits) RPD         %AP           NUTPH Modified         ND          2.36         ppmv         1x                                                                                         <td< td=""><td>Method         Result         MDL*         MRL         Units         Dil         Source Result         Splike         %EC         (Limits)         %PD         (Limits)</td></td<></td></t<>	Method         Result         MDL*         MRL         Units         Dil         Source Result         Spike Ann         %C Ref         (Limits)           NWTPH Modified         ND          2.36         ppmv         1x              "ND          10.0         mg/m² Åir         "               "ND          0.0308         ppmv         "	Method         Result         MDL*         MRL         Units         Dit         Source Result         Splike Ant         %C REC         (Limits)         %RPD           NUTPH Modified         ND          2.36         ppmv         1x                                                                                         -	Method         Result         MDL*         MRL         Units         Dil         Source Result         Spike Ant         %EC REC         (Limits) RPD         %AP           NUTPH Modified         ND          2.36         ppmv         1x <td< td=""><td>Method         Result         MDL*         MRL         Units         Dil         Source Result         Splike         %EC         (Limits)         %PD         (Limits)</td></td<>	Method         Result         MDL*         MRL         Units         Dil         Source Result         Splike         %EC         (Limits)         %PD         (Limits)

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#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.42 Jennifer Yotz

Report Created: 05/22/08 15:49

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8E20020	Air Pre	paration M	ethod: EPA	5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	%∧ RPD	(Limits	) Analyzed	Notes
Duplicate (8E20020-DUP1)				QC Sourc	e: BRE0248-01			Extr	acted:	05/20/08 09	:15			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x	ND				21.3%	(30)	05/20/08 14:58	
Gasoline Range Hydrocarbons		ND		10.0	mg/m³ Air	"	ND				21.3%	"		
Benzene (v/v)	"	ND		0.0308	ppmv	"	ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"		ND				22.6%			
Ethylbenzene (v/v)	"	ND		0.0227	"		ND				NR	"		
Xylenes, total (v/v)	"	0.0489		0.0454	"		0.0629				25.1%			
Benzene		ND		0.100	mg/m³ Air		ND				NR			
Toluene		ND		0.100			ND				22.6%	"		
Ethylbenzene		ND		0.100			ND				NR			
Xylenes (total)	"	0.215		0.200	"	"	0.277				25.1%	"	"	
Surrogate(s): 4-BFB (FID)		Recovery:	85.0%	I	imits: 70-150%	"							05/20/08 14:58	
4-BFB (PID)			91.7%		75-125%	"							"	

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Sandra Javamerich

Sandra Yakamavich, Project Manager





Secor-Redmond	

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.42 Jennifer Yotz

Report Created: 05/22/08 15:49

#### **Notes and Definitions**

#### Report Specific Notes:

- R4 Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
- Z6 Surrogate recovery was below acceptance limits.

#### Laboratory Reporting Conventions:

DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.

 Electronic
 - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*.

 Signature
 Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory.

 Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

ausmarich Sandra Yakamavich, Project Manager



TestAmerica

<b>IestAmerica</b>	11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302 9405 SW Nimbus Ave, Beaverton, OR 97008-7145		425-420-9200 FAX 420-9210 FAX 924-9200 FAX 924-9290 FAX 924-9290 FAX 924-9290 FAX 93-9210 FAX 906-9210 FAX 90
THE LEADER IN ENVIRONMENTAL TESTING	2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119		907-563-9200 FAX 563-9210
	HAIN OF CUSTODY REPORT	Work Order #: DREOXOY	EUXOY
CLIENT: CP	INVOICE TO:	TURNAROUND REQUEST	REQUEST
REPORTTO: JEN YOTZ ADDRESS: 12034 13444 CT NE, SU to 102, REDMOND WA. 90052	SAME	in Business Days * Organic & Inorganic Analyses 70 7 5 4 3 2	Jays *       Analyses       1
PHONE: 175-371, 160, FAX: 4,25, 371, 165	P.O. NUMBER:	Petroleum	] [
PROJECT NAME: 5353 WESTLAKE	PRESERVATIVE	5 4 3	2 1 <1
PROJECT NUMBER: 0/29 . 0/396. 41	REOUESTED ANALYSES	OTHER Specify:	
		1	dard may incur Rush Charges.
CLIENT SAMPLE SAMPLING CLIENT SAMPLING DATE/TIME DATE/TIME		MATRIX # OF LO (W, S, O) CONT. CO	LOCATION/ TA COMMENTS WO ID
+		Air 1 535	S353 WEST WA
3 EFR3 (2 d); 19			
4.MW-68 E 9:22			
۶WW-46 في عن عد الم			
6 MW 65 N L C 9:24			
, ToT INF (B 11:05			
BTWC @ 11:50			
"TOTEFF @ 10;50			
"TOT WENTFICD & Q 11:10			
Tolle Y.	DATE: 5/15/68 RECEIVED BY: 2.70, TIME: 11:45 RECEIVED BY: 2.70	9, JA FIRME TA-SEA	DATE: S/15/05 TIME: 1145
	DATE: RECEIVED BY: TIME: PRINT NAME:	EIRM:	DATE: 21.3 TIMEs of
REMARKS:		(a/ab 13:15 T	TEMP: AGE OF
		2	W/0 TAL-1000(0108)



June 13, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 05/30/08 14:05. The following list is a summary of the Work Orders contained in this report, generated on 06/13/08 15:31.

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

Work Order BRE0393 Project 5353 Westlake EFR ProjectNumber O1CP.01396.47

TestAmerica Seattle

Hamevich Sandra Yakamavich, Project Manager





#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

**5353 Westlake EFR** O1CP.01396.47 Jennifer Yotz

Report Created: 06/13/08 15:31

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AM MW-48 AIR	BRE0393-01	Air	05/30/08 08:00	05/30/08 14:05
AM MW-88 AIR	BRE0393-02	Air	05/30/08 08:02	05/30/08 14:05
AM MW-48 H20	BRE0393-03	Water	05/30/08 08:10	05/30/08 14:05
AM MW-88 H20	BRE0393-04	Water	05/30/08 08:30	05/30/08 14:05
PM MW-48 AIR	BRE0393-05	Air	05/30/08 13:35	05/30/08 14:05
PM MW-88 AIR	BRE0393-06	Air	05/30/08 13:30	05/30/08 14:05
PM MW-48 H20	BRE0393-07	Water	05/30/08 13:47	05/30/08 14:05
PM MW-88 H20	BRE0393-08	Water	05/30/08 13:40	05/30/08 14:05

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Sandra Yakamavich, Project Manager





Redmond, WA/USA 98073

#### 5353 Westlake EFR Secor-Redmond Project Name: PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Project Number:

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C	01CP	.013	396.4	7	
Je	ennif	er Y	otz		

Report Created: 06/13/08 15:31

#### Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B

Project Manager:

				TestAm	erica Sea	attle					
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0393-03 (AN	4 MW-48 H20)		Wa	Water         Sampled:         05/30/08 08:10           ND          50.0         ug/l         1x         8F01005         06/01/08 13:49         06/02/08 05:49           ND          0.500         "         "         "         "         "           87.4%         58 - 144 %         "         "         "         "         "         "           820          50.0         ug/l         1x         8F01005         06/01/08 13:49         06/02/08 06:24           0.820          0.500         "         "         "         "         "           121.2          0.500 <th></th>							
Gasoline Range Hydroca	arbons	NWTPH-Gx/802 1B	ND		50.0	ug/l	1x	8F01005	06/01/08 13:49	06/02/08 05:49	
Benzene			ND		0.500	"	"	"	"		
Toluene			ND		0.500	"	"	"	"		
Ethylbenzene		"	ND		0.500		"	"	"	"	
Xylenes (total)			ND		1.00		"	"	"	"	
Surrogate(s): 4-1	BFB (FID)			87.4%		58 - 144 %	"			"	
4-1	BFB (PID)			102%		68 - 140 %	"			"	
BRE0393-04 (AN	4 MW-88 H20)		Wa	ater		Sampl	ed: 05/3	30/08 08:30			
Gasoline Range Hydro	carbons	NWTPH-Gx/802 1B	761		50.0	ug/l	1x	8F01005	06/01/08 13:49	06/02/08 06:24	
Benzene		"	0.820		0.500	"	"	"	"	"	
Toluene		"	ND		0.500		"	"		"	
Ethylbenzene		"	21.2		0.500	"	"	"	"	"	
Xylenes (total)		"	56.8		1.00	"	"	"	"	"	
Surrogate(s): 4-1	BFB (FID)			98.2%		58 - 144 %	"			"	
4-1	BFB (PID)			110%		68 - 140 %	"			"	
BRE0393-07 (PM	1 MW-48 H20)		Wa	ater		Sampl	ed: 05/3	30/08 13:47			
Gasoline Range Hydro	carbons	NWTPH-Gx/802 1B	96.3		50.0	ug/l	1x	8F01005	06/01/08 13:49	06/02/08 06:57	
Benzene			ND		0.500		"	"		"	

Toluene	"	ND		0.500	"	"	"	"		
Ethylbenzene	"	1.79		0.500	"	"	"			
Xylenes (total)	"	4.08		1.00	"		"	"	"	
Surrogate(s): 4-	BFB (FID)		88.4%		58 - 144 %	"			"	
4-	BFB (PID)		105%		68 - 140 %	"			"	

BRE0393-08 (PM MW-88 H2	20)	Wa	ıter		Sample	ed: 05/3	0/08 13:40		
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	1270		50.0	ug/l	1x	8F01005	06/01/08 13:49	06/02/08 07:30
Benzene	"	1.18		0.500	"	"	"		"
Toluene	"	ND		0.500	"	"	"		"
Ethylbenzene	"	33.8		0.500	"	"	"		"
Xylenes (total)	"	91.4		1.00	"	"	"		"
Surrogate(s): 4-BFB (FID)			103%		58 - 144 %	"			"
4-BFB (PID)			110%		68 - 140 %	"			"

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Page 3 of 10



#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

5353 Westlake EFR Project Name: Project Number: Project Manager:

O1CP.01396.47 Jennifer Yotz

Report Created: 06/13/08 15:31

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0393-01 (AM MW-48 AIR)		Aiı	r		Sampl	led: 05/3	30/08 08:00			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E30049	05/30/08 16:29	06/01/08 16:19	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)		ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	0.0527		0.0454	"	"	"	"	"	
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene		ND		0.100	"	"	"		"	
Xylenes (total)		0.232		0.200		"		"	"	
Surrogate(s): 4-BFB (FID)			72.1%		70 - 150 %	"			"	
4-BFB (PID)			88.6%		75 - 125 %	"			"	

BRE0393-02 (AM MW-88 AIR)		Air			Sample	ed: 05/3	0/08 08:02		
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E30049	05/30/08 16:29	06/01/08 17:19
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"		"
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"	"
Xylenes, total (v/v)		ND		0.0454	"	"	"	"	"
Benzene		ND		0.100	mg/m³ Air	"	"	"	"
Toluene	"	ND		0.100	"	"	"	"	"
Ethylbenzene		ND		0.100	"	"	"	"	"
Xylenes (total)	"	ND		0.200	"	"	"	"	"
Surrogate(s): 4-BFB (FID)			89.8%		70 - 150 %	"			"
4-BFB (PID)			90.9%		75 - 125 %	"			"

BRE0393-05 (PM MW-48 AIR)		Air		Samp	led: 05/3	0/08 13:35			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	 10.0 mg	g/m³ Air	1x	8E30049	05/30/08 16:29	06/01/08 17:50	
Gasoline Range Hydrocarbons (v/v)	"	ND	 2.36	ppmv	"	"			
Benzene (v/v)	"	ND	 0.0308	"	"	"			
Toluene (v/v)	"	ND	 0.0261	"	"	"			
Ethylbenzene (v/v)	"	ND	 0.0227	"	"	"			
Xylenes, total (v/v)	"	ND	 0.0454	"	"	"			
Benzene	"	ND	 0.100 mg	g/m³ Air	"	"			
Toluene	"	ND	 0.100	"	"	"		"	
Ethylbenzene	"	ND	 0.100	"	"	"			
Xylenes (total)	"	ND	 0.200		"	"			

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Sandra Yakamavich, Project Manager

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Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.47	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	06/13/08 15:31

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRE0393-05 (PM MW-48 AIR)		Air	•		Sampl	ed: 05/3	0/08 13:35			
Surrogate(s): 4-BFB (FID)			88.0%		70 - 150 %	lx			06/01/08 17:50	
4-BFB (PID)			90.4%		75 - 125 %	"			"	
BRE0393-06 (PM MW-88 AIR)		Air	•		Sampl	ed: 05/3	0/08 13:30			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8E30049	05/30/08 16:29	06/01/08 18:20	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"			
Benzene (v/v)	"	ND		0.0308	"	"	"			
Toluene (v/v)	"	0.0687		0.0261	"			"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"			"	"	
Xylenes, total (v/v)	"	0.0778		0.0454	"			"	"	
Benzene	"	ND		0.100	mg/m³ Air			"	"	
Toluene	"	0.263		0.100	"	"			"	
Ethylbenzene	"	ND		0.100	"	"		"	"	
Xylenes (total)	"	0.343		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			78.5%		70 - 150 %	"			"	
4-BFB (PID)			90.0%		75 - 125 %	"			"	

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Warnevich

Sandra Yakamavich, Project Manager





Secor-Redmond PO Box 230, 12034 - (134th C Redmond, WA/USA 98073	Ct NE Ste 102, zij	p 98052)		Project Nar Project Nur Project Ma	mber:	5353 W O1CP.0 Jennifer		EFR					Report Creater 06/13/08 15::	
Gasoline Hydrocart	oons (Benzene	to Naphth	alene) and	BTEX by TestAmeri			I EPA 80	21B -	Labo	ratory (	Qualit	y Con	trol Results	
QC Batch: 8F01005	Water F	Preparation	n Method: 1	EPA 5030E	B (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	%∧ REC	(Limits)	%∧ RPD	(Limit	s) Analyzed	Notes
Blank (8F01005-BLK1)								Extra	acted:	06/01/08 13	:49			
Gasoline Range Hydrocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x							06/01/08 15:02	
Benzene	8021B "	ND		0.500										
Toluene		ND		0.500										
Ethylbenzene	"	ND		0.500		"							"	
Xylenes (total)	"	ND		1.00		"								
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	86.7% 102%	Li	mits: 58-14 68-14								06/01/08 15:02 "	
LCS (8F01005-BS1)								Extra	acted:	06/01/08 13	:49			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1010		50.0	ug/l	1x		1000	101%	(80-120)			06/01/08 15:35	
Surrogate(s): 4-BFB (FID)		Recovery:	98.6%	Li	mits: 58-14	4% "							06/01/08 15:35	
LCS (8F01005-BS2)								Extra	acted:	06/01/08 13	:49			
Benzene	NWTPH-Gx/	29.5		0.500	ug/l	1x		30.0	98.2%	(80-120)			06/01/08 16:08	
Toluene	8021B "	29.2		0.500				"	97.3%				"	
Ethylbenzene		29.8		0.500				"	99.4%				"	
Xylenes (total)		88.5		1.00				90.0	98.3%				"	
Surrogate(s): 4-BFB (PID)		Recovery:	101%	Li	mits: 68-14	0% "							06/01/08 16:08	
Duplicate (8F01005-DUP1)				QC Source	: BRE0403	3-01		Extra	acted:	06/01/08 13	:49			
Gasoline Range Hydrocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x	ND				NR	(25)	06/01/08 17:47	
Benzene	8021B	ND		0.500			ND				NR		"	
Toluene	"	ND		0.500			ND				53.0%			I
Ethylbenzene		ND		0.500			ND				NR	"	"	1
Xylenes (total)		ND		1.00			ND				NR			
Surrogate(s): 4-BFB (FID)		Recovery:	90.3%	Li	mits: 58-14	4% "							06/01/08 17:47	
4-BFB (PID)			102%		68-14								"	
Duplicate (8F01005-DUP2)				OC Source	: BRE0403	3-02		Extra	acted:	06/01/08 13	:49			
Gasoline Range Hydrocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x	ND					(25)	06/01/08 18:53	
Benzene	8021B "	ND		0.500			ND				NR			
Toluene		ND		0.500			ND				0.00%	. "	"	
Ethylbenzene		ND		0.500			ND				NR	"		
Xylenes (total)	"	ND		1.00		"	ND				NR	"		
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	86.9% 103%	Li	mits: 58-14 68-14								06/01/08 18:53 "	

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Secor-Redmond	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.47	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	06/13/08 15:31
Gasoline Hydrocarbons (Benzene to Naphthalene	and BTEX by NWT	PH-C and EPA 8021B - Laborator	v Quality Control Results
	TestAmerica Seat		y quanty control results

QC Batch: 8F01005	Water F	reparation	Method: F	EPA 5030B	s (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	) Analyzed	Notes
Matrix Spike (8F01005-MS1)				QC Source:	BRE0403-01			Extr	acted:	06/01/08 13	6:49			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1090		50.0	ug/l	1x	ND	1000	109%	(75-131)			06/01/08 19:26	
Surrogate(s): 4-BFB (FID)		Recovery:	99.0%	Lir	nits: 58-144%	"							06/01/08 19:26	
Matrix Spike (8F01005-MS2)				QC Source	BRE0403-02			Extr	acted:	06/01/08 13	:49			
Benzene	NWTPH-Gx/ 8021B	32.1		0.500	ug/l	1x	ND	30.0	107%	(46-130)			06/01/08 20:32	
Toluene	"	32.2		0.500	"	"	0.195		107%	(60-124)				
Ethylbenzene	"	32.9		0.500	"	"	ND		110%	(56-141)			"	
Xylenes (total)	"	97.3		1.00	"		ND	90.0	108%	(66-132)				
Surrogate(s): 4-BFB (PID)		Recovery:	101%	Lii	nits: 68-140%	"							06/01/08 20:32	
Matrix Spike Dup (8F01005-MS	5D1)			QC Source	BRE0403-01			Extr	acted:	06/01/08 13	:49			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1030		50.0	ug/l	1x	ND	1000	103%	(75-131)	5.23%	6 (25)	06/01/08 19:59	
Surrogate(s): 4-BFB (FID)		Recovery:	94.4%	Liı	nits: 58-144%	"							06/01/08 19:59	

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Sandra Yakamavich, Project Manager





#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

**5353 Westlake EFR** O1CP.01396.47 Jennifer Yotz

Report Created: 06/13/08 15:31

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8E30049	Air Pre	eparation M	lethod: EPA	5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Note
Blank (8E30049-BLK1)								Extra	acted:	05/30/08 16	5:29			
Gasoline Range Hydrocarbons (v/v)	NWTPH	ND		2.36	ppmv	1x							06/01/08 13:43	
Gasoline Range Hydrocarbons	Modified	ND		10.0	mg/m³ Air								"	
Benzene (v/v)		ND		0.0308	ppmv									
Toluene (v/v)		ND		0.0261	"									
Ethylbenzene (v/v)	"	ND		0.0227	"								"	
Xylenes, total (v/v)	"	ND		0.0454	"								"	
Benzene	"	ND		0.100	mg/m³ Air								"	
Toluene	"	ND		0.100	"									
Ethylbenzene	"	ND		0.100	"									
Xylenes (total)	"	ND		0.200	"	"								
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	90.8% 89.0%	L	imits: 70-150% 75-125%	"							06/01/08 13:43 "	
LCS (8E30049-BS1)								Extra	acted:	05/30/08 16	5:29			
Gasoline Range Hydrocarbons	NWTPH Modified	119		10.0	mg/m³ Air	1x		100	119%	(50-150)			06/01/08 18:50	
Surrogate(s): 4-BFB (FID)		Recovery:	92.1%	L	imits: 70-150%	"							06/01/08 18:50	
LCS (8E30049-BS2)								Extra	acted:	05/30/08 16	5:29			
Benzene	NWTPH	2.44		0.100	mg/m³ Air	1x		2.00	122%	(50-150)			06/01/08 19:50	
Toluene	Modified	2.38		0.100	"			"	119%	"				
Ethylbenzene	"	2.38		0.100	"			"	119%				"	
Xylenes (total)		7.21		0.200	"			6.00	120%					
Surrogate(s): 4-BFB (PID)		Recovery:	93.7%	L	imits: 75-125%	"							06/01/08 19:50	
LCS Dup (8E30049-BSD1)								Extra	acted:	05/30/08 16	5:29			
Gasoline Range Hydrocarbons	NWTPH Modified	114		10.0	mg/m³ Air	1x		100	114%	(50-150)	3.629	% (50)	06/01/08 19:20	
Surrogate(s): 4-BFB (FID)		Recovery:	90.5%	L	imits: 70-150%	"							06/01/08 19:20	
LCS Dup (8E30049-BSD2)								Extra	acted:	05/30/08 16	5:29			
Benzene	NWTPH Modified	2.30		0.100	mg/m³ Air	1x		2.00	115%	(50-150)	5.589	6 (50)	06/01/08 20:20	
Toluene	"	2.20		0.100	"			"	110%		8.08	<b>%</b> "	"	
Ethylbenzene	"	2.23		0.100	"			"	111%	"	6.829	6 "	"	
Xylenes (total)	"	6.73		0.200	"			6.00	112%	"	6.89	6 "	"	
Surrogate(s): 4-BFB (PID)		Recovery:	93.3%	L	imits: 75-125%	"							06/01/08 20:20	

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Sandra Yakamavich, Project Manager

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### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.47 Jennifer Yotz

Report Created: 06/13/08 15:31

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8E30049	Air Pre	paration M	ethod: EPA	5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits	) Analyzed	Notes
Duplicate (8E30049-DUP1)				QC Sourc	e: BRE0393-01			Extr	acted:	05/30/08 16	5:29			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x	ND				5.58%	(30)	06/01/08 16:49	
Gasoline Range Hydrocarbons	"	ND		10.0	mg/m³ Air		ND				5.58%	"		
Benzene (v/v)	"	ND		0.0308	ppmv		ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"		ND				33.5%			R4
Ethylbenzene (v/v)	"	ND		0.0227	"		ND				19.6%			
Xylenes, total (v/v)	"	ND		0.0454	"		0.0527				16.5%			
Benzene	"	ND		0.100	mg/m³ Air		ND				NR	"		
Toluene	"	ND		0.100	"		ND				33.5%	"		R4
Ethylbenzene	"	ND		0.100	"		ND				19.6%	"		
Xylenes (total)	"	ND		0.200	"	"	0.232				16.5%		"	
Surrogate(s): 4-BFB (FID)		Recovery:	87.8%	L	imits: 70-150%	"							06/01/08 16:49	
4-BFB (PID)			90.1%		75-125%	"							"	

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Sandra Gallamerich

Sandra Yakamavich, Project Manager





#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

O1CP.01396.47 Jennifer Yotz

5353 Westlake EFR

Report Created: 06/13/08 15:31

#### Notes and Definitions

#### Report Specific Notes:

DET

R4 Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

#### Laboratory Reporting Conventions:

- Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only. ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate). NR/NA _ Not Reported / Not Available Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight. dry Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet on a Wet Weight Basis. RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries). METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table. MRL
- MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. _ *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable.
- Electronic Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Signature Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

allamerch) Yakamavich, Project Manage



TestAmerica

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
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425-420-9200 FAX 420-9210 509-924-9200 FAX 924-9290 503-906-9200 FAX 906-9210 907-563-9200 FAX 563-9210

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THE LEADER IN ENVIRONMENTAL TESTING		CHAIN OF CUSTODY REPORT	Y REPORT		Work Or	der#:	Work Order #: 72 LEO 393	55
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June 13, 2008

Jennifer Yotz Secor-Redmond PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 06/05/08 10:40. The following list is a summary of the Work Orders contained in this report, generated on 06/13/08 17:54.

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

Work Order BRF0054 Project 5353 Westlake EFR <u>ProjectNumber</u> O1CP.01396.41/255353

TestAmerica Seattle

Hamevich Sandra Yakamavich, Project Manager





### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/13/08 17:54

# ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SVE-1	BRF0054-01	Air	06/05/08 08:55	06/05/08 10:40
SVE-2	BRF0054-02	Air	06/05/08 08:57	06/05/08 10:40
SVE-3	BRF0054-03	Air	06/05/08 08:59	06/05/08 10:40
SVE-4	BRF0054-04	Air	06/05/08 09:01	06/05/08 10:40
SVE-5	BRF0054-05	Air	06/05/08 09:03	06/05/08 10:40
SVE-6	BRF0054-06	Air	06/05/08 09:05	06/05/08 10:40
SVE-7	BRF0054-07	Air	06/05/08 09:07	06/05/08 10:40
SVE-8	BRF0054-08	Air	06/05/08 09:09	06/05/08 10:40
SVE-9	BRF0054-09	Air	06/05/08 09:11	06/05/08 10:40
SVE-10	BRF0054-10	Air	06/05/08 09:13	06/05/08 10:40
SVE-11	BRF0054-11	Air	06/05/08 09:15	06/05/08 10:40
SVE-12	BRF0054-12	Air	06/05/08 09:17	06/05/08 10:40
TOT INF	BRF0054-13	Air	06/05/08 08:14	06/05/08 10:40
MID	BRF0054-14	Air	06/05/08 08:10	06/05/08 10:40
TOT EFF	BRF0054-15	Air	06/05/08 08:05	06/05/08 10:40
WELLFIELD	BRF0054-16	Air	06/05/08 08:16	06/05/08 10:40

TestAmerica Seattle

Jacamerich

Sandra Yakamavich, Project Manager





### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name:53Project Number:O1Project Manager:Jei

5353 Westlake EFR O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/13/08 17:54

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0054-01 (SVE-1)		Air			Sampl	ed: 06/0	05/08 08:55			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 14:50	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"		
Benzene (v/v)	"	ND		0.0308	"	"	"	"		
Toluene (v/v)	"	ND		0.0261	"	"	"	"		
Ethylbenzene (v/v)		ND		0.0227	"	"	"			
Xylenes, total (v/v)	"	ND		0.0454	"	"	"		"	В
Benzene	"	ND		0.100	mg/m³ Air	"	"	"		
Toluene	"	ND		0.100	"	"	"		"	
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"	"	"		В
Surrogate(s): 4-BFB (FID)			85.5%		70 - 150 %	"			"	
4-BFB (PID)			103%		75 - 125 %	"			"	

BRF0054-02 (SVE-2)		Ai	r		Sampl	ed: 06/0	5/08 08:57			
Gasoline Range Hydrocarbons	NWTPH Modified	66.1		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 15:21	
Gasoline Range Hydrocarbons (v/v)	"	15.6		2.36	ppmv	"	"		"	
Benzene (v/v)	"	0.0605		0.0308	"	"	"			
Toluene (v/v)	"	ND		0.0261		"	"		"	
Ethylbenzene (v/v)	"	ND		0.0227		"	"	"	"	
Xylenes, total (v/v)	"	0.119		0.0454	"	"	"	"	"	A-01
Benzene	"	0.196		0.100	mg/m³ Air	"	"		"	
Toluene	"	ND		0.100	"	"	"		"	
Ethylbenzene	"	ND		0.100		"	"	"	"	
Xylenes (total)	"	0.525		0.200	"	"	"		"	A-01
Surrogate(s): 4-BFB (FID)			92.6%		70 - 150 %	"			"	
4-BFB (PID)			102%		75 - 125 %	"			"	

BRF0054-03 (SVE-3)		Air		Samp	led: 06/0	5/08 08:59			
Gasoline Range Hydrocarbons	NWTPH Modified	23.6	 10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 15:52	
Gasoline Range Hydrocarbons (v/v)	"	5.55	 2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND	 0.0308		"	"	"	"	
Toluene (v/v)	"	ND	 0.0261		"	"	"	"	
Ethylbenzene (v/v)	"	0.0391	 0.0227	"	"	"		"	
Xylenes, total (v/v)	"	0.494	 0.0454	"	"	"		"	A-01
Benzene	"	ND	 0.100	mg/m³ Air	"	"	"		
Toluene	"	ND	 0.100	"	"	"	"	"	
Ethylbenzene	"	0.172	 0.100	"	"	"		"	
Xylenes (total)	"	2.18	 0.200	"	"	"		"	A-01

TestAmerica Seattle

allamerich

Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain

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# Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/13/08 17:54

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B

			TestAn	nerica Se	attle					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0054-03 (SVE-3)		Air	r		Sampl	ed: 06/	05/08 08:59			
Surrogate(s): 4-BFB (FID) 4-BFB (PID)			82.6% 104%		70 - 150 % 75 - 125 %	1x "			06/07/08 15:52 "	
BRF0054-04 (SVE-4)		Air	r		Sampl	ed: 06/	05/08 09:01			
Gasoline Range Hydrocarbons	NWTPH Modified	12.3		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 16:23	
Gasoline Range Hydrocarbons (v/v)	"	2.89		2.36	ppmv	"	"	"	"	
Benzene (v/v)		ND		0.0308		"	"	"	"	
Toluene (v/v)		ND		0.0261	"	"	"			
Ethylbenzene (v/v)		ND		0.0227	"	"	"			
Xylenes, total (v/v)		ND		0.0454	"	"	"	"	"	В
Benzene		ND		0.100	mg/m³ Air	"	"	"	"	
Toluene		ND		0.100	"	"	"	"	"	
Ethylbenzene		ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"	"	"	"	В
Surrogate(s): 4-BFB (FID) 4-BFB (PID)			86.8% 104%		70 - 150 % 75 - 125 %	"			"	
BRF0054-05 (SVE-5)		Air	r		Sampl	ed: 06/	05/08 09:03			
Gasoline Range Hydrocarbons	NWTPH Modified	10.8		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 16:54	
Gasoline Range Hydrocarbons (v/v)	"	2.55		2.36	ppmv	"	"	"		
Benzene (v/v)	"	ND		0.0308		"	"	"	"	
Toluene (v/v)		ND		0.0261		"	"			
Ethylbenzene (v/v)		ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)		ND		0.0454		"	"		"	B
Benzene		ND		0.100	mg/m³ Air	"	"		"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200		"	"	"	"	B
Surrogate(s): 4-BFB (FID)			83.9%		70 - 150 %	"			"	
( D CD (D)										

4-BFB (PID)

TestAmerica Seattle

avament Sandra Yakamavich, Project Manager

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103%

75 - 125 %

"



### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: 53 Project Number: O Project Manager: Je

**5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/13/08 17:54

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0054-06 (SVE-6)		Air			Sampl	ed: 06/0	5/08 09:05			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 18:58	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"		
Benzene (v/v)	"	ND		0.0308	"	"	"	"		
Toluene (v/v)		ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"		
Xylenes, total (v/v)	"	ND		0.0454	"	"		"		В
Benzene	"	ND		0.100	mg/m³ Air	"	"	"		
Toluene	"	ND		0.100	"	"		"	"	
Ethylbenzene		ND		0.100	"	"			"	
Xylenes (total)	"	ND		0.200	"	"		"	"	В
Surrogate(s): 4-BFB (FID)			82.7%		70 - 150 %	"			"	
4-BFB (PID)			107%		75 - 125 %	"			"	

BRF0054-07 (SVE-7)		Air			Sample	ed: 06/0	5/08 09:07			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 19:30	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv		"	"	"	
Benzene (v/v)	"	ND		0.0308			"	"	"	
Toluene (v/v)	"	ND		0.0261	"		"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227			"	"	"	
Xylenes, total (v/v)	"	ND		0.0454			"	"	"	B4
Benzene	"	ND		0.100	mg/m³ Air		"	"	"	
Toluene	"	ND		0.100			"	"	"	
Ethylbenzene	"	ND		0.100			"	"	"	
Xylenes (total)	"	ND		0.200	"	"	"		"	B4
Surrogate(s): 4-BFB (FID)			83.3%		70 - 150 %	"			"	
4-BFB (PID)			105%		75 - 125 %	"			"	

BRF0054-08 (SVE-8)		Air		Samp	led: 06/0	5/08 09:09			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	 10.0	mg/m³ Air	lx	8F06014	06/06/08 11:09	06/07/08 20:01	
Gasoline Range Hydrocarbons (v/v)	"	ND	 2.36	ppmv		"	"		
Benzene (v/v)	"	ND	 0.0308	"		"	"		
Toluene (v/v)	"	ND	 0.0261	"		"	"		
Ethylbenzene (v/v)	"	ND	 0.0227	"		"	"		
Xylenes, total (v/v)	"	0.0909	 0.0454	"		"			A-01
Benzene	"	ND	 0.100	mg/m³ Air		"	"		
Toluene	"	ND	 0.100	"		"	"		
Ethylbenzene	"	ND	 0.100	"		"	"		
Xylenes (total)	"	0.401	 0.200	"	"	"	"		A-01

TestAmerica Seattle

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Sandra Yakamavich, Project Manager



Redmond, WA/USA 98073

Secor-Redmond	Project Name:	53
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	0

Project Name:5353 Westlake EFRProject Number:O1CP.01396.41/255353Project Manager:Jennifer Yotz

Report Created: 06/13/08 17:54

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0054-08 (SVE-8)		Air			Sampl	ed: 06/0	5/08 09:09			
Surrogate(s): 4-BFB (FID)			81.5%		70 - 150 %	lx			06/07/08 20:01	
4-BFB (PID)			106%		75 - 125 %	"			"	
BRF0054-09 (SVE-9)		Air			Sample	ed: 06/(	05/08 09:11			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 20:32	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"		
Benzene (v/v)	"	ND		0.0308	"	"	"	"		
Toluene (v/v)	"	ND		0.0261	"	"	"	"		
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"		
Xylenes, total (v/v)	"	ND		0.0454	"	"	"		"	F
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"	"		
Xylenes (total)	"	ND		0.200	"	"	"			F
Surrogate(s): 4-BFB (FID)			85.3%		70 - 150 %	"			"	
4-BFB (PID)			106%		75 - 125 %	"			"	
BRF0054-10 (SVE-10)		Air			Sample	ed: 06/(	05/08 09:13			
Gasoline Range Hydrocarbons	NWTPH Modified	127		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 21:03	
Gasoline Range Hydrocarbons (v/v)	"	29.9		2.36	ppmv	"	"	"		
Benzene (v/v)	"	0.187		0.0308	"	"	"	"		
Toluene (v/v)	"	0.142		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	0.0687		0.0227	"	"	"	"		
Xylenes, total (v/v)	"	0.512		0.0454	"	"	"	"	"	F
Benzene	"	0.606		0.100	mg/m³ Air	"		"		
Toluene	"	0.544		0.100	"	"	"			
Ethylbenzene	"	0.303		0.100	"	"	"			
Xylenes (total)	"	2.26		0.200	"	"	"	"	"	I
Surrogate(s): 4-BFB (FID)			87.7%		70 - 150 %	"			"	
8 0 0										

TestAmerica Seattle

Namerich Sandra Yakamavich, Project Manager





### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: 5 Project Number: 0 Project Manager: Je

**5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/13/08 17:54

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0054-11 (SVE-11)		Air			Sampl	ed: 06/0	5/08 09:15			
Gasoline Range Hydrocarbons	NWTPH Modified	10.4		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 21:34	
Gasoline Range Hydrocarbons (v/v)	"	2.44		2.36	ppmv	"	"	"		
Benzene (v/v)	"	ND		0.0308	"	"	"			
Toluene (v/v)	"	ND		0.0261	"	"	"			
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"			
Xylenes, total (v/v)	"	ND		0.0454	"	"	"			В
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"		"		В
Surrogate(s): 4-BFB (FID)			82.8%		70 - 150 %	"			"	
4-BFB (PID)			104%		75 - 125 %	"			"	

BRF0054-12 (SVE-12)		Ai	ir		Sampl	ed: 06/0	5/08 09:17			
Gasoline Range Hydrocarbons	NWTPH Modified	12.1		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 22:05	
Gasoline Range Hydrocarbons (v/v)	"	2.86		2.36	ppmv	"	"			
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	0.0733		0.0454	"	"	"		"	A-01
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	0.323		0.200	"	"	"	"		A-01
Surrogate(s): 4-BFB (FID)			83.8%		70 - 150 %	"			"	
4-BFB (PID)			104%		75 - 125 %	"			"	

BRF0054-13 (TOT INF)		Air		Samp	led: 06/0	5/08 08:14			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	 10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 13:48	
Gasoline Range Hydrocarbons (v/v)	"	ND	 2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND	 0.0308	"	"			"	
Toluene (v/v)	"	ND	 0.0261		"			"	
Ethylbenzene (v/v)	"	ND	 0.0227	"	"			"	
Xylenes, total (v/v)	"	ND	 0.0454	"	"	"		"	B4
Benzene	"	ND	 0.100	mg/m³ Air	"	"		"	
Toluene	"	ND	 0.100	"	"	"		"	
Ethylbenzene	"	ND	 0.100	"	"	"		"	
Xylenes (total)	"	ND	 0.200	"		"		"	B4

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Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain

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Redmond, WA/USA 98073

#### Secor-Redmond 5353 Westlake EFR Project Name: PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Project Number:

O1CP.01396.41/255353 Project Manager: Jennifer Yotz

Report Created: 06/13/08 17:54

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0054-13 (TOT INF)		Air			Sampl	ed: 06/0	05/08 08:14			
Surrogate(s): 4-BFB (FID)			85.7%		70 - 150 %	1x			06/07/08 13:48	
4-BFB (PID)			105%		75 - 125 %	"			"	
BRF0054-14 (MID)		Air			Sampl	ed: 06/(	05/08 08:10			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 13:17	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND		0.0308	"	"	"			
Toluene (v/v)	"	ND		0.0261	"	"	"			
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"			
Xylenes, total (v/v)	"	ND		0.0454	"	"	"	"	"	E
Benzene	"	ND		0.100	mg/m³ Air	"	"			
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"	"	"	"	E
Surrogate(s): 4-BFB (FID)			83.1%		70 - 150 %	"			"	
4-BFB (PID)			98.4%		75 - 125 %	"			"	
BRF0054-15 (TOT EFF)		Air			Sampl	ed: 06/(	05/08 08:05			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 12:46	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"	"	"	E
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND		0.100		"	"		"	
Ethylbenzene	"	ND		0.100	"	"	"		"	
Xylenes (total)	"	ND		0.200	"	"	"	"	"	E
Surrogate(s): 4-BFB (FID)			86.8%		70 - 150 %	"			"	
4-BFB (PID)			103%		75 - 125 %	"			"	

TestAmerica Seattle

allamerich Sandra Yakamavich, Project Manager





# Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

5353 Westlake EFR Project Name: Project Number: Project Manager:

O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/13/08 17:54

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0054-16 (WELLFIELD)		Air			Sampl	led: 06/(	)5/08 08:16			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F06014	06/06/08 11:09	06/07/08 14:19	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv		"	"		
Benzene (v/v)	"	ND		0.0308	"		"	"		
Toluene (v/v)	"	ND		0.0261			"			
Ethylbenzene (v/v)	"	ND		0.0227			"			
Xylenes, total (v/v)	"	ND		0.0454	"		"	"		
Benzene	"	ND		0.100	mg/m³ Air		"			
Toluene	"	ND		0.100	"		"	"		
Ethylbenzene	"	ND		0.100			"		"	
Xylenes (total)	"	ND		0.200	"	"	"	"		
Surrogate(s): 4-BFB (FID)			84.8%		70 - 150 %	"			"	
4-BFB (PID)			103%		75 - 125 %	"			"	

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auamerich)

Sandra Yakamavich, Project Manager





#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/13/08 17:54

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

Analyte	Method													
		Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8F06014-BLK1)								Extr	acted:	06/06/08 11	:09			
Gasoline Range Hydrocarbons (v/v)	NWTPH	ND		2.36	ppmv	1x							06/07/08 12:15	
Gasoline Range Hydrocarbons	Modified	ND		10.0	mg/m³ Air									
Benzene (v/v)	"	ND		0.0308	ppmv								"	
Toluene (v/v)	"	ND		0.0261	"								"	
Ethylbenzene (v/v)	"	ND		0.0227	"								"	
Xylenes, total (v/v)		ND		0.0454	"									В
Benzene		ND		0.100	mg/m³ Air									
Toluene	"	ND		0.100	"								"	
Ethylbenzene	"	ND		0.100	"								"	
Xylenes (total)		ND		0.200	"	"								В
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	85.7% 99.0%	L	imits: 70-150% 75-125%	"							06/07/08 12:15 "	
LCS (8F06014-BS1)								Extr	acted:	06/06/08 11	:09			
Gasoline Range Hydrocarbons	NWTPH Modified	83.0		10.0	mg/m³ Air	1x		100	83.0%	(50-150)			06/08/08 10:37	
Surrogate(s): 4-BFB (FID)		Recovery:	89.4%	L	imits: 70-150%	"							06/08/08 10:37	
LCS (8F06014-BS2)								Extr	acted:	06/06/08 11	:09			
Benzene	NWTPH Modified	1.83		0.100	mg/m³ Air	1x		2.00	91.3%	(50-150)			06/08/08 11:08	
Toluene	"	1.80		0.100	"			"	90.1%					
Ethylbenzene		1.80		0.100	"	"		"	90.0%					
Xylenes (total)	"	5.49		0.200	"			6.00	91.5%					
Surrogate(s): 4-BFB (PID)		Recovery:	109%	L	imits: 75-125%	"							06/08/08 11:08	
LCS Dup (8F06014-BSD1)								Extr	acted:	06/06/08 11	:09			
Gasoline Range Hydrocarbons	NWTPH Modified	82.6		10.0	mg/m³ Air	1x		100	82.6%	(50-150)	0.520	% (50)	06/08/08 10:06	
Surrogate(s): 4-BFB (FID)		Recovery:	85.2%	L	imits: 70-150%	"							06/08/08 10:06	
LCS Dup (8F06014-BSD2)								Extr	acted:	06/06/08 11	:09			
Benzene	NWTPH Modified	1.68		0.100	mg/m³ Air	1x		2.00	84.2%	(50-150)	8.09%	6 (50)	06/08/08 11:39	
Toluene	"	1.70		0.100	"			"	85.1%		5.72%	6 "	"	
Ethylbenzene	"	1.69		0.100	"			"	84.7%		6.00%	6 "	"	
Xylenes (total)	"	5.21		0.200	"			6.00	86.9%		5.18%	6 "	"	

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Sandra Yakamavich, Project Manager



#### Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/13/08 17:54

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8F06014	Air Pre	paration M	ethod: EPA	5030B (I	?/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	%∧ RPD	(Limits)	Analyzed	Notes
Duplicate (8F06014-DUP1)				QC Source	e: BRF0054-1	1		Extr	acted:	06/06/08 11	:09			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x	2.44				14.4%	(30)	06/07/08 22:36	
Gasoline Range Hydrocarbons	"	ND		10.0	mg/m³ Air	"	10.4				14.4%	"		
Benzene (v/v)		ND		0.0308	ppmv	"	ND				NR	"		
Toluene (v/v)		ND		0.0261		"	ND				NR	"		
Ethylbenzene (v/v)		ND		0.0227		"	ND				4.55%	"		
Xylenes, total (v/v)		ND		0.0454		"	ND				11.5%	"		
Benzene		ND		0.100	mg/m³ Air	"	ND				NR	"		
Toluene		ND		0.100		"	ND				NR	"		
Ethylbenzene		ND		0.100	"	"	ND				4.55%	"	"	
Xylenes (total)	"	ND		0.200	"	"	ND				11.5%	"		
Surrogate(s): 4-BFB (FID)		Recovery:	81.3%	L	imits: 70-150%	"							06/07/08 22:36	
4-BFB (PID)			106%		75-125%	ó "							"	
Duplicate (8F06014-DUP2)				QC Source	e: BRF0054-1	2		Extr	acted:	06/06/08 11	:09			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	12.1				26.9%	(30)	06/07/08 23:07	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	2.86				26.9%	"		
Benzene (v/v)		ND		0.0308		"	ND				NR	"		
Toluene (v/v)		ND		0.0261		"	ND				NR	"		
Ethylbenzene (v/v)		ND		0.0227		"	ND				11.8%	"		
Xylenes, total (v/v)	"	0.0746		0.0454	"	"	0.0733				1.66%	"		
Benzene	"	ND		0.100	mg/m³ Air	"	ND				NR	"		
Toluene	"	ND		0.100	"	"	ND				NR	"		
Ethylbenzene	"	ND		0.100	"	"	ND				11.8%	"	"	
Xylenes (total)	"	0.329		0.200	"	"	0.323				1.66%			
Surrogate(s): 4-BFB (FID)		Recovery:	82.3%	L	imits: 70-150%	"							06/07/08 23:07	

4-BFB (PID)

75-125% "

104%

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Sandra Yakamavich, Project Manager





# Secor-Redmond

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/13/08 17:54

# **Notes and Definitions**

Report Sp	oecit	ic Notes:
A-01	-	Analyte was detected in method blank above method acceptance criteria. Analyte concentration in the sample is greater than 2x the concentration found in the method blank.
B1	-	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
B4	-	Target analyte detected in blank at/above method acceptance criteria.
Laborator	y R	eporting Conventions:
DET	-	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND	-	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA	-	Not Reported / Not Available
dry	-	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet	-	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL	-	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL*	-	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil	-	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
Reporting Limits	-	Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
Electronic Signature	-	Electronic Signature added in accordance with TestAmerica's <i>Electronic Reporting and Electronic Signatures Policy</i> . Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

Sandra Gauamerich Sandra Yakamavich, Project Manager



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
11922 E. First Ave, Spokane, WA 99206-5302
509-924-9200 FAX 924-9290
9405 SW Nimbus Ave, Beaverton, OR 97008-7145
503-906-9200 FAX 906-9210
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119
907-563-9200 FAX 563-9210

		C	CHAIN OF CUSTODY REPORT	<b>IV REPORT</b>	F	Work Order#: BRF009	REDOG	+
CLIENT: KIRP RUDT	n=/ep		INVOICE TO:			TURNAROUN	<b>TURNAROUND REQUEST</b>	
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PHONE: 425 322 - 1000	FAX: 372. 1450		P.O. NUMBER:			STD. Petroleum Hydrocarbon Analyses	arbon Analyses	
PROJECT NAME: 255353 WEGTLANE	RETLAKE		PRESERVATIVE	ATIVE		5 4 3	2 1 <1	
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11922 E. First Ave, Spokane, WA 99206-5302
9405 SW Nimbus Ave, Beaverton, OR 97008-7145
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

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THE LEADER IN EN	VIR ,	Ŭ	CHAIN OF CUSTODY REPORT	<b>JY REPORT</b>	Work Order #: PLFCUS	PLFOUSI	- -
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ADDITIONAL REMARKS:							
							TAL-1000(0108)

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TestA	<b>TestAmerico</b>				11720 North Creel	11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 11922 E. First Ave, Spokane, WA 99206-5302 of the SW Nitrahue Are Bestremm, OR 070N2-7145	, WA 98011-8244 , WA 99206-5302 , OR 97008-7145	425-420-9200 F 509-924-9200 F 503-906-9200 F	FAX 420-9210 FAX 924-9290 FAX 906-9210	
THE LEADER IN EI	THE LEADER IN ENVIRONMENTAL TESTING	<b>–</b> 0			2000 W International Air	2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119	, AK 99502-1119		FAX 563-9210	
			CH	CHAIN OF CUSTODY REPORT	Y REPORT		Work Orden	Work Order #: DRF 1903-	1500	
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TAL-1000(0108)



June 27, 2008

Jennifer Yotz Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 06/12/08 17:00. The following list is a summary of the Work Orders contained in this report, generated on 06/19/08 15:45.

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

Work Order BRF0184 Project 5353 Westlake EFR <u>ProjectNumber</u> O1CP.01396.41/255353

TestAmerica Seattle

Hamevich Sandra Yakamavich, Project Manager





# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/19/08 15:45

# ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-88	BRF0184-01	Air	06/12/08 09:15	06/12/08 17:00
MW-48	BRF0184-02	Air	06/12/08 09:17	06/12/08 17:00
MW-88	BRF0184-03	Water	06/12/08 09:30	06/12/08 17:00
MW-48	BRF0184-04	Water	06/12/08 09:45	06/12/08 17:00
MW-88	BRF0184-05	Air	06/12/08 12:15	06/12/08 17:00
MW-48	BRF0184-06	Air	06/12/08 12:10	06/12/08 17:00
MW-88	BRF0184-07	Water	06/12/08 12:30	06/12/08 17:00
MW-48	BRF0184-08	Water	06/12/08 12:40	06/12/08 17:00

TestAmerica Seattle

Sandra Jacamerich

Sandra Yakamavich, Project Manager





Redmond, WA/USA 98073

Stantec
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)

5353 Westlake EFR
O1CP.01396.41/255353
Jennifer Yotz

Report Created: 06/19/08 15:45

### Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B TestAmerica Seattle

Project Name:

Project Number:

Project Manager:

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0184-03 (MW-88)		W٤	nter		Sample	ed: 06/1	12/08 09:30			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	821		50.0	ug/l	1x	8F15001	06/15/08 09:02	06/16/08 03:23	
Benzene	"	0.886		0.500	"	"	"		"	
Toluene	"	ND		0.500	"	"	"	"	"	
Ethylbenzene	"	18.4		0.500	"	"	"			
Xylenes (total)	"	49.3		1.00	"	"		"	"	
Surrogate(s): 4-BFB (FID)			96.0%		58 - 144 %	"			"	
4-BFB (PID)			104%		68 - 140 %	"			"	
BRF0184-04 (MW-48)		Wa	iter		Sample	ed: 06/1	12/08 09:45			

(					1					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	91.6		50.0	ug/l	1x	8F15001	06/15/08 09:02	06/15/08 23:34	
Benzene	"	ND		0.500	"		"		"	
Toluene	"	ND		0.500	"		"		"	
Ethylbenzene	"	1.40		0.500	"	"	"		"	
Xylenes (total)	"	2.55		1.00	"		"	"	"	
Surrogate(s): 4-BFB (FID)			88.7%		58 - 144 %	"			"	
4-BFB (PID)			99.4%		68 - 140 %	"			"	

BRF0184-07 (MW-88)		Wa	iter		Sample	ed: 06/1	2/08 12:30			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	1620		50.0	ug/l	1x	8F15001	06/15/08 09:02	06/16/08 03:55	
Benzene	"	1.22		0.500	"	"	"		"	
Toluene	"	ND		0.500	"	"	"		"	
Ethylbenzene	"	29.9		0.500	"		"		"	
Xylenes (total)	"	72.1		1.00	"	"	"		"	
Surrogate(s): 4-BFB (FID)			102%		58 - 144 %	"			"	
4-BFB (PID)			106%		68 - 140 %	"			"	

BRF0184-08 (MW-48)		Wa	iter		Sample	ed: 06/1	2/08 12:40		
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	182		50.0	ug/l	1x	8F15001	06/15/08 09:02	06/16/08 02:50
Benzene	"	0.601		0.500	"	"	"		"
Toluene	"	ND		0.500	"	"	"		"
Ethylbenzene	"	4.02		0.500	"				"
Xylenes (total)	"	8.84		1.00	"	"		"	"
Surrogate(s): 4-BFB (FID)			89.2%		58 - 144 %	"			"
4-BFB (PID)			100%		68 - 140 %	"			"

TestAmerica Seattle

ausmarich

Sandra Yakamavich, Project Manager

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# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: 535 Project Number: O1C Project Manager: Jenr

**5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/19/08 15:45

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0184-01 (MW-88)		Air			Sampl	led: 06/1	2/08 09:15			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F13030	06/13/08 14:35	06/13/08 18:58	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv		"		"	
Benzene (v/v)	"	ND		0.0308	"		"	"		
Toluene (v/v)	"	ND		0.0261	"		"		"	
Ethylbenzene (v/v)	"	ND		0.0227	"		"	"		
Xylenes, total (v/v)	"	ND		0.0454			"		"	
Benzene	"	ND		0.100	mg/m³ Air		"	"		
Toluene	"	ND		0.100			"		"	
Ethylbenzene	"	ND		0.100			"			
Xylenes (total)		ND		0.200		"		"		
Surrogate(s): 4-BFB (FID)			85.2%		70 - 150 %	"			"	
4-BFB (PID)			108%		75 - 125 %	"			"	

BRF0184-02 (MW-48)		Air			Sample	ed: 06/1	2/08 09:17			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F13030	06/13/08 14:35	06/13/08 19:58	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308		"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND		0.0227		"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454		"	"	"	"	
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND		0.100		"	"	"	"	
Ethylbenzene	"	ND		0.100		"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			85.1%		70 - 150 %	"			"	
4-BFB (PID)			107%		75 - 125 %	"			"	

BRF0184-05 (MW-88)		Air		Samp	led: 06/1	2/08 12:15			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	 10.0	mg/m³ Air	1x	8F13030	06/13/08 14:35	06/13/08 20:28	
Gasoline Range Hydrocarbons (v/v)	"	ND	 2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND	 0.0308					"	
Toluene (v/v)	"	ND	 0.0261		"	"		"	
Ethylbenzene (v/v)	"	ND	 0.0227		"	"		"	
Xylenes, total (v/v)	"	ND	 0.0454		"	"		"	
Benzene	"	ND	 0.100	mg/m³ Air		"		"	
Toluene	"	ND	 0.100			"		"	
Ethylbenzene	"	ND	 0.100		"	"		"	
Xylenes (total)	"	ND	 0.200			"		"	

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Sandra Yakamavich, Project Manager

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Stantec	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.41/255353	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	06/19/08 15:45

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0184-05 (MW-88)		Air			Sampl	ed: 06/1	2/08 12:15			
Surrogate(s): 4-BFB (FID)			82.5%		70 - 150 %	1x			06/13/08 20:28	
4-BFB (PID)			108%		75 - 125 %	"			"	
BRF0184-06 (MW-48)		Air			Sampl	ed: 06/1	2/08 12:10			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F13030	06/13/08 14:35	06/13/08 20:58	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)		ND		0.0261	"	"	"		"	
Ethylbenzene (v/v)		ND		0.0227	"	"	"		"	
Xylenes, total $(v/v)$		ND		0.0454	"	"	"		"	
Benzene		ND		0.100	mg/m³ Air	"	"		"	
Toluene		ND		0.100	"	"	"		"	
Ethylbenzene		ND		0.100	"	"	"		"	
Xylenes (total)	"	ND		0.200		"		"		
Surrogate(s): 4-BFB (FID)			88.1%		70 - 150 %	"			"	
4-BFB (PID)			108%		75 - 125 %	"			"	

TestAmerica Seattle

Warnevich

Sandra Yakamavich, Project Manager





	12034 - (134th C A/USA 98073	Ct NE Ste 102, zij	98052)		Project Nar Project Nur Project Mar	nber:		estlake 1396.41/2 Yotz						Report Create 06/19/08 15:-	
Gaso	line Hydrocarl	bons (Benzene	to Naphth		BTEX by TestAmeri			EPA 80	21B -	Labo	ratory (	Qualit	y Conti	rol Results	
QC Batch	: 8F15001	Water P	reparation	Method: 1	EPA 5030B	<b>B (P/T)</b>									
Analyte		Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8F1500	1-BLK1)								Extr	acted:	06/15/08 09	:02			
Gasoline Range Hydro	ocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x							06/15/08 12:37	
Benzene		8021B "	ND		0.500									"	
Toluene		"	ND		0.500									"	
Ethylbenzene		"	ND		0.500									"	
Xylenes (total)		"	ND		1.00									"	
Surrogate(s):	4-BFB (FID) 4-BFB (PID)		Recovery:	91.3% 98.1%	Lii	mits: 58-14 68-14								06/15/08 12:37 "	
LCS (8F15001-	BS1)								Extr	acted:	06/15/08 09	:02			
Gasoline Range Hydro		NWTPH-Gx/ 8021B	1020		50.0	ug/l	1x		1000	102%	(80-120)			06/15/08 13:09	
Surrogate(s):	4-BFB (FID)	00210	Recovery:	93.2%	Lii	mits: 58-14	4% "							06/15/08 13:09	
LCS (8F15001-	BS2)								Extr	acted:	06/15/08 09	:02			
Benzene		NWTPH-Gx/ 8021B	27.3		0.500	ug/l	1x		30.0	91.0%	(80-120)			06/15/08 13:42	
Toluene		"	28.2		0.500	"	"		"	93.8%	"				
Ethylbenzene			29.2		0.500	"	"		"	97.4%	"				
Xylenes (total)		"	85.0		1.00	"	"		90.0	94.5%	"			"	
Surrogate(s):	4-BFB (PID)		Recovery:	97.2%	Lii	mits: 68-14	0% "							06/15/08 13:42	
Duplicate (8F1	5001-DUP1)				QC Source	: BRF0189	0-03		Extr	acted:	06/15/08 09	:02			
Gasoline Range Hydro	ocarbons	NWTPH-Gx/ 8021B	412		50.0	ug/l	1x	451				9.04%	(25)	06/15/08 14:48	
Benzene		"	4.78		0.500	"	"	5.35				11.2%	"	"	
Toluene		"	ND		0.500			ND				38.3%	"	"	F
Ethylbenzene		"	6.45		0.500	"	"	7.25				11.7%	"		
Xylenes (total)		"	ND		1.00			ND				32.5%	"	"	R
Surrogate(s):	4-BFB (FID) 4-BFB (PID)		Recovery:	117% 108%	Lii	mits: 58-14 68-14								06/15/08 14:48 "	
Duplicate (8F1	5001-DUP2)				QC Source	: BRF0189	0-02		Extr	acted:	06/15/08 09	:02			
Gasoline Range Hydro		NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				13.2%	(25)	06/15/08 15:54	
Benzene		"	ND		0.500	"		ND				NR	"	"	
Toluene		"	ND		0.500	"		ND				NR	"	"	
Ethylbenzene		"	ND		0.500			ND				1.69%	"	"	
Xylenes (total)		"	ND		1.00			ND				2.47%	"	"	
	4-BFB (FID) 4-BFB (PID)		Recovery:	87.8% 99.5%	Lii	mits: 58-14 68-14								06/15/08 15:54 "	

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Stantec				Project Nan	ne:	5353 W	Vestlake	EFR						
PO Box 230, 12034 - (134th C	t NE Ste 102, zij	98052)		Project Nur	nber:	01CP.0	1396.41/2	55353					Report Create	ed:
Redmond, WA/USA 98073				Project Mar	nager:	Jennifer	Yotz						06/19/08 15	:45
Gasoline Hydrocarb	ons (Benzene 1	to Naphth	alene) and	BTEX by TestAmeri		-G and	I EPA 80	21B -	Labo	oratory	Quali	ty Con	trol Results	
QC Batch: 8F15001	Water P	reparation	Method:	EPA 5030B	(P/T)									
Analyte	Method	Result	MDL	* MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Matrix Spike (8F15001-MS1)				QC Source:	BRF0189-	)3		Extr	acted:	06/15/08 09	9:02			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1490		50.0	ug/l	1x	451	1000	104%	(75-131)			06/15/08 16:59	
Surrogate(s): 4-BFB (FID)		Recovery:	123%	Lin	nits: 58-1449	6 "							06/15/08 16:59	
Matrix Spike (8F15001-MS2)				QC Source:	BRF0189-	)3		Extr	acted:	06/15/08 09	9:02			
Benzene	NWTPH-Gx/ 8021B	35.5		0.500	ug/l	1x	5.35	30.0	100%	(46-130)			06/16/08 00:07	
Toluene	"	32.8		0.500		"	0.171	"	109%	(60-124)			"	
Ethylbenzene	"	39.9		0.500		"	7.25	"	109%	(56-141)			"	
Xylenes (total)	"	99.6		1.00		"	0.883	90.0	110%	(66-132)			"	
Surrogate(s): 4-BFB (PID)		Recovery:	108%	Lin	nits: 68-1409	6 "							06/16/08 00:07	
Matrix Spike Dup (8F15001-MS	SD1)			QC Source:	BRF0189-	)3		Extr	acted:	06/15/08 09	9:02			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1370		50.0	ug/l	1x	451	1000	91.5%	(75-131)	8.59%	6 (25)	06/15/08 17:32	
Surrogate(s): 4-BFB (FID)		Recovery:	120%	Lin	nits: 58-1449	6 "							06/15/08 17:32	
Matrix Spike Dup (8F15001-MS	SD2)			QC Source:	BRF0189-	)3		Extr	acted:	06/15/08 09	9:02			
Benzene	NWTPH-Gx/ 8021B	33.7		0.500	ug/l	1x	5.35	30.0	94.5%	(46-130)	5.05%	6 (40)	06/16/08 00:39	
Toluene	"	30.9		0.500	"	"	0.171	"	102%	(60-124)	5.88%	6 "	"	
Ethylbenzene	"	37.1		0.500	"	"	7.25	"	99.5%	(56-141)	7.25%	6 "	"	
Xylenes (total)	"	92.5		1.00			0.883	90.0	102%	(66-132)	7.38%	6 "	"	

Surrogate(s): 4-BFB (PID)

Recovery: 107% Limits: 68-140%

"

06/16/08 00:39

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Sandra Javamerich

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Sandra Yakamavich, Project Manager



# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

**5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/19/08 15:45

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

Method	Result	MDL*	MDI			_	~ "						
			MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Note
							Extr	acted:	06/13/08 14	:35			
NWTPH	ND		2.36	ppmv	1x							06/13/08 16:14	
Modified	ND		10.0	mg/m³ Air									
	ND		0.0308	ppmv									
	ND		0.0261	"									
	ND		0.0227	"									
	ND		0.0454	"	"								
	ND		0.100	mg/m³ Air	"								
	ND		0.100	"									
	ND		0.100	"	"								
"	ND		0.200	"	"							"	
	Recovery:	85.3% 104%	L		"							06/13/08 16:14 "	
							Extr	acted:	06/13/08 14	:35			
NWTPH Modified	87.6		10.0	mg/m³ Air	1x		100	87.6%	(50-150)			06/13/08 16:58	
	Recovery:	85.5%	L	imits: 70-150%	"							06/13/08 16:58	
							Extr	acted:	06/13/08 14	:35			
NWTPH Modified	1.97		0.100	mg/m³ Air	1x		2.00	98.3%	(50-150)			06/13/08 17:58	
"	1.94		0.100	"	"		"	97.1%					
	1.92		0.100	"	"		"	95.9%					
	5.79		0.200	"			6.00	96.6%	"				
	Recovery:	109%	L	imits: 75-125%	"							06/13/08 17:58	
							Extr	acted:	06/13/08 14	:35			
NWTPH Modified	87.7		10.0	mg/m³ Air	1x		100	87.7%	(50-150)	0.100	% (50)	06/13/08 17:28	
	Recovery:	94.2%	L	imits: 70-150%	"							06/13/08 17:28	
							Extr	acted:	06/13/08 14	:35			
NWTPH Modified	1.81		0.100	mg/m³ Air	1x		2.00	90.4%	(50-150)	8.40%	6 (50)	06/13/08 18:28	
"	1.79		0.100	"			"	89.3%		8.37%	6 "	"	
"	1.79		0.100	"			"	89.4%	"	7.02%	6 "	"	
"	5.37		0.200	"			6.00	89.5%	"	7.58%	6 "	"	
	Modified NWTPH Modified " " " NWTPH Modified "	"     ND       NWTPH     87.6       Modified     Recovery:       "     1.94       "     1.92       "     5.79       Recovery:     Recovery:       NWTPH     87.7       Modified     Recovery:       NWTPH     87.7       Modified     1.79       "     1.79       "     1.79       "     1.79       "     1.79       "     5.37	"     ND        Modified     87.6        "     1.94        "     1.94        "     1.94        "     1.94        "     1.94        "     1.94        "     1.94        "     1.94        "     1.94        "     1.94        "     9.42%	"     ND      0.0221       "     ND      0.0454       "     ND      0.0100       "     ND      0.100       "     ND      0.100       "     ND      0.100       "     ND      0.100       "     ND      0.200       Recovery:     85.3%     L     L       NWTPH     87.6      10.0       Modified     1.94      0.100       "     1.92      0.100       "     1.92      0.100       "     1.92      0.100       "     1.92      0.200       Recovery:     109%     L       NWTPH     87.7      0.200       NWTPH     1.81      0.100       "     1.79      0.100   "     1.79	"     ND      0.0261     "       "     ND      0.0227     "       "     ND      0.0454     "       "     ND      0.100     mg/m³ Air       "     ND      0.100     "       "     ND      0.100     "       "     ND      0.100     "       "     ND      0.100     "       "     ND      0.200     "       Recovery:     85.3%     Limits: 70-150%     75-125%       NWTPH     1.97      0.100     mg/m³ Air       Modified     1.94      0.100     "       "     1.92      0.100     "       "     1.92      0.100     "       "     1.92      0.100     "       "     5.79      0.100     "       Modified <t< td=""><td>"     ND      0.0261     "     "       "     ND      0.0227     "     "       "     ND      0.0454     "     "       "     ND      0.0454     "     "       "     ND      0.100     mg/m³ Air     "       "     ND      0.100     "     "       "     ND      0.100     "     "       "     ND      0.100     "     "       "     ND      0.200     "     "       Modified      10.0     mg/m³ Air     1x       Modified     1.97      0.100     "     "       "     1.92      0.100     "     "       "     1.92      0.100     "     "       "     1.92      0.200     "     "       Modified     1</td><td>"     ND      0.0261     "        "     ND      0.0227     "        "     ND      0.0227     "        "     ND      0.0454     "        "     ND      0.100     mg/m³ Air        "     ND      0.100     "        "     ND      0.100     "        "     ND      0.200     "        "     ND      0.200     "        "     ND      0.200     "        Modified     87.6      10.0     mg/m³ Air     1x        "     1.94      0.100     "         "     1.92      0.200     "         "     5.79      0.200     "&lt;</td><td>"   ND    0.0261   "       "   ND    0.0227   "   "      "   ND    0.00454   "   "      "   ND    0.100   mg/m³ Air   "      "   ND    0.100   "   "      "   ND    0.100   "   "      "   ND    0.100   "   "      "   ND    0.200   "   "      "   ND    0.200   "   "      "   ND    0.200   "   "      Modified   87.6    10.0   mg/m³ Air   Ix    100     Modified   1.97    0.100   mg/m³ Air   Ix   -   2.00     "   1.92    0.100   "   "   -   "     "</td><td>"   ND    0.0261   "   "       "   ND    0.0227   "   "       "   ND    0.0454   "   "       "   ND    0.000   "   "       "   ND    0.100   "   "       "   ND    0.100   "   "  </td><td>"   ND    0.0261   "        "   ND    0.0454   "   "        "   ND    0.0454   "   "         "   ND    0.100   mg/m² Air   "         "   ND    0.100   "   "          "   ND    0.100   "   "                                                     </td><td>"   ND    0.0261   "                                                                                                            </td><td>"   ND    0.0261   "                                                                                  </td><td>***   ND    0.0261   **                                                                                           </td></t<>	"     ND      0.0261     "     "       "     ND      0.0227     "     "       "     ND      0.0454     "     "       "     ND      0.0454     "     "       "     ND      0.100     mg/m³ Air     "       "     ND      0.100     "     "       "     ND      0.100     "     "       "     ND      0.100     "     "       "     ND      0.200     "     "       Modified      10.0     mg/m³ Air     1x       Modified     1.97      0.100     "     "       "     1.92      0.100     "     "       "     1.92      0.100     "     "       "     1.92      0.200     "     "       Modified     1	"     ND      0.0261     "        "     ND      0.0227     "        "     ND      0.0227     "        "     ND      0.0454     "        "     ND      0.100     mg/m³ Air        "     ND      0.100     "        "     ND      0.100     "        "     ND      0.200     "        "     ND      0.200     "        "     ND      0.200     "        Modified     87.6      10.0     mg/m³ Air     1x        "     1.94      0.100     "         "     1.92      0.200     "         "     5.79      0.200     "<	"   ND    0.0261   "       "   ND    0.0227   "   "      "   ND    0.00454   "   "      "   ND    0.100   mg/m³ Air   "      "   ND    0.100   "   "      "   ND    0.100   "   "      "   ND    0.100   "   "      "   ND    0.200   "   "      "   ND    0.200   "   "      "   ND    0.200   "   "      Modified   87.6    10.0   mg/m³ Air   Ix    100     Modified   1.97    0.100   mg/m³ Air   Ix   -   2.00     "   1.92    0.100   "   "   -   "     "	"   ND    0.0261   "   "       "   ND    0.0227   "   "       "   ND    0.0454   "   "       "   ND    0.000   "   "       "   ND    0.100   "   "       "   ND    0.100   "   "	"   ND    0.0261   "        "   ND    0.0454   "   "        "   ND    0.0454   "   "         "   ND    0.100   mg/m² Air   "         "   ND    0.100   "   "          "   ND    0.100   "   "	"   ND    0.0261   "	"   ND    0.0261   "	***   ND    0.0261   **

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# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

**5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 06/19/08 15:45

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8F13030	Air Pre	paration M	ethod: EPA	5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits	) Analyzed	Notes
Duplicate (8F13030-DUP1)				QC Sourc	e: BRF0184-01			Extr	acted:	06/13/08 14	1:35			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	ND				NR	(30)	06/13/08 19:28	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	ND				NR	"	"	
Benzene (v/v)	"	ND		0.0308			ND				NR	"		
Toluene (v/v)	"	ND		0.0261	"	"	ND				NR	"		
Ethylbenzene (v/v)	"	ND		0.0227	"	"	ND				109%	"		R4
Xylenes, total (v/v)	"	ND		0.0454	"	"	ND				78.8%			R4
Benzene	"	ND		0.100	mg/m³ Air	"	ND				NR	"		
Toluene	"	ND		0.100		"	ND				NR			
Ethylbenzene	"	ND		0.100		"	ND				109%			R4
Xylenes (total)	"	ND		0.200	"	"	ND				78.8%	"	"	R4
Surrogate(s): 4-BFB (FID)		Recovery:	84.4%	I	imits: 70-150%	"							06/13/08 19:28	
4-BFB (PID)			108%		75-125%	"							"	

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Sandra Jacamerich

Sandra Yakamavich, Project Manager





Stantec	Project Name:	5353 Westlake EFR
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.41/255353
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz

Report Created: 06/19/08 15:45

#### Notes and Definitions

#### Report Specific Notes:

R4 Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

#### Laboratory Reporting Conventions:

- DET Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only. ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate). NR/NA _ Not Reported / Not Available
- Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight. dry
- Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet on a Wet Weight Basis.
- RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table. MRL
- MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. _ *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable.
- Electronic Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Signature Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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avament Yakamavich, Project Manager



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11922 E. First Ave, Spokane, WA 99206-5302
9405 SW Nimbus Ave, Beaverton, OR 97008-7145
2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

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July 03, 2008

Jennifer Yotz Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 06/26/08 16:45. The following list is a summary of the Work Orders contained in this report, generated on 07/03/08 16:12.

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

Work Order BRF0390 Project 5353 Westlake EFR ProjectNumber O1CP.01396.43

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Hamevich Sandra Yakamavich, Project Manager





# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

**5353 Westlake EFR** O1CP.01396.43 Jennifer Yotz

Report Created: 07/03/08 16:12

# ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	
EFR-1	BRF0390-01	Water	06/26/08 14:35	06/26/08 16:45	
EFR-2	BRF0390-02	Water	06/26/08 14:39	06/26/08 16:45	
EFR-3	BRF0390-03	Water	06/26/08 14:42	06/26/08 16:45	
MW-88	BRF0390-04	Water	06/26/08 14:46	06/26/08 16:45	
MW-48	BRF0390-05	Water	06/26/08 14:49	06/26/08 16:45	
MW-65	BRF0390-06	Water	06/26/08 14:52	06/26/08 16:45	

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Sandra Yakamavich, Project Manager





Stantec	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.43	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/03/08 16:12

# Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B

			TestAm		-					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0390-01 (EFR-1)		Water Sampled: 06/26/08 14:35								
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND		50.0	ug/l	1x	8F29006	06/29/08 11:23	06/30/08 02:59	
Benzene	"	ND		0.500	"	"	"			
Toluene	"	ND		0.500	"	"	"	"		
Ethylbenzene	"	1.06		0.500	"	"	"	"	"	
Xylenes (total)	"	2.28		1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			89.4%		58 - 144 %	"			"	
4-BFB (PID)			101%		68 - 140 %	"			"	
BRF0390-02 (EFR-2)		Water		Sampled: 06/26/08 14:39						
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	4340		50.0	ug/l	1x	8F29006	06/29/08 11:23	06/30/08 06:16	
Benzene	"	20.8		0.500		"	"	"		
Toluene	"	3.06		0.500	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			185%		58 - 144 %	"			"	ZX
4-BFB (PID)			140%		68 - 140 %	"			"	
BRF0390-02RE1 (EFR-2)		Wa	Water		Sampled: 06/26/08 14:39					
Ethylbenzene	NWTPH-Gx/802 1B	284		5.00	ug/l	10x	8F29006	06/29/08 11:23	06/30/08 10:06	
Xylenes (total)	"	729		10.0		"	"		"	
Surrogate(s): 4-BFB (FID)			99.3%		58 - 144 %	1x			"	
4-BFB (PID)			105%		68 - 140 %	"			"	
BRF0390-03 (EFR-3)		Wa	Water		Sampled: 06/26/08 14:42					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	2850		50.0	ug/l	1x	8F29006	06/29/08 11:23	06/30/08 06:49	
Benzene	"	13.7		0.500		"	"	"	"	
Toluene	"	2.04		0.500	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			151%		58 - 144 %	"			"	ZX
4-BFB (PID)			127%		68 - 140 %	"			"	
BRF0390-03RE1 (EFR-3)		Wa	ater		Sample	ed: 06/2	26/08 14:42			
Ethylbenzene	NWTPH-Gx/802 1B	190		5.00	ug/l	10x	8F29006	06/29/08 11:23	06/30/08 10:39	
Xylenes (total)	"	498		10.0		"		"	"	
Surrogate(s): 4-BFB (FID)			97.3%		58 - 144 %	<i>1x</i>			"	
4-BFB (PID)			104%		68 - 140 %	"			"	

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Sandra Yakamavich, Project Manager


Stantec	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.43	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/03/08 16:12

# Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B

			TestAm	erica Sea	attle					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0390-04 (MW-88)		W	ater		Sampl	ed: 06/2	26/08 14:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	2600		50.0	ug/l	1x	8F29006	06/29/08 11:23	06/30/08 07:22	
Benzene	"	3.40		0.500	"	"	"	"		
Toluene	"	0.667		0.500	"	"	"	"		
Ethylbenzene	"	75.7		0.500	"	"	"	"	"	
Xylenes (total)	"	224		1.00	"	"	"			
Surrogate(s): 4-BFB (FID)			123%		58 - 144 %	"			"	
4-BFB (PID)			117%		68 - 140 %	"			"	
BRF0390-05 (MW-48)		W	ater		Sampl	ed: 06/2	26/08 14:49			
Benzene	NWTPH-Gx/802 1B	34.3		0.500	ug/l	1x	8F29006	06/29/08 11:23	06/30/08 07:55	
Toluene	"	4.98		0.500	"	"	"			
Surrogate(s): 4-BFB (FID)			243%		58 - 144 %	"			"	Z
4-BFB (PID)			161%		68 - 140 %	"			"	Z
BRF0390-05RE1 (MW-48)		W	ater		Sampl	ed: 06/2	26/08 14:49			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	6750		500	ug/l	10x	8F29006	06/29/08 11:23	06/30/08 11:12	
Ethylbenzene	"	463		5.00	"	"	"			
Xylenes (total)	"	1170		10.0	"	"	"			
Surrogate(s): 4-BFB (FID)			105%		58 - 144 %	<i>1x</i>			"	

Surrogate(s): 4-BFB (FID) 4-BFB (PID)

BRF0390-06 (MW-65)		Wa	iter		Sampl	ed: 06/2	6/08 14:52		
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	1120		50.0	ug/l	1x	8F29006	06/29/08 11:23	06/30/08 08:28
Benzene	"	4.99		0.500	"		"	"	"
Toluene	"	0.755		0.500	"	"	"	"	
Ethylbenzene	"	67.7		0.500	"	"	"	"	
Xylenes (total)	"	176		1.00	"	"	"		"
Surrogate(s): 4-BFB (FID)			115%		58 - 144 %	"			"
4-BFB (PID)			111%		68 - 140 %	"			"

107%

68 - 140 %

"

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Warnevich Sandra Yakamavich, Project Manager





<b>Stantec</b> PO Box 230, 12034 - (134th C Bodmond, WA/USA, 09072	Ct NE Ste 102, zij	p 98052)		Project Nar Project Nur Project Mar	nber:	5353 W O1CP.0 Jennifer		EFR					Report Create 07/03/08 16:	
Redmond, WA/USA 98073				Floject Mai	liagei.	Jenniter	TOLZ						07/03/08 10.	12
Gasoline Hydrocark	oons (Benzene	to Naphth	alene) and	BTEX by TestAmeri			EPA 80	21B -	Labo	oratory (	Qualit	y Con	trol Results	
QC Batch: 8F29006	Water I	Preparation	Method:											
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limit	s) Analyzed	Notes
Blank (8F29006-BLK1)								Extr	acted:	06/29/08 11	:23			
Gasoline Range Hydrocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x							06/29/08 16:36	
Benzene	8021B "	ND		0.500										
Toluene		ND		0.500		"								
Ethylbenzene		ND		0.500		"								
Xylenes (total)		ND		1.00		"							"	
Surrogate(s): 4-BFB (FID)		Recovery:	89.0%	Lir	nits: 58-144								06/29/08 16:36	
4-BFB (PID)			99.6%		68-14	0% "							"	
LCS (8F29006-BS1)								Extr	acted:	06/29/08 11	:23			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	910		50.0	ug/l	1x		1000	91.0%	(80-120)			06/29/08 17:09	
Surrogate(s): 4-BFB (FID)	002115	Recovery:	97.9%	Lir	nits: 58-144	1% "							06/29/08 17:09	
LCS (8F29006-BS2)								Extr	acted:	06/29/08 11	:23			
Benzene	NWTPH-Gx/ 8021B	29.0		0.500	ug/l	1x		30.0	96.6%	(80-120)			06/29/08 17:41	
Toluene	"	29.7		0.500	"			"	98.9%	"				
Ethylbenzene		29.6		0.500				"	98.6%	"				
Xylenes (total)		89.2		1.00	"			90.0	99.1%	"			"	
Surrogate(s): 4-BFB (PID)		Recovery:	99.8%	Lir	nits: 68-140	)% "							06/29/08 17:41	
Duplicate (8F29006-DUP1)				QC Source:	BRF0386	-02		Extr	acted:	06/29/08 11	:23			
Gasoline Range Hydrocarbons	NWTPH-Gx/	932		50.0	ug/l	1x	946				1.48%	(25)	06/29/08 18:47	
Benzene	8021B "	6.94		0.500			7.02				1.02%	"		
Toluene		0.861		0.500	"		0.911				5.64%	"		
Ethylbenzene		1.16		0.500			1.24				6.09%	"		
Xylenes (total)	"	ND		1.00			ND				12.4%	"		
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	150% 125%	Lin	nits: 58-144 68-14								<i>06/29/08 18:47</i> "	Z
Duplicate (8F29006-DUP2)				QC Source:	: BRF0386	-03		Extr	acted:	06/29/08 11	:23			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1020		50.0	ug/l	1x	1060				4.13%	(25)	06/29/08 19:53	
Benzene	"	7.03		0.500		"	7.10				1.03%	"		
Toluene		0.513		0.500	"		0.526				2.50%	"		
Ethylbenzene		37.9		0.500			38.4				1.40%	"		
Xylenes (total)		76.6		1.00		"	77.3				0.909%	ó "		
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	151% 125%	Lir	nits: 58-144 68-14								06/29/08 19:53 "	Z
× *														

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PO Box 230, 12034 - (134th C	i ne sie 102, zij	98052)		Project Man		ennifer							07/03/08 16:	
Redmond, WA/USA 98073				Project Man	ager: .	enniter	Y OTZ						0//03/08 16:	12
Gasoline Hydrocarb	ons (Benzene	to Naphth	alene) and	BTEX by		-G and	I EPA 80	21B -	Labo	oratory (	Qualit	ty Cont	trol Results	
QC Batch: 8F29006	Water P	reparation	Method: 1											
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits	) Analyzed	Notes
Matrix Spike (8F29006-MS1)				QC Source:	BRF0386-0	7		Extr	acted:	06/29/08 11	:23			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	3020		50.0	ug/l	1x	1970	1000	105%	(75-131)			06/29/08 20:25	
Surrogate(s): 4-BFB (FID)		Recovery:	116%	Lin	nits: 58-144%	ó "							06/29/08 20:25	
Matrix Spike (8F29006-MS2)				QC Source:	BRF0386-0	7		Extr	acted:	06/29/08 11	:23			
Benzene	NWTPH-Gx/ 8021B	33.8		0.500	ug/l	1x	2.13	30.0	106%	(46-130)			06/30/08 03:32	
Toluene	"	33.1		0.500			1.08	"	107%	(60-124)				
Ethylbenzene	"	38.5		0.500	"	"	1.77	"	122%	(56-141)				
Xylenes (total)	"	108		1.00	"		7.73	90.0	111%	(66-132)				
Surrogate(s): 4-BFB (FID)		Recovery:	110%	Lin	nits: 58-144%	ó "							06/30/08 03:32	
Matrix Spike Dup (8F29006-MS	SD1)			QC Source:	BRF0386-0	7		Extr	acted:	06/29/08 11	:23			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	2870		50.0	ug/l	1x	1970	1000	90.2%	(75-131)	5.01%	% (25)	06/29/08 20:59	
Surrogate(s): 4-BFB (FID)		Recovery:	115%	Lin	nits: 58-144%	ó "							06/29/08 20:59	
Matrix Spike Dup (8F29006-MS	SD2)			QC Source:	BRF0386-0	7		Extr	acted:	06/29/08 11	:23			
Benzene	NWTPH-Gx/ 8021B	33.4		0.500	ug/l	lx	2.13	30.0	104%	(46-130)	1.35%	6 (40)	06/30/08 04:05	
Toluene	"	32.6		0.500	"		1.08	"	105%	(60-124)	1.47%	6 "		
Ethylbenzene	"	37.6		0.500	"		1.77	"	119%	(56-141)	2.27%	6 "		
Xylenes (total)	"	106		1.00			7.73	90.0	109%	(66-132)	2.03%	6 "		

Surrogate(s): 4-BFB (PID)

Recovery: 102% Limits: 68-140% "

06/30/08 04:05

TestAmerica Seattle

Sandra Javamerich Sandra Yakamavich, Project Manager





Stantec	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.43	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/03/08 16:12

#### **Notes and Definitions**

#### Report Specific Notes:

ZX	-	Due to sample matrix effects	, the surrogate recovery	was outside the acceptance limits.

#### Laboratory Reporting Conventions:

DET -	Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
ND -	Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
NR/NA _	Not Reported / Not Available
dry -	Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
wet _	Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
RPD -	RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
MRL -	METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
MDL* -	METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
Dil -	Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.

- Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable.
- Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Electronic Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Signature Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

Vamerich Yakamavich, Project Manager



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11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

THE LEADER IN ENVIRONMENTAL TESTING

	<b>CHAIN OF CUSTODY REPORT</b>	Y REPORT	Work Order #: PEF0390
CLIENT: CP	INVOICE TO:		<b>TURNAROUND REQUEST</b>
REPORT TO: JEW YOTZ ADDRESS: 10234 134+4 CT NE DECOMMOND 41A 96052	SAME		in Business Days * Organic & Inorganic Analyses $\begin{pmatrix} 10 \\ 7 \\ 5 \\ 4 \\ 3 \\ 2 \\ 1 \\ < 1 \end{bmatrix}$
PHONE: 425 - 232-1666 FAX: 425 - 37-2 - 16 50	P.O. NUMBER:		Petroleum Hydrocarbon Analy
PROJECT NAME: 5353 W 255L AKE	PRESERVATIVE	ATIVE	5 4 3 2 1 <1
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	REQUESTED ANALYSES	INALYSES	• Tremonuel Bornette Jose than standard may incur Rush Charges.
SAMPLED BY: NT LEC SAMPLING & X			MATRIX # OF LOCATION TA W S ON CONT COMMENTS WOID
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EPR-3			
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Ph: 41 @ 1 Sh- MW 1			
20			W SVOAS 5353 WA J
RELEASED BY: RELEASED BY: PRINT NAME: (Nall Tolle) FIRM: STOWNED/ SCLUR.	LA TIME (S.W.	RECEIVED BY: A	DATE 6/26/08 FIRM: 7/1-5 EA TIME: 1445
	DATE: TIME:	RECEIVED BY: PRINT NAME:	DATE: FIRM: TIME:
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11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

THE LEADER IN ENVIRONMENTAL TESTING

	<b>CHAIN OF CUSTODY REPORT</b>	Y REPORT	Work Order #: PEF0390
CLIENT: CP	INVOICE TO:		<b>TURNAROUND REQUEST</b>
REPORT TO: JEW YOTZ ADDRESS: 10234 134+ CT NE DECOMMOND 41 A 96052	SAME		in Business Days * Organic & Inorganic Analyses $\begin{pmatrix} 10 \\ 7 \\ 5 \\ 4 \\ 3 \\ 2 \\ 1 \\ < 1 \end{bmatrix}$
PHONE: 425 - 232-1666 FAX: 425 - 37-2 - 16 50	P.O. NUMBER:		Petroleum Hydrocarbon Analy
PROJECT NAME: 5353 W 255L AKE	PRESERVATIVE	ATIVE	5 4 3 2 1 <1
H H H			
	REQUESTED ANALYSES	INALYSES	• Tremonuel Bornette Jose than standard may incur Rush Charges.
SAMPLED BY: NT LEC SAMPLING & X			MATRIX # OF LOCATION TA W S ON CONT COMMENTS WOID
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Ph: 41 @ 1 Sh- MW 1			
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RELEASED BY: RELEASED BY: PRINT NAME: (Nall Tolle) FIRM: STOWNED/ SCLUR.	LA TIME (S.W.	RECEIVED BY: A	DATE 6/26/08 FIRM: 7/1-5 EA TIME: 1445
	DATE: TIME:	RECEIVED BY: PRINT NAME:	DATE: FIRM: TIME:
PERINI NAME: ADDITTONAL REMARKS:			@145 1645 TEMP: 2 V/C 12,42 PAGE OF
			TAL



July 11, 2008

Jennifer Yotz Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 06/26/08 16:45. The following list is a summary of the Work Orders contained in this report, generated on 07/11/08 13:49.

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

Work Order BRF0389 Project 5353 Westlake EFR <u>ProjectNumber</u> O1CP.01396.41/255353

TestAmerica Seattle

Kamerch Sandra Yakamavich, Project Manager





# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:49

# ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFR-1	BRF0389-01	Water	06/26/08 09:43	06/26/08 16:45
EFR-2	BRF0389-02	Water	06/26/08 09:46	06/26/08 16:45
EFR-3	BRF0389-03	Water	06/26/08 09:50	06/26/08 16:45
MW-88	BRF0389-04	Water	06/26/08 09:55	06/26/08 16:45
MW-48	BRF0389-05	Water	06/26/08 10:00	06/26/08 16:45
MW-65	BRF0389-06	Water	06/26/08 10:05	06/26/08 16:45

TestAmerica Seattle

havamerich

Sandra Yakamavich, Project Manager





Redmond, WA/USA 98073

Stantec	Project Name:	4
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	(

5353 Westlake EFR
O1CP.01396.41/255353
Jennifer Yotz

Report Created: 07/11/08 13:49

# Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B

Project Manager:

			TestAm	erica Se	attle					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0389-01 (EFR-1)		Wa	ater		Sampl	ed: 06/2	26/08 09:43			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	ND		50.0	ug/l	1x	8F28003	06/28/08 10:59	06/29/08 04:49	
Benzene	"	ND		0.500	"	"	"	"	"	
Toluene	"	ND		0.500	"	"	"	"	"	
Ethylbenzene	"	ND		0.500	"	"	"	"	"	
Xylenes (total)	"	ND		1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			89.2%		58 - 144 %	"			"	
4-BFB (PID)			99.8%		68 - 140 %	"			"	
BRF0389-02 (EFR-2)		Wa	ater		Sampl	ed: 06/2	26/08 09:46			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	893		50.0	ug/l	1x	8F28003	06/28/08 10:59	06/29/08 05:22	
Benzene	"	2.52		0.500	"	"	"	"	"	
Toluene	"	ND		0.500	"	"	"		"	
Ethylbenzene	"	24.3		0.500	"	"	"	"	"	
Xylenes (total)	"	57.4		1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			106%		58 - 144 %	"			"	
4-BFB (PID)			105%		68 - 140 %	"			"	
BRF0389-03 (EFR-3)		Wa	ater		Sampl	ed: 06/2	26/08 09:50			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	628		50.0	ug/l	1x	8F28003	06/28/08 10:59	06/29/08 05:55	
Benzene	"	2.02		0.500	"	"	"	"	"	
Toluene	"	ND		0.500	"	"	"		"	

0.500 Ethylbenzene 16.6 ., .. .. .. Xylenes (total) 36.0 -----1.00 " " 4-BFB (FID) 101% 58 - 144 % Surrogate(s): 4-BFB (PID) 104% 68 - 140 %

BRF0389-04 (MW-88)		Wa	ter		Sample	ed: 06/2	6/08 09:55			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	2430		50.0	ug/l	1x	8F28003	06/28/08 10:59	06/29/08 06:28	
Benzene	"	1.94		0.500	"		"	"		
Toluene	"	ND		0.500	"		"	"		
Ethylbenzene	"	53.9		0.500	"		"			
Xylenes (total)	"	168		1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			118%		58 - 144 %	"			"	
4-BFB (PID)			113%		68 - 140 %	"			"	

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Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full,

without the written approval of the laboratory.





# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

**5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:49

# Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0389-05 (MW-48)		Wa	ter		Sampl	ed: 06/2	6/08 10:00			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	1210		50.0	ug/l	1x	8F28003	06/28/08 10:59	06/29/08 07:01	
Benzene	"	7.89		0.500	"	"				
Toluene	"	ND		0.500		"		"		
Ethylbenzene	"	47.4		0.500	"	"				
Xylenes (total)	"	72.6		1.00	"	"				
Surrogate(s): 4-BFB (FID)			125%		58 - 144 %	"			"	
4-BFB (PID)			114%		68 - 140 %	"			"	
RDF0380 06 (MW 65)		Wa	ton		Samul	ad. 06/2	6/08 10:05			

BRF0389-06 (MW-65)		Wa	ter		Sampl	ea: 06/2	6/08 10:05			
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	324		50.0	ug/l	1x	8F28003	06/28/08 10:59	06/29/08 07:34	
Benzene	"	1.34		0.500	"		"		"	
Toluene	"	ND		0.500			"			
Ethylbenzene	"	9.06		0.500	"		"		"	
Xylenes (total)	"	14.9		1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			97.1%		58 - 144 %	"			"	
4-BFB (PID)			103%		68 - 140 %	"			"	

TestAmerica Seattle

ausmarich

Sandra Yakamavich, Project Manager





Stantec PO Box 230, 12034 - (134th 0 Redmond, WA/USA 98073	Ct NE Ste 102, zij	p 98052)		Project Nar Project Nur Project Mar	nber:		/ <b>estlake</b> 1396.41/2 Yotz						Report Create 07/11/08 13:-	
Gasoline Hydrocarl	bons (Benzene	to Naphth		BTEX by TestAmeri			EPA 80	21B -	Labo	ratory (	Quality	y Conti	rol Results	
QC Batch: 8F28003	Water I	Preparation	Method: F	EPA 5030B	8 (P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8F28003-BLK1)								Ext	racted:	06/28/08 10	:59			
Gasoline Range Hydrocarbons	NWTPH-Gx/	ND		50.0	ug/l	1x							06/28/08 14:18	
Benzene	8021B "	ND		0.500	"									
Toluene	"	ND		0.500	"									
Ethylbenzene	"	ND		0.500	"								"	
Xylenes (total)	"	ND		1.00	"								"	
						10/ "							06/28/08 14:18	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	91.2% 99.1%	Lii	nits: 58-14- 68-14	+/0							00/28/08 14:18 "	
LCS (8F28003-BS1)								Ext	racted:	06/28/08 10	:59			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	965		50.0	ug/l	1x		1000	96.5%	(80-120)			06/28/08 14:51	
Surrogate(s): 4-BFB (FID)		Recovery:	99.4%	Lii	nits: 58-14-	4% "							06/28/08 14:51	
LCS (8F28003-BS2)								Ext	racted:	06/28/08 10	:59			
Benzene	NWTPH-Gx/ 8021B	28.9		0.500	ug/l	1x		30.0	96.2%	(80-120)			06/28/08 15:23	
Toluene	"	29.8		0.500	"			"	99.3%	"				
Ethylbenzene	"	29.4		0.500	"	"		"	98.0%	"				
Xylenes (total)	"	88.7		1.00	"	"		90.0	98.6%	"				
Surrogate(s): 4-BFB (PID)		Recovery:	98.8%	Lii	nits: 68-140	0% "							06/28/08 15:23	
Duplicate (8F28003-DUP1)				QC Source	BRF0357	-01RE1		Ext	racted:	06/28/08 10	:59			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	983		500	ug/l	10x	1000				2.21%	(25)	06/29/08 11:44	
Benzene	"	378		5.00	"		370				2.10%	"		
Toluene	"	ND		5.00	"		ND				NR	"	"	
Ethylbenzene	"	ND		5.00	"		ND				NR	"		
Xylenes (total)	"	ND		10.0	"		ND				NR	"		
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	90.0% 97.6%	Lii	nits: 58-14- 68-14								06/29/08 11:44 "	
Duplicate (8F28003-DUP2)				QC Source	BRF0328	-03		Exti	racted:	06/28/08 10	:59			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND		50.0	ug/l	1x	ND				NR	(25)	06/28/08 17:53	
Benzene	"	ND		0.500	"		ND				112%	"	"	R
Toluene	"	ND		0.500	"		ND				NR			
Ethylbenzene	"	ND		0.500	"		ND				NR	"	"	
Xylenes (total)	"	ND		1.00	"		ND				NR	"	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	89.9% 99.5%	Lii	nits: 58-14- 68-14								06/28/08 17:53 "	

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Sandra havamerich

Sandra Yakamavich, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain

of custody document. This analytical report shall not be reproduced except in full,

without the written approval of the laboratory.





<b>Stantec</b> PO Box 230, 12034 - (134th C Redmond, WA/USA 98073	t NE Ste 102, zip	98052)		Project Nan Project Nun Project Mar	nber:		/ <b>estlake</b> 1396.41/2 Yotz						Report Creat 07/11/08 13	
Gasoline Hydrocarb	ons (Benzene t	o Naphth	alene) and B		NWTP	H-G and		21B -	Labo	oratory	Quali	ty Cont		
QC Batch: 8F28003	Water P	reparation	Method: E	PA 5030B	(P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	) Analyzed	Notes
Matrix Spike (8F28003-MS1)				QC Source:	BRF0354	4-01		Extr	acted:	06/28/08 10	):59			
Gasoline Range Hydrocarbons	NWTPH-Gx/	1340		50.0	ug/l	1x	265	1000	108%	(75-131)			06/28/08 18:59	
Benzene	8021B "	49.0		0.500	"	"	35.6	17.7	75.8%	(46-130)			"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	107% 96.8%	Lin	nits: 58-14 68-14								06/28/08 18:59 "	
Matrix Spike (8F28003-MS2)				QC Source:	BRF0357	7-01		Extr	acted:	06/28/08 10	):59			
Toluene	NWTPH-Gx/ 8021B	32.5		0.500	ug/l	1x	0.603	30.0	106%	(60-124)			06/29/08 02:05	
Ethylbenzene	"	32.5		0.500	"		0.136		108%	(56-141)			"	
Xylenes (total)		97.8		1.00	"		1.52	90.0	107%	(66-132)			"	
Surrogate(s): 4-BFB (PID)		Recovery:	100%	Lin	nits: 68-14	0% "							06/29/08 02:05	
Matrix Spike Dup (8F28003-MS	SD1)			QC Source:	BRF0354	4-01		Extr	acted:	06/28/08 10	):59			
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1310		50.0	ug/l	1x	265	1000	105%	(75-131)	2.53%	% (25)	06/28/08 19:32	
Benzene	8021B "	48.7		0.500	"		35.6	17.7	74.0%	(46-130)	0.629	% (40)	"	
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	108% 97.8%	Lin	nits: 58-14 68-14								06/28/08 19:32 "	
Matrix Spike Dup (8F28003-MS	SD2)			QC Source:	BRF0357	7-01		Extr	acted:	06/28/08 10	):59			
Toluene	NWTPH-Gx/ 8021B	32.6		0.500	ug/l	1x	0.603	30.0	107%	(60-124)	0.381	% (40)	06/29/08 02:38	
Ethylbenzene	"	32.6		0.500	"	"	0.136	"	108%	(56-141)	0.249	% "	"	
Xylenes (total)		98.1		1.00	"		1.52	90.0	107%	(66-132)	0.326	% "	"	

Surrogate(s): 4-BFB (PID)

Recovery: 100% Limits: 68-140%

"

06/29/08 02:38

TestAmerica Seattle

havamarich Sandra

Sandra Yakamavich, Project Manager





Stantec	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.41/255353	
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	

Report Created: 07/11/08 13:49

#### **Notes and Definitions**

#### Report Specific Notes:

R4 - Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

#### Laboratory Reporting Conventions:

- DET Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
   ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
   NR/NA Not Reported / Not Available
   dry Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
   Sample results and reporting limits reported on a Wet Weight Pasis (as received). Results with paither 'wet' are results
- wet Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B.
   *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic
   Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*.

   Signature
   Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory.

   Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

Hamevich Yakamavich, Project Manager



TestAmerica

425-420-9200 FAX 420-9210 Z

509-924-9200 FAX 924-9290

<u>ō</u> <u>č</u> 6 <u>र</u> <u>6</u> 5 TAL-1000(0108) DATE: 6/26/08 TIME: 1445 VO ID * Turnaround Requests less than standard may incur Rush Charges \$ 1 503-906-9200 FAX 906-9210 907-563-9200 FAX 563-9210 Ч Г Work Order #: BRF038 1 <1 PAGE **TURNAROUND REQUEST** DATE: Petroleum Hydrocarbon Analyses TIME: LOCATION/ COMMENTS QLGD 645 TEMP: C 3 Organic & Inorganic Analyses in Business Days⁴ \$3\$3 3 2 5 4 3 7 H-SF # Specify: SUDUS 5 4 #OF CONT. OTHER > 11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave, Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 FIRM: FIRM: MATRIX (W, S, O) 3 Francisco Eung. Jr RECEIVED BY: CHAIN OF CUSTODY REPORT PRINT NAME: RECEIVED BY: PRINT NAME: **REQUESTED ANALYSES** PRESERVATIVE SAME DATE: 6/26/08 P.O. NUMBER: INVOICE TO: DATE: TIME TIME ADDRESS: [way 134th Ct NE, suite 107, Rephydyd wn. 9805] FIRM STANTEL/SECUL Х 7 X319 Ł 9-111 X r 2 THE LEADER IN ENVIRONMENTAL TESTING chulos Q 1:43 Q 10: 0 91:40 0 4:55 0:00 0 1:50 FIRM PHONE: 415.372. (60 FAX: 372.1650 SAMPLING DATE/TIME PROJECT NAME: 5353 WASTLAK PROJECT NUMBER: OICP. O 1296.43 PRINT NAME: MATT TOILE (14.) C J لم 1 MW 64 (MIN) EFR-1 (H10) EFR-3 (H10) しょう REPORT TO: JEN -1072 CLIENT SAMPLE IDENTIFICATION SAMPLED BY: WT 692-2 MW . 46 MM · 62 ADDITIONAL REMARKS 5 RELEASED BY: RELEASED BY: PRINT NAME: **CLIENT:** μA ≿ 2 3

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11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
 11922 E. First Ave, Spokane, WA 99206-5302
 9405 SW Nimbus Ave,Beaverton, OR 97008-7145
 2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

8244 425-420-9200 FAX 420-9210 7 -5302 509-924-9200 FAX 924-9290 7 -7145 503-906-9200 FAX 906-9210 1 -1119 907-563-9200 FAX 563-9210 1

THE LEADER IN ENVIRONMENTAL TESTING		CHAIN OF CHETODY REPORT	DY REPORT	Parton Marker & R. F.O. 28 C	
		INVOICE TO:		TURNAROUND REOUEST	
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REPORT TO: JEW PILL ADDRESS: 12034 13474 CH NE, SUITE 107, REDUNNO WA. 9905	EDINUMD INN. 9-803	SAME		Organic & Inorganic Analyses	1
222 11 222 . A BAY 222 11 212		PO. NUMBER:		Petroleum Hydrocarbon Analyses	
PROJECT NAME: 5353 WASTLAK			PRESERVATIVE	5 4 3 2 1 <1	
•	H H			<i>STD.</i>	
PROJECT NUMBER: O 1CY - O 154 % - 4		REQUESTEI	REQUESTED ANALYSES	OTHER Specify:	
SAMPLED BY: WY / L C				* Turnaround Requests less than standard may incur Rush Charges.	harges.
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ADDITIONAL REMARKS:				14 La D 16 45 I MART 'C PAGE	OF
					TAL-1000(0108)



July 11, 2008

Jennifer Yotz Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 06/26/08 16:45. The following list is a summary of the Work Orders contained in this report, generated on 07/11/08 13:55.

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

Work Order BRF0381 Project 5353 Westlake EFR <u>ProjectNumber</u> O1CP.01396.41/255353

TestAmerica Seattle

Kamerch Sandra Yakamavich, Project Manager





# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:55

# ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFR-1	BRF0381-01	Air	06/26/08 09:06	06/26/08 16:45
EFR-2	BRF0381-02	Air	06/26/08 09:07	06/26/08 16:45
EFR-3	BRF0381-03	Air	06/26/08 09:08	06/26/08 16:45
MW-88	BRF0381-04	Air	06/26/08 09:09	06/26/08 16:45
MW-48	BRF0381-05	Air	06/26/08 09:10	06/26/08 16:45
MW-65	BRF0381-06	Air	06/26/08 09:11	06/26/08 16:45

TestAmerica Seattle

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Sandra Yakamavich, Project Manager





# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

5353 Westlake EFR Project Name: Project Number: Project Manager:

O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:55

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0381-01 (EFR-1)		Air			Sampl	led: 06/2	26/08 09:06			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F28001	06/28/08 10:44	06/28/08 16:43	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv		"			
Benzene (v/v)		ND		0.0308	"		"			
Toluene (v/v)		ND		0.0261	"		"			
Ethylbenzene (v/v)	"	ND		0.0227	"		"		"	
Xylenes, total (v/v)	"	ND		0.0454	"		"	"	"	
Benzene	"	ND		0.100	mg/m³ Air		"	"	"	
Toluene	"	ND		0.100	"	"	"			
Ethylbenzene	"	ND		0.100	"		"			
Xylenes (total)	"	ND		0.200		"	"	"		
Surrogate(s): 4-BFB (FID)			84.1%		70 - 150 %	"			"	
4-BFB (PID)			109%		75 - 125 %	"			"	

BRF0381-02 (EFR-2)		Air			Sample	ed: 06/2	6/08 09:07			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F28001	06/28/08 10:44	06/28/08 17:43	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308		"	"	"	"	
Toluene (v/v)	"	ND		0.0261		"	"	"	"	
Ethylbenzene (v/v)		ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454		"	"	"	"	
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene		ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100		"	"	"	"	
Xylenes (total)	"	ND		0.200		"	"		"	
Surrogate(s): 4-BFB (FID)			84.5%		70 - 150 %	"			"	
4-BFB (PID)			110%		75 - 125 %	"			"	

BRF0381-03 (EFR-3)		Air	Air Sampled: 06/26/08 09:08							
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0 mg	/m³ Air	1x	8F28001	06/28/08 10:44	06/28/08 19:44	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	opmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"		"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"		"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"	"	"	
Benzene	"	ND		0.100 mg	/m³ Air	"	"		"	
Toluene	"	ND		0.100		"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"	"		"	

TestAmerica Seattle

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The results in this report apply to the samples analyzed in accordance with the chain

of custody document. This analytical report shall not be reproduced except in full,

without the written approval of the laboratory.



Sandra Yakamavich, Project Manager



Stantec	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.41/255353	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/11/08 13:55

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

			TUSIAII	erica Se	anno					
Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0381-03 (EFR-3)		Air			Sample	ed: 06/2	26/08 09:08			
Surrogate(s): 4-BFB (FID)			84.5%		70 - 150 %	lx			06/28/08 19:44	
4-BFB (PID)			111%		75 - 125 %	"			"	
BRF0381-04 (MW-88)		Air			Sample	ed: 06/2	6/08 09:09			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F28001	06/28/08 10:44	06/28/08 20:14	
Gasoline Range Hydrocarbons (v/v)		ND		2.36	ppmv	"	"			
Benzene (v/v)		ND		0.0308	"		"		"	
Toluene (v/v)	"	ND		0.0261	"	"	"			
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND		0.0454		"	"	"		
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Foluene		ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100		"	"	"	"	
Xylenes (total)	"	ND		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			83.4%		70 - 150 %	"			"	
4-BFB (PID)			112%		75 - 125 %	"			"	
BRF0381-05 (MW-48)		Air			Sample	ed: 06/2	6/08 09:10			
Gasoline Range Hydrocarbons	NWTPH Modified	15.4		10.0	mg/m³ Air	1x	8F28001	06/28/08 10:44	06/28/08 20:44	
Gasoline Range Hydrocarbons (v/v)	"	3.63		2.36	ppmv	"		"		
Benzene (v/v)		ND		0.0308	"	"	"	"		
Toluene (v/v)		ND		0.0261	"	"	"			
Ethylbenzene (v/v)	"	0.0327		0.0227	"	"	"			
Kylenes, total (v/v)		ND		0.0454	"	"				
Benzene		ND		0.100	mg/m³ Air	"	"	"		
Foluene		ND		0.100	"	"	"	"		
Ethylbenzene		0.144		0.100	"					

ND 0.200 ., ., Xylenes (total) ----4-BFB (FID) 89.7% 70 - 150 % " " Surrogate(s): 4-BFB (PID) 114% 75 - 125 % "

TestAmerica Seattle

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.



Sandra Yakamavich, Project Manager



# Stantec

Project Name: PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Project Number: Redmond, WA/USA 98073 Project Manager:

5353 Westlake EFR O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:55

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0381-06 (MW-65)		Air			Sampl	ed: 06/2	26/08 09:11			
Gasoline Range Hydrocarbons	NWTPH Modified	ND		10.0	mg/m³ Air	1x	8F28001	06/28/08 10:44	06/28/08 21:14	
Gasoline Range Hydrocarbons (v/v)	"	ND		2.36	ppmv	"	"			
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"		
Ethylbenzene (v/v)	"	ND		0.0227	"	"	"	"		
Xylenes, total (v/v)	"	ND		0.0454	"	"	"		"	
Benzene	"	ND		0.100	mg/m³ Air	"	"		"	
Foluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	ND		0.100	"	"	"			
Xylenes (total)	"	ND		0.200	"	"		"		
Surrogate(s): 4-BFB (FID)			83.9%		70 - 150 %	"			"	
4-BFB (PID)			114%		75 - 125 %	"			"	

TestAmerica Seattle

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Sandra Yakamavich, Project Manager





# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:55

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8F28001	Air Pre	paration M	ethod: EPA	5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8F28001-BLK1)								Extra	acted:	06/28/08 10	:44			
Gasoline Range Hydrocarbons (v/v)	NWTPH	ND		2.36	ppmv	1x						(	06/28/08 13:13	
Gasoline Range Hydrocarbons	Modified	ND		10.0	mg/m³ Air								"	
Benzene (v/v)		ND		0.0308	ppmv									
Toluene (v/v)		ND		0.0261	"								"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"								
Xylenes, total (v/v)		ND		0.0454	"									
Benzene		ND		0.100	mg/m³ Air								"	
Toluene		ND		0.100	"	"								
Ethylbenzene		ND		0.100	"	"								
Xylenes (total)		ND		0.200	"	"								
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	86.2% 106%	L	imits: 70-150% 75-125%	"							06/28/08 13:13 "	
LCS (8F28001-BS1)								Extra	acted:	06/28/08 10	:44			
Gasoline Range Hydrocarbons	NWTPH Modified	70.0		10.0	mg/m³ Air	1x		100	70.0%	(50-150)		(	06/28/08 13:43	
Surrogate(s): 4-BFB (FID)		Recovery:	89.3%	L	imits: 70-150%	"							06/28/08 13:43	
LCS (8F28001-BS2)								Extra	acted:	06/28/08 10	:44			
Benzene	NWTPH Modified	1.13		0.100	mg/m³ Air	1x		2.00	56.7%	(50-150)		(	06/28/08 14:43	
Toluene	"	1.20		0.100	"	"		"	60.2%	"			"	
Ethylbenzene		1.26		0.100	"	"		"	63.2%					
Xylenes (total)		3.84		0.200	"	"		6.00	64.0%					
Surrogate(s): 4-BFB (PID)		Recovery:	111%	L	imits: 75-125%	"							06/28/08 14:43	
LCS Dup (8F28001-BSD1)								Extra	acted:	06/28/08 10	:44			
Gasoline Range Hydrocarbons	NWTPH Modified	70.2		10.0	mg/m³ Air	1x		100	70.2%	(50-150)	0.238	% (50)	06/28/08 14:13	
Surrogate(s): 4-BFB (FID)		Recovery:	90.7%	L	imits: 70-150%	"							06/28/08 14:13	
LCS Dup (8F28001-BSD2)								Extra	acted:	06/28/08 10	:44			
Benzene	NWTPH Modified	1.13		0.100	mg/m³ Air	1x		2.00	56.3%	(50-150)	0.690	% (50)	06/28/08 15:13	
Foluene		1.22		0.100	"	"		"	61.1%		1.47	·o "	"	
	"	1.25		0.100	"			"	62.6%		1.059	/a "	"	
Ethylbenzene		1.23		0.100					02.070		1.05	0		

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full,

without the written approval of the laboratory.



Sandra Yakamavich, Project Manager



# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:55

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8F28001	Air Pre	paration M	lethod: EPA	5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	%∧ RPD	(Limits)	Analyzed	Notes
Duplicate (8F28001-DUP1)				QC Sourc	e: BRF0381-01			Extr	acted:	06/28/08 10	:44			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x	ND				18.3%	(30)	06/28/08 17:13	
Gasoline Range Hydrocarbons	"	ND		10.0	mg/m³ Air	"	ND				18.3%	"		
Benzene (v/v)	"	ND		0.0308	ppmv		ND				NR			
Toluene (v/v)	"	ND		0.0261	"		ND				NR	"		
Ethylbenzene (v/v)	"	ND		0.0227	"		ND				37.8%	"		R
Xylenes, total (v/v)	"	ND		0.0454	"		ND				78.6%	"		R
Benzene	"	ND		0.100	mg/m³ Air		ND				NR			
Toluene	"	ND		0.100	"		ND				NR	"		
Ethylbenzene	"	ND		0.100	"		ND				37.8%	"		R
Xylenes (total)	"	ND		0.200	"	"	ND				78.6%	"		R
Surrogate(s): 4-BFB (FID)		Recovery:	85.4%	I	imits: 70-150%	"							06/28/08 17:13	
4-BFB (PID)			111%		75-125%	"							"	

TestAmerica Seattle

Sandra Gallamerich

Sandra Yakamavich, Project Manager





Γ	Stantec	Project Name:	5353 Westlake EFR
	PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.41/255353
	Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz

Report Created: 07/11/08 13:55

#### **Notes and Definitions**

#### Report Specific Notes:

R4 - Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.

#### Laboratory Reporting Conventions:

- DET
   Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

   ND
   Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

   NR/NA
   Not Reported / Not Available

   dry
   Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet
   Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B.
   *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and percent solids, where applicable.
- Electronic
   Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*.

   Signature
   Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory.

   Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

Hamevich Yakamavich, Project Manager



TestAmerica

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244
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425-420-9200 FAX 420-9210 509-924-9200 FAX 906-9210 503-906-9200 FAX 906-9210 907-563-9200 FAX 563-9210



July 11, 2008

Jennifer Yotz Stantec PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

RE: 5353 Westlake EFR

Enclosed are the results of analyses for samples received by the laboratory on 06/26/08 16:45. The following list is a summary of the Work Orders contained in this report, generated on 07/11/08 13:57.

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

Work Order BRF0380 Project 5353 Westlake EFR <u>ProjectNumber</u> O1CP.01396.41/255353

TestAmerica Seattle

Kamerch Sandra Yakamavich, Project Manager





# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager: **5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:57

# ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFR-1	BRF0380-01	Air	06/26/08 14:06	06/26/08 16:45
EFR-2	BRF0380-02	Air	06/26/08 14:07	06/26/08 16:45
EFR-3	BRF0380-03	Air	06/26/08 14:08	06/26/08 16:45
MW-88	BRF0380-04	Air	06/26/08 14:09	06/26/08 16:45
MW-48	BRF0380-05	Air	06/26/08 14:10	06/26/08 16:45
MW-65	BRF0380-06	Air	06/26/08 14:11	06/26/08 16:45

TestAmerica Seattle

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Sandra Yakamavich, Project Manager





#### Stantec 5353 Westlake EFR Project Name:

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073

Project Number: Project Manager:

O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:57

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRF0380-01 (EFR-1)		Aiı	r		Sampl	led: 06/2	6/08 14:06			
Gasoline Range Hydrocarbons	NWTPH Modified	21.7		10.0	mg/m³ Air	1x	8F27021	06/27/08 10:20	06/27/08 18:50	
Gasoline Range Hydrocarbons (v/v)	"	5.12		2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	0.0362		0.0227	"	"	"			
Xylenes, total (v/v)	"	0.0478		0.0454		"	"	"		
Benzene	"	ND		0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND		0.100	"	"	"	"	"	
Ethylbenzene	"	0.159		0.100		"	"	"	"	
Xylenes (total)	"	0.211		0.200	"	"		"	"	
Surrogate(s): 4-BFB (FID)			81.1%		70 - 150 %	"			"	
4-BFB (PID)			108%		75 - 125 %	"			"	

BRF0380-02 (EFR-2)		Air			Sample	ed: 06/2	6/08 14:07			
Gasoline Range Hydrocarbons	NWTPH Modified	138		10.0	mg/m³ Air	1x	8F27021	06/27/08 10:20	06/27/08 19:20	
Gasoline Range Hydrocarbons (v/v)	"	32.5		2.36	ppmv	"	"		"	
Benzene (v/v)	"	0.190		0.0308	"	"	"		"	
Toluene (v/v)	"	0.235		0.0261	"	"			"	
Ethylbenzene (v/v)	"	0.240		0.0227	"	"		"	"	
Xylenes, total (v/v)	"	0.278		0.0454	"	"			"	
Benzene	"	0.616		0.100	mg/m³ Air	"			"	
Toluene	"	0.898		0.100	"	"			"	
Ethylbenzene	"	1.06		0.100	"	"			"	
Xylenes (total)	"	1.22		0.200		"		"	"	
Surrogate(s): 4-BFB (FID)			89.4%		70 - 150 %	"			"	
4-BFB (PID)			103%		75 - 125 %	"			"	

BRF0380-03 (EFR-3)		Air			Sampl	ed: 06/2	6/08 14:08			
Gasoline Range Hydrocarbons	NWTPH Modified	16.7		10.0	mg/m³ Air	1x	8F27021	06/27/08 10:20	06/27/08 19:50	
Gasoline Range Hydrocarbons (v/v)	"	3.94		2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND		0.0308	"	"	"	"	"	
Toluene (v/v)		ND		0.0261	"	"	"	"		
Ethylbenzene (v/v)	"	0.0391		0.0227	"	"	"		"	
Xylenes, total (v/v)	"	0.0554		0.0454	"	"	"		"	
Benzene		ND		0.100	mg/m³ Air	"	"		"	
Toluene	"	ND		0.100	"	"	"		"	
Ethylbenzene	"	0.173		0.100	"	"	"	"	"	

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Sandra Yakamavich, Project Manager

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Stantec	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.41/255353	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/11/08 13:57

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle Analyte Method Result MDL* MRL Units Dil Batch Prepared Analyzed Notes Air Sampled: 06/26/08 14:08 BRF0380-03 (EFR-3) 06/27/08 10:20 NWTPH **Xylenes** (total) 0.244 -----0.200 mg/m3 Air $1 \mathrm{x}$ 8F27021 06/27/08 19:50 Modified

82.9%

111%

"

"

70 - 150 %

75 - 125 %

Surrogate(s): 4-BFB (FID) 4-BFB (PID)

BRF0380-04 (MW-88)		Air			Sample	ed: 06/2	6/08 14:09			
Gasoline Range Hydrocarbons	NWTPH Modified	12.9		10.0	mg/m³ Air	1x	8F27021	06/27/08 10:20	06/27/08 20:21	
Gasoline Range Hydrocarbons (v/v)	"	3.03		2.36	ppmv	"	"		"	
Benzene (v/v)	"	ND		0.0308	"	"	"		"	
Toluene (v/v)	"	ND		0.0261	"	"	"		"	
Ethylbenzene (v/v)	"	0.0285		0.0227	"	"	"		"	
Xylenes, total (v/v)	"	ND		0.0454	"	"	"		"	
Benzene	"	ND		0.100	mg/m³ Air	"	"		"	
Toluene	"	ND		0.100	"	"	"		"	
Ethylbenzene	"	0.126		0.100	"	"	"		"	
Xylenes (total)		ND		0.200	"	"	"	"		
Surrogate(s): 4-BFB (FID)			84.5%		70 - 150 %	"			"	
4-BFB (PID)			112%		75 - 125 %	"			"	

BRF0380-05 (MW-48)		Air			Sample	ed: 06/2	6/08 14:10			
Benzene (v/v)	NWTPH	1.51		0.0308	ppmv	1x	8F27021	06/27/08 10:20	06/27/08 20:51	
	Modified									
Toluene (v/v)	"	2.16		0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	2.72		0.0227	"	"	"		"	
Xylenes, total (v/v)	"	3.36		0.0454	"	"	"		"	
Benzene	"	4.91		0.100	mg/m³ Air	"	"		"	
Toluene	"	8.28		0.100	"	"	"		"	
Ethylbenzene	"	12.0		0.100	"	"	"		"	
Xylenes (total)	"	14.8		0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			162%		70 - 150 %	"			"	ZX
4-BFB (PID)			122%		75 - 125 %	"			"	

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unawich) Sandra Yakamavich, Project Manager





Stantec	Project Name:	5353 Westlake EFR	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.41/255353	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/11/08 13:57

#### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B TestAmerica Seattle Analyte Method Result MDL* MRL Units Dil Analyzed Batch Prepared Notes Sampled: 06/26/08 14:10 BRF0380-05RE1 (MW-48) Air 06/28/08 10:44 **Gasoline Range Hydrocarbons** NWTPH 1600 ____ 50.0 mg/m³ Air 5x 8F28001 06/28/08 16:13 Modified .. Gasoline Range Hydrocarbons (v/v) " 378 11.8 ppmv " " ., Surrogate(s): 4-BFB (FID) 112% 70 - 150 % *1x* BRF0380-06 Air Sampled: 06/26/08 14:11 (MW-65) NWTPH 8F27021 06/27/08 10:20 06/27/08 21:21 10.0 mg/m3 Air 1x **Gasoline Range Hydrocarbons** 13.0 -----Modified ., Gasoline Range Hydrocarbons (v/v) 3.05 2.36 ppmv .. " 0.0308 .. .. Benzene (v/v) ND .. 0.0261 .. ., Toluene (v/v) ND 0.0227 .. 0.0567 Ethylbenzene (v/v) ... .. 0.0454 Xylenes, total (v/v) 0.0958 Benzene ND 0.100 mg/m3 Air 0.100 ... .. Toluene ND 0.100 " ... Ethylbenzene 0.250 -----" .. ., 0.200 ., ., 0.422 Xylenes (total) -----84.2% 70 - 150 % " " 4-BFB (FID) Surrogate(s):

4-BFB (PID)

114%

70 - 130 % 75 - 125 %

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Sandra Yakamavich, Project Manager





# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

**5353 Westlake EFR** O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:57

# Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8F27021	Air Pre	eparation M	lethod: EPA	5030B (	Ρ/Τ)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Note
Blank (8F27021-BLK1)								Extr	acted:	06/27/08 10	:20			
Gasoline Range Hydrocarbons	NWTPH	ND		10.0	mg/m³ Air	1x							06/27/08 12:13	
Gasoline Range Hydrocarbons (v/v)	Modified	ND		2.36	ppmv									
Benzene (v/v)		ND		0.0308	"								"	
Toluene (v/v)		ND		0.0261	"								"	
Ethylbenzene (v/v)	"	ND		0.0227	"								"	
Xylenes, total (v/v)	"	ND		0.0454	"									
Benzene	"	ND		0.100	mg/m³ Air	"								
Toluene		ND		0.100	"	"								
Ethylbenzene		ND		0.100	"	"								
Xylenes (total)	"	ND		0.200	"	"								
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	85.6% 105%	L	imits: 70-150% 75-125%	"							06/27/08 12:13 "	
LCS (8F27021-BS1)								Extr	acted:	06/27/08 10	:20			
Gasoline Range Hydrocarbons	NWTPH Modified	74.1		10.0	mg/m³ Air	1x		100	74.1%	(50-150)			06/27/08 12:43	
Surrogate(s): 4-BFB (FID)		Recovery:	90.4%	L	imits: 70-150%	"							06/27/08 12:43	
LCS (8F27021-BS2)								Extr	acted:	06/27/08 10	:20			
Benzene	NWTPH Modified	1.26		0.100	mg/m³ Air	1x		2.00	63.2%	(50-150)			06/27/08 13:50	
Toluene	"	1.34		0.100	"			"	66.8%					
Ethylbenzene		1.37		0.100	"			"	68.4%					
Xylenes (total)	"	4.17		0.200	"	"		6.00	69.4%					
Surrogate(s): 4-BFB (PID)		Recovery:	112%	L	imits: 75-125%	"							06/27/08 13:50	
LCS Dup (8F27021-BSD1)								Extr	acted:	06/27/08 10	:20			
Gasoline Range Hydrocarbons	NWTPH Modified	83.7		10.0	mg/m³ Air	1x		100	83.7%	(50-150)	12.3%	6 (50)	06/27/08 21:51	
Surrogate(s): 4-BFB (FID)		Recovery:	86.6%	L	imits: 70-150%	"							06/27/08 21:51	
LCS Dup (8F27021-BSD2)								Extr	acted:	06/27/08 10	:20			
Benzene	NWTPH Modified	1.20		0.100	mg/m³ Air	1x		2.00	60.2%	(50-150)	4.85%	6 (50)	06/27/08 14:20	
Toluene	"	1.25		0.100	"	"		"	62.6%		6.49%	6 "	"	
Ethylbenzene		1.31		0.100	"	"		"	65.3%		4.70%	6 "	"	

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Sandra Yakamavich, Project Manager

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# Stantec

PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052) Redmond, WA/USA 98073 Project Name: Project Number: Project Manager:

5353 Westlake EFR O1CP.01396.41/255353 Jennifer Yotz

Report Created: 07/11/08 13:57

### Gasoline Hydrocarbons (Benzene to Napthalene) and BTEX in Air by NWTPH-G and EPA 8021B - Laboratory Quality Control Results TestAmerica Seattle

QC Batch: 8F27021	Air Pre	paration M	ethod: EPA	5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	) Analyzed	Notes
Duplicate (8F27021-DUP1)				QC Sourc	e: BRF0347-05			Extr	acted:	06/27/08 10	):20			
Gasoline Range Hydrocarbons	NWTPH Modified	2570		50.0	mg/m³ Air	5x	2680				4.35%	(30)	06/27/08 15:51	
Gasoline Range Hydrocarbons (v/v)	"	605		11.8	ppmv	"	632				4.36%	. "	"	
Benzene (v/v)	"	16.6		0.154	"	"	17.0				2.14%	. "	"	
Toluene (v/v)	"	38.8		0.130	"		39.6				2.19%	. "		1
Ethylbenzene (v/v)	"	2.37		0.114	"		2.42				2.27%	. "	"	
Xylenes, total (v/v)	"	28.9		0.227	"		29.5				2.01%	. "	"	
Benzene	"	54.0		0.500	mg/m³ Air		55.2				2.14%	. "	"	
Toluene	"	148		0.500	"		152				2.19%	. "		I
Ethylbenzene	"	10.4		0.500	"		10.7				2.27%	. "		
Xylenes (total)	"	127		1.00	"	"	130				2.01%	, "		
Surrogate(s): 4-BFB (FID)		Recovery:	104%	L	imits: 70-150%	1x							06/27/08 15:51	
4-BFB (PID)			91.9%		75-125%	"							"	

QC Batch: 8F28001	Air Pre	paration Me	thod: EPA	5030B (I	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits	) Analyzed	Notes
Blank (8F28001-BLK1)								Exti	racted:	06/28/08 10	):44			
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND		2.36	ppmv	1x							06/28/08 13:13	
Gasoline Range Hydrocarbons	"	ND		10.0	mg/m³ Air	"								
Benzene (v/v)	"	ND		0.0308	ppmv	"								
Toluene (v/v)	"	ND		0.0261	"	"								
Ethylbenzene (v/v)	"	ND		0.0227	"	"								
Xylenes, total (v/v)	"	ND		0.0454	"								"	
Benzene	"	ND		0.100	mg/m³ Air									
Toluene	"	ND		0.100	"	"							"	
Ethylbenzene	"	ND		0.100	"	"							"	
Xylenes (total)	"	ND		0.200										
Surrogate(s): 4-BFB (F1D) 4-BFB (P1D)			86.2% 106%	L	imits: 70-150% 75-125%	"							06/28/08 13:13 "	3

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Sandra Javamerich Sandra Yakamavich, Project Manager





<b>Stantec</b> PO Box 230, 12034 - (134th C Redmond, WA/USA 98073	Ct NE Ste 102, z	ip 98052)		Project Na Project Nu Project Ma	umber:		Vestlake 1396.41/2 · Yotz						Report Create 07/11/08 13	
Gasoline Hydrocarbon	s (Benzene to	Napthalen	e) and BTI		<b>by NWT</b> rica Seattle		and EPA	8021B	5 - La	iboratoi	y Qua	ality Co	ontrol Results	5
QC Batch: 8F28001	Air Pro	eparation M	ethod: EP	A 5030B (	P/T)									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	e % REC	(Limits)	% RPD	(Limits	) Analyzed	Notes
LCS (8F28001-BS1)								Ext	racted:	06/28/08 10	):44			
Gasoline Range Hydrocarbons	NWTPH Modified	70.0		10.0	mg/m³ Air	1x		100	70.0%	(50-150)			06/28/08 13:43	
Surrogate(s): 4-BFB (FID)		Recovery:	89.3%	L	imits: 70-150	)% "							06/28/08 13:43	
LCS (8F28001-BS2)								Ext	racted:	06/28/08 10	):44			
Benzene	NWTPH	1.13		0.100	mg/m³ Air	1x		2.00	56.7%	(50-150)			06/28/08 14:43	
Toluene	Modified	1.20		0.100	"	"			60.2%	"			"	
Ethylbenzene		1.26		0.100	"			"	63.2%					
Xylenes (total)		3.84		0.200	"			6.00	64.0%	"				
Surrogate(s): 4-BFB (PID)		Recovery:	111%	L	imits: 75-125	% "							06/28/08 14:43	
LCS Dup (8F28001-BSD1)								Ext	racted:	06/28/08 10	):44			
Gasoline Range Hydrocarbons	NWTPH Modified	70.2		10.0	mg/m³ Air	1x		100	70.2%	(50-150)	0.238%	% (50)	06/28/08 14:13	
Surrogate(s): 4-BFB (FID)		Recovery:	90.7%	L	imits: 70-150	)% "							06/28/08 14:13	
LCS Dup (8F28001-BSD2)								Ext	racted:	06/28/08 10	):44			
Benzene	NWTPH	1.13		0.100	mg/m³ Air	1x		2.00	56.3%	(50-150)	0.690%	% (50)	06/28/08 15:13	
Toluene	Modified	1.22		0.100	"				61.1%		1.47%	. "		
Ethylbenzene		1.25		0.100	"				62.6%		1.05%			
Xylenes (total)		3.80		0.200	"			6.00	63.3%		1.02%			
Surrogate(s): 4-BFB (PID)		Recovery:	111%		imits: 75-125	5% "							06/28/08 15:13	
Duplicate (8F28001-DUP1)				OC Source	e: BRF0381	_01		Fyt	racted.	06/28/08 10	• 4 4			
Gasoline Range Hydrocarbons	NWTPH	ND		10.0	mg/m ³ Air	1x	ND					(30)	06/28/08 17:13	
Gasoline Range Hydrocarbons (v/v)	Modified	ND		2.36	ppmv		ND				18.3%	, "	"	
Benzene (v/v)	"	ND		0.0308	"	"	ND				NR	"	"	
Toluene (v/v)	"	ND		0.0261		"	ND				NR	"	"	
Ethylbenzene (v/v)	"	ND		0.0227	"	"	ND				37.8%	, "	"	R
Xylenes, total (v/v)	"	ND		0.0454	"	"	ND				78.6%	, "	"	R
Benzene		ND		0.100	mg/m³ Air	"	ND				NR	"	"	
Toluene	"	ND		0.100		"	ND				NR	"	"	
Ethylbenzene		ND		0.100	"	"	ND				37.8%	, <b>"</b>	"	R
Xylenes (total)	"	ND		0.200	"	"	ND				78.6%	, "	"	R
Surrogate(s): 4-BFB (FID) 4-BFB (PID)		Recovery:	85.4% 111%	L	imits: 70-150 75-12								06/28/08 17:13 "	

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Sandra Gavamerich

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Stantec			Project Name:	5353 Westlake EFR	
PO Box 2	30, 1	2034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.41/255353	Report Created:
Redmond,	WA	/USA 98073	Project Manager:	Jennifer Yotz	07/11/08 13:57
			Notes and Defini	tions	
Report Sr	oecit	fic Notes:			
Е	-	Concentration exceeds the calibration range a	nd therefore result is semi-	-quantitative.	
R4	-	Due to the low levels of analyte in the sample	e, the duplicate RPD calcul	ation does not provide useful information.	
ZX	-	Due to sample matrix effects, the surrogate re	covery was outside the acc	ceptance limits.	
<u>Laborato</u> DET	ry R	eporting Conventions: Analyte DETECTED at or above the Reporting	Limit Qualitativa Analys	ves only	
	-			,	
ND	-	Analyte NOT DETECTED at or above the repo	rting limit (MDL or MRL,	as appropriate).	
NR/NA	-	Not Reported / Not Available			
dry	-	Sample results reported on a Dry Weight Basis.	Results and Reporting Li	mits have been corrected for Percent Dry We	ight.
wet	-	Sample results and reporting limits reported on on a Wet Weight Basis.	a Wet Weight Basis (as red	ceived). Results with neither 'wet' nor 'dry' and	re reported
RPD	-	RELATIVE PERCENT DIFFERENCE (RPDs	calculated using Results, i	not Percent Recoveries).	
MRL	-	METHOD REPORTING LIMIT. Reporting Le	evel at, or above, the lowes	t level standard of the Calibration Table.	
MDL*	-	METHOD DETECTION LIMIT. Reporting Le	evel at, or above, the statist	ically derived limit based on 40CFR, Part 13	6, Appendix B.

*MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

- Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution Dil found on the analytical raw data.
- Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits percent solids, where applicable.
- Electronic - Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Signature Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Seattle

Vamerich Sandra Yakamavich, Project Manager



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11922 E. First Ave, Spokane, WA 99206-5302
11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244

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