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DATE: January 14, 2009

CONOCOPHILLIPS OPERATIONS AND MAINTENANCE REPORT

ConocoPhillips Facility No.: 255353	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 subject 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 an 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.

During the operational period of this report, the AS/SVE well groups in Westlake and Terry Avenues were active, and the well group located on-site was inactive. Operations and maintenance (O&M) events were conducted with the AS/SVE system on a monthly basis. Bi-weekly EFR events had been conducted using the EFR manifold located along Terry Avenue, with those events ending in August 2008.

RECENT WORK PERFORMED [Third & Fourth Quarters – 2008]:

Summary of Routine Operations and Maintenance Activities

- On July 7, 2008 Stantec Consulting (Stantec) personnel conducted an O&M event on the AS/SVE system. Stantec technicians replaced the vacuum gauges on the Westlake Avenue SVE manifold during this event. The existing gauges measured vacuum in inches of mercury (in.Hg) and used a large range in values, making it difficult to take accurate measurements. These gauges were substituted with gauges measuring vacuum in inches of water (in.H2O), with a smaller range in values, enabling the field technicians to record more accurate readings.

- On July 10, 2008 Stantec personnel conducted an EFR event on wells MW-48 and MW-88. During this event, the odd-numbered AS wells were closed on the Westlake Avenue AS manifold, and the even-numbered AS wells were opened.

- On July 24, 2008 Stantec personnel conducted an EFR event on wells MW-48 and MW-88. During this event, the even-numbered AS wells were closed on the Westlake Avenue AS manifold, and the odd-numbered AS wells were opened.

- On August 11, 2008 Stantec personnel conducted an O&M event on the AS/SVE system and an EFR event on wells EFR-1 through EFR-3, MW-48, MW-65, and MW-88. During this event, the odd-numbered AS wells were closed on the Westlake Avenue AS manifold, and the even-numbered AS wells were opened. Additionally, the vacuum truck present at the site for the EFR event was used to remove water from the air/water separator for the SVE system.

- On August 21, 2008 Stantec personnel conducted an EFR event on wells MW-48 and MW-88. During this event, the even-numbered AS wells were closed on the Westlake Avenue AS manifold, and the odd-numbered AS wells were opened.

- On September 4, 2008 Stantec personnel were mobilized to the site for the September O&M event. The Stantec technician was unable to complete the O&M event due to the demolition of the service station. While on-site, the technician was able to note that the AS/SVE system was inoperable due to a high-level alarm on the air/water separator for the SVE system. Additionally, the field technician took the opportunity to switch the active AS wells serving Westlake Avenue. While on-site, the technician closed the odd-numbered AS wells, and opened the even-numbered AS wells. The full O&M event was rescheduled for September 25, 2008.

- On September 25, 2008 Stantec personnel conducted the rescheduled O&M event from September 4, 2008 on the AS/SVE system. At the beginning of this event, the field technicians removed the contents of the air/water separator for the SVE system using a hand pump. The water removed from the system was placed in a Department of Transportation-approved drum and properly labeled for later disposal. The active AS wells serving Westlake Avenue were not swapped during this event, because the system had been inoperable due to the high-level alarm on the air/water separator.

- On October 14, 2008 Stantec personnel conducted an O&M event on the AS/SVE system. The field technician took the opportunity to switch the active AS wells serving Westlake Avenue. While on-site, the technician closed the even-numbered AS wells, and opened the odd-numbered AS wells. Additionally, carbon samples were collected from the two carbon vessels for use in profiling the carbon for removal.

- On October 31, 2008 Stantec personnel mobilized to the site to shut down the O&M and EFR systems. While on site the Stantec technician turned off all circuit breakers associated with the remediation system. The technician also closed all valves on the EFR manifold associated with Terry Avenue and closed all valves on the AS/SVE manifold associated with Westlake Avenue. The system shutdown was conducted in preparation for the remediation system removal to be conducted in November of 2008.

- Between November 13 and November 26, 2008 the AS/SVE system was removed to facilitate an onsite excavation. The remediation piping for the Terry and Westlake Avenue networks were cut and capped in the rights-of-way.

Field and analytical data from the O&M events 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 third quarter 2008 system performance monitoring events were conducted on July 7, August 11, and September 25, 2008. Additionally, the final O&M event which occurred on October 14, 2008, has been added to the report. As specified in the Second Quarter 2008 O&M Report, the active AS wells serving the Westlake Avenue network were switched approximately every two weeks, during EFR and AS/SVE events. This was being done to maximize the efficiency of the AS blower. Stantec determined that an even distribution of air pressure could be provided to the Westlake Avenue network by swapping the even and odd-numbered AS wells.

A total of 1,324 pounds of petroleum hydrocarbons are known to have been removed by the SVE system between the first quarter of 2004 and the end of operation in October 2008. A total of 1.3 pounds of petroleum hydrocarbons were removed during 2008. Field notes have been included in Attachment A. Current and historical O&M information is summarized in Tables 1 through 6.

Air samples were collected from individual SVE wells in Terry Avenue during each O&M event. 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. Petroleum hydrocarbon concentrations were detected in air samples collected from each of the SVE wells in Terry Avenue at various times throughout the quarter. Total petroleum hydrocarbons as gasoline (TPH-g) concentrations ranged from <2.36 parts per million by volume (ppmV) in many SVE wells to 2,490 ppmV at TSVE-5 on August 11, 2008. Benzene concentrations ranged from <0.0308 ppmV in many SVE wells to 15.4 ppmV at TSVE-3 on September 25, 2008. Air samples collected from SVE wells TSVE-3 and TSVE-5 contained the highest concentrations of petroleum hydrocarbons found beneath the right-of-way of Terry Avenue.

Air samples were collected from the SVE wells located in Westlake Avenue when PID detections indicated the presence of VOCs. This situation arose with SVE well A-3 on July 7 and September 25, 2008. In both instances, and air sample was collected and submitted to Test America Laboratories in Bothell, Washington. The air sample collected from SVE well A-3 on July 7, 2008 contained concentrations of TPH-g as well as benzene, toluene, ethyl benzene and total xylenes (collectively known as BTEX) that were below reporting limits. The air sample collected from SVE well A-3 on September 25, 2008 contained TPH-g concentrations at 16.7 ppmV and total xylene concentrations of 0.0987 ppmV. Benzene, toluene and ethyl benzene concentrations were below reporting limits.

Data obtained through sampling individual SVE wells is included in Table 3.

Summary of Monthly Discharge Sampling

Stantec personnel collected air samples from the SVE system on July 7, August 11, September 25, and October 14 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 VOCs using a portable PID, and placed in a cooler without ice for delivery to Test America Laboratories in Bothell, Washington. Air samples were analyzed for TPH-g and 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 July 10, July 24, August 11, and August 21 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, 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 were 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 July and August 2008, the applied vacuum to the EFR wells ranged between 6 and 13 inches of mercury vacuum (in. Hg) (Table 7). A volume of 5,787 gallons of water was removed during the third quarter 2008 EFR events. A total volume of 28,142 gallons of water was removed between October 24, 2007 and August 21, 2008. EFR events were discontinued after the August 2008 events, because ConocoPhillips and Stantec questioned the value of continuing this method of remediation.

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.

A site map with existing remediation system layouts is depicted in Figure 2. Field notes are included in Attachment A. Data acquired during the EFR events are summarized in Tables 7 through 9.

WORK PROPOSED FOR THE REMAINDER OF THE FOURTH QUARTER 2008:

- Submit a letter to the PSCAA notifying them of the removal of the AS/SVE system and complete cancellation of permit no. 8905.

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)
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

Current Phase of Project:	Remediation	(Assessment, Remediation, etc.)
		Removal, etc.)
Permits for Discharge:	PSCAA No. 8905	(NPDES, POTW)
Approximate Depth to Groundwater:	3.68 to 15.59	(Feet)
Maximum Air TPH-G/Benzene Concentrations:	TPH-g 2,490 ppmV (TSVE-5 on August 11, 2008) Benzene 15.4 (TSVE-3 on September 25, 2008)	(ppmV)

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 O&M and EFR Event Logs
Attachment B: Laboratory Analytical Reports and Chain-of-Custody Record

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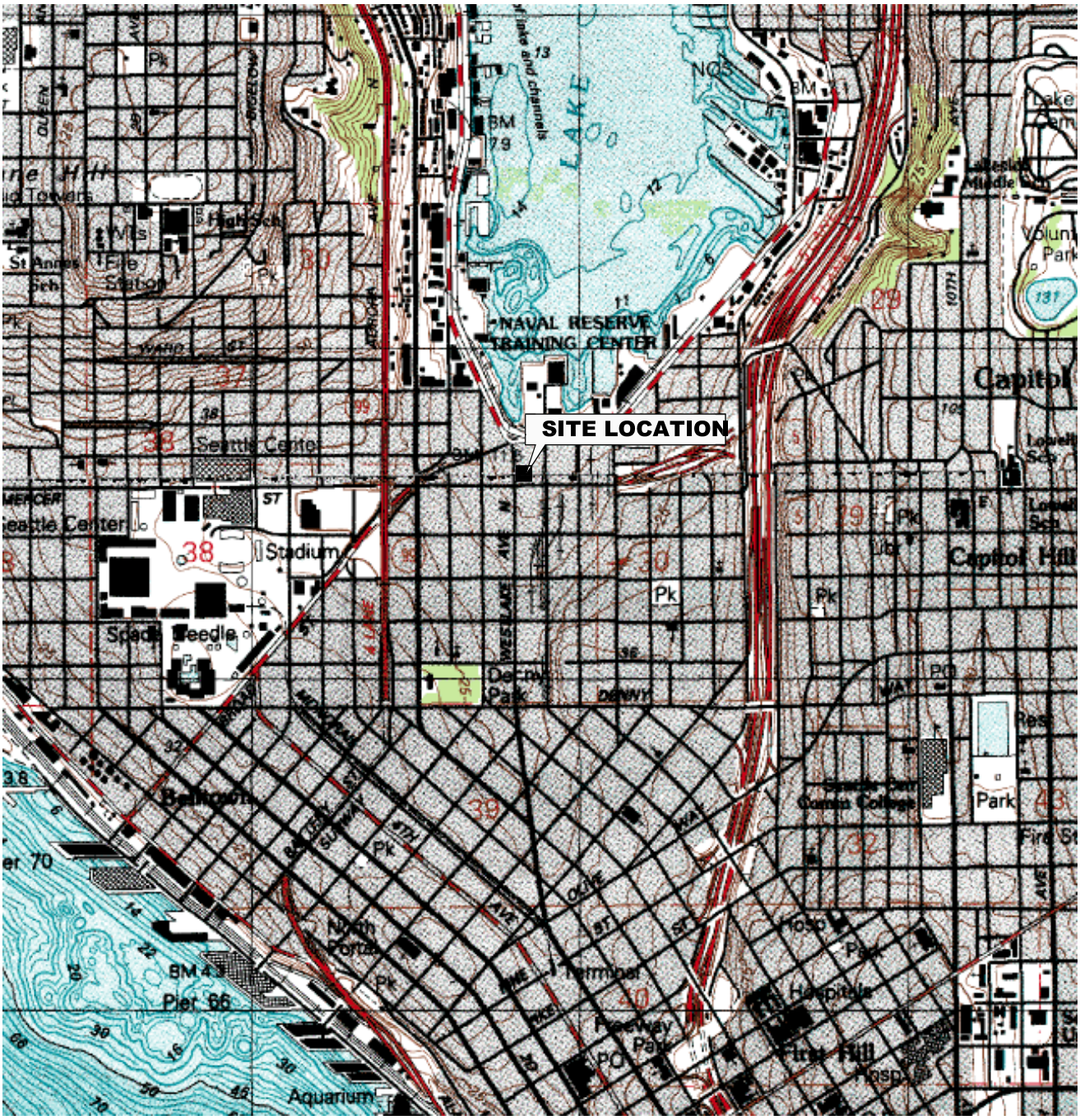
cc: Roger Nye, Department of Ecology, Voluntary Cleanup Program

FIGURES



REFERENCE: USGS SEATTLE SOUTH (WA) QUADRANGLE; SEATTLE, WASHINGTON

1 1/2 0 1

SCALE IN MILE

1000 0 1000 2000 3000 4000 5000 6000 7000

SCALE IN FEET

N

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FOR: ConocoPhillips
FACILITY NO. 255353
600 WESTLAKE AVE NORTH
SEATTLE, WASHINGTON

SITE LOCATION MAP

FIGURE: **1**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
01CP.01396.50	DJH	JY	JY	06/23/08

South Lake Union Park

VALLEY STREET

SIDEWALK

CITY INVESTORS' PROPERTY

AREA OF PHASE I EXCAVATION

RETAINING WALL

SUMP

Parking Lot

TSVE-9

MW-88

TSVE-8

EFR-3

TSVE-7

EFR-2

TSVE-6

TSVE-5

MW-48

MW-65

TSVE-4

TSVE-3

EFR-1

MW-67

MW-66

TSVE-2

TSVE-1

MW-68

PARKING

TERRY AVENUE NORTH

West Marine

Individual conveyance lines to SVE wells and EFR wells in common trench - 3 foot depth

East SVE Trench (Horizontal Piping)

Above-ground EFR Manifold Location

Remedial System Equipment Enclosure

Air Sparge and SVE Piping

Dumpster Enclosure

Former Vapor Extraction Well (decommissioned 12/04)

West SVE Trench (Horizontal Piping)

Westlake Ave SVE/AS Manifold

Individual conveyance lines to AS wells and SVE piping in common trench - 8 foot depth

Horizontal SVE Piping

Horizontal SVE Piping

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 AS-16 AS-17 AS-18 AS-19 AS-20 AS-21

MP-1 MP-2 MP-3 MP-4 MP-5 MP-6 MP-7 MP-8

A1 A2 A3

B1 B2 B3

C1 C2 C3

DAS-1 DAS-2 DAS-3 DAS-4 DAS-5

(DAS-1 not connected to sparge system)

Electrical Vault

CONOCOPHILLIPS PROPERTY

Station Building

USTs

Former Land Rover Dealership

SIDEWALK

SIDEWALK

SIDEWALK

MERCER STREET

WESTLAKE AVENUE NORTH

SIDEWALK

GRASS

PARKING

LEGEND

- AS-1 AIR SPARGE WELL (AS)
- TSVE-1 SOIL VAPOR EXTRACTION WELL (SVE)
- EFR-1 ENHANCED FLUID RECOVERY WELL (EFR)
- HORIZONTAL SVE PIPING
- C-1 HORIZONTAL SVE LEGS
- DAS-2 DEEP AIR SPARGING WELL
- MP-1 MULTIPURPOSE WELL (MONITORING OR REMEDIATION)
- TRENCHING FOR DEEP SPARGE CONVEYANCE PIPING
- AIR SPARGE TRENCHING

N

0 50 FT

APPROX. SCALE

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SITE MAP WITH EXISTING REMEDIATION SYSTEM LAYOUT

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
01CP.01396.50	DJH	JY	JY	5/26/08

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
01/27/05 [11]	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	2.42 [9]	0.0 [9]	NM	2.9
06/05/07	41	50,539	4.5	87.3	0.0 [9]	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	0.0 [9]	0.0 [9]	5.59 [9]	0.0
08/30/07	30	77,018	4.0	87.3	3.37 [9]	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	System Down Upon Arrival Due To Knockout Drum High-Level							
12/20/07	System Down Upon Arrival Due To Blower Malfunction							
01/31/08	System Down Pending Installation of New Blower							
02/29/08	System Down Pending Installation of New Blower							
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
07/07/08	32	NM	NM	124.4	0.2	0.4	0.6	0.3
08/11/08	35	29,381	25	NM	1.7	0	0	NM
09/25/08	24	NM	NM	NM	1	0.1	0.1	NM
10/14/08	19	NM	7	195.4	0.2	0	0	0.3
Total To Date	**1,225** [7]							**1,324** [8]
Total for 2008	**171**							**1.3**

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
	07/07/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	08/11/08	3.47	<0.0308	<0.0261	<0.0227	0.0497
	09/25/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	10/14/08	<2.36	NS	NS	NS	NS
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
	07/07/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	08/11/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	09/25/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	10/14/08	<2.36	NS	NS	NS	NS
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
	07/07/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	08/11/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	09/25/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	10/14/08	<2.36	NS	NS	NS	NS

TABLE 3
SVE WELL 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)
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
	07/07/08	7.05	<0.0308	<0.0261	<0.0227	0.0851
	08/11/08	8.91	0.102	<0.0261	0.0802	0.2610
	09/25/08	5.95	0.167	<0.0261	<0.0227	0.0547
	10/14/08	NS	NS	NS	NS	NS
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
	07/07/08	13.4	0.038	0.0715	0.0476	0.2270
	08/11/08	61.3	2.24	0.3660	0.219	0.5520
	09/25/08	62.7	2.79	0.1970	0.105	0.184
	10/14/08	50.5	1.35	0.2050	0.106	0.226
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
	07/07/08	22.8	0.0516	0.1500	0.147	0.7760
	08/11/08	1580	2.91	12.6000	11.5	48.8000
	09/25/08	2080	15.4	16.0000	14.1	59.100
	10/14/08	2190	5.49	16.1000	8.54	74.800
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
	07/07/08	11	0.0443	0.0468	<0.0227	0.0520
	08/11/08	29.9	0.131	0.1610	0.274	0.8910
	09/25/08	15.8	0.0363	<0.0261	0.0441	0.2390
	10/14/08	6.74	<0.0308	0.0306	0.0383	0.3090
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
	07/07/08	38.1	0.254	0.2470	0.0865	0.0752
	08/11/08	2490	13.9	12.5000	11.1	23.7000
	09/25/08	308	1.83	1.7200	2.01	1.7400
	10/14/08	198	1.53	1.6900	0.424	0.9890
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
	07/07/08	2.36	<0.0308	<0.0261	<0.0227	0.0508
	08/11/08	37.6	0.252	0.2000	0.237	0.6350
	09/25/08	13.3	0.0642	<0.0261	<0.0227	0.0657
	10/14/08	3.14	<0.0308	<0.0261	<0.0227	0.0898
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
	07/07/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	08/11/08	6.18	0.0308	0.0261	0.0548	0.1760
	09/25/08	34.9	0.466	0.0758	<0.0227	0.0475
	10/14/08	5.55	0.0548	<0.0261	<0.0227	0.0567
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
	07/07/08	12.3	0.0619	0.053	<0.0227	<0.0454
	08/11/08	34.6	0.319	0.188	0.0536	0.111

TABLE 3
SVE WELL 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)
TSVE-8	09/25/08	145	1.43	0.7880	0.14	0.0748
	10/14/08	49.2	0.405	0.1890	0.0302	0.0778
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
	07/07/08	4	<0.0308	<0.0261	<0.0227	<0.0454
	08/11/08	9.98	0.0602	0.0318	<0.0227	<0.0454
	09/25/08	4.67	<0.0308	<0.0261	<0.0227	<0.0454
	10/14/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
TSVE-10/	05/15/08	57.9	0.394	0.2690	0.104	0.4010
MW-66	06/05/08	29.9	0.187	0.1420	0.0687	0.5120
	07/07/08	26.7	0.191	0.1550	0.035	<0.0454
	08/11/08	112	0.949	0.5860	0.123	0.131
	09/25/08	233	0.668	1.78	0.29	0.1320
	10/14/08	114	1.32	0.469	0.0479	0.0535
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
	07/07/08	18	0.116	0.092	0.0248	<0.0454
	08/11/08	8.86	0.0494	<0.0261	<0.0227	<0.0454
	09/25/08	10.5	<0.0308	<0.0261	<0.0227	0.0497
	10/14/08	9.84	0.0638	0.0435	<0.0227	0.0673
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
	07/07/08	4.53	<0.0308	<0.0261	<0.0227	<0.0454
	08/11/08	6.8	0.121	0.0270	<0.0227	0.0764
	09/25/08	7.09	0.179	0.0298	<0.0227	0.0704
	10/14/08	7.2	0.158	0.0475	<0.0227	0.0595
A-1	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	NS	NS	NS	NS	NS
	07/07/08	NS	NS	NS	NS	NS
	08/11/08	NS	NS	NS	NS	NS
	09/25/08	NS	NS	NS	NS	NS
	10/14/08	NS	NS	NS	NS	NS
A-2	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	NS	NS	NS	NS	NS
	07/07/08	NS	NS	NS	NS	NS
	08/11/08	NS	NS	NS	NS	NS
	09/25/08	NS	NS	NS	NS	NS
	10/14/08	NS	NS	NS	NS	NS
A-3	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	NS	NS	NS	NS	NS
	07/07/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	08/11/08	NS	NS	NS	NS	NS
	09/25/08	16.7	<0.0308	0.0385	<0.0227	0.0987
	10/14/08	NS	NS	NS	NS	NS
B-1	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	NS	NS	NS	NS	NS

TABLE 3
SVE WELL 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)
B-1	07/07/08	NS	NS	NS	NS	NS
	08/11/08	NS	NS	NS	NS	NS
	09/25/08	NS	NS	NS	NS	NS
	10/14/08	NS	NS	NS	NS	NS
B-2	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	NS	NS	NS	NS	NS
	07/07/08	NS	NS	NS	NS	NS
	08/11/08	NS	NS	NS	NS	NS
	09/25/08	NS	NS	NS	NS	NS
	10/14/08	NS	NS	NS	NS	NS
B-3	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	NS	NS	NS	NS	NS
	07/07/08	NS	NS	NS	NS	NS
	08/11/08	NS	NS	NS	NS	NS
	09/25/08	NS	NS	NS	NS	NS
	10/14/08	NS	NS	NS	NS	NS
C-1	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	NS	NS	NS	NS	NS
	07/07/08	NS	NS	NS	NS	NS
	08/11/08	NS	NS	NS	NS	NS
	09/25/08	NS	NS	NS	NS	NS
	10/14/08	NS	NS	NS	NS	NS
C-2	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	NS	NS	NS	NS	NS
	07/07/08	NS	NS	NS	NS	NS
	08/11/08	NS	NS	NS	NS	NS
	09/25/08	NS	NS	NS	NS	NS
	10/14/08	NS	NS	NS	NS	NS
C-3	05/15/08	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	06/05/08	NS	NS	NS	NS	NS
	07/07/08	NS	NS	NS	NS	NS
	08/11/08	NS	NS	NS	NS	NS
	09/25/08	NS	NS	NS	NS	NS
	10/14/08	NS	NS	NS	NS	NS

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

Date	Header Pressure	Air Flowrates per Air Sparge Point (SCFM)							
		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	NM	<2	<2	<2	<2	<2	3.0	8.0	<2
06/05/08	NM	NM	NM	NM	NM	NM	NM	NM	NM
07/07/08	NM	NM	NM	NM	NM	NM	NM	NM	NM
08/11/08	NM	NM	NM	NM	3.4	NM	3.6	NM	3.6
09/25/08	NM	NM	NM	NM	NM	NM	3.8	NM	NM
10/14/08	NM	NM	NW	NM	W	NM	3.2	NM	W
Average:	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**

Date	Header Pressure	Air Flowrates per Air Sparge Point (SCFM)							
		AS-9	AS-10	AS-11	AS-12	AS-13	AS-14	AS-15	AS-16
04/08/08	NM	NM	NM	NM	NM	NM	NM	NM	NM
05/15/08	NM	<2	<2	<2	<2	<2	5.0	2.5	2.5
06/05/08	NM	NM	NM	NM	NM	NM	NM	NM	NM
07/07/08	NM	NM	NM	NM	NM	NM	NM	NM	NM
08/11/08	NM	NM	8.8	NM	4.0	NM	5.6	NM	2.0
09/25/08	NM	NM	NM	NM	4.0	NM	5.0	NM	2.2
10/14/08	NM	NM	W	NM	3.2	NM	NW	NM	2
Average:	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**

Date	Header Pressure	Air Flowrates per Air Sparge Point (SCFM)				
		AS-17	AS-18	AS-19	AS-20	AS-21
04/08/08	NM	NM	NM	NM	NM	NM
05/15/08	<2	<2	3.0	3.6	3.8	3.0
06/05/08	NM	NM	NM	NM	NM	NM
07/07/08	NM	NM	NM	NM	NM	NM
08/11/08	NM	NM	4.2	NM	5.4	NM
09/25/08	NM	NM	4.0	NM	4.5	NM
10/14/08	NM	NM	4	NM	5	NM
Average:	**N/A**	**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
NW = not working at time of reading
W = water in flow meter at time of reading
[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 ConocoPhillips Site No. 255353
600 Westlake Avenue North
Seattle, Washington

Date	Header Pressure (psig)	Air Flowrates per Air Sparge Point (SCFM)														
		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	8	8	3	<3	5	11	12	8
02/28/04	4	11	12	14	11	11	12	13	8	8	3	4	<3	10	11	9
03/30/04	5	11	12	14	11	12	12	14	8	8	<3	<3	<3	10	12	8
04/28/04	NM	10.5	11.5	14	10.5	11	11.5	13.5	8	7.5	<3	<3	<3	9	10.5	7
05/27/04	4.5	10	11	14	9	10	11	12	7	7	<3	<3	<3	5.5	9	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	9	9.5	11	6	4.5	<3	<3	4	<3	9.5	7
10/28/04	4.5	9.5	10	11.5	9.5	9	9.5	10.5	5.5	4	<3	<3	<3	<3	10	6
11/22/04	4.5	8.5	10	10.5	9	9	9.5	10.5	5	3.5	<3	<3	<3	<3	8	6
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	<3	<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	<3	<3	<3	9.7	5
03/17/05	4.5	6.0	9.5	11.5	8.5	8	9	8	3	3	<3	<3	<3	<3	10	<3
04/15/05	5	8.0	9	11	8	8	8.5	4	<3	<3	<3	<3	<3	<3	9	4.5
05/11/05	5	8.2	9	11.5	8	8	8.5	3	<3	<3	<3	<3	<3	<3	8.5	3
06/21/05	7	5.0	4.5	5	4.5	3	3.5	3.5 E	9	5 E	<3	<3	<3 E	<3	5.5	5 E
08/23/05	7	5.0	5	5.5	5	1	1	1	7	6	1	1	1	0	4	9
09/30/05	8	5.5	5.5	7	6	3	<3	<3E	5.5	6.5	<3	<3	<3	<3	4	<3
10/25/05	8.5	<3	5	6	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	-	<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	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	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	6	15	10	4	7	0	6	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	9	0	0	0	0	9	0
06/05/07	5	15	10	2.5	6	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	9	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	3	9	1.5	1.5	1.5	1.5	9	1.5
09/19/07	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO

TABLE 5
ON SITE AIR SPARGE UNIT OPERATIONAL SUMMARY
Former ConocoPhillips Site No. 255353
600 Westlake Avenue North
Seattle, Washington

Date	Header Pressure (psig)	Air Flowrates per Air Sparge Point (SCFM)														
		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	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
10/24/07	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
11/26/07	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO
12/20/07	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO
01/31/08	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO	NIO
02/29/08	System Down Pending Installation of New Compressor															
03/06/08	11.5	No Longer Moniter On Site AS System - Currently Monitor AS System Located in Westlake AVE														
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**

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

Date	Header Pressure (psig)	Air Flowrates per Air Sparge Point (SCFM)				
		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	NM	NM	NM	NM	NM	NM
10/24/07	NM	NM	NM	NM	NM	NM
11/26/07	DAS System No Longer in Operation					

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

Date	Time	EFR-1		EFR-2		EFR-3		MW-48		MW-65		MW-88		Total Gallons of Water Removed During Event
		Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	
10/24/07	8:30	3	NR	3	NR	3	NR	NA	NA	NA	NA	NA	NA	511
	12:30	NA	NA	NA	NA	NA	NA	3	NR	3	NR	3	NR	
11/15/07	9:00	4.4	NR	4.4	NR	4.4	NR	NA	NA	NA	NA	NA	NA	1,018
	11:00	4.4	0.0	4.4	0.0	4.4	0.0	NA	NA	NA	NA	NA	NA	
	13:00	NA	NA	NA	NA	NA	NA	6.3	3.2	6.3	5.2	6.3	175	
11/29/07	9:15	5.9	0.3	5.5	0.1	5.5	0.2	NA	NA	NA	NA	NA	NA	1,425
	13.15	NA	NA	NA	NA	NA	NA	6.6	3.7	6.6	1.7	6.3	14.8	
	15:00	NA	NA	NA	NA	NA	NA	6.6	2.5	6.6	1.7	6.3	5.8	
12/13/07	9:00	6.3	0.5	6.3	0.6	6.3	0.5	NA	NA	NA	NA	NA	NA	1,636
	12:30	6.3	0.4	6.3	0.0	6.3	0.0	NA	NA	NA	NA	NA	NA	
	13:00	NA	NA	NA	NA	NA	NA	NR	1.5	NR	0	NR	5.6	
12/27/07	8:10	NA	NA	NA	NA	NA	NA	6.6	1.2	6.6	3.7	6.6	10.1	1,769
	10:02	NA	NA	NA	NA	NA	NA	6.4	0.5	6.4	1.2	6.4	9.7	
	12:01	NA	NA	NA	NA	NA	NA	6.7	0	6.7	0.5	6.7	9.8	
	12:12	6.4	5.7	6.5	1.2	6.4	0.5	NA	NA	NA	NA	NA	NA	
	14:11	6.1	4.7	6.2	0.1	6.1	0	NA	NA	NA	NA	NA	NA	
	16.:22	6.3	NR	6.3	NR	6.2	NR	NA	NA	NA	NA	NA	NA	
01/10/08	9:05	9.0	0.0	9.0	5.3	9.0	0.0	NA	NA	NA	NA	NA	NA	1,253
	10:25	9.0	0.0	9.0	0.0	9.0	0.0	NA	NA	NA	NA	NA	NA	
	11:30	9.0	0.0	9.0	0.0	9.0	0.0	NA	NA	NA	NA	NA	NA	
	12:25	9.0	0.0	9.0	0.0	9.0	0.0	NA	NA	NA	NA	NA	NA	
	13:00	NA	NA	NA	NA	NA	NA	9	0.0	9	0.0	9	0.0	
	14:20	NA	NA	NA	NA	NA	NA	9	0.0	9	0.0	8.5	0.0	
	15:40	NA	NA	NA	NA	NA	NA	8.5	NR	9	NR	9	NR	
01/24/08	9:53	8.0	0.0	8.0	0.2	8.0	0.0	NA	NA	NA	NA	NA	NA	1,936
	10:50	9.0	0.0	8.0	0.0	8.0	0.0	NA	NA	NA	NA	NA	NA	
	11:30	9.0	0.1	8.0	0.0	8.0	0.0	NA	NA	NA	NA	NA	NA	
	12:15	8.0	0.0	8.0	0.0	8.0	0.0	NA	NA	NA	NA	NA	NA	
	13:20	8.0	0.0	8.0	0.0	8.0	0.0	NA	NA	NA	NA	NA	NA	
	13:30	NA	NA	NA	NA	NA	NA	8	0.0	8	0.0	9	0.0	
	14:00	NA	NA	NA	NA	NA	NA	8	0.0	8	0.0	8	0.0	
	14:30	NA	NA	NA	NA	NA	NA	8	0.2	9	0.0	8	0.1	
	15:30	NA	NA	NA	NA	NA	NA	8	0.0	8	0.0	8	0.1	
	16:30	NA	NA	NA	NA	NA	NA	8	0.0	9	0.0	8	0.0	

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

Date	Time	EFR-1		EFR-2		EFR-3		MW-48		MW-65		MW-88		Total Gallons of Water Removed During Event
		Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	
02/07/08	10:35	14.0	0.0	14.0	0.1	14.0	0	NA	NA	NA	NA	NA	NA	
	11:15	15.0	0.0	15.0	0.4	14.0	0	NA	NA	NA	NA	NA	NA	
	11:35	16.0	0.0	16.0	0.2	16.0	0	NA	NA	NA	NA	NA	NA	
	12:35	16.0	0.0	16.0	0.0	16.0	0	NA	NA	NA	NA	NA	NA	
	12:50	NA	NA	NA	NA	NA	NA	13	0.0	13	0.0	13	0.0	
	13:30	NA	NA	NA	NA	NA	NA	13	0.2	13	1.1	13	0.0	
	14:30	NA	NA	NA	NA	NA	NA	12	0.2	13	0.0	13	0.0	1,497
	15:00	NA	NA	NA	NA	NA	NA	12	0.0	13	0.0	13	0.0	
	16:00	NA	NA	NA	NA	NA	NA	12	0.0	12	0.0	12	0.0	
	16:30	NA	NA	NA	NA	NA	NA	12	0.0	13	0.0	13	0.0	
	17:00	NA	NA	NA	NA	NA	NA	13	0.0	13	0.0	12	0.0	
	17:30	NA	NA	NA	NA	NA	NA	13	0.0	13	0.0	13	0.0	
02/21/08	8:17	12.0	0.0	12.0	0.0	12.0	0	NA	NA	NA	NA	NA	NA	
	8:50	16.0	0.0	16.0	0.0	16.0	0	NA	NA	NA	NA	NA	NA	
	9:15	13.0	0.0	13.0	0.0	13.0	0	NA	NA	NA	NA	NA	NA	
	9:45	10.0	0.0	9.0	0.0	9.0	0	NA	NA	NA	NA	NA	NA	
	10:30	9.0	0.0	9.0	0.0	9.0	0	NA	NA	NA	NA	NA	NA	
	11:00	9.0	0.0	10.0	0.0	11.0	0	NA	NA	NA	NA	NA	NA	
	12:00	15.0	NR	15.0	NR	15.0	NR	NA	NA	NA	NA	NA	NA	
	12:20	NA	NA	NA	NA	NA	NA	10	0.0	10	0.0	10	0.0	1,077
	13:00	NA	NA	NA	NA	NA	NA	12	0.0	11	0.0	12	0.0	
	13:51	NA	NA	NA	NA	NA	NA	12	0.0	12	0.0	12	0.0	
	14:15	NA	NA	NA	NA	NA	NA	12	0.0	12	0.0	12	0.0	
	15:00	NA	NA	NA	NA	NA	NA	12	0.0	12	0.0	12	0.0	
	15:25	NA	NA	NA	NA	NA	NA	12	0.0	12	0.0	12	0.0	
	16:10	NA	NA	NA	NA	NA	NA	12	0.0	12	0.0	12	0.0	
03/06/08	9:00	NA	NA	NA	NA	NA	NA	12	0.0	NA	NA	12	0.0	
	9:30	NA	NA	NA	NA	NA	NA	15	0.0	NA	NA	15	0.0	
	10:05	NA	NA	NA	NA	NA	NA	15	0.0	NA	NA	15	0.0	
	10:50	NA	NA	NA	NA	NA	NA	15	0.0	NA	NA	15	0.0	
	11:20	NA	NA	NA	NA	NA	NA	12	0.0	NA	NA	12	0.0	
	12:20	NA	NA	NA	NA	NA	NA	12	0.0	NA	NA	12	0.0	
	12:45	NA	NA	NA	NA	NA	NA	15	0.0	NA	NA	15	0.0	1,936
	13:20	NA	NA	NA	NA	NA	NA	15	0.0	NA	NA	15	0.0	
	14:00	NA	NA	NA	NA	NA	NA	13	0.0	NA	NA	13	0.0	
	15:00	NA	NA	NA	NA	NA	NA	15	0.0	NA	NA	15	0.0	
	15:39	NA	NA	NA	NA	NA	NA	14	0.0	NA	NA	14	0.0	
	16:30	NA	NA	NA	NA	NA	NA	15	0.0	NA	NA	15	0.0	
03/20/08	8:30	12.0	0.0	12.0	0.0	12.0	0	NA	NA	NA	NA	NA	NA	
	9:20	10.0	0.0	10.0	0.0	10.0	0	NA	NA	NA	NA	NA	NA	
	10:00	7.0	0.0	7.0	0.0	7.0	0	NA	NA	NA	NA	NA	NA	
	10:30	9.0	0.0	9.0	0.0	9.0	0	NA	NA	NA	NA	NA	NA	
	11:30	9.0	0.0	9.0	0.0	9.0	0	NA	NA	NA	NA	NA	NA	

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

Date	Time	EFR-1		EFR-2		EFR-3		MW-48		MW-65		MW-88		Total Gallons of Water Removed During Event
		Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	
	12:00	8.0	0.0	9.0	0.0	9.0	0	NA	NA	NA	NA	NA	NA	2,001
	12:10	NA	NA	NA	NA	NA	NA	7	0.0	8	0.0	8	0.0	
	13:00	NA	NA	NA	NA	NA	NA	9	0.0	10	0.0	11	0.0	
	13:30	NA	NA	NA	NA	NA	NA	9	0.1	9	0.0	9	0.0	
	14:10	NA	NA	NA	NA	NA	NA	7	0.0	7	0.0	7	0.0	
	15:15	NA	NA	NA	NA	NA	NA	12	0.0	12	0.0	12	0.0	
04/03/08	8:15	NA	NA	NA	NA	NA	NA	10	0.0	NA	NA	10	0.0	
	9:00	NA	NA	NA	NA	NA	NA	9	0.0	NA	NA	10	0.0	
	10:00	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	11	0.0	
	10:30	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	11	0.0	
	11:30	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	11	0.0	879
	12:40	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	10	0.0	
	13:45	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	11	0.0	
	14:50	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	11	0.0	
	15:30	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	11	0.0	
	16:00	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	11	0.0	
04/17/08	8:15	NA	NA	NA	NA	NA	NA	15	0.0	NA	NA	14	0.0	
	9:15	NA	NA	NA	NA	NA	NA	12	0.0	NA	NA	12	0.0	
	10:00	NA	NA	NA	NA	NA	NA	13	0.0	NA	NA	13	0.0	
	11:00	NA	NA	NA	NA	NA	NA	12	0.0	NA	NA	13	0.0	
	12:00	NA	NA	NA	NA	NA	NA	13	0.0	NA	NA	13	0.0	778
	13:10	NA	NA	NA	NA	NA	NA	12	0.0	NA	NA	12	0.0	
	14:15	NA	NA	NA	NA	NA	NA	13	0.0	NA	NA	13	0.0	
	15:00	NA	NA	NA	NA	NA	NA	13	0.0	NA	NA	13	0.0	
	16:10	NA	NA	NA	NA	NA	NA	13	0.0	NA	NA	13	0.0	
05/15/08	8:45	10.0	0.0	10.0	0.0	10.0	0	NA	NA	NA	NA	NA	NA	
	8:50	NA	NA	NA	NA	NA	NA	10	0.0	10	0.0	9	0.0	
	9:33	10.0	0.0	12.0	0.0	10.0	0	NA	NA	NA	NA	NA	NA	
	9:35	NA	NA	NA	NA	NA	NA	10	0.0	10	0.0	10	0.0	
	10:55	11.0	0.1	12.0	0.0	11.0	0	NA	NA	NA	NA	NA	NA	1,961
	11:20	NA	NA	NA	NA	NA	NA	10	0.0	11	0.0	10	0.0	
	14:00	NA	NA	NA	NA	NA	NA	10	0.0	11	0.0	9	0.0	
	16:00	10.0	0.0	10.0	0.0	10.0	0	NA	NA	NA	NA	NA	NA	
05/30/08	7:50	NA	NA	NA	NA	NA	NA	12	0.0	NA	NA	13	0.0	
	9:00	NA	NA	NA	NA	NA	NA	12	0.1	NA	NA	11	0.0	

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

Date	Time	EFR-1		EFR-2		EFR-3		MW-48		MW-65		MW-88		Total Gallons of Water Removed During Event
		Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	Vacuum (In. Hg)	VOCs (ppmV)	
	10:00	NA	NA	NA	NA	NA	NA	12	0.0	NA	NA	12	0.0	
	11:07	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	12	0.0	
	12:15	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	11	0.0	629
	13:20	NA	NA	NA	NA	NA	NA	12	0.1	NA	NA	12	0.0	
	14:00	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	12	0.0	
	15:00	NA	NA	NA	NA	NA	NA	11	0.0	NA	NA	12	0.0	
	16:15	NA	NA	NA	NA	NA	NA	12	0.0	NA	NA	12	0.0	
06/26/08	8:10	7.0	0.3	8.0	0.4	9.0	0.4	7	1.9	7	0.2	7	0.2	
	10:10	9.0	1.5	9.0	1.6	9.0	0.6	9	5.8	9	1.0	9	1.1	2,049
	11:40	9.0	0.7	9.0	0.0	9.0	0.1	10	5.0	10	0.7	10	0.9	
	15:20	10.0	4.7	10.0	2.0	10.0	2.1	10	20.8	10	3.5	10	2.3	
07/10/08	8:43	NA	NA	NA	NA	NA	NA	12	70.4	NA	NA	13	11.9	
	10:12	NA	NA	NA	NA	NA	NA	12	15.2	NA	NA	12.5	3.7	
	11:45	NA	NA	NA	NA	NA	NA	11	3.4	NA	NA	11	1.8	800
	13:15	NA	NA	NA	NA	NA	NA	11.5	2.6	NA	NA	11	1.5	
	14:41	NA	NA	NA	NA	NA	NA	11.5	1.8	NA	NA	11.5	1.2	
	15:58	NA	NA	NA	NA	NA	NA	11	5.8	NA	NA	11	2.1	
07/24/08	8:23	NA	NA	NA	NA	NA	NA	12	0.4	NA	NA	12	1.6	
	9:52	NA	NA	NA	NA	NA	NA	12	8.3	NA	NA	13	2.7	
	11:21	NA	NA	NA	NA	NA	NA	12.0	0.4	NA	NA	12.5	0	987
	12:50	NA	NA	NA	NA	NA	NA	12.5	0.0	NA	NA	12.5	0.0	
	13:55	NA	NA	NA	NA	NA	NA	12.5	0	NA	NA	12.5	0	
	14:50	NA	NA	NA	NA	NA	NA	12	0	NA	NA	13	0	
08/11/08	8:36	10	6.8	10.0	8.8	10	4.2	10	1.5	10	5.8	10	16.6	
	9:49	9	16.2	9.0	8.0	9	6.3	9	3.3	9	4.4	9	9.3	
	11:16	9	5.6	9.0	3.3	9	3.3	9	1	9	4	9	1.4	2600
	13:11	9	4.1	9.0	3.8	9	3.1	8.5	0.6	9	4	9	4	
	14:12	9	3.4	9.5	2.3	10	0.9	9	0.3	9	3.3	9	5.8	
	15:45	9	1.8	9.0	1.6	9	1.2	9	0.5	9	7.9	9	3.5	
08/21/08	7:38	NA	NA	NA	NA	NA	NA	NM	111	NA	NA	NM	51.8	
	8:10	NA	NA	NA	NA	NA	NA	NM	177	NA	NA	NM	25	
	9:20	NA	NA	NA	NA	NA	NA	6	113	NA	NA	6	168	
	10:50	NA	NA	NA	NA	NA	NA	6	138	NA	NA	6	56.8	1400
	11:40	NA	NA	NA	NA	NA	NA	6	319	NA	NA	6	62.8	
	12:45	NA	NA	NA	NA	NA	NA	6	76.4	NA	NA	6	46.3	
	13:35	NA	NA	NA	NA	NA	NA	6	124	NA	NA	6	48.7	
	14:40	NA	NA	NA	NA	NA	NA	6	64	NA	NA	6	48.9	

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 8
EFR AIR ANALYTICAL RESULTS
FORMER 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
start	8/11/2008	4.48	<0.0308	0.0319	0.0354	0.199
end	8/11/2008	<2.36	<0.0308	<.0261	<0.0227	<0.0454
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
start	8/11/2008	2.51	<0.0308	<0.0261	<0.0277	0.0654
end	8/11/2008	<2.36	<0.0308	<0.0261	<0.0227	0.0463
EFR-3	11/15/2007[a]	<5.9	<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	3.94	<0.0308	<0.0261	0.0391	0.0554
start	8/11/2008	<2.36	<0.0308	<0.0261	<0.0227	0.0565
end	8/11/2008	<2.36	<0.0308	<0.0261	<0.0227	0.048
MW-48	11/15/2007[a]	6.02	<0.617	<0.523	<0.454	<0.908
	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	<0.0227	<0.0454
end	3/6/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
	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	0.0314	<0.0227	0.0536

TABLE 8
EFR AIR ANALYTICAL RESULTS
FORMER CONOCOPHILLIPS SITE 255353
600 WESTLAKE AVENUE N
SEATTLE, WA

Well	Date	TPH-g (ppmV)	Benzene (ppmV)	Toluene (ppmV)	Ethylbenzene (ppmV)	Total Xylenes (ppmV)
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	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
end	6/26/2008	378	1.51	2.16	2.72	3.36
start	7/10/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	7/10/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
start	7/24/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	7/24/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
start	8/11/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
end	8/11/2008	<2.36	<0.0308	<0.0261	<0.0227	<0.0454
start	8/21/2008	1050	5.2	5.28	2.82	2.31
end	8/21/2008	46.5	0.16	0.276	0.897	1.47
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
start	8/11/2008	9.55	0.054	<0.0261	0.0239	0.0487
end	8/11/2008	54.2	0.403	0.29	0.0892	0.096
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

TABLE 8
EFR AIR ANALYTICAL RESULTS
FORMER CONOCOPHILLIPS SITE 255353
600 WESTLAKE AVENUE N
SEATTLE, WA

Well	Date	TPH-g (ppmV)	Benzene (ppmV)	Toluene (ppmV)	Ethylbenzene (ppmV)	Total Xylenes (ppmV)
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
start	7/10/2008	<2.36	<0.0308	0.0687	<0.0227	0.0778
end	7/10/2008	<2.36	<0.0308	0.0687	<0.0227	0.0778
start	7/24/2008	<2.36	<0.0308	0.0687	<0.0227	0.0778
end	7/24/2008	<2.36	<0.0308	0.0687	<0.0227	0.0778
start	8/11/2008	<2.36	<0.0308	0.0687	<0.0227	0.0778
end	8/11/2008	4.09	<0.0308	<0.0261	0.04	0.0772
start	8/21/2008	25.3	0.153	0.204	0.122	0.121
end	8/21/2008	223	0.664	1.12	2.6	3.81

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 9
EFR WATER ANALYTICAL RESULTS
FORMER CONOCOPHILLIPS SITE 255353
600 WESTLAKE AVENUE N
SEATTLE, WA

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
start	8/11/2008	**908**	1.88	<0.500	39	84.5
end	8/11/2008	**1010**	1.92	<0.500	37.1	88.4
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
start	8/11/2008	**947**	1.92	<0.500	38.5	85.3
end	8/11/2008	**933**	1.96	<0.500	35.6	81.5
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
start	8/11/2008	366	0.699	<0.500	14.5	31.1
end	8/11/2008	359	0.779	<0.500	13.4	29.0
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

TABLE 9
EFR WATER ANALYTICAL RESULTS
FORMER CONOCOPHILLIPS SITE 255353
600 WESTLAKE AVENUE N
SEATTLE, WA

Well	Date	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
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**
start	7/10/2008	379	2.76	<0.500	18.9	32.50
end	7/10/2008	273	1.16	<0.500	8.49	17.50
start	7/24/2008	577	4.68	<0.500	29.1	38.30
end	7/24/2008	672	3	<0.500	26.5	56.70
start	8/11/2008	356	2.17	<0.500	19.8	26.40
end	8/11/2008	656	3.77	<0.500	36.1	63.50
start	8/21/2008	**6780**	**48**	4.16	415	853.00
end	8/21/2008	**6850**	**27.4**	3.92	344	840.00
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
start	8/11/2008	130	<0.500	<0.500	3.7	6.2
end	8/11/2008	152	0.847	<0.500	4.95	8.5
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

TABLE 9
EFR WATER ANALYTICAL RESULTS
FORMER CONOCOPHILLIPS SITE 255353
600 WESTLAKE AVENUE N
SEATTLE, WA

Well	Date	TPH-g (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)
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
start	7/10/2008	**890**	0.55	<0.500	11.5	38.10
end	7/10/2008	**1,670**	1.23	<0.500	39.2	134.00
start	7/24/2008	**1,350**	0.999	<0.500	25	94.20
end	7/24/2008	**833**	0.514	<0.500	15.7	54.80
start	8/11/2008	**3,020**	3.16	0.898	96.3	242.00
end	8/11/2008	**2,450**	2.03	0.536	65.3	184.00
start	8/21/2008	**5,800**	5.64	<0.500	119	392.00
end	8/21/2008	**5,340**	3.96	<0.500	114	355.00
MTCA Method A Cleanup Level for Groundwater		**1000/800[a]**	**5**	**1000**	**700**	**1000**

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 1,000µg/L when benzene is **not** present in the sample. The MTCA Method A Cleanup Level is reduced to 800 µg/L when benzene is present in the sample.

ATTACHMENT A
AS/SVE Remediation System O&M and EFR Event Logs

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

7-7-08

SUNNY 73°F

12:44 ONSITE LINDA RAWLINS
DANNY BONAVENTO

CALLED P.M. (FOR ROUNDS)

12:51 PUT ON PPE

1:00 REVIEW HASP – NEED NEW COPY OF HOSP DIRECTIONS

1:11 LOCK ON INVESTOR SIDE UNLOCKED

1:20 WALKED SITE

1:34 GOT PAPER WORK TOGETHER / UNPACKED TOOLS

FLOW	PID	TEMP °F		SAMP
2533	0.6	103.0	TOTAL EFF	14:40
	0.4		BETWEEN C	14:46
	0.2		INF	14:47
	0.2		TOT WELLFIELD	

		PID	SAMP T	TEMP(F)	FLOW(cfm)	in Hg
SVE	1	3.5	15:17	86.1	1475	1.0
	2	6.1	15:20	87.6	1430	1.0
	3	14.8	15:21	89.4	1500	1.0
	4	5.7	15:23	92.1	1775	1.0
	5	18.0	15:24	90.8	1930	1.0
	6	1.7	15:25	89.0	~~550~~ 1350	1.0
	7	0.4	15:26	WATER IN TUBE		~~1.5~~ 1.0
	8	5.0	15:27	87.7	1430	1.0
	9	1.2	15:28	88.5	1375	1.0
	10	12.5	15:29	89.4	1540	1.0
	11	5.9	15:30	90.8	1575	1.0
	12	1.9	15:31	92.5	1730	1.0

			in H_2O	TEMP	FLOW / VALVE CLOSED	
C1	0.4		~~10.0~~ 18.5	85.4	80.7 ~~85~~	224 256
C2	0.2		15.0 15.0	84.0	78.2	238 243
C3	0.1		14.0 10.0	80.2 (78.4)		276 (260)
B3	0.1		14.00	68.3		264
B2	0.1		12.0	64.9		8324
B1	0.3		~~8.6~~ 14.0	81.6		241
A3	2.6	14:54	14.0	82.2		276

NOTES: HOSP. DIRECTIONS / BINDER

					2
A2	0.3		15.0	84.0	238
A1	0.4		10.0	85.4	225

NOTE ISOLATE & BLOCK PORT WHEN TAKING FLOW

7-7-08

16:00 TEST AMERICA PICKED UP SAMPLES
16:10 TOOK TEMP + FLOW
16:44 MOVED TRUCK TO REPLACE GAUGES FROM in Hg to in H_2O
17:02 STARTING TO PACK UP / CLEAN UP
17:02 CALLED PM (JEN YOTZ) LEAVING SITE

5353/1396

7-10-08
SUNNY ~START 60's

6:30 LINDA RAWLINS, DANNY BENAVENTE } ARRIVE ON SITE
called P.M (JEW YOTZ) e-mail (Voice) not set. Called ~~P.M~~ Joe Rounds to let know arrived on site.
6:43 Put on PPE.
6:45 Talked to "Chris" op. manager of West Marine to let know on-site.
6:50 Unlock get Hasp. plug in cord for
7:00 Vac truck on-site: Noel
Paul
Shawn
7:05 HASP / TAILGATE SAFETY
7:20 VIDEO FOR CONTRACTOR
7:30 Site walk
7:48 Clean Harbors SAFETY MEETING
7:53 Truck walk around. Show emergency shut off's, spill kits, fire ext.
8:00 Getting truck into position.
* Weed on Valley East gate need cut to be able to open gate. (Slide gate)
Took cell picture of problem
8:24 Field equip. is set up and ready. Vac truck getting set.
8:30 Began Vac
8:43 Took readings
9:12 Air Samples
9:15 Pump died - CANNOT GET HOLD OF EITHER PM cell or office
9:40 Called PM. Bringing down new pump, will keep trying at intervals as pump cools
9:50 Got MW-48 still trying for MW-88
10:06 Able to get MW-88 AM H_2O sample.
11:15 House keeping, Picking up trach w/ tongs and shovel
11:45 Take readings - cloudy 70's
12:00 Found 2nd syringe on-site. Delineated
12:~~30~~ Notify P.M. of syringe.

L. Rawlins

7-10-08 1396/5353

12:30 More cleanup in compounds
*Note: O&M compounds fire ext. needs tag.
1:05 Opened ~~odd~~ even, closed odd sparge wells on Westlake manifold.
1:15 Take readings.
2:00 Walked site again took pictures
2:20 Joe called to verify time for signing manifest ~4:30 after 8hr vac event.
2:45 Take readings // site photos
3:17 Take last lab air and H_2O samples for Test America
3:58 Last readings
4:33 Joe Rounds onsite
5:10 OFF site: talked to both PM's

WestLake Bi-Monthly EFR Event Data Table

DATE: 7-10-08 L RAWLINS / D. BENAVENTE

Well ID	Time	Vaccuum (inHg)	VOC's PID (PPM)	Air Sample Time (24:00)	Water Sample Time (24:00)
MW-48	8:43	12.0	70.4	9:12	09:54
MW-88	8:45	13.0	11.9	9:14	10:06
MW-48	10:12	12.0	15.2		
MW-88	10:12	12.5	3.7		
MW-48	11:45	11.0	3.4		
MW-88	11:47	11.0	1.8		
MW-48	13:15	11.5	2.6		
MW-88	13:17	11.0	1.5		
MW-48	14:41	11.5	1.8	~~3:1~~ 15:17	15:21
MW-88	14:43	11.5	1.2	15:19	15:27
MW-48	15:58	11.0	5.8		
MW-88	16:00	11.0	2.1		

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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 924-9290
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

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: CP/STANTEC

INVOICE TO: SAME

REPORT TO: JEN YOTZ

ADDRESS: 12034 134th Ct NE, SUITE 102 REDMOND, WA 98052

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

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP-01396.41

SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses: [10] STD. [7] [5] [4] [3] [2] [1] [<1]

Petroleum Hydrocarbon Analyses: [5] STD. [4] [3] [2] [1] [<1]

[OTHER] Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE: HCl	HCl											MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
			REQUESTED ANALYSES: NWTPH-Dx	NWTPH-Gx BTEX														
1	MW-46 Air	7-10-08 @ 9:12	X	X											Air	1	WA 53<3	WA
2	MW-88 Air	@ 9:13	X	X												1		
3	MW-48 Air	@ 9:44	X	X												1		
4	MW-48 Air	@ 15:19	X	X											Air	1		
5	MW-45 H_2O	@ 9:54	X	X											H_2O	3V		
6	MW-98 H_2O	@ 10:06	X	X												3V		
7	MW-45 H_2O	@ 15:21	X	X												3V		
8	MW-88 H_2O	7-10-08 @ 15:27	X	X											H_2O	3V	WA 53<3	WA
9																		
10																		

RELEASED BY:	DATE: 7-10-08	RECEIVED BY: Sandra Villanueva	DATE: 7/11/08
PRINT NAME: L. RAWLINS FIRM: STANTEC	TIME:	PRINT NAME: FIRM: TAS	TIME: 1530
RELEASED BY:	DATE:	RECEIVED BY:	DATE:
PRINT NAME: FIRM:	TIME:	PRINT NAME: FIRM:	TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000(0108)

1396

7-24-08

Cloudy ~50's

7:00 Arrived on site - called PM (Jon Yoza) cell not set. Called PM (JR) and co-worker M.T Arrive on site Linda Rawlins.
purpose: EFR event and install new hose to Carbon Tank
7:05 Put on PPE
7:15 Unlock gates and get Hasp
7:20 Reviewed Hasp and started to set up.
7:30 Emerald on site, brought truck to Valley - got in to position.
7:40 Reviewed HASP and Safety with Paul (Emerald) and he in turn gave safety walk around with truck showing shut offs & safety features.
7:50 Started Vac
8:00 Hook up our pump and calibrate PID
8:23 Started to take readings and samples for A.M.
9:10 AM sample set complete
9:15 Clean up some trash
9:30 ~~Did site~~ Went to West Marine and checked in. Informed of August AWM
9:52 Vac & PID check
10:15 Switched AS wells (odd open / even closed)
10:30 Sunny Mid 70's °F
11:21 Vac & PID check
12:50 Vac & PID check
13:55 Vac & PID check
14:48 Gar set to take the last readings
15:10 J Rounds arrived onsite
15:25 Test America arrived onsite
15:34 Start packing up some equipment
16:00 JR Done changing hose in O&M compound
16:02 Disconnected Vac truck.
16:27 Off site

7/20/08

NOTES: STILL NEED VEGETATION CUT BACK, ENCROACHES ON FENCE LINE GATES AND EQUIPMENT.

WestLake Bi-Monthly EFR Event Data Table
DATE: 7/24/08

Well ID	Time	Vaccuum (inHg)	VOC's PID (PPM)	Air Sample Time (24:00)	Water Sample Time (24:00)
MW-48	8:23	12	6.4	8:30	8:47
MW-88	8:25	12	1.6	8:32	9:04
MW-48	9:52	12	8.3		
MW-88	9:54	13	2.7		
MW-48	11:21	12	0.4		
MW-88	11:22	12.5	0.0		
MW-48	12:50	12.5	0.0		
MW-88	12:51	12.5	0.0		
~~MW48~~ MW 48	13:55	12.5	0.0		
~~MW-48~~ MW88	13:57	12.5	0.0		
~~MW-88~~	—	—	—		
MW-48	14:50	12.0	0.0	14:51	14:57
MW-88	14:51	13.0	0.0	~~14:52~~ 14:53	15:20

SECOR

Field Report

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FIELD OFFICE:	DATE 7-31-08	CLIENT
	PROJECT NO. 5353 TASK NO.	SUBCONTRACTOR
TO:	LOCATION 600 WESTLAKE, SEATTLE	
	WEATHER OVERCAST ~60°	TEMP.

CHRONOLOGY OF FIELD ACTIVITIES/ISSUES/OBSERVATIONS

10:15 ARRIVE ON-SITE: LINDA RAWLINS, SCOTT MANWARING
10:17 CALLED PM. (SEAN YOTZ)
10:19 ~~PUT ON PPE~~
10:25 ~~GO IN TO GET HASP - SHOWED NEEDLES~~
10:27 ~~GO OVER HASP~~ + SAFETY MEETING *BRING NEW FIRE EXT. FOR O+M COMP. + TAGS
~~40+M COMPOUND.~~
10:32 ~~START SITE WALK~~
11:00 ~~SHUT OFF SYSTEM~~
11:13 LOCKED GATES
11:17 TAKE OFF PPE
11:20 CALL PM - OFF SITE

7/31/08

EQUIPMENT USED:	SUBCONTRACTOR HOURS:	STAFF HOURS:
MILEAGE:	REVIEWED BY:	
CC:	PREPARED BY:	

SECOR

Field Report

GEO-301

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FIELD OFFICE:	DATE: 8-11-08	PAGE: 1	CLIENT: COP
	PROJECT NO.: 1396	TASK NO.:	SUBCONTRACTOR:
TO:	LOCATION:		
	WEATHER: CLEAR / HOT		TEMP.: 80°-85°

CHRONOLOGY OF FIELD ACTIVITIES/ISSUES/OBSERVATIONS

12:30 - DEPART OFFICE / MOB

13:00 - ARRIVED ON SITE, CONTACTED MTOLLEY CONDUCTED TAILGATE H&S, W/ L. RAWLINGS & SCOTT

1400 - COMMENCE O&M & AIR SAMPLES FOR SYSTEM INF, MID & EFF. & WELL HEAD.

14:40 - FOUND 1 DRUG PARAPHANELIA (NICOLE SYRINGE) REPORTED TO M. TURLEY & P.M.

1500 - COMPLETED O&M PARAMETER READINGS @ SYSTEM. COMMENCE @ TERRY (MANIFOLD). SAMPLES TAKEN BY TEST AMERICA.

1600 - COMPLETED TERRY PROCEED TO WESTCAKE MANIFOLDS. LINDA R. ASSIST W/ VAC READINGS.

17:30 - COMPLETED WESTCAKE. SECURED ~~PORTA~~ POTTY'S & N GATE.

1800 - SECURED ALL CORDS & SYSTEMS GATE_S

18:30 - SECURED SITE SAFETY PLAN & KEY FOR PORTA POTTY. DEPARTED SITE.

NOTE: TERRY (MANIFOLD AIR SAMPLES TAKEN @ 16:03 - 16:35 AS PER PROJECT MANAGER. WILL BRING INTO OFFICE NEXT AM FOR TEST AMERICA.

* AIR SAMPLES FOR SVE 11 @ 16:30 & SVE-12 @ 16:35 8-11-08.

EQUIPMENT USED: COMPANY VEHICLE	SUBCONTRACTOR HOURS: N/A W/ TRAVEL	STAFF HOURS: 5.5
MILEAGE:	REVIEWED BY:	
CC:	PREPARED BY:	

* ALTERNATE – MANIFOLD
* SAMPLES TO COURIER BY 1500
* NOTE O&M DATA

Stantec Consulting
Remediation System Data

Date	8/11/08	PM	~~JTR~~
Personel	D. BRAUCHT	Project #	01CP.01396.
Arrival Time	13:00	Project Name	Former ConocoPhillips Service Station No. 255353
Departure Time			

Soil Vapor Extraction System

SVE System Status Upon Arrival	(On)	Off
SVE System Status Upon Departure	(On)	Off
SVE VFD Inlet Filter Cjecked	Yes	No
SVE Hours	2.16	
SVE Motor Amperage	FZ,	
Power Meter	29381	

SVE Monitoring Point	Vacuum (in/H2O)	Air Velocity (FPM)	Temp	PID (ppm)	Vapor Sample Collected (Y/N)	Comments
System Influent	NM	NM	—	1.7	Y	
System Mid	NM	NM	—	0.0	Y	
System Effluent	NM	NM	—	0.0	Y	

KO Drum Status

KO VAC – -25 H^2O

Drained	(Yes)	No
Filer Ckecked	(Yes)	No
Replaced	(Yes)	No

Air Sparge System

AS System Status Upon Arrival	On	(Off)
AS System Status Upon Departure	On	(Off)
AS Wells Active	Odd	(Even)
AS Motor Greased	Yes	(No)
AS Coupling Checked	(Yes)	No
AS Inlet Filter ✓		
AS Motor Amperage	NM	

ODD ON SWITCH TO EVEN

WESTLAKE AVG

Well ID	Pressure (psig)	Air Flow Rate (scfm)
AS-1 CLOSED		
AS-3 CLOSED	C.	
AS-5 PSI	NOT WORKING READS 6.05 WHEN OFF	
AS-7 CLOSED		
AS-9 CLOSED		
AS-11 CLOSED		
AS-13 CLOSED		

Well ID	Pressure (psig)	Air Flow Rate (scfm)
AS-2	6.5	NOT WORKING
AS-4	6.75	3.4
AS-6	6.5	3.6
AS-8	6.5	3.6
AS-10	7.0	8.8
AS-12	6.5	4.0
AS-14	~~6.55.0~~	5.6

AS-15	CLOSED			AS-16	6.75	2.0
AS-17	"			AS-18	7.0	4.2
AS-19	"			AS-20	7.0	5.4
AS-21	"			Header		

Stantec Consulting
Remediation System Data

Date	8-11-08	PM	
Personel	DCB	Project #	01CP.01396.
Arrival Time	13:00	Project Name	Former ConocoPhillips Service Station No. 255353
Departure Time			

Terry Avenue

SVE Monitoring Point	Vacuum (in/H2O	Air Velocity (FPM)	Temp	PID (ppm)	Vapor Sample Collected (Y/N)	Comments
SVE-1	1.75	129	83.8		YES	WELLS WERE ISOLATED FOR SAMPLE READINGS
SVE-2		122	82.3	13.2		
SVE-3		125	82.5	25.1		
SVE-4		133	82.9	15.5		
SVE-5		135	83.6	30.8		
SVE-6		147	83.5	36.3		
SVE-7		250	84.1	3.7		
SVE-8		133	84.9			
SVE-9		140	84.5	0		
MW-66 SVE 10		142	84.5	25.2		
MW-67 SVE 11		135	84.9	0		
MW-68 SVE 12	1.75	138	83.8	1.4	YES	

Westlake Avenue

SVE Monitoring Point	Vacuum (in/H2O	Air Velocity (FPM)	Temp	PID (ppm)	Vapor Sample Collected (Y/N)	Comments
A1 C1	12	198	82	.1	N	
A2 C2	8	198	81.1	0	N	
A3 C3	8	205	81.4	.1	N	
B1 B3	10	196	80.4	0	N	
B2 B2	9	2657	78.6	.1	N	
B3 B1	7	93	85.6	.2	N	
C1 A3	8	83	86.8	1.6	N	
C2 A2	10	93	92.0	.6	N	
C3 A1	6	93	95.5	1.5	N	

Heat Exchanger Inlet Clean	Yes	No			
Heat Exchanger Motor Amperage	~~~				
Piping Condition	OK				
City Investor Sump Pump	On	Off	**Reset**	Yes	No

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CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT:

REPORT TO: JON YOTZ

ADDRESS:

PHONE: FAX:

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY: DB

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses

10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | < 1

Petroleum Hydrocarbon Analyses

5 STD. | 4 | 3 | 2 | 1 | < 1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES											MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
				8015	8260													
1	SVE-1	8/11/08 - 16:03													AIR	1	5353	WA
2	SVE-2	8/11/08 - 16:07																
3	SVE-3	8/11/08 - 16:10																
4	SVE-4	8/11/08 - 16:12																
5	SVE-5	8/11/08 - 16:15																
6	SVE-6	8/11/08 - 16:18																
7	SVE-7	8/11/08 - 16:20																
8	SVE-8	8/11/08 - 16:22																
9	SVE-9	8/11/08 - 16:25																
10	SVE-10	8/11/08 - 16:27													AIR	1	5353	WA

RELEASED BY: DANNY BENAVENTE FIRM: STANTEC DATE: 8-12-08 TIME: 0830 AM

RECEIVED BY: Cathy Campbell FIRM: TA SEA DATE: 8/12/08 TIME: 9:20

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: KIP ECKERT / CP

INVOICE TO: SAME

REPORT TO: JEN OTTO

ADDRESS: 12034 134TH CT NE, SUITE 102 REDMOND WA. 98052

PHONE: 425-372-1584 FAX: 372 1650

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP.01396.41

SAMPLED BY: D. BENAVENTE

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses: ~~10~~ STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TPH-G	BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SVE-11	8/11/08 - 16:30	✓	✓	AIR	1	5353	WA
2	SVE-12	8/11/08 - 16:35	✓	✓	AIR	1	5353	WA
3								
4								
5								
6								
7								
8								
9								
10								

RELEASED BY: DANNY BENAVENTE STANTEC DATE: 8-12-08

PRINT NAME: FIRM: TIME: 0930

RECEIVED BY: Cathy Gambl DATE: 8/12/08

PRINT NAME: Cathy Gambl FIRM: TA Sea TIME: 9:25

RELEASED BY: DATE:

PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:

PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000(0108)

SITE VISITATION REPORT

August 11, 2008 EFR Event - 76 Service Station No. 255353, Seattle, WA

Name(s) LINDA, SCOTT, MARTY Date: 08-11-2008 Time of Arrival Call-In: 0630

Arrival Time: 0630 Departure Time: _____ Time of Departure Call-In _____

Who did you call? YOTZ

DRUM INVENTORY

1	WATER		CARBON	TOTAL OPEN TOP	
	SOIL		EMPTY	TOTAL BUNG TOP	

HEALTH AND SAFETY ASSESSMENT

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

ON SITE FOR GFR EVENT-

DRAINED KO POT ~ 30 GALLONS

2-NEW SYRINGES FOUND BY O&M EFF SAMPLE PORT-OUTSIDE COMPOUND

SECOR

Field Report

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FIELD OFFICE:	DATE 8-11-08	PAGE	CLIENT
	PROJECT NO. 5323	TASK NO.	SUBCONTRACTOR
TO:	LOCATION 600 W		
	WEATHER OVERCAST ~60° @ 6:30 AM		TEMP.

CHRONOLOGY OF FIELD ACTIVITIES/ISSUES/OBSERVATIONS

6:30 L. RAWLINS & SCOTT MANNING ON SITE
6:35 PUT ON PPE
PURPOSE EFR EVENT ALL WELLS
6:36 GET HASP GO OVER SAFETY
6:55 MARTY (VAC TRUCK) ONSITE (CERTIFIED CLEANING)
WENT OVER HASP / SAFETY V.I.P.O.
7:00 SET UP & GET TRUCK IN POSITION
7:55 VAC OUT KNOCK-OUT DRUM
- VAC TRUCK TOOK ~1 hour to be ready to VAC.
8:00 Move truck into position for EFR event
8:10 STARTING TO PULL VAC
8:35 STARTED To take readings & AM SAMPLES
9:40 COMPLETED AM SAMPLING
9:55 PID & VAC Readings 11:00 SWITCHED AS wells; even open
11:25 PID & VAC Readings
11:26 Replaced Filter on knock out tank
13:00 DAN BENAVENTE ONSITE GAVE SAFETY
13:10 PID & VAC READINGS
~~13:15~~ 13:45 2 MORE SYRINGES FOUND ON-SITE JUST OUTSIDE FENCE BY EFFLUENT AIR SAMPLE PORT OF O&M COMPOUND. NOTIFIED P.M. AND PLACED DELINEATORS ON, ALL ON SITE PERSONNEL NOTIFIED DAN BENAVENTE ONSITE ~1500 TO DO O&M

EQUIPMENT USED:	SUBCONTRACTOR HOURS:	STAFF HOURS:
MILEAGE:	REVIEWED BY:	
	PREPARED BY:	

CC:

11:12 GET READY TO TAKE PM SAMPLES
15:45 PID & VAC
16:00 TOOK PSI + SCFM FOR O&M
16:30 UNHOOKED VAC TRUCK
17:00 K. HANSON ARRIVED TO SITE MANIFEST GAVE SAFETY
17:10 OFF SITE CALL

8/11/08

Stantec Consulting
EFR Data

Date: 08-11-2008
Personel: RAWLINGS, MANNING
Arrival Time: 0630
Departure Time:

PM: YUTZ
Project #: 01CP.01396.41
Project Name: Former ConocoPhillips Service Station No. 255353

Well ID	Time	Vacuum (in/Hg)	PID (ppm)	Air Sample Time	Water Sample Time
EFR-1	0836	10	6.8	AM Sample	
	0949	9	16.2	0840	0854
	1116	9	5.6		
	1311	9	4.1		
	14:13	9.0	3.4		
	15:45	9.0	1.8	PM Sample	
				14:20	1444
EFR-2	0836	10	8.8	AM Sample	
	0849	9	8.0	0841	0858
	1116	9	3.3		
	1311	9	3.8		
	14:13	9.5	2.3		
	15:45	9.0	1.6	PM Sample	
				14:22	1447
EFR-3	0836	10	4.2	AM Sample	
	0949	9	6.3	0843	0902
	1116	9	3.3		
	1312	9	3.1		
	14:13	10.0	0.9		
	15:46	9.0	1.2	PM Sample	
				1425	1452
MW-48	0836	10	1.5	AM Sample	
	0951	9	3.3	0846	0927
	1116	9	1.0		
	1312	8.5	0.6		
	14:14	9.0	0.3		
	15:48	9.0	0.5	PM Sample	
				14:29	1502

Stantec Consulting
EFR Data

Date	08-11-2008	PM	YOTZ
Personel	RAWLINGS, MANNING	Project #	01CP.01396.
Arrival Time	0630	Project Name	Former ConocoPhillips Service Station No. 255353
Departure Time			

Well ID	Time	Vacuum (in/Hg)	PID (ppm)	Air Sample Time	Water Sample Time
MW-65	0836	10	5.8	AM Sample	
	0951	9	4.4	0847	0932
	1116	9	4.0		
	1313	9.0	4.0		
	14:15	9.0	3.3	PM Sample	
	15:48	9.0	7.9	1430	1505
MW-88	0836	10	16.6	AM Sample	
	0951	9	9.3	0845	0920
	1116	9	1.4		
	1312	9.0	4.0		
	14:14	9.0	5.8	PM Sample	
	15:46	9.0	3.5	1427	1500

Notes

- CHANGE SHEET TO LOOK LIKE FIELD MW-88, MW-48, MW-65
- TIME FOR PID READINGS?
- MAKE 2-WELL SHEET MW-88, MW-48

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CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: CP

INVOICE TO: SAME

REPORT TO: Jon Yotz
ADDRESS: 12034 134th CT NE Suite 102 Kirkland, WA 98052

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

P.O. NUMBER:

PROJECT NAME: 5353

PROJECT NUMBER: OKCP-01396.41

SAMPLED BY: RAWLINS / MANNING

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses: [10] STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: [5] STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE												MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
			8260	8270														
1	EFR-1 (AM AIR)	8/11/08 @ 8:40	X	X											AIR	1	5353 WA	WA
2	EFR-2	@ 8:41	X	X														
3	EFR-3	@ 8:43	X	X														
4	MW88	@ 8:45	X	X														
5	MW48	@ 8:46	X	X														
6	MW65 (AM AIR)	8/11/08 @ 8:47	X	X											AIR	1	5353	WA
7																		
8																		
9																		
10																		

RELEASED BY: [signature] DATE: 8-11-08
PRINT NAME: RAWLINS FIRM: STANTEC TIME: 1510

RECEIVED BY: [signature] DATE: 8/11/08
PRINT NAME: Francisco Lang Jr FIRM: TA-SEA TIME: 1510

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000(0108)

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: CP

REPORT TO: Jon Vitz

ADDRESS: 12034 134th Ct NE Suite 102 Redmond, WA 98052

PHONE: 425-372-1600 FAX: 425-372-1610

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME: 5353

PROJECT NUMBER: 0104.013796.01

SAMPLED BY: RAWLINS/MANNING

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses: [10] STD. [7] [5] [4] [3] [2] [1] [<1]

Petroleum Hydrocarbon Analyses: [5] STD. [4] [3] [2] [1] [<1]

[OTHER] Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES											MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
				8260B	8270C													
1	EFR-1 (AM H2O)	8-11-08 @ 0854		X	X										H2O	3V	5353	WA
2	EFR-2 (AM H2O	@ 0858		X	X													
3	EFR-3	@ 0902		X	X													
4	MW 88	@ 0920		X	X													
5	MW 98	@ 0927		X	X													
6	MW 65 (AM H2O)	8-11-08 @ 0932		X	X													
7																		
8																		
9																		
10																		

RELEASED BY:		DATE: 5-11-08	RECEIVED BY:		DATE: 5/11/08
PRINT NAME: RAWLINS	FIRM: STANTEC	TIME: 1510	PRINT NAME: Francisco Lang, Jr	FIRM: TA-SEA	TIME: 1510
RELEASED BY:		DATE:	RECEIVED BY:		DATE:
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME:

ADDITIONAL REMARKS:

TEMP:

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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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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

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: CP

INVOICE TO: SAME

REPORT TO: JAN YOST
ADDRESS: 15035 137th Ct NE Suite 102
REDMOND, WA 98052

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

P.O. NUMBER:

PROJECT NAME: 5353

PROJECT NUMBER: 01CP.01396.41

SAMPLED BY: RAWLINS / MANNING

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses: ~~10~~ STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE												MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
			REQUESTED ANALYSES															
			TPHG	BTEX														
1	EFR-1 (PM AIR)	8-11-08 @ 1420	X	X											AIR	1	5353	WA
2	EFR-2	@ 1422	X	X														
3	EFR-3	@ 1425	X	X														
4	MW88	@ 1427	X	X														
5	MW9K	@ 1429	X	X														
6	MW6K (PM AIR)	8-11-08 @ 1430	X	X											AIR	1	5353	WA
7																		
8																		
9																		
10																		

RELEASED BY:	DATE: 8-11-08	RECEIVED BY:	DATE: 8/11/08
PRINT NAME: RAWLINS	FIRM: SEANTEC TIME: 1510	PRINT NAME: Francesco Lang Jr	FIRM: TA-SEA TIME: 1510
RELEASED BY:	DATE:	RECEIVED BY:	DATE:
PRINT NAME:	FIRM: TIME:	PRINT NAME:	FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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THE LEADER IN ENVIRONMENTAL TESTING

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: CP

INVOICE TO: SAME

REPORT TO: JIM YOTZ
ADDRESS: 12034 134TH CT NE SUITE 102 REDMOND, WA 98052

PHONE: 425 522 1600 FAX: 425 372 1650

P.O. NUMBER:

PROJECT NAME: 5353

PROJECT NUMBER: OICP 01396.41

SAMPLED BY: RAWLINS / MANNING

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses

10 STD.	7	5	4	3	2	1	<1

Petroleum Hydrocarbon Analyses

5 STD.	4	3	2	1	<1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE: FILT	PRESERVATIVE: UNFILT	REQUESTED ANALYSES	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	EFR1 (PM H2O)	8/11/08 @ 1444	X	X		H2O	3V	5353	WA
2	EFR2	@ 1447	X	X					
3	EFR3	@ 1452	X	X					
4	MW88	@ 1500	X	X					
5	MW48	@ 1502	X	X					
6	MW65 (PM H2O)	8/11/08 @ 1505	X	X		H2O	3V	5353	WA
7									
8									
9									
10									

RELEASED BY:		DATE: 8-11-08	RECEIVED BY:		DATE: 8/11/08
PRINT NAME: RAWLINS	FIRM: STANTEC	TIME: 1510	PRINT NAME: Francisco Lung, Jr.	FIRM: TA-SEA	TIME: 1510
RELEASED BY:		DATE:	RECEIVED BY:		DATE:
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME:

ADDITIONAL REMARKS:

TEMP:

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

O&M

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: KIP ECKERT / CP

REPORT TO: JEN YOTZ
ADDRESS: 12034 131TH CT NE, STE 102
REDMOND, WA 98052

PHONE: 425 372.1600 FAX: 425.372.1650

INVOICE TO:

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP.01396.42

SAMPLED BY: DB

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: 10 (STD.) | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 (STD.) | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

PRESERVATIVE / REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-Gx	BTEX												MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	INF	08-11-08 @ 1330	X	X												A	1	5353	WA
2	MID	08-11-08 @ 1335	X	X												A	1	5353	WA
3	EFF	08-11-08 @ 1340	X	X												A	1	5353	WA
4																			
5																			
6																			
7																			
8																			
9																			
10																			

RELEASED BY: [signature] DATE:
PRINT NAME: MANNING FIRM: STANTEC TIME: 1510

RECEIVED BY: [signature] DATE: 8/11/08
PRINT NAME: Francisco Luna, Jr FIRM: TA-SEA TIME: 1510

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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SECOR

Field Report

GEO-301

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Rev. 0 | Apr 2005

FIELD OFFICE: REDMOND, WA	DATE 08-21-2008	PAGE	CLIENT COP
	PROJECT NO.	TASK NO.	SUBCONTRACTOR PSC
TO: 6000 WESTLAKE AVE	LOCATION 6000 WESTLAKE AVE N.		
	WEATHER CLOUDY		TEMP. 60

CHRONOLOGY OF FIELD ACTIVITIES/ISSUES/OBSERVATIONS

EFR

0630 STANTEC ON SITE
0635 PPE
0640 SITE SETUP
0650 PSC ON SITE - TAILGATE
0705 SET UP VAC TRUCK
0720 VAC TRUCK RUNNING ON MW-88 & MW-48
0750 SPOKE TO JEN YOTZ - NO VAC GAUGE
0755 SPOKE TO LINDA RAWLINS - MATT JENKINS TO BRING VAC GAUGE
0810-0825 AM SAMPLING
0900 SWITCHED IAS WELLS - EVEN TO OFF - ODD TO ON
0915 MATT JENKINS DROPPED OFF VAC GAUGE
1010 CLEAN HARBORS ON SITE - TAILGATE
1030 SAMPLE COLLECTED FROM OVER-PACK DRUM
1045 CLEAN HARBORS OFF SITE
1500-1515 PM SAMPLING
1520 VAC TRUCK OFF
1525 TEST AMERICA - SAMPLE PICK UP
1530 JOE ROUNDS ON SITE TO SIGN MANIFEST
1540 PSC OFF SITE
1550 STANTEC OFF SITE

EQUIPMENT USED:	SUBCONTRACTOR HOURS:	STAFF HOURS:
MILEAGE:	REVIEWED BY:	
CC:	PREPARED BY:	

Stantec Consulting
EFR Data

Date	08-21-2008	PM	YOTZ
Personel	MANNING	Project #	01CP.01396.
Arrival Time	0630	Project Name	Former ConocoPhillips Service Station No. 255353
Departure Time			

Well ID	Time	Vacuum (in/Hg)	PID (ppm)	Air Sample Time	Water Sample Time
MW-88	0738	—	51.8	AM Sample	
	0810	—	25.0	0815	0810
	0920	6	16.8		
	1050	6	56.8		
	1140	6	62.8		
	1245	6	46.3	PM Sample	
	1335	6	48.7	1500	1510
	1440	6	48.9		
MW-48	0738	—	111	AM Sample	
	0820	—	177	0825	0820
	0920	6	113		
	1050	6	138		
	1140	6	319		
	1245	6	76.4	PM Sample	
	1335	6	124	1505	1515
	1440	6	69		

Notes

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: STANTEC

INVOICE TO: JENNIFER YOTZ

REPORT TO: JENNIFER YOTZ
ADDRESS: 11034 131 CT NE, STE 102
REDMOND, WA 98052
PHONE: 425.372.1600 FAX: 425.372.1650

P.O. NUMBER:

PROJECT NAME: WESTLAKE-MERCER

PROJECT NUMBER:

SAMPLED BY: MANNING

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses

10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses

~~5~~ STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: FIELD	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	MW-88-AM	08-21-08 / 0815		X	X	AIR	1	5363	
2	MW-48-AM	08-21-08 / 0825		X	X	AIR	1	5353	
3	MW-88-PM	08-21-08 / 1500		X	X	AIR	1	5353	
4	MW-48 PM	08-21-08 / 1505		X	X	AIR	1	5353	
5									
6									
7									
8									
9									
10									

RELEASED BY: Scott Manning
PRINT NAME: Scott Manning FIRM: STANTEC DATE: 08-21-08 TIME: 1525

RECEIVED BY:
PRINT NAME: Francisco Lyng, Jr FIRM: TA-SEA DATE: 8/21/08 TIME: 1525

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: STANTEC

INVOICE TO: JENNIFER YOTZ

REPORT TO: JENNIFER YOTZ
ADDRESS: 12934 131st CT NE, STE 102 REDMOND, WA 98052
PHONE: 425.372.16000 FAX: 425.372.1650

P.O. NUMBER:

PROJECT NAME: WESTLAKE-MERCER

PROJECT NUMBER:

SAMPLED BY: MANNING

TURNAROUND REQUEST
in Business Days *

Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses
~~5~~ STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPH-G	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	MW-88-AM	08-21-08/ 0810		X	X	W	4	5353	
2	MW-48-AM	08-21-08/ 0820		X	X	W	4	5353	
3	MW-88-PM	08-21-08/ 1510		X	X	W	4	5353	
4	MW-48-PM	08-21-08/ 1515		X	X	W	4	5353	
5									
6									
7									
8									
9									
10									

RELEASED BY: Scott Manning
PRINT NAME: SCOTT MANNING FIRM: STANTEC DATE: 08-21-08 TIME: 1525

RECEIVED BY:
PRINT NAME: Francisco Luna, Jr FIRM: TA-SEA DATE: 8/21/08 TIME: 1525

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000(0408)

SECOR

Field Report

FIELD OFFICE:	DATE 9-4-08	PAGE 1 of 2	CLIENT CP
	PROJECT NO. 1396	TASK NO.	SUBCONTRACTOR
TO:	LOCATION Seattle, WA		
	WEATHER Sunny		TEMP. 60's

CHRONOLOGY OF FIELD ACTIVITIES/ISSUES/OBSERVATIONS

9:15 Arrive onsite L. Rawlins
9:20 Call P.M. Jen Yotz to notify of demo major large equip. Could not reach called J. Rounds, Jen in there as well
Appears equipment and a porta-potty block our access to O&M compound
With consent of P.M.'s will use stop work and do full O&M another day. Will try to identify a P.M. for contractor and schedule. Will take site walk - not in work zone - and take pictures.
9:40 Putting on PPE.
9:50 HASP & Safety - Need attach // on-site
9:55 Talked w/contractor should have a break early in week (following week) will call me
Lots of trucks + equip near compound. Not safe work environment for me.
10:00 Did quick look in compound seperator high level is on. Knock-out tank needs emtied. Will address at later time. Called J.R. and let him know. Leaving compound - Lots of equip in work area. Not safe.
10:10 Moving onto other areas for pictures
10:15 Took pictures of power lines
Switches At - even open - odd closed
Called JR and told of findings
10:25 Noticed after talking to contractors - caution tape →

L. Rawlins 9-4-08

EQUIPMENT USED: SUBCONTRACTOR HOURS: STAFF HOURS:
MILEAGE: OTHER EXPENSES:
CC: PREPARED BY:

SECOR

Field Report

GEO-301
Page 1 of 1
Rev. 0 | April 2005

FIELD OFFICE:	DATE 9-4-08	PAGE 2 of 2	CLIENT CP
	PROJECT NO. 1396	TASK NO.	SUBCONTRACTOR
TO:	LOCATION Westlake, Seattle, WA		
	WEATHER Sunny		TEMP. 60s

CHRONOLOGY OF FIELD ACTIVITIES/ISSUES/OBSERVATIONS

is now up. Area is now more secured from walk ons.

10:30 Removing PPE.

10:40 Leaving Site

9-4-08

EQUIPMENT USED:	SUBCONTRACTOR HOURS:	STAFF HOURS:
MILEAGE:	REVIEWED BY:	
LOC:	PREPARED BY:	

5353/1396

COP
SEATTLE, WA

9-25-08
1 2

- Cloudy upper 50's

7:45 Arrive on-site L.Rawlins and S. Manning
Put on PPE call P.M.
7:50 HASP/Safety meeting
7:55 Went to O+M compound with empty drum and dolly and used to put in water from knock out drum. 8:20 completed and restarted system.
8:25 Moved drum to EFR compound and labeled.
9:00 Finished verifying manifold labels for
MW-66 / TSVE - verified
MW-67 / TSVE - label unclear
MW-68 / TSVE - verified
9:20 Beginning O+M
10:00 Samples from O+M compound obtained anemometer appears to be out of calibration. reading 10189 in (fpm) in ambient. In effluent 10233 - will send for repair/calibration
10:10 Begin sampling in EFR compound
11:30 After talking with J. Rounds and JEW YOTZ completed sampling SVE was done with valve on manifold partly open to keep from pulling H_2O in to pump and air sample. SVE-6, SVE-7 and SVE 9 manifold valve shut partly to keep from pulling too much water into knock-out tank and causing shut off.
11:55 Finished setting up for Valley O+M.
11:57 Called J.R. have water in flow meters on A.S. wells. Need to check heat exchanger
12:30 Completed checking exchanger - no water
Clean air fitter.

L. Rawlins

1396/5353

CP
WESTLAKE, WA

9-25-08
2 of 2

12:30 Move on to take PID and samples from Westlake SVE manifold
12:45 Called J.Y. told her PID readings. Will sample A3 for lab.
12:50 Begin to pack up equipment.
13:15 Finished packing equipment.
13:45 Completed COC's, calling PM and will then leave site to lab.
14:15 Sample logged in at lab.
15:00 Back at Redmond office and truck unloaded. Will copy and load as well as file all paper work.

L. RAWLINS

L. Rawlins

Stantec Consulting
Remediation System Data

Date	9-25-08	PM	JEN YOJZ
Personel	L. RAWLINS	Project #	01CP.01396.
Arrival Time	7:45	Project Name	Former ConocoPhillips Service Station No. 255353
Departure Time	13:45		

SVCompound Checklist

Soil Vapor Extraction System			
SVE System Status Upon Arrival		On	(Off)
SVE System Status Upon Departure		(On)	Off
SVE VFD Inlet Filter Checked		(Yes)	No
SVE Hours	427		Fea 4602
SVE Motor Amperage			
Power Meter			
KO Drum Status		Drained	(Yes) No
		Filer Checked	(Yes) No
		Replaced	Yes (No)
Air Sparge System			
AS System Status Upon Arrival		On	(Off)
AS System Status Upon Departure		(On)	Off
AS Wells Active Upon Arrival		Odd	(Even) Alternate AS system had not been running, so left.
AS Motor Greased		Yes	(No)
AS Coupling Checked		(Yes)	No
AS Inlet Filter		Yes checked	
AS Motor Amperage			

SVE Monitoring Point	Vacuum (in/H2O)	Air Velocity (FPM)	Temp	PID (ppm)	Sample Collected (Y/N)	Comments
KO Vac	-7					
Wellfield						
System Influent				1.0	Yes	@ 9:45
System Mid				0.1	Y	@ 9:40
System Effluent				0.1	Y	@ 9:30

Well ID	Pressure (psig)	Air Flow Rate (scfm)	Well ID	Pressure (psig)	Air Flow Rate (scfm)	Comments
AS-1			AS-2	7	NW	NW - Not working needs replaced
AS-3			AS-4	7	W	
AS-5			AS-6	7	3.75	W - Water in flow meter
AS-7			AS-8	7	W	
AS-9			AS-10	7	W	
AS-11			AS-12	7	4.0	
AS-13			AS-14	7	5.0	
AS-15			AS-16	7	2.2	
AS-17			AS-18	7	4.0	
AS-19			AS-20	7	4.5	
AS-21			Header			

- Note: Air Velocities not taken due to malfunctioning anemometor. See Field notes. Will send for repair and calibration.

Stantec Consulting
Remediation System Data

Date	9.25-08	PM	JEN VOTZ
Personel	L. RAWLINS	Project #	01CP.01396.
Arrival Time	7:45	Project Name	Former ConocoPhillips Service Station No. 255353
Departure Time	13:45		

Terry Avenue Manifold

SVE Monitoring Point	Vacuum (in H2O) ~~(in/H2O~~	Air Velocity (FPM)	Temp	PID (ppm)	Vapor Sample Collected (Y/N)	Comments
SVE-1	1			0.8	Y	@ 10:10
SVE-2	1			7.0	Y	10:16
SVE-3	1			270	Y	10:19
SVE-4	1			12.8	Y	10:22
SVE-5	1			61.2	Y	10:25
SVE-6	1			3.9	Y	10:28
SVE-7	1			13.5	Y	10:30
SVE-8	2			27.1	Y	11:27
SVE-9	2			5.6	Y	10:57
SVE-10	1			49.4	Y	11:02
SVE-11	1			0.3	Y	11:05
SVE-12	1			2.1	Y	11:08

Westlake Avenue Manifold

SVE Monitoring Point	Vacuum (in/H2O	Air Velocity (FPM)	Temp	PID (ppm)	Vapor Sample Collected (Y/N)	Comments
C1	14			1.5		
C2	10			1.6		
C3	10			1.5		
B3	12			1.2		
B2	10			1.5		
B1	10			4.5		
A3	10			12.6	Y	@ 12:45
A2	10			7.9		
A1	8			10.7		

Heat Exchanger Inlet Clean	(Yes)	No
Heat Exchanger Motor Amperage		
Piping Condition	60010	
City Investor Sump Pump	On Off Reset	Yes No

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: CP

INVOICE TO: SAME

REPORT TO: SEAN YORK
ADDRESS: 12034 134th ct Suite 102 Redmond, WA
PHONE: 425-372-1600 FAX: 425-372-1650

P.O. NUMBER:

PROJECT NAME: OICP 01396

PROJECT NUMBER:

SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: [10 STD.] [7] [5] [4] [3] [2] [1] [<1]
Petroleum Hydrocarbon Analyses: [5 STD.] [4] [3] [2] [1] [<1]
[OTHER] Specify:
* *Turnaround Requests less than standard may incur Rush Charges.*

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: 10H-5	REQUESTED ANALYSES: 8TEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SVE-1	9-25-08 @ 10:10		X	X	AIR	1	1396	WA
2	-2	10:16		X	X		1		
3	-3	10:19		X	X		1		
4	-4	10:22		X	X		1		
5	-5	10:25		X	X		1		
6	-6	10:28		X	X		1		
7	-7	10:30		X	X		1		
8	-8	11:27		X	X		1		
9	SVE-9	10:57		X	X		1		
10	TSVE10/MW66	9-25-08 @ 11:02		X	X	AIR	1	1396	WA

RELEASED BY: PRINT NAME: L. RAWLINS FIRM: STANTEC DATE: 9-25-08 TIME: 1415

RECEIVED BY: Colette Weaver PRINT NAME: Colette Weaver FIRM: TAL Seattle DATE: 09-25-08 TIME: 1415

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000(0408)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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 924-9290
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

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: GP

INVOICE TO: SAME

REPORT TO: JEN YOTZ
ADDRESS: 12034 134th Ct Suite 102 REDMOND, WA
PHONE: 425-372-1600 FAX: 425-372-1650

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses: [10] STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: [5] STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE												REQUESTED ANALYSES			
															MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
			TPHG	BTEX														
1	TSVE11/MW67	9-25-08 @ 11:05	X	X											AIR	1	1396	WA
2	TSVE12/MW68	↓ @ 11:08	X	X											↓	1	1396	WA
3	AW A3	9-25-08 @ 12:45	X	X											AIR	1	1396	WA
4																		
5																		
6																		
7																		
8																		
9																		
10																		

RELEASED BY:
PRINT NAME: L. RAWLINS FIRM: STANTEC DATE: 9-25-08 TIME: 14:15

RECEIVED BY: Colette Weaver
PRINT NAME: Colette Weaver FIRM: TAL-Seattle DATE: 09-25-08 TIME: 1415

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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TAL-1000(0408)

TestAmerica

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: CP

REPORT TO: JEN HOTZ

ADDRESS: 12034 131st Ct Suite 102 REDMOND, WA

PHONE: 425-572-1600 FAX: 425-372-1650

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP-01396.42

SAMPLED BY: L Rawlins

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses: [10] STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: [5] STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE: other	REQUESTED ANALYSES: other	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	Total Eff	9-25-08 @ 9:30	X		AIR	1	1396	WA
2	Mid	↓ @ 9:40	X		↓	1	↓	WA
3	Total Inf	9-25-08 @ 9:45	X		AIR	1	1396	WA
4								
5								
6								
7								
8								
9								
10								

RELEASED BY:
PRINT NAME: L Rawlins FIRM: STANTEC DATE: 9-25-08 TIME: 1415

RECEIVED BY: Colette Weaver
PRINT NAME: Colette Weaver FIRM: TAL-Seattle DATE: 09.25.08 TIME: 14:15

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

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SITE OBSERVATION REPORT

Stantec

Project: 1396/53553 File No.
Contractor: Project No.
Owner: CP Project No.
Location: ~~WESTLAKE, SEATTLE, WA~~ Date: ~~10-14-08~~
Page 1 of 1

The following items were noted: **Weather:** @ 6:50 ~52°F Partly cloudy

6:45 L.Rawlins on-site, purpose O+M and sample carbon drums, Reviewed Work Request and prepped documentation.
6:55 Put on PPE. Review HASP, safety
7:15 P. Hason and S. Manning pulled up on site
7:30 Review on work with S. Manning
7:40 Beginning O+M and sampling
12:00 Custom Backhoe on-site (JEFF), Also PM onsite by O+M compound @ ~ 11:30. All onsite had safety
2:10 Finished all air and carbon sampling filling out COC and packing coolers correctly
2:30 ~~At Leaving Site to Test America,~~ Before leaving, put up high visible caution tape on line holding up fence from wind.
2:40 Now heading to Test America
3:15 Loading samples at Test America, passerby at lab noticed an air sample tedlar bag was flat. Upon inspection by both myself and lab personnel, noted bag was closed but a seem was compromised. Lab is writing ESS (bag maker) to formally complain. (have had some issues). Called J Rounds and P.M to notify

Prepared by: L. Rawlins
Print Name
Signature L. Rawlins

Stantec Consulting
Remediation System Data

Date	10/14/08	PM	JCN Y/DJZ
Personel	L-RAWLINS	Project #	01CP.01396.
Arrival Time	6:45	Project Name	Former ConocoPhillips Service Station No. 255353
Departure Time	2:40		

SVCompound Checklist

Soil Vapor Extraction System		
SVE System Status Upon Arrival	(On)	Off
SVE System Status Upon Departure	(On)	Off
SVE VFD Inlet Filter Checked	Yes	(No)
SVE Hours	648	FEQ +60HZ
SVE Motor Amperage		
Power Meter		
KO Drum Status	Drained	Yes (No)
	Filer Checked	Yes (No)
	Replaced	Yes (No)
Air Sparge System		
AS System Status Upon Arrival	(On)	Off
AS System Status Upon Departure	(On)	Off
AS Wells Active Upon Arrival	Odd	(Even) Alternate SWITCHED
AS Motor Greased	Yes	(No)
AS Coupling Checked	(Yes)	No
AS Inlet Filter		
AS Motor Amperage		

SVE Monitoring Point	Vacuum (in/H2O)	Air Velocity (FPM)	°F Temp	PID (ppm)	Sample Collected (Y/N)	Comments
KO Vac	-7					
Wellfield						
System Influent				0.2	Y	@ 805
System Mid				0.0	Y	@ 800
System Effluent		3980	56.8	0.0	Y	@ 755

Well ID	Pressure (psig)	Air Flow Rate (scfm)	Well ID	Pressure (psig)	Air Flow Rate (scfm)	Comments
AS-1			AS-2	7.0	NW	NW = NOT WORKING
AS-3			AS-4	7.25	W	
AS-5			AS-6	7.25	3.2	
AS-7			AS-8	7.25	W	W = WATER IN FLOW METER
AS-9			AS-10	7.5	W	
AS-11			AS-12	7.0	3.2	
AS-13			AS-14	7.0	~~50~~ NW/STUCK	UNABLE TO GET REPAIRED
AS-15			AS-16	7.75	2.0	
AS-17			AS-18	7.5	4.0	
AS-19			AS-20	7.5	5.0	
AS-21			Header			

Stantec Consulting
Remediation System Data

2 of 2

Date 10/14/08
Personel
Arrival Time
Departure Time

PM
Project # 01CP.01396.
Project Name Former ConocoPhillips Service Station No. 255353

Terry Avenue Manifold

SVE Monitoring Point	~~in/H2O~~ in Hg Vacuum	Air Velocity (FPM)	Temp	PID (ppm)	Vapor Sample Collected (Y/N)	Comments
SVE-1	1	~~500~~	62.5	1.9	Y	@ 830 * see below
SVE-2	5	443	54.1	12.5	Y	835
SVE-3	1	463	62.5	379	Y	838
SVE-4	1	473	62.2	9.7	Y	@ 845
SVE-5	1	457	60.4	64.4	Y	847
SVE-6	1	438	60.4	6.8	Y	851
SVE-7	1	465	59.8	7.7	Y	@ 856
SVE-8	1	498	60.6	16.3	Y	900
SVE-9	1	470	59.8	1.7	Y	905
T SVE-10 / MW66	1	485	60.0	46.4	Y	@ 909
SVE-11 / MW67	1	500	60.0	1.5	Y	913
T SVE-12 / MW68	1	468	60.0	2.5	Y	917

Westlake Avenue Manifold

SVE Monitoring Point	Vacuum (in/H2O	Air Velocity (FPM)	Temp	PID (ppm)	Vapor Sample Collected (Y/N)	Comments
C1	17	444	55.7	0.3	N	
C2	15	428	55.9	0.1		
C3	15	430	57.0	0.2		
B3	16	430	56.4	0.2		
B2	15	1324	60.6			GET WATER COULDNT GET READING
B1	15	354	54.8	0.1		
A3	15	398	55.9	0.4		
A2	16	435	56.1	0.1		
A1	9	436	55.7	0.2	N	

Heat Exchanger Inlet Clean — (Yes) No
Heat Exchanger Motor Amperage — 60.0
Piping Condition
City Investor Sump Pump — On Off Reset Yes No

ADDITIONAL SAMPLING
CARBON VESSEL 1 @ 12:50
" " 2 @ 13:38

* Sample container had a defective seem. By the time sample got to lab all air had leaked out. Verified by lab -- bag was closed at port. Lab will file complaint to manufactorer. PM was notified

SITE VISITATION REPORT

October 14, 2008 EFR Event - 76 Service Station No. 255353, Seattle, WA

Name(s) _____ Date: _____ Time of Arrival Call-In: _____

Arrival Time: _____ Departure Time: _____ Time of Departure Call-In _____

Who did you call? _____

DRUM INVENTORY

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

HEALTH AND SAFETY ASSESSMENT

DESCRIPTION OF ACTIVITIES ONSITE AND NOTES

CARBON SAMPLING

PPE: GLOVES (CHEM RESISTANT & LEATHER), SAFETY GLASSES W/SIDE SHIELDS, STEEL TOES, VEST, P-100 RESPIRATOR IF NEEDED, LOCK-OUT TAG-OUT

PRECAUTIONS: PINCH POINTS, SLIP/TRIP/FALL, DUST FROM CARBON, ELECTRICAL SHOCK

TestAmerica

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: CP

INVOICE TO:

REPORT TO: STAN YOTZ
ADDRESS: 12034 134TH CT NE SUITE 102 REDMOND, WA 98052

PHONE: 425 372 1400 FAX: 425 372 1450

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 0100.01396.02

SAMPLED BY: L RAWLINS

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses

10 STD.	7	5	4	3	2	1	< 1

Petroleum Hydrocarbon Analyses

5 STD.	4	3	2	1	< 1

OTHER Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPH-Dx	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	CARBON VESSEL 1	10/14/08 @ 12:50		X	CARBON	2	1396	WA
2	CARBON VESSEL 2	10/14/08 @ 13:38		X	CARBON	2	1396	WA
3								
4								
5								
6								
7								
8								
9								
10								

RELEASED BY: PRINT NAME: L RAWLINGS FIRM: STANTEC DATE: 10/14/08 TIME: 15:00

RECEIVED BY: PRINT NAME: FIRM: TA-Sea DATE: TIME: 15:00

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: CP

INVOICE TO: SAME

REPORT TO: JON YOTZ
ADDRESS: 12034 134TH CT NE SUITE 102 REDMOND, WA 98052

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

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP-01396.42

SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE: HCL	PRESERVATIVE: NONE	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	TOTAL EFF	10/14/08 @ 755	X		AIR	1	1396	WA
2	MID	800	X			1		
3	TOTAL INF	805	X			1		
4	SVE 1 *	830	X	X		1		
5	SVE 2	835	X	X		1		
6	SVE 3	838	X	X		1		
7	SVE 4	845	X	X		1		
8	SVE 5	849	X	X		1		
9	SVE 6	851	X	X		1		
10	SVE 7	10/14/08 856	X	X	AIR	1	1396	WA

REQUESTED ANALYSES

RELEASED BY:	DATE: 10/14/08	RECEIVED BY: Cathy Camble	DATE: 10/14/08
PRINT NAME: L. RAWLINS	FIRM: STANTEC TIME: 1500	PRINT NAME: Cathy Camble	FIRM: TA Sea TIME: 15:00
RELEASED BY:	DATE:	RECEIVED BY:	DATE:
PRINT NAME:	FIRM: TIME:	PRINT NAME:	FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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* SVE 1 Sample leak at seem. Lab noted + will notify manufacturer.

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: CP

INVOICE TO: SAME

REPORT TO: SAN YOTZ
ADDRESS: 12034 134TH CT NE SUITE 102 REDMOND, WA 98052

PHONE: 425 372 1600 FAX: 425 372 1650

P.O. NUMBER:

PROJECT NAME: 5353

PROJECT NUMBER: 01CP01396.42

SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses

[10] STD. [7] [5] [4] [3] [2] [1] [<1]

Petroleum Hydrocarbon Analyses

[5] STD. [4] [3] [2] [1] [<1]

[OTHER] Specify:

* *Turnaround Requests less than standard may incur Rush Charges.*

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES										MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
				NWTPH-HCID	BTEX												
1	SVE 8	10/9/08 @ 900		X	X									AIR	1	1396	WA
2	SVE 9	" 905		X	X									"	1	"	"
3	TSVE 10/MW66	" 909		X	X									"	1	"	"
4	TSVE 11/MW67	" 913		X	X									"	1	"	"
5	TSVE 12/MW68	10/14/08 917		X	X									AIR	1	1396	WA
6																	
7																	
8																	
9																	
10																	

RELEASED BY: PRINT NAME: L RAWLINS FIRM: STANTEC DATE: 10/14/08 TIME: 1510

RECEIVED BY: PRINT NAME: FIRM: TA SEA DATE: 10/14/08 TIME: 1510

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

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SITE OBSERVATION REPORT

Stantec

Project: 1396/5353
Contractor:
Owner: CP
Location: WESTLAKE, SEATTLE, WA

File No.
Project No.
Project No.
Date: 10/31/08
Page 1 of 1

The following items were noted: **Weather:** DRIZZLE ~ 50°F

8:00 Onsite L. Rawlins
purpose: turn off system and close all valves
8:05 Left message with P.M., also called J. Rounds, to inform on-site
8:10 Put on PPE. Hasp + Safety review
8:34 Shut down system, turned all circuit breakers off.
8:45 Tony (EFR) compound valves closed.
8:50 All Westlake manifold valves closed.
9:00 Call P.M. offsite

L. Rawlins
L. Rawlins

Prepared by:

Print Name

Signature

ATTACHMENT B
Laboratory Analytical Reports and Chain-of-Custody Record
Former ConocoPhillips Company Facility Number 255353
600 Westlake Avenue North
Seattle, Washington

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

July 17, 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 07/07/08 16:35. The following list is a summary of the Work Orders contained in this report, generated on 07/17/08 15:03.

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

Work Order	Project	ProjectNumber
BRG0072	5353 Westlake EFR	O1CP.01396.42

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	07/17/08 15:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SVE-1	BRG0072-01	Air	07/07/08 15:17	07/07/08 16:35
SVE-2	BRG0072-02	Air	07/07/08 15:20	07/07/08 16:35
SVE-3	BRG0072-03	Air	07/07/08 15:21	07/07/08 16:35
SVE-4	BRG0072-04	Air	07/07/08 15:23	07/07/08 16:35
SVE-5	BRG0072-05	Air	07/07/08 15:24	07/07/08 16:35
SVE-6	BRG0072-06	Air	07/07/08 15:25	07/07/08 16:35
SVE-7	BRG0072-07	Air	07/07/08 15:26	07/07/08 16:35
SVE-8	BRG0072-08	Air	07/07/08 15:27	07/07/08 16:35
SVE-9	BRG0072-09	Air	07/07/08 15:28	07/07/08 16:35
SVE-10	BRG0072-10	Air	07/07/08 15:29	07/07/08 16:35
SVE-11	BRG0072-11	Air	07/07/08 15:30	07/07/08 16:35
SVE-12	BRG0072-12	Air	07/07/08 15:31	07/07/08 16:35

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	07/17/08 15:03

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
BRG0072-01 (SVE-1)		**Air**			**Sampled: 07/07/08 15:17**					
Gasoline Range Hydrocarbons	NWTPH Modified	**29.9**	-----	10.0	mg/m³ Air	1x	8G07054	07/07/08 19:48	07/08/08 02:39	
Gasoline Range Hydrocarbons (v/v)	"	**7.05**	-----	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)	"	**0.0851**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.375**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)		*91.3%*			*70 - 150 %*	"			"	
4-BFB (PID)		*111%*			*75 - 125 %*	"			"	
BRG0072-02 (SVE-2)		**Air**			**Sampled: 07/07/08 15:20**					
Gasoline Range Hydrocarbons	NWTPH Modified	**57.1**	-----	10.0	mg/m³ Air	1x	8G07054	07/07/08 19:48	07/08/08 03:09	
Gasoline Range Hydrocarbons (v/v)	"	**13.4**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0380**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0715**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0476**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.227**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.123**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.274**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.210**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**1.00**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)		*92.7%*			*70 - 150 %*	"			"	
4-BFB (PID)		*110%*			*75 - 125 %*	"			"	
BRG0072-03 (SVE-3)		**Air**			**Sampled: 07/07/08 15:21**					
Gasoline Range Hydrocarbons	NWTPH Modified	**96.8**	-----	10.0	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 22:54	
Gasoline Range Hydrocarbons (v/v)	"	**22.8**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0516**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.150**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.147**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.776**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.167**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.576**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.648**	-----	0.100	"	"	"	"	"	

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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/17/08 15:03

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

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRG0072-03 (SVE-3)		**Air**			**Sampled: 07/07/08 15:21**					
Xylenes (total)	NWTPH Modified	**3.42**	-----	0.200	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 22:54	
Surrogate(s): 4-BFB (FID)			*92.3%*		*70 - 150 %*	"			"	
4-BFB (PID)			*114%*		*75 - 125 %*	"			"	
BRG0072-04 (SVE-4)		**Air**			**Sampled: 07/07/08 15:23**					
Gasoline Range Hydrocarbons	NWTPH Modified	**46.6**	-----	10.0	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 15:24	
Gasoline Range Hydrocarbons (v/v)	"	**11.0**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0443**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0468**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0520**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.144**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.179**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.229**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*84.1%*		*70 - 150 %*	"			"	
4-BFB (PID)			*107%*		*75 - 125 %*	"			"	
BRG0072-05 (SVE-5)		**Air**			**Sampled: 07/07/08 15:24**					
Gasoline Range Hydrocarbons	NWTPH Modified	**162**	-----	10.0	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 16:23	
Gasoline Range Hydrocarbons (v/v)	"	**38.1**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.254**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.247**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0865**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0752**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.824**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.944**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.382**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.332**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*96.1%*		*70 - 150 %*	"			"	
4-BFB (PID)			*108%*		*75 - 125 %*	"			"	

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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/17/08 15:03

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
BRG0072-06 (SVE-6)		**Air**			**Sampled: 07/07/08 15:25**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 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	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0508**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.224**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*82.2%*		*70 - 150 %*	"			"	
4-BFB (PID)			*109%*		*75 - 125 %*	"			"	
BRG0072-07 (SVE-7)		**Air**			**Sampled: 07/07/08 15:26**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 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)			*81.9%*		*70 - 150 %*	"			"	
4-BFB (PID)			*109%*		*75 - 125 %*	"			"	
BRG0072-08 (SVE-8)		**Air**			**Sampled: 07/07/08 15:27**					
Gasoline Range Hydrocarbons	NWTPH Modified	**52.3**	-----	10.0	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 20:24	
Gasoline Range Hydrocarbons (v/v)	"	**12.3**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0619**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0533**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.201**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.204**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.200	"	"	"	"	"	

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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	07/17/08 15:03

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
BRG0072-08 (SVE-8)		**Air**			**Sampled: 07/07/08 15:27**					
Surrogate(s): 4-BFB (FID)			*85.0%*		*70 - 150 %*	*1x*			*07/08/08 20:24*	
4-BFB (PID)			*108%*		*75 - 125 %*	*"*			*"*	
BRG0072-09 (SVE-9)		**Air**			**Sampled: 07/07/08 15:28**					
Gasoline Range Hydrocarbons	NWTPH Modified	**17.0**	-----	10.0	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 20:54	
Gasoline Range Hydrocarbons (v/v)	"	**4.00**	-----	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)			*83.9%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*109%*		*75 - 125 %*	*"*			*"*	
BRG0072-10 (SVE-10)		**Air**			**Sampled: 07/07/08 15:29**					
Gasoline Range Hydrocarbons	NWTPH Modified	**113**	-----	10.0	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 21:24	
Gasoline Range Hydrocarbons (v/v)	"	**26.7**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.191**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.155**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0350**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.619**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.592**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.154**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*89.0%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*108%*		*75 - 125 %*	*"*			*"*	

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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/17/08 15:03

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
BRG0072-11 (SVE-11)		**Air**			**Sampled: 07/07/08 15:30**					
Gasoline Range Hydrocarbons	NWTPH Modified	**76.4**	-----	10.0	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 21:54	
Gasoline Range Hydrocarbons (v/v)	"	**18.0**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.116**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0924**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0248**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.375**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.354**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.109**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*83.4%*		*70 - 150 %*	"			"	
4-BFB (PID)			*106%*		*75 - 125 %*	"			"	
BRG0072-12 (SVE-12)		**Air**			**Sampled: 07/07/08 15:31**					
Gasoline Range Hydrocarbons	NWTPH Modified	**19.2**	-----	10.0	mg/m³ Air	1x	8G08058	07/08/08 13:43	07/08/08 22:24	
Gasoline Range Hydrocarbons (v/v)	"	**4.53**	-----	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)			*78.0%*		*70 - 150 %*	"			"	
4-BFB (PID)			*107%*		*75 - 125 %*	"			"	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/17/08 15:03

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

TestAmerica Seattle

QC Batch: 8G07054 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8G07054-BLK1)							**Extracted: 07/07/08 12:00**							
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND	---	2.36	ppmv	1x	--	--	--	--	--	--	07/07/08 21:09	
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)		*Recovery: 91.0%*			*Limits: 70-150%*	"							*07/07/08 21:09*	
4-BFB (PID)		*107%*			*75-125%*	"							*"*	
LCS (8G07054-BS1)							**Extracted: 07/07/08 12:00**							
Gasoline Range Hydrocarbons	NWTPH Modified	71.7	---	10.0	mg/m³ Air	1x	--	100	71.7%	(50-150)	--	--	07/07/08 18:39	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.5%*			*Limits: 70-150%*	"							*07/07/08 18:39*	
LCS (8G07054-BS2)							**Extracted: 07/07/08 12:00**							
Benzene	NWTPH Modified	1.15	---	0.100	mg/m³ Air	1x	--	2.00	57.4%	(50-150)	--	--	07/07/08 19:39	
Toluene	"	1.33	---	0.100	"	"	--	"	66.4%	"	--	--	"	
Ethylbenzene	"	1.29	---	0.100	"	"	--	"	64.5%	"	--	--	"	
Xylenes (total)	"	3.99	---	0.200	"	"	--	6.00	66.5%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 111%*			*Limits: 75-125%*	"							*07/07/08 19:39*	
LCS Dup (8G07054-BSD1)							**Extracted: 07/07/08 12:00**							
Gasoline Range Hydrocarbons	NWTPH Modified	72.1	---	10.0	mg/m³ Air	1x	--	100	72.1%	(50-150)	0.468%	(50)	07/07/08 19:09	
Surrogate(s): 4-BFB (FID)		*Recovery: 87.5%*			*Limits: 70-150%*	"							*07/07/08 19:09*	
LCS Dup (8G07054-BSD2)							**Extracted: 07/07/08 12:00**							
Benzene	NWTPH Modified	1.09	---	0.100	mg/m³ Air	1x	--	2.00	54.5%	(50-150)	5.11%	(50)	07/07/08 20:09	
Toluene	"	1.15	---	0.100	"	"	--	"	57.4%	"	14.5%	"	"	
Ethylbenzene	"	1.23	---	0.100	"	"	--	"	61.3%	"	5.17%	"	"	
Xylenes (total)	"	3.71	---	0.200	"	"	--	6.00	61.9%	"	7.14%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 112%*			*Limits: 75-125%*	"							*07/07/08 20:09*	

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

TestAmerica Seattle

QC Batch: 8G07054 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8G07054-DUP1)					**QC Source: BRG0069-02**				**Extracted: 07/07/08 12:00**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	ND	--	--	--	2.96%	(30)	07/07/08 22:09	
Gasoline Range Hydrocarbons (v/v)	"	ND	---	2.36	ppmv	"	ND	--	--	--	2.96%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	4.14%	"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	3.53%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	4.14%	"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	3.53%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 83.2%*			*Limits: 70-150%*	"							*07/07/08 22:09*	
4-BFB (PID)		*110%*			*75-125%*	"							"	

QC Batch: 8G08058 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8G08058-BLK1)									**Extracted: 07/08/08 10:00**					
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND	---	2.36	ppmv	1x	--	--	--	--	--	--	07/08/08 11:01	
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)		*Recovery: 87.7%*			*Limits: 70-150%*	"							*07/08/08 11:01*	
4-BFB (PID)		*109%*			*75-125%*	"							"	

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	07/17/08 15:03

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

TestAmerica Seattle

QC Batch: 8G08058 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
LCS (8G08058-BS1)							**Extracted: 07/08/08 10:00**							
Gasoline Range Hydrocarbons	NWTPH Modified	68.4	---	10.0	mg/m³ Air	1x	--	100	68.4%	(50-150)	--	--	07/08/08 12:23	
Surrogate(s): 4-BFB (FID)		*Recovery: 82.8%*			*Limits: 70-150%*	"							*07/08/08 12:23*	
LCS (8G08058-BS2)							**Extracted: 07/08/08 10:00**							
Benzene	NWTPH Modified	2.52	---	0.100	mg/m³ Air	1x	--	2.00	126%	(50-150)	--	--	07/08/08 18:23	
Toluene	"	2.51	---	0.100	"	"	--	"	126%	"	--	--	"	
Ethylbenzene	"	2.51	---	0.100	"	"	--	"	125%	"	--	--	"	
Xylenes (total)	"	7.50	---	0.200	"	"	--	6.00	125%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 115%*			*Limits: 75-125%*	"							*07/08/08 18:23*	
LCS Dup (8G08058-BSD1)							**Extracted: 07/08/08 10:00**							
Gasoline Range Hydrocarbons	NWTPH Modified	67.9	---	10.0	mg/m³ Air	1x	--	100	67.9%	(50-150)	0.804%	(50)	07/08/08 12:53	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.3%*			*Limits: 70-150%*	"							*07/08/08 12:53*	
LCS Dup (8G08058-BSD2)							**Extracted: 07/08/08 10:00**							
Benzene	NWTPH Modified	2.70	---	0.100	mg/m³ Air	1x	--	2.00	135%	(50-150)	6.96%	(50)	07/08/08 18:54	
Toluene	"	2.70	---	0.100	"	"	--	"	135%	"	7.07%	"	"	
Ethylbenzene	"	2.70	---	0.100	"	"	--	"	135%	"	7.45%	"	"	
Xylenes (total)	"	8.10	---	0.200	"	"	--	6.00	135%	"	7.68%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 113%*			*Limits: 75-125%*	"							*07/08/08 18:54*	
Duplicate (8G08058-DUP1)							**QC Source: BRG0096-01**			**Extracted: 07/08/08 10:00**				
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	ND	--	--	--	31.9%	(30)	07/09/08 07:25	**R4**
Gasoline Range Hydrocarbons (v/v)	"	ND	---	2.36	ppmv	"	ND	--	--	--	31.9%	"	"	**R4**
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	43.2%	"	"	**R4**
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	13.5%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	43.2%	"	"	**R4**
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	13.5%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 84.1%*			*Limits: 70-150%*	"							*07/09/08 07:25*	
4-BFB (PID)		*109%*			*75-125%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/17/08 15:03

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

TestAmerica Seattle

QC Batch: 8G08058 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8G08058-DUP2)				**QC Source: BRG0072-04**				**Extracted: 07/08/08 10:00**						
Gasoline Range Hydrocarbons	NWTPH Modified	48.2	---	10.0	mg/m³ Air	1x	46.6	--	--	--	3.34%	(30)	07/08/08 15:53	
Gasoline Range Hydrocarbons (v/v)	"	11.4	---	2.36	ppmv	"	11.0	--	--	--	3.34%	"	"	
Benzene (v/v)	"	0.0484	---	0.0308	"	"	0.0443	--	--	--	8.90%	"	"	
Toluene (v/v)	"	0.0504	---	0.0261	"	"	0.0468	--	--	--	7.42%	"	"	
Ethylbenzene (v/v)	"	0.0238	---	0.0227	"	"	ND	--	--	--	5.29%	"	"	
Xylenes, total (v/v)	"	0.0544	---	0.0454	"	"	0.0520	--	--	--	4.60%	"	"	
Benzene	"	0.157	---	0.100	mg/m³ Air	"	0.144	--	--	--	8.90%	"	"	
Toluene	"	0.193	---	0.100	"	"	0.179	--	--	--	7.42%	"	"	
Ethylbenzene	"	0.105	---	0.100	"	"	ND	--	--	--	5.29%	"	"	
Xylenes (total)	"	0.240	---	0.200	"	"	0.229	--	--	--	4.60%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 88.7%*			*Limits: 70-150%*	"							*07/08/08 15:53*	
4-BFB (PID)		*107%*			*75-125%*	"							"	

TestAmerica Seattle

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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/17/08 15:03

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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 Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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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

CHAIN OF CUSTODY REPORT

Work Order #: BRG0072

CLIENT: CP/STANTEC
REPORT TO: JEN YOTZ
ADDRESS: 12034 134th CT SUITE 102, REDMOND, WA
PHONE: 425-372-1600 FAX: 425-372-1650

INVOICE TO: SAME
P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE
PROJECT NUMBER: 01CP.01396.42
SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPH-G	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SVE-1	7-7-08 @ 15:17				AIR	1	5353	WA01
2	2	15:20							02
3	3	15:21							03
4	4	15:23							04
5	5	15:24							05
6	6	15:25							06
7	7	15:26							07
8	8	15:27							08
9	9	15:28							09
10	SVE 10	7-7-08 15:29							10

RELEASED BY:
PRINT NAME: LINDA RAWLINS FIRM: STANTEC DATE: 7-7-08 TIME: 16:00

RECEIVED BY:
PRINT NAME: Francisco Luna, Jr. FIRM: TA-SEA DATE: 7/7/08 TIME: 1600

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: @Lab 1635 w/o

TEMP: 21.8°C

PAGE OF

TAL-1000(0108)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRG0072

CLIENT: CP/STANTEC

REPORT TO: JEN YOTZ

ADDRESS: 12034 134TH CT SUITE 102 REDMOND, WA 98052

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

INVOICE TO:

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP-01396.42

SAMPLED BY: L RAWLINS

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses: [10] STD. [7] [5] [4] [3] [2] [1] [<1]

Petroleum Hydrocarbon Analyses: [5] STD. [4] [3] [2] [1] [<1]

[OTHER] Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPHG	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SVE-11	7-7-08 @ 15:30		↓	↓	AIR	1	5353	WA11
2	SVE-12	7-7-08 @ 15:31		↓	↓	AIR	1	5353	WA12
3									
4									
5									
6									
7									
8									
9									
10									

RELEASED BY: PRINT NAME: LINDA RAWLINS FIRM: STANTEC DATE: 7-7-08 TIME: 16:00

RECEIVED BY: PRINT NAME: Francisco Luna, Jr. FIRM: TA-SEA DATE: 7/7/08 TIME: 1600

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: @Lab 1635 w/o

TEMP: 21.8°C

PAGE OF

TAL-1000(0108)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Air Samples Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)	**Logged-in By:**	**Unpacked/Labeled By:**	***Cooler ID:*** _____
Date: 7/7/08	Date: 7/7/08	Date: 7/7/08	Work Order No. BR60072
Time: 1635	Time: 1644	Time: 1653	Client: _____
Initials: F.L.	Initials: CB	Initials: CB	Project: _____

Container Type:
- ____ Cooler
- ____ Box
- X None/Other _____

COC Seals:
- ____ Ship Container _____ Sign By
- ____ On Bottles _____ Date
- X None

Packing Material:
- ____ Bubble Bags ____ Styrofoam
- ____ Foam Packs
- X None/Other _____

Refrigerant:
- ____ Gel Ice Pack _____
- ____ Loose Ice _____
- X None/Other _____

Received Via: Bill# _____
- ____ Fed Ex ____ Client
- ____ UPS X TA Courier
- ____ DHL ____ Mid Valley
- ____ Senvoy ____ TDP
- ____ GS ____ Other_____

Cooler Temperature (*IR*): 21.8 °C Plastic Glass (Frozen filters, ~~Tedlars~~ and aqueous Metals exempt)
(circle one)

Temperature Blank? _____°C or NA Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	Y or N	_____	Metals Preserved?	Y or N or NA	_____
Provided by TA?	Y or N	_____	Client QAPP Preserved?	Y or N or NA	_____
Correct Type?	Y or N	_____	Adequate Volume? (for tests requested)	Y or N	_____
#Containers match COC?	Y or N	_____	Water VOAs: Headspace?	Y or N or NA	_____
IDs/time/date match COC?	Y or N	_____	Comments:		
Hold Times in hold?	Y or N	_____			

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

Total access set up? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

TestAmerica
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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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July 17, 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 07/07/08 16:35. The following list is a summary of the Work Orders contained in this report, generated on 07/17/08 15:08.

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

Work Order	Project	ProjectNumber
BRG0079	5353 Westlake EFR	O1CP.01396.42

TestAmerica Seattle

Sandra Yakamavich

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.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/17/08 15:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TOT INF	BRG0079-01	Air	07/07/08 14:40	07/07/08 16:35
MID	BRG0079-02	Air	07/07/08 14:46	07/07/08 16:35
TOT EFF	BRG0079-03	Air	07/07/08 14:47	07/07/08 16:35
A3	BRG0079-04	Air	07/07/08 15:54	07/07/08 16:35

TestAmerica Seattle

Sandra Yakamavich

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.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/17/08 15:08

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
BRG0079-01 (TOT INF)		**Air**					**Sampled: 07/07/08 14:40**			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G07054	07/07/08 19:48	07/08/08 00:39	
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)			*83.5%*		*70 - 150 %*	"			"	
4-BFB (PID)			*110%*		*75 - 125 %*	"			"	
BRG0079-02 (MID)		**Air**					**Sampled: 07/07/08 14:46**			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G07054	07/07/08 19:48	07/08/08 01:09	
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)			*86.2%*		*70 - 150 %*	"			"	
4-BFB (PID)			*113%*		*75 - 125 %*	"			"	
BRG0079-03 (TOT EFF)		**Air**					**Sampled: 07/07/08 14:47**			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G07054	07/07/08 19:48	07/08/08 01:39	
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	"	"	"	"	"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	07/17/08 15:08

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
BRG0079-03 (TOT EFF)		**Air**					**Sampled: 07/07/08 14:47**			
Surrogate(s): 4-BFB (FID)			*84.6%*		*70 - 150 %*	*1x*			*07/08/08 01:39*	
4-BFB (PID)			*110%*		*75 - 125 %*	*"*			*"*	
BRG0079-04 (A3)		**Air**					**Sampled: 07/07/08 15:54**			
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G07054	07/07/08 19:48	07/08/08 02:09	
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)			*86.0%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*109%*		*75 - 125 %*	*"*			*"*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	07/17/08 15:08

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

TestAmerica Seattle

QC Batch: 8G07054 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8G07054-BLK1)							**Extracted: 07/07/08 12:00**							
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	--	--	--	--	--	--	07/07/08 21:09	
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)		*Recovery: 91.0%*			*Limits: 70-150%*	"							*07/07/08 21:09*	
4-BFB (PID)		*107%*			*75-125%*	"							*"*	
LCS (8G07054-BS1)							**Extracted: 07/07/08 12:00**							
Gasoline Range Hydrocarbons	NWTPH Modified	71.7	---	10.0	mg/m³ Air	1x	--	100	71.7%	(50-150)	--	--	07/07/08 18:39	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.5%*			*Limits: 70-150%*	"							*07/07/08 18:39*	
LCS (8G07054-BS2)							**Extracted: 07/07/08 12:00**							
Benzene	NWTPH Modified	1.15	---	0.100	mg/m³ Air	1x	--	2.00	57.4%	(50-150)	--	--	07/07/08 19:39	
Toluene	"	1.33	---	0.100	"	"	--	"	66.4%	"	--	--	"	
Ethylbenzene	"	1.29	---	0.100	"	"	--	"	64.5%	"	--	--	"	
Xylenes (total)	"	3.99	---	0.200	"	"	--	6.00	66.5%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 111%*			*Limits: 75-125%*	"							*07/07/08 19:39*	
LCS Dup (8G07054-BSD1)							**Extracted: 07/07/08 12:00**							
Gasoline Range Hydrocarbons	NWTPH Modified	72.1	---	10.0	mg/m³ Air	1x	--	100	72.1%	(50-150)	0.468%	(50)	07/07/08 19:09	
Surrogate(s): 4-BFB (FID)		*Recovery: 87.5%*			*Limits: 70-150%*	"							*07/07/08 19:09*	
LCS Dup (8G07054-BSD2)							**Extracted: 07/07/08 12:00**							
Benzene	NWTPH Modified	1.09	---	0.100	mg/m³ Air	1x	--	2.00	54.5%	(50-150)	5.11%	(50)	07/07/08 20:09	
Toluene	"	1.15	---	0.100	"	"	--	"	57.4%	"	14.5%	"	"	
Ethylbenzene	"	1.23	---	0.100	"	"	--	"	61.3%	"	5.17%	"	"	
Xylenes (total)	"	3.71	---	0.200	"	"	--	6.00	61.9%	"	7.14%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 112%*			*Limits: 75-125%*	"							*07/07/08 20:09*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	07/17/08 15:08

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

TestAmerica Seattle

QC Batch: 8G07054 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8G07054-DUP1)				**QC Source: BRG0069-02**				**Extracted: 07/07/08 12:00**						
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	ND	--	--	--	2.96%	(30)	07/07/08 22:09	
Gasoline Range Hydrocarbons (v/v)	"	ND	---	2.36	ppmv	"	ND	--	--	--	2.96%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	4.14%	"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	3.53%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	4.14%	"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	3.53%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 83.2%*			*Limits: 70-150%*	"							*07/07/08 22:09*	
4-BFB (PID)		*110%*			*75-125%*	"							"	

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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/17/08 15:08

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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 Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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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

CHAIN OF CUSTODY REPORT

Work Order #: BRG0079

CLIENT: CP / STANTEC

REPORT TO: JEN YOTZ

ADDRESS: 12034 134TH CT SUITE 102 REDMOND, WA

PHONE: 425-372-1608 FAX: 425-372-1650

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP-01396.42

SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST

in Business Days *

Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPH-G	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	TOT INF	7-7-08 @ 14:40		↓	↓	AIR	1	5353	WA0
2	MID	14:46				↓	1	↓	07
3	TOT EFF	14:47				↓	1	↓	WA0
4	A3	7-7-08 15:54				AIR	1	5353	WA0
5									
6									
7									
8									
9									
10									

RELEASED BY: PRINT NAME: LINDA RAWLINS FIRM: STANTEC DATE: 7-7-08 TIME: 16:00

RECEIVED BY: PRINT NAME: Francisco Lung Jr FIRM: TA-SEA DATE: 7/7/08 TIME: 1600

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: @Lab 1635 W/O

TEMP: 21.8°C

PAGE OF

TAL-1000(0108)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)	**Logged-in By:**	**Unpacked/Labeled By:**	***Cooler ID:*** _____
Date: 7/7/08	Date: 7/7/08	Date: 7/7/08	Work Order No. 320-0079
Time: 1635	Time: 1704	Time: 1710	Client: _____
Initials: EL	Initials: CB	Initials: CB	Project: _____

Container Type:
- ____ Cooler
- ____ Box
- X None/Other _____

COC Seals:
- ____ Ship Container ____ Sign By
- ____ On Bottles ____ Date
- X None

Packing Material:
- ____ Bubble Bags ____ Styrofoam
- ____ Foam Packs
- X None/Other _____

Refrigerant:
- ____ Gel Ice Pack _____
- ____ Loose Ice _____
- X None/Other _____

Received Via: Bill#_____
- ____ Fed Ex ____ Client
- ____ UPS X TA Courier
- ____ DHL ____ Mid Valley
- ____ Senvoy ____ TDP
- ____ GS ____ Other_____

Cooler Temperature (*IR*): 21.8 °C Plastic Glass (Frozen filters, ~~Tedlars~~ and aqueous Metals exempt)
(circle one)

Temperature Blank? _____°C or NA Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	Y or N	_____	Metals Preserved?	Y or N or NA	_____
Provided by TA?	Y or N	_____	Client QAPP Preserved?	Y or N or NA	_____
Correct Type?	Y or N	_____	Adequate Volume? (for tests requested)	Y or N	_____
#Containers match COC?	Y or N	_____	Water VOAs: Headspace?	Y or N or NA	_____
IDs/time/date match COC?	Y or N	_____	Comments:		
Hold Times in hold?	Y or N	_____	_____		

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, _____/_____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

NOTIFICATION OF DISCREPANCY

DATE: 7/7/08 *TIME:* 1705 *PM:* SY *SC INITIALS:* CB

Rush/Short Hold? ☒ *Yes* ☐ *No*

☐ **Project Not Set Up in ELM** ☐ **New Client** ☐ **COC Received ON HOLD**
☐ **Analysis Requested on COC – Not Listed for Project in ELM**

☐ **PM To Add Analysis:** _____
☐ **Clarification of Analysis:** _____
☐ **Hold Time Expired: (Analysis)** _____
☒ **Turnaround Time Not Checked:** 10 days
☐ **Did Not Receive Sample(s) Listed on COC:** _____
_____
☐ **Received Extra Sample(s) Not Listed on COC:** _____
_____
☐ **Sample Description(s) or Date/Time Sampled Do Not Match COC:**
_____
_____
_____
☐ **Improper Preservative For method:** _____
☐ **Sample Received Broken:** _____
☐ **Insufficient Sample Volume:** _____
☐ **Sample preserved upon receipt:** _____
_____
☐ **Temperature Outside recommended range (4°C±2°C):** _____
☐ **Received on-ice within 4 hours of collection, temperature between ambient to 2°C acceptable.**
☐ **Other:**
_____
_____
_____
_____

PROJECT MANAGER RESOLUTION:	(Date & Time when returned to SC)
Approval By:	**Date:** **Time:**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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11922 E. First Ave, Spokane, WA 99206-5302 509-924-9200 FAX 924-9290
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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRG0079

CLIENT: CP / STANTEC

REPORT TO: JEN YOTZ

ADDRESS: 12034 134TH CT SUITE 102 REDMOND, WA

PHONE: 425-372-1608 FAX: 425-372-1650

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP-01396.42

SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES: TPH-G | BTEX

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	TOT INF	7-7-08 @ 19:40	AIR	1	5353	WA0
2	MID	14:46	↓	1	↓	↓ 07
3	TOT EFF	14:47	↓	1	↓	WA 07
4	A3	7-7-08 15:54	AIR	1	5353	WA0
5						
6						
7						
8						
9						
10						

RELEASED BY: PRINT NAME: LINDA RAWLINS FIRM: STANTEC DATE: 7-7-08 TIME: 16:00

RECEIVED BY: PRINT NAME: Francisco Lang Jr FIRM: TA-SEA DATE: 7/7/08 TIME: 1600

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: @ Lab 1635 w/o

TEMP: 21.8°C

PAGE OF

TAL-1000(0108)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle (Y) or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt) **Logged-in By:** **Unpacked/Labeled By:** ***Cooler ID:*** _____

Date: 7/7/08 Date: 7/7/08 Date: 7/7/08 Work Order No. BRG0079

Time: 1635 Time: 1704 Time: 1710 Client: _____

Initials: FL Initials: CB Initials: CB Project: _____

Container Type:

_____ Cooler

_____ Box

X None/Other _____

COC Seals:

_____ Ship Container _____ Sign By

_____ On Bottles _____ Date

X None

Packing Material:

_____ Bubble Bags _____ Styrofoam

_____ Foam Packs

X None/Other _____

Refrigerant:

_____ Gel Ice Pack _____

_____ Loose Ice _____

X None/Other _____

Received Via: Bill#_____

_____ Fed Ex _____ Client

_____ UPS X TA Courier

_____ DHL _____ Mid Valley

_____ Senvoy _____ TDP

_____ GS _____ Other_____

Cooler Temperature (*IR*): 21.8 °C Plastic Glass (Frozen filters, ~~Pedlars~~ and aqueous Metals exempt)

(circle one)

Temperature Blank? _____°C or NA Trip Blank? Y or N or (NA)

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:

(initial/date/time):_____

Comments:_____

Sample Containers:		ID			ID
Intact?	(Y) or N	_____	Metals Preserved?	Y or N or (NA)	_____
Provided by TA?	(Y) or N	_____	Client QAPP Preserved?	Y or N or (NA)	_____
Correct Type?	(Y) or N	_____	Adequate Volume? (for tests requested)	(Y) or N	_____
#Containers match COC?	(Y) or N	_____	Water VOAs: Headspace?	Y or N or (NA)	_____
IDs/time/date match COC?	Y or (N)	CB	Comments:		
Hold Times in hold?	(Y) or N	_____	_____		

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

NOTIFICATION OF DISCREPANCY

DATE: 7/7/08 *TIME:* 1705 *PM:* SG *SC INITIALS:* GB

Rush/Short Hold? ☒ *Yes* ☐ *No*

☐ Project Not Set Up in ELM ☐ New Client ☐ COC Received ON HOLD
☐ Analysis Requested on COC – Not Listed for Project in ELM

☐ PM To Add Analysis: _____
☐ Clarification of Analysis: _____
☐ Hold Time Expired: (Analysis) _____
☒ Turnaround Time Not Checked: 10 days.
☐ Did Not Receive Sample(s) Listed on COC: _____
_____
☐ Received Extra Sample(s) Not Listed on COC: _____
_____
☒ Sample Description(s) or Date/Time Sampled Do Not Match COC:
INF & EFF Sample times reversed on bags. Logged in per COC. MID on COC is labeled as BETWN e on bag. Logged in per COC.
☐ Improper Preservative For method: _____
☐ Sample Received Broken: _____
☐ Insufficient Sample Volume: _____
☐ Sample preserved upon receipt: _____
_____
☐ Temperature Outside recommended range (4°C±2°C): _____
☐ Received on-ice within 4 hours of collection, temperature between ambient to 2°C acceptable.
☐ Other:

PROJECT MANAGER RESOLUTION:	(Date & Time when returned to SC)
Approval By:	Date: Time:

TestAmerica
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July 21, 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 07/11/08 15:30. The following list is a summary of the Work Orders contained in this report, generated on 07/21/08 08:37.

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

Work Order	Project	ProjectNumber
BRG0151	5353 Westlake EFR	O1CP.01396.41

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.41	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/21/08 08:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-48 AIR	BRG0151-01	Air	07/10/08 09:12	07/11/08 15:30
MW-88 AIR	BRG0151-02	Air	07/10/08 09:13	07/11/08 15:30
MW-48 AIR	BRG0151-03	Air	07/10/08 15:17	07/11/08 15:30
MW-88 AIR	BRG0151-04	Air	07/10/08 15:19	07/11/08 15:30
MW-48 H2O	BRG0151-05	Water	07/10/08 09:54	07/11/08 15:30
MW-88 H2O	BRG0151-06	Water	07/10/08 10:06	07/11/08 15:30
MW-48 H2O	BRG0151-07	Water	07/10/08 15:21	07/11/08 15:30
MW-88 H2O	BRG0151-08	Water	07/10/08 15:27	07/11/08 15:30

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Sandra Yakamavich

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	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/21/08 08:37

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
BRG0151-05 (MW-48 H2O)		**Water**			**Sampled: 07/10/08 09:54**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**379**	-----	50.0	ug/l	1x	8G14027	07/14/08 11:32	07/15/08 03:01	
Benzene	"	**2.76**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**18.9**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**32.5**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*98.7%*		*58 - 144 %*	"			"	
4-BFB (PID)			*104%*		*68 - 140 %*	"			"	
BRG0151-06 (MW-88 H2O)		**Water**			**Sampled: 07/10/08 10:06**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**890**	-----	50.0	ug/l	1x	8G14027	07/14/08 11:32	07/15/08 11:31	
Benzene	"	**0.550**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**11.5**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**38.1**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*95.4%*		*58 - 144 %*	"			"	
4-BFB (PID)			*102%*		*68 - 140 %*	"			"	
BRG0151-07 (MW-48 H2O)		**Water**			**Sampled: 07/10/08 15:21**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**273**	-----	50.0	ug/l	1x	8G14027	07/14/08 11:32	07/15/08 12:04	
Benzene	"	**1.16**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**8.49**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**17.5**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*96.9%*		*58 - 144 %*	"			"	
4-BFB (PID)			*103%*		*68 - 140 %*	"			"	
BRG0151-08 (MW-88 H2O)		**Water**			**Sampled: 07/10/08 15:27**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**1670**	-----	50.0	ug/l	1x	8G14027	07/14/08 11:32	07/15/08 03:34	
Benzene	"	**1.23**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**39.2**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**134**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*106%*		*58 - 144 %*	"			"	
4-BFB (PID)			*107%*		*68 - 140 %*	"			"	

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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	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/21/08 08:37

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

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Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRG0151-01 (MW-48 AIR)		**Air**			**Sampled: 07/10/08 09:12**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G12001	07/12/08 10:41	07/12/08 13:24	
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	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*87.4%*		*70 - 150 %*	"			"	
4-BFB (PID)			*109%*		*75 - 125 %*	"			"	
BRG0151-02 (MW-88 AIR)		**Air**			**Sampled: 07/10/08 09:13**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G12001	07/12/08 10:41	07/12/08 13:53	
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)			*87.4%*		*70 - 150 %*	"			"	
4-BFB (PID)			*110%*		*75 - 125 %*	"			"	
BRG0151-03 (MW-48 AIR)		**Air**			**Sampled: 07/10/08 15:17**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G12001	07/12/08 10:41	07/12/08 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	"	"	"	"	"	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/21/08 08:37

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
BRG0151-03 (MW-48 AIR)		**Air**			**Sampled: 07/10/08 15:17**					
Surrogate(s): 4-BFB (FID)			*80.6%*		*70 - 150 %*	*1x*			*07/12/08 16:23*	
4-BFB (PID)			*106%*		*75 - 125 %*	*"*			*"*	
BRG0151-04 (MW-88 AIR)		**Air**			**Sampled: 07/10/08 15:19**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G12001	07/12/08 10:41	07/12/08 16:54	
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)			*83.9%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*110%*		*75 - 125 %*	*"*			*"*	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/21/08 08:37

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

TestAmerica Seattle

QC Batch: 8G14027 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8G14027-BLK1)								**Extracted: 07/14/08 11:32**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	07/14/08 15:23	
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%*			*Limits: 58-144%*	"							*07/14/08 15:23*	
4-BFB (PID)		*99.7%*			*68-140%*	"							"	
LCS (8G14027-BS1)								**Extracted: 07/14/08 11:32**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	977	---	50.0	ug/l	1x	--	1000	97.7%	(80-120)	--	--	07/14/08 15:55	
Surrogate(s): 4-BFB (FID)		*Recovery: 93.2%*			*Limits: 58-144%*	"							*07/14/08 15:55*	
LCS (8G14027-BS2)								**Extracted: 07/14/08 11:32**						
Benzene	NWTPH-Gx/ 8021B	30.0	---	0.500	ug/l	1x	--	30.0	100%	(80-120)	--	--	07/14/08 16:28	
Toluene	"	30.6	---	0.500	"	"	--	"	102%	"	--	--	"	
Ethylbenzene	"	30.8	---	0.500	"	"	--	"	103%	"	--	--	"	
Xylenes (total)	"	92.1	---	1.00	"	"	--	90.0	102%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 101%*			*Limits: 68-140%*	"							*07/14/08 16:28*	
Duplicate (8G14027-DUP1)					**QC Source: BRG0134-01**			**Extracted: 07/14/08 11:32**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	61.4	--	--	--	94.2%	(25)	07/14/08 18:49	**R4**
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: 90.3%*			*Limits: 58-144%*	"							*07/14/08 18:49*	
4-BFB (PID)		*99.9%*			*68-140%*	"							"	
Duplicate (8G14027-DUP2)					**QC Source: BRG0134-03**			**Extracted: 07/14/08 11:32**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	236	---	50.0	ug/l	1x	272	--	--	--	14.3%	(25)	07/14/08 19:55	
Benzene	"	2.47	---	0.500	"	"	2.58	--	--	--	4.63%	"	"	
Toluene	"	ND	---	0.500	"	"	ND	--	--	--	2.32%	"	"	
Ethylbenzene	"	ND	---	0.500	"	"	ND	--	--	--	NR	"	"	
Xylenes (total)	"	ND	---	1.00	"	"	ND	--	--	--	0.765%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 97.7%*			*Limits: 58-144%*	"							*07/14/08 19:55*	
4-BFB (PID)		*100%*			*68-140%*	"							"	

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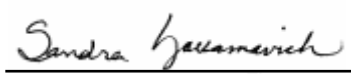

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Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Laboratory Quality Control Results

TestAmerica Seattle

QC Batch: 8G14027 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (8G14027-MS1)				**QC Source: BRG0134-01**					**Extracted: 07/14/08 11:32**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1020	---	50.0	ug/l	1x	61.4	1000	96.4%	(75-131)	--	--	07/14/08 20:28	
Surrogate(s): 4-BFB (FID)		*Recovery: 99.3%*		*Limits: 58-144%*		"							*07/14/08 20:28*	
Matrix Spike (8G14027-MS2)				**QC Source: BRG0134-03**					**Extracted: 07/14/08 11:32**					
Benzene	NWTPH-Gx/ 8021B	34.0	---	0.500	ug/l	1x	2.58	30.0	105%	(46-130)	--	--	07/14/08 21:33	
Toluene	"	33.0	---	0.500	"	"	0.218	"	109%	(60-124)	--	--	"	
Ethylbenzene	"	33.1	---	0.500	"	"	ND	"	110%	(56-141)	--	--	"	
Xylenes (total)	"	98.5	---	1.00	"	"	0.656	90.0	109%	(66-132)	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 101%*		*Limits: 68-140%*		"							*07/14/08 21:33*	
Matrix Spike Dup (8G14027-MSD1)				**QC Source: BRG0134-01**					**Extracted: 07/14/08 11:32**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	983	---	50.0	ug/l	1x	61.4	1000	92.2%	(75-131)	4.14%	(25)	07/14/08 21:00	
Surrogate(s): 4-BFB (FID)		*Recovery: 99.1%*		*Limits: 58-144%*		"							*07/14/08 21:00*	

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

TestAmerica Seattle

QC Batch: 8G12001 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8G12001-BLK1)							**Extracted: 07/12/08 10:41**							
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND	---	2.36	ppmv	1x	--	--	--	--	--	--	07/12/08 12:54	
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)		*Recovery: 85.0%*			*Limits: 70-150%*	"							*07/12/08 12:54*	
4-BFB (PID)		*106%*			*75-125%*	"							"	
LCS (8G12001-BS1)							**Extracted: 07/12/08 10:41**							
Gasoline Range Hydrocarbons	NWTPH Modified	79.7	---	10.0	mg/m³ Air	1x	--	100	79.7%	(50-150)	--	--	07/12/08 14:23	
Surrogate(s): 4-BFB (FID)		*Recovery: 92.8%*			*Limits: 70-150%*	"							*07/12/08 14:23*	
LCS (8G12001-BS2)							**Extracted: 07/12/08 10:41**							
Benzene	NWTPH Modified	1.16	---	0.100	mg/m³ Air	1x	--	2.00	57.8%	(50-150)	--	--	07/12/08 15:23	
Toluene	"	1.23	---	0.100	"	"	--	"	61.4%	"	--	--	"	
Ethylbenzene	"	1.25	---	0.100	"	"	--	"	62.4%	"	--	--	"	
Xylenes (total)	"	3.80	---	0.200	"	"	--	6.00	63.3%	"	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 83.7%*			*Limits: 70-150%*	"							*07/12/08 15:23*	
4-BFB (PID)		*111%*			*75-125%*	"							"	
LCS Dup (8G12001-BSD1)							**Extracted: 07/12/08 10:41**							
Gasoline Range Hydrocarbons	NWTPH Modified	80.1	---	10.0	mg/m³ Air	1x	--	100	80.1%	(50-150)	0.466%	(50)	07/12/08 14:53	
Surrogate(s): 4-BFB (FID)		*Recovery: 90.1%*			*Limits: 70-150%*	"							*07/12/08 14:53*	
LCS Dup (8G12001-BSD2)							**Extracted: 07/12/08 10:41**							
Benzene	NWTPH Modified	1.17	---	0.100	mg/m³ Air	1x	--	2.00	58.5%	(50-150)	1.14%	(50)	07/12/08 15:53	
Toluene	"	1.20	---	0.100	"	"	--	"	59.8%	"	2.56%	"	"	
Ethylbenzene	"	1.26	---	0.100	"	"	--	"	62.8%	"	0.735%	"	"	
Xylenes (total)	"	3.79	---	0.200	"	"	--	6.00	63.2%	"	0.279%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 84.9%*			*Limits: 70-150%*	"							*07/12/08 15:53*	
4-BFB (PID)		*113%*			*75-125%*	"							"	

TestAmerica Seattle

Sandra Yakamavich, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.41	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/21/08 08:37

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

TestAmerica Seattle

QC Batch: 8G12001 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8G12001-DUP1)				**QC Source: BRG0151-01**				**Extracted: 07/12/08 10:41**						
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND	---	2.36	ppmv	1x	ND	--	--	--	28.2%	(30)	07/12/08 17:24	
Gasoline Range Hydrocarbons	"	ND	---	10.0	mg/m³ Air	"	ND	--	--	--	28.2%	"	"	
Benzene (v/v)	"	ND	---	0.0308	ppmv	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	17.5%	"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	36.9%	"	"	**R4**
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	17.5%	"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	36.9%	"	"	**R4**
Surrogate(s): 4-BFB (FID)		*Recovery: 80.6%*			*Limits: 70-150%*	"							*07/12/08 17:24*	
4-BFB (PID)		*112%*			*75-125%*	"							"	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/21/08 08:37

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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 Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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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

CHAIN OF CUSTODY REPORT

Work Order #: BRG0151

CLIENT: CP/STANTEC
REPORT TO: JEN YOTZ
ADDRESS: 12034 134th Ct NE, SUITE 102 REDMOND, WA 98052
PHONE: 425-372-1600 FAX: 425-372-1650

INVOICE TO: SAME
P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE
PROJECT NUMBER: 01CP-01396.41
SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: [X] STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE: HCl	HCl	REQUESTED ANALYSES: TPH-G	BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	MW-48 Air	7-10-08 @ 9:12			X	X	Air	1	WA 5353	WA 01
2	MW-88 Air	@ 9:13			X	X		1		02
3	MW-48 Air	@ ~~15:17~~			X	X		1		03
4	MW-48 Air	@ 15:19			X	X	Air	1		04
5	MW-48 H_2O	@ 9:54			X	X	H_2O	3V		05
6	MW-88 H_2O	@ 10:06			X	X		3V		06
7	MW-48 H_2O	@ 15:21			X	X		3V		07
8	MW-88 H_2O	7-10-08 @ 15:27			X	X	H_2O	3V	WA 5353	WA 08
9										
10										

RELEASED BY: PRINT NAME: L. RAWLINS FIRM: STANTEC DATE: 7-10-08 TIME:
RECEIVED BY: PRINT NAME: Sandra Yamamoto FIRM: TAS DATE: 7/11/08 TIME: 1530
RELEASED BY: PRINT NAME: FIRM: DATE: TIME:
RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:
TEMP: 5.8°C w/o
PAGE OF

TAL-1000(0108)

TAT: STD | Paperwork to PM – Date:_____ Time:_____ | Non-Conformances?

Page Time & Initials:_____ | Circle (Y) or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)	**Logged-in By:**	**Unpacked/Labeled By:**	***Cooler ID:*** 323
Date: 7/11/08	Date: 7/11/08	Date: 07.14.08	Work Order No. BRG0151
Time: 1530	Time: 1636	Time: 0907	Client:
Initials: SY/CB	Initials: CB	Initials: CW	Project:

Container Type:
- ✓ Cooler
- ____ Box
- ____ None/Other ____

COC Seals:
- ____ Ship Container
- ____ On Bottles
- ✓ None
- ____ Sign By
- ____ Date

Packing Material:
- ____ Bubble Bags
- ✓ Styrofoam
- ____ Foam Packs
- ____ None/Other ____

Refrigerant:
- ____ Gel Ice Pack ____
- ✓ Loose Ice ____
- ____ None/Other ____

Received Via: Bill#
- ____ Fed Ex
- ✓ Client
- ____ UPS
- ____ TA Courier
- ____ DHL
- ____ Mid Valley
- ____ Senvoy
- ____ TDP
- ____ GS
- ____ Other____

Cooler Temperature (*IR*): ~~5.8~~ 6.0 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? 5.8 °C or NA

Trip Blank? Y or (N) or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	(Y) or N		Metals Preserved?	Y or N or (NA)	
Provided by TA?	(Y) or N		Client QAPP Preserved?	Y or N or (NA)	
Correct Type?	(Y) or N		Adequate Volume? (for tests requested)	(Y) or N	
#Containers match COC?	(Y) or N		Water VOAs: Headspace?	Y or (N) or NA	
IDs/time/date match COC?	Y or (N)		Comments:		
Hold Times in hold?	(Y) or N				

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

Total access set up? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, ____/____ (Date Time)

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

NOTIFICATION OF DISCREPANCY

DATE: 7/11/08	TIME: 1648	PM: SY	SC INITIALS: CB
Rush/Short Hold? ☒ Yes ☐ No			

☐ Project Not Set Up in ELM ☐ New Client ☐ COC Received ON HOLD
☐ Analysis Requested on COC – Not Listed for Project in ELM

☐ PM To Add Analysis: _____
☐ Clarification of Analysis: _____
☐ Hold Time Expired: (Analysis) _____
☐ Turnaround Time Not Checked: _____
☐ Did Not Receive Sample(s) Listed on COC: _____
_____
☐ Received Extra Sample(s) Not Listed on COC: _____
_____
☒ Sample Description(s) or Date/Time Sampled Do Not Match COC:
on COC = MW-48 AIR @ 1519 is MW-88 @ 1518 on Container, logged in as MW-88 (this is a repeat project) but @ 1519 as on COC. MW-48 says 0954, containers say 0954, 0955, 0956, MW-88 says 1006, containers says 1006, 1007, 1008, MW-48 says 1521 containers says 1521, 1522, logged in according to COC.

☐ Improper Preservative For method: _____
☐ Sample Received Broken: _____
☐ Insufficient Sample Volume: _____
☐ Sample preserved upon receipt: _____
_____
☐ Temperature Outside recommended range (4°C±2°C): _____
  ☐ Received on-ice within 4 hours of collection, temperature between ambient to 2°C acceptable.
☐ Other:

_____
_____
_____
_____

PROJECT MANAGER RESOLUTION:	(Date & Time when returned to SC)
Approval By: Date: Time:	

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

July 31, 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 07/24/08 16:50. The following list is a summary of the Work Orders contained in this report, generated on 07/31/08 15:30.

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

Work Order	Project	ProjectNumber
BRG0317	5353 Westlake EFR	O1CP.01396.41/255353

TestAmerica Seattle

Sandra Yakamavich

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	07/31/08 15:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-48 (AM AIR)	BRG0317-01	Air	07/24/08 08:30	07/24/08 16:50
MW-88 (AM AIR)	BRG0317-02	Air	07/24/08 08:32	07/24/08 16:50
MW-48 (AM H2O)	BRG0317-03	Water	07/24/08 08:47	07/24/08 16:50
MW-88 (AM H2O)	BRG0317-04	Water	07/24/08 09:04	07/24/08 16:50
MW-48 (PM AIR)	BRG0317-05	Air	07/24/08 14:51	07/24/08 16:50
MW-88 (PM AIR)	BRG0317-06	Air	07/24/08 14:53	07/24/08 16:50
MW-48 (PM H2O)	BRG0317-07	Water	07/24/08 14:57	07/24/08 16:50
MW-88 (PM H2O)	BRG0317-08	Water	07/24/08 15:20	07/24/08 16:50

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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	07/31/08 15:30

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
BRG0317-03 (MW-48 (AM H2O))		**Water**			**Sampled: 07/24/08 08:47**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**577**	-----	50.0	ug/l	1x	8G28032	07/28/08 11:02	07/29/08 13:24	
Benzene	"	**4.68**	-----	0.500	"	"	"	"	"	**B4, A-01a**
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**29.1**	-----	0.500	"	"	"	"	"	**B3, A-01**
Xylenes (total)	"	**38.3**	-----	1.00	"	"	"	"	"	**B3, A-01**
Surrogate(s): 4-BFB (FID)			*105%*		*58 - 144 %*	"			"	
4-BFB (PID)			*106%*		*68 - 140 %*	"			"	
BRG0317-04 (MW-88 (AM H2O))		**Water**			**Sampled: 07/24/08 09:04**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**1350**	-----	50.0	ug/l	1x	8G28032	07/28/08 11:02	07/29/08 13:57	
Benzene	"	**0.999**	-----	0.500	"	"	"	"	"	**B4, A-01a**
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**25.0**	-----	0.500	"	"	"	"	"	**B3, A-01**
Xylenes (total)	"	**94.2**	-----	1.00	"	"	"	"	"	**B3, A-01**
Surrogate(s): 4-BFB (FID)			*102%*		*58 - 144 %*	"			"	
4-BFB (PID)			*103%*		*68 - 140 %*	"			"	
BRG0317-07 (MW-48 (PM H2O))		**Water**			**Sampled: 07/24/08 14:57**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**672**	-----	50.0	ug/l	1x	8G28032	07/28/08 11:02	07/29/08 14:30	
Benzene	"	**3.00**	-----	0.500	"	"	"	"	"	**B4, A-01a**
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**26.5**	-----	0.500	"	"	"	"	"	**B3, A-01**
Xylenes (total)	"	**56.7**	-----	1.00	"	"	"	"	"	**B3, A-01**
Surrogate(s): 4-BFB (FID)			*104%*		*58 - 144 %*	"			"	
4-BFB (PID)			*101%*		*68 - 140 %*	"			"	
BRG0317-08 (MW-88 (PM H2O))		**Water**			**Sampled: 07/24/08 15:20**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**833**	-----	50.0	ug/l	1x	8G28032	07/28/08 11:02	07/29/08 15:03	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**15.7**	-----	0.500	"	"	"	"	"	**B3, A-01**
Xylenes (total)	"	**54.8**	-----	1.00	"	"	"	"	"	**B3, A-01**
Surrogate(s): 4-BFB (FID)			*96.8%*		*58 - 144 %*	"			"	
4-BFB (PID)			*99.6%*		*68 - 140 %*	"			"	

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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	07/31/08 15:30

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
BRG0317-08RE1 (MW-88 (PM H2O))		**Water**			**Sampled: 07/24/08 15:20**					
Benzene	NWTPH-Gx/802 1B	**0.514**	-----	0.500	ug/l	1x	8G28032	07/28/08 11:02	07/29/08 21:03	
Surrogate(s): 4-BFB (PID)			*101%*		*68 - 140 %*	"			"	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/31/08 15:30

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
BRG0317-01 (MW-48 (AM AIR))		**Air**				**Sampled: 07/24/08 08:30**				
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G25021	07/25/08 12:04	07/25/08 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)			*82.7%*		*70 - 150 %*	"			"	
4-BFB (PID)			*109%*		*75 - 125 %*	"			"	
BRG0317-02 (MW-88 (AM AIR))		**Air**				**Sampled: 07/24/08 08:32**				
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G25021	07/25/08 12:04	07/25/08 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)			*85.8%*		*70 - 150 %*	"			"	
4-BFB (PID)			*113%*		*75 - 125 %*	"			"	
BRG0317-05 (MW-48 (PM AIR))		**Air**				**Sampled: 07/24/08 14:51**				
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G25021	07/25/08 12:04	07/25/08 21:58	
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	"	"	"	"	"	

TestAmerica Seattle

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	07/31/08 15:30

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
BRG0317-05 (MW-48 (PM AIR))		**Air**			**Sampled: 07/24/08 14:51**					
Surrogate(s): 4-BFB (FID)		*84.1%*			*70 - 150 %*	*1x*			*07/25/08 21:58*	
4-BFB (PID)		*111%*			*75 - 125 %*	*"*			*"*	
BRG0317-06 (MW-88 (PM AIR))		**Air**			**Sampled: 07/24/08 14:53**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8G25021	07/25/08 12:04	07/25/08 22:28	
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	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)		*85.7%*			*70 - 150 %*	*"*			*"*	
4-BFB (PID)		*113%*			*75 - 125 %*	*"*			*"*	

TestAmerica Seattle

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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	07/31/08 15:30

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

TestAmerica Seattle

QC Batch: 8G28032 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8G28032-BLK1)									**Extracted: 07/28/08 11:02**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	07/28/08 20:49	
Benzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 90.4%*			*Limits: 58-144%*	"							*07/28/08 20:49*	
4-BFB (PID)		*94.7%*			*68-140%*	"							"	
LCS (8G28032-BS1)									**Extracted: 07/28/08 11:02**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	522	---	50.0	ug/l	1x	--	500	104%	(80-120)	--	--	07/28/08 21:22	
Surrogate(s): 4-BFB (FID)		*Recovery: 95.2%*			*Limits: 58-144%*	"							*07/28/08 21:22*	
LCS (8G28032-BS2)									**Extracted: 07/28/08 11:02**					
Benzene	NWTPH-Gx/ 8021B	28.8	---	0.500	ug/l	1x	--	30.0	96.1%	(80-120)	--	--	07/28/08 21:55	M3
Toluene	"	30.0	---	0.500	"	"	--	"	100%	"	--	--	"	
Ethylbenzene	"	31.4	---	0.500	"	"	--	"	105%	"	--	--	"	
Xylenes (total)	"	90.4	---	1.00	"	"	--	90.0	100%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 95.8%*			*Limits: 68-140%*	"							*07/28/08 21:55*	
Duplicate (8G28032-DUP1)					**QC Source: BRG0302-07**				**Extracted: 07/28/08 11:02**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	21900	---	1000	ug/l	20x	21000	--	--	--	3.97%	(25)	07/28/08 23:00	
Toluene	"	249	---	10.0	"	"	245	--	--	--	1.66%	"	"	
Ethylbenzene	"	875	---	10.0	"	"	838	--	--	--	4.28%	"	"	
Xylenes (total)	"	1700	---	20.0	"	"	1630	--	--	--	4.17%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 98.5%*			*Limits: 58-144%*	*1x*							*07/28/08 23:00*	
4-BFB (PID)		*98.7%*			*68-140%*	"							"	
Duplicate (8G28032-DUP2)					**QC Source: BRG0282-02RE1**				**Extracted: 07/28/08 11:02**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	ND	--	--	--	2.35%	(25)	07/29/08 05:02	
Benzene	"	0.614	---	0.500	"	"	0.650	--	--	--	5.70%	"	"	
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: 91.4%*			*Limits: 58-144%*	"							*07/29/08 05:02*	
4-BFB (PID)		*97.9%*			*68-140%*	"							"	

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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	07/31/08 15:30

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

TestAmerica Seattle

QC Batch: 8G28032 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8G28032-DUP3)					**QC Source: BRG0302-07RE1**				**Extracted: 07/28/08 11:02**					
Benzene	NWTPH-Gx/ 8021B	2090	---	25.0	ug/l	50x	2120	--	--	--	0.995%	(25)	07/29/08 17:14	
Surrogate(s): 4-BFB (PID)		*Recovery: 95.1%*			*Limits: 68-140%*	*1x*							*07/29/08 17:14*	
Matrix Spike (8G28032-MS1)					**QC Source: BRG0302-07**				**Extracted: 07/28/08 11:02**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	43900	---	1000	ug/l	20x	21000	20000	114%	(75-131)	--	--	07/29/08 00:06	
Surrogate(s): 4-BFB (FID)		*Recovery: 109%*			*Limits: 58-144%*	*1x*							*07/29/08 00:06*	
Matrix Spike (8G28032-MS2)					**QC Source: BRG0302-07**				**Extracted: 07/28/08 11:02**					
Benzene	NWTPH-Gx/ 8021B	2590	---	10.0	ug/l	20x	2170	600	70.0%	(46-130)	--	--	07/29/08 01:12	M3
Toluene	"	790	---	10.0	"	"	245	"	90.9%	(60-124)	--	--	"	
Ethylbenzene	"	1380	---	10.0	"	"	838	"	89.8%	(56-141)	--	--	"	
Xylenes (total)	"	3200	---	20.0	"	"	1630	1800	87.6%	(66-132)	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 99.6%*			*Limits: 68-140%*	*1x*							*07/29/08 01:12*	
Matrix Spike Dup (8G28032-MSD1)					**QC Source: BRG0302-07**				**Extracted: 07/28/08 11:02**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	45100	---	1000	ug/l	20x	21000	20000	120%	(75-131)	2.69%	(25)	07/29/08 00:39	
Surrogate(s): 4-BFB (FID)		*Recovery: 106%*			*Limits: 58-144%*	*1x*							*07/29/08 00:39*	
Matrix Spike Dup (8G28032-MSD2)					**QC Source: BRG0302-07**				**Extracted: 07/28/08 11:02**					
Toluene	NWTPH-Gx/ 8021B	879	---	10.0	ug/l	20x	245	600	106%	(60-124)	10.7%	(40)	07/29/08 01:45	
Ethylbenzene	"	1510	---	10.0	"	"	838	"	112%	(56-141)	9.28%	"	"	
Xylenes (total)	"	3540	---	20.0	"	"	1630	1800	106%	(66-132)	9.99%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 99.6%*			*Limits: 68-140%*	*1x*							*07/29/08 01:45*	

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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	07/31/08 15:30

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

TestAmerica Seattle

QC Batch: 8G25021 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8G25021-BLK1)							**Extracted: 07/25/08 12:04**							
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND	---	2.36	ppmv	1x	--	--	--	--	--	--	07/25/08 14:46	
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)		*Recovery: 87.7%*			*Limits: 70-150%*	"							*07/25/08 14:46*	
4-BFB (PID)		*108%*			*75-125%*	"							*"*	
LCS (8G25021-BS1)							**Extracted: 07/25/08 12:04**							
Gasoline Range Hydrocarbons	NWTPH Modified	71.1	---	10.0	mg/m³ Air	1x	--	100	71.1%	(50-150)	--	--	07/25/08 15:57	
Surrogate(s): 4-BFB (FID)		*Recovery: 81.7%*			*Limits: 70-150%*	"							*07/25/08 15:57*	
LCS (8G25021-BS2)							**Extracted: 07/25/08 12:04**							
Benzene	NWTPH Modified	1.79	---	0.100	mg/m³ Air	1x	--	2.00	89.6%	(50-150)	--	--	07/25/08 16:58	
Toluene	"	1.84	---	0.100	"	"	--	"	92.1%	"	--	--	"	
Ethylbenzene	"	1.84	---	0.100	"	"	--	"	91.8%	"	--	--	"	
Xylenes (total)	"	5.56	---	0.200	"	"	--	6.00	92.7%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 113%*			*Limits: 75-125%*	"							*07/25/08 16:58*	
LCS Dup (8G25021-BSD1)							**Extracted: 07/25/08 12:04**							
Gasoline Range Hydrocarbons	NWTPH Modified	81.1	---	10.0	mg/m³ Air	1x	--	100	81.1%	(50-150)	13.1%	(50)	07/25/08 16:28	
Surrogate(s): 4-BFB (FID)		*Recovery: 90.1%*			*Limits: 70-150%*	"							*07/25/08 16:28*	
LCS Dup (8G25021-BSD2)							**Extracted: 07/25/08 12:04**							
Benzene	NWTPH Modified	1.72	---	0.100	mg/m³ Air	1x	--	2.00	86.0%	(50-150)	4.07%	(50)	07/25/08 17:28	
Toluene	"	1.74	---	0.100	"	"	--	"	87.0%	"	5.67%	"	"	
Ethylbenzene	"	1.76	---	0.100	"	"	--	"	87.8%	"	4.42%	"	"	
Xylenes (total)	"	5.30	---	0.200	"	"	--	6.00	88.3%	"	4.81%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 113%*			*Limits: 75-125%*	"							*07/25/08 17:28*	

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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	07/31/08 15:30

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

TestAmerica Seattle

QC Batch: 8G25021 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8G25021-DUP1)					**QC Source: BRG0317-01**				**Extracted: 07/25/08 12:04**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	ND	--	--	--	10.9%	(30)	07/25/08 19:28	
Gasoline Range Hydrocarbons (v/v)	"	ND	---	2.36	ppmv	"	ND	--	--	--	10.9%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	19.2%	"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	2.02%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	19.2%	"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	2.02%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 87.3%*			*Limits: 70-150%*	"							*07/25/08 19:28*	
4-BFB (PID)		*112%*			*75-125%*	"							"	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	07/31/08 15:30

Notes and Definitions

Report Specific Notes:

A-01	-	Analyte concentration found in sample is greater than 10x the recovery found in the calibration blank.
A-01a	-	Analyte concentration found in sample is greater than 2x the recovery found in the calibration blank.
B3	-	Target analyte detected in calibration blank at or above the method reporting limit.
B4	-	Target analyte detected in blank at/above method acceptance criteria.
M3	-	Results exceeded the linear range in the MS/MSD and therefore are not available for reporting. The batch was accepted based on acceptable recovery in the Blank Spike (LCS).

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

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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

CHAIN OF CUSTODY REPORT

Work Order #: BRG0317

CLIENT: CP / SEATTLE

REPORT TO: JEN YOTZ

ADDRESS: 12034 135th Ct NE Suite 102, REDMOND, WA 98052

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

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP-01396.41

SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: [10] STD. [7] [5] [4] [3] [2] [1] [<1]

Petroleum Hydrocarbon Analyses: [5] STD. [4] [3] [2] [1] [<1]

[OTHER] Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: THH-G	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	MW-48 (AM AIR)	7/24/08 @ 830		X	X	AIR	1	5353 WA	WA-01
2	MW-88 (AM AIR)	@ 832		X	X	AIR	1		-02
3	MW-48 (AM H_2O)	@ 847		X	X	H_2O	3V		-03
4	MW-88 (AM H_2O)	@ 904		X	X	H_2O	3V		-04
5									
6	MW-48 (PM AIR)	@ 14:51		X	X	AIR	1		-05
7	MW-88 (PM AIR)	@ 14:53		X	X	AIR	1		-06
8	MW-48 (PM H_2O)	@ 14:57		X	X	H_2O	3V		-07
9	MW-88 (PM H_2O)	7/24/08 @ 15:20		X	X	H_2O	3V	5353 WA	WA-08
10									

RELEASED BY: DATE: 7/24/08

PRINT NAME: LINDA RAWLINS FIRM: STANTEC TIME:

RECEIVED BY:

PRINT NAME: Francisco Lung, Jr FIRM: TA-SEA DATE: 7/24/08 TIME: 1520

RELEASED BY: DATE:

PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:

PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS: @Lab 1650 w/o

TEMP: 12.3 °C

PAGE OF

TAL-1000(0108)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)	**Logged-in By:**	**Unpacked/Labeled By:**	***Cooler ID:*** 381
Date: 7/24/08	Date: 07.25	Date: 1/25	Work Order No. BRG0317
Time: 1650	Time: 0632	Time: 1:25	Client: _____
Initials: FL	Initials: CW	Initials: CW	Project: _____

Container Type:
- X Cooler
- ____ Box
- ____ None/Other _____

COC Seals:
- ____ Ship Container _____ Sign By
- ____ On Bottles _____ Date
- X None

Packing Material:
- ____ Bubble Bags ____ Styrofoam
- ____ Foam Packs
- X None/Other _____

Refrigerant:
- X Gel Ice Pack Melted
- ____ Loose Ice _____
- ____ None/Other _____

Received Via: Bill#
- ____ Fed Ex ____ Client
- ____ UPS X TA Courier
- ____ DHL ____ Mid Valley
- ____ Senvoy ____ TDP
- ____ GS ____ Other_____

Cooler Temperature (*IR*): 12.3 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? _____°C or NA Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	Y or N	_____	Metals Preserved?	Y or N or NA	_____
Provided by TA?	Y or N	_____	Client QAPP Preserved?	Y or N or NA	_____
Correct Type?	Y or N	_____	Adequate Volume? (for tests requested)	Y or N	_____
#Containers match COC?	Y or N	_____	Water VOAs: Headspace?	Y or N or NA	_____
IDs/time/date match COC?	Y or N	_____	Comments:		
Hold Times in hold?	Y or N	_____	_____		

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4. 01/24/07)

NOTIFICATION OF DISCREPANCY

DATE: 7/24/08 *TIME:* 1650 *PM:* S.Y. *SC INITIALS:* FL

Rush/Short Hold? ☒ *Yes* ☐ *No*

☐ **Project Not Set Up in ELM** ☐ **New Client** ☐ **COC Received ON HOLD**
☐ **Analysis Requested on COC – Not Listed for Project in ELM**

☐ **PM To Add Analysis:** _____
☐ **Clarification of Analysis:** _____
☐ **Hold Time Expired: (Analysis)** _____
☐ **Turnaround Time Not Checked:** _____
☐ **Did Not Receive Sample(s) Listed on COC:** _____
_____
☐ **Received Extra Sample(s) Not Listed on COC:** _____
_____
☐ **Sample Description(s) or Date/Time Sampled Do Not Match COC:**
_____
_____
_____
☐ **Improper Preservative For method:** _____
☐ **Sample Received Broken:** _____
☐ **Insufficient Sample Volume:** _____
☐ **Sample preserved upon receipt:** _____
_____
☑ **Temperature Outside recommended range (4°C±2°C):** 12.3 °C
☐ **Received on-ice within 4 hours of collection, temperature between ambient to 2°C acceptable.**
☐ **Other:**
_____
_____
_____
_____

PROJECT MANAGER RESOLUTION:	(Date & Time when returned to SC)
Approval By:	**Date:** **Time:**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

August 19, 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 08/12/08 09:20. The following list is a summary of the Work Orders contained in this report, generated on 08/19/08 12:12.

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

Work Order	Project	ProjectNumber
BRH0131	5353 Westlake EFR	O1CP.01396.41/255353

TestAmerica Seattle

Sandra Yakamavich

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	08/19/08 12:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SVE-1	BRH0131-01	Air	08/11/08 16:03	08/12/08 09:20
SVE-2	BRH0131-02	Air	08/11/08 16:07	08/12/08 09:20
SVE-3	BRH0131-03	Air	08/11/08 16:10	08/12/08 09:20
SVE-4	BRH0131-04	Air	08/11/08 16:12	08/12/08 09:20
SVE-5	BRH0131-05	Air	08/11/08 16:15	08/12/08 09:20
SVE-6	BRH0131-06	Air	08/11/08 16:18	08/12/08 09:20
SVE-7	BRH0131-07	Air	08/11/08 16:20	08/12/08 09:20
SVE-8	BRH0131-08	Air	08/11/08 16:22	08/12/08 09:20
SVE-9	BRH0131-09	Air	08/11/08 16:25	08/12/08 09:20
SVE-10	BRH0131-10	Air	08/11/08 16:27	08/12/08 09:20
SVE-11	BRH0131-11	Air	08/11/08 16:30	08/12/08 09:20
SVE-12	BRH0131-12	Air	08/11/08 16:35	08/12/08 09:20

TestAmerica Seattle

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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	08/19/08 12:12

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
BRH0131-01 (SVE-1)		**Air**			**Sampled: 08/11/08 16:03**					
Gasoline Range Hydrocarbons	NWTPH Modified	**37.8**	-----	10.0	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 09:46	
Gasoline Range Hydrocarbons (v/v)	"	**8.91**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.102**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0802**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.261**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.331**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.354**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**1.15**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*88.3%*		*70 - 150 %*	"			"	
4-BFB (PID)			*109%*		*75 - 125 %*	"			"	
BRH0131-02 (SVE-2)		**Air**			**Sampled: 08/11/08 16:07**					
Gasoline Range Hydrocarbons	NWTPH Modified	**260**	-----	10.0	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 10:16	
Gasoline Range Hydrocarbons (v/v)	"	**61.3**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**2.24**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.366**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.219**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.552**	-----	0.0454	"	"	"	"	"	
Benzene	"	**7.27**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**1.40**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.966**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**2.44**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*107%*		*70 - 150 %*	"			"	
4-BFB (PID)			*107%*		*75 - 125 %*	"			"	
BRH0131-03 (SVE-3)		**Air**			**Sampled: 08/11/08 16:10**					
Gasoline Range Hydrocarbons	NWTPH Modified	**6690**	-----	100	mg/m³ Air	10x	8H13030	08/13/08 12:35	08/14/08 10:46	
Gasoline Range Hydrocarbons (v/v)	"	**1580**	-----	23.6	ppmv	"	"	"	"	
Benzene (v/v)	"	**2.91**	-----	0.308	"	"	"	"	"	
Toluene (v/v)	"	**12.6**	-----	0.261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**11.5**	-----	0.227	"	"	"	"	"	
Xylenes, total (v/v)	"	**48.8**	-----	0.454	"	"	"	"	"	
Benzene	"	**9.43**	-----	1.00	mg/m³ Air	"	"	"	"	
Toluene	"	**48.3**	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	**50.8**	-----	1.00	"	"	"	"	"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

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	08/19/08 12:12

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
BRH0131-03 (SVE-3)		**Air**			**Sampled: 08/11/08 16:10**					
Xylenes (total)	NWTPH Modified	**215**	-----	2.00	mg/m³ Air	10x	8H13030	08/13/08 12:35	08/14/08 10:46	
Surrogate(s): 4-BFB (FID)			*170%*		*70 - 150 %*	*1x*			*"*	***ZX***
4-BFB (PID)			*104%*		*75 - 125 %*	*"*			*"*	
BRH0131-04 (SVE-4)		**Air**			**Sampled: 08/11/08 16:12**					
Gasoline Range Hydrocarbons	NWTPH Modified	**127**	-----	10.0	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 11:16	
Gasoline Range Hydrocarbons (v/v)	"	**29.9**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.131**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.161**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.274**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.891**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.424**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.614**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**1.21**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**3.93**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*96.3%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*107%*		*75 - 125 %*	*"*			*"*	
BRH0131-05 (SVE-5)		**Air**			**Sampled: 08/11/08 16:15**					
Gasoline Range Hydrocarbons	NWTPH Modified	**10600**	-----	250	mg/m³ Air	25x	8H13030	08/13/08 12:35	08/14/08 11:46	
Gasoline Range Hydrocarbons (v/v)	"	**2490**	-----	59.0	ppmv	"	"	"	"	
Benzene (v/v)	"	**13.9**	-----	0.770	"	"	"	"	"	
Toluene (v/v)	"	**12.5**	-----	0.652	"	"	"	"	"	
Ethylbenzene (v/v)	"	**11.1**	-----	0.568	"	"	"	"	"	
Xylenes, total (v/v)	"	**23.7**	-----	1.14	"	"	"	"	"	
Benzene	"	**45.2**	-----	2.50	mg/m³ Air	"	"	"	"	
Toluene	"	**47.9**	-----	2.50	"	"	"	"	"	
Ethylbenzene	"	**48.9**	-----	2.50	"	"	"	"	"	
Xylenes (total)	"	**104**	-----	5.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*101%*		*70 - 150 %*	*1x*			*"*	
4-BFB (PID)			*98.2%*		*75 - 125 %*	*"*			*"*	

TestAmerica Seattle

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PH: (425) 420.9200 FAX: (425) 420.9210

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	08/19/08 12:12

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
BRH0131-06 (SVE-6)		**Air**			**Sampled: 08/11/08 16:18**					
Gasoline Range Hydrocarbons	NWTPH Modified	**159**	-----	10.0	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 13:46	
Gasoline Range Hydrocarbons (v/v)	"	**37.6**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.252**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.200**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.237**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.635**	-----	0.0454	"	"	"	"	"	**B3, A-01a**
Benzene	"	**0.818**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.766**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**1.05**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**2.80**	-----	0.200	"	"	"	"	"	**B3, A-01a**
Surrogate(s): 4-BFB (FID)			*94.7%*		*70 - 150 %*	"			"	
4-BFB (PID)			*110%*		*75 - 125 %*	"			"	
BRH0131-07 (SVE-7)		**Air**			**Sampled: 08/11/08 16:20**					
Gasoline Range Hydrocarbons	NWTPH Modified	**26.2**	-----	10.0	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 14:16	
Gasoline Range Hydrocarbons (v/v)	"	**6.18**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0548**	-----	0.0227	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.242**	-----	0.100	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*82.3%*		*70 - 150 %*	"			"	
4-BFB (PID)			*114%*		*75 - 125 %*	"			"	
BRH0131-07RE1 (SVE-7)		**Air**			**Sampled: 08/11/08 16:20**					**H**
Xylenes, total (v/v)	NWTPH Modified	**0.176**	-----	0.0454	ppmv	1x	8H14035	08/14/08 13:41	08/15/08 22:46	
Xylenes (total)	"	**0.777**	-----	0.200	mg/m³ Air	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*110%*		*75 - 125 %*	"			"	

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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	08/19/08 12:12

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
BRH0131-08 (SVE-8)		**Air**			**Sampled: 08/11/08 16:22**					
Gasoline Range Hydrocarbons	NWTPH Modified	**147**	-----	10.0	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 14:47	
Gasoline Range Hydrocarbons (v/v)	"	**34.6**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.319**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.188**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0536**	-----	0.0227	"	"	"	"	"	
Benzene	"	**1.04**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.719**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.236**	-----	0.100	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*85.3%*		*70 - 150 %*	"			"	
4-BFB (PID)			*106%*		*75 - 125 %*	"			"	
BRH0131-08RE1 (SVE-8)		**Air**			**Sampled: 08/11/08 16:22**					**H**
Xylenes, total (v/v)	NWTPH Modified	**0.111**	-----	0.0454	ppmv	1x	8H14035	08/14/08 13:41	08/15/08 23:16	
Xylenes (total)	"	**0.489**	-----	0.200	mg/m³ Air	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*105%*		*75 - 125 %*	"			"	
BRH0131-09 (SVE-9)		**Air**			**Sampled: 08/11/08 16:25**					
Gasoline Range Hydrocarbons	NWTPH Modified	**42.4**	-----	10.0	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 15:17	
Gasoline Range Hydrocarbons (v/v)	"	**9.98**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0602**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0318**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.195**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.122**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.200	"	"	"	"	"	**B3, A-01**
Surrogate(s): 4-BFB (FID)			*80.7%*		*70 - 150 %*	"			"	
4-BFB (PID)			*108%*		*75 - 125 %*	"			"	

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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	08/19/08 12:12

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
BRH0131-10 (SVE-10)		**Air**			**Sampled: 08/11/08 16:27**					
Gasoline Range Hydrocarbons	NWTPH Modified	**475**	-----	10.0	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 15:47	
Gasoline Range Hydrocarbons (v/v)	"	**112**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.949**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.586**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.123**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.131**	-----	0.0454	"	"	"	"	"	
Benzene	"	**3.08**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**2.24**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.542**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.580**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*97.0%*		*70 - 150 %*	"			"	
4-BFB (PID)			*99.7%*		*75 - 125 %*	"			"	
BRH0131-11 (SVE-11)		**Air**			**Sampled: 08/11/08 16:30**					
Gasoline Range Hydrocarbons	NWTPH Modified	**37.6**	-----	10.0	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 16:17	
Gasoline Range Hydrocarbons (v/v)	"	**8.86**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0494**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	ND	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.160**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	ND	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*84.0%*		*70 - 150 %*	"			"	
4-BFB (PID)			*110%*		*75 - 125 %*	"			"	
BRH0131-12 (SVE-12)		**Air**			**Sampled: 08/11/08 16:35**					**H**
Gasoline Range Hydrocarbons	NWTPH Modified	**28.9**	-----	10.0	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 16:47	
Gasoline Range Hydrocarbons (v/v)	"	**6.80**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.121**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0270**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0764**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.394**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.103**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	

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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	08/19/08 12:12

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
BRH0131-12 (SVE-12)	**Air**				**Sampled: 08/11/08 16:35**					**H**
Xylenes (total)	NWTPH Modified	**0.337**	-----	0.200	mg/m³ Air	1x	8H13030	08/13/08 12:35	08/14/08 16:47	
Surrogate(s): 4-BFB (FID)			*85.6%*		*70 - 150 %*	"			"	
4-BFB (PID)			*111%*		*75 - 125 %*	"			"	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/19/08 12:12

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

TestAmerica Seattle

QC Batch: 8H13030 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H13030-BLK1)							**Extracted: 08/13/08 12:35**							
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	--	--	--	--	--	--	08/14/08 08:16	
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)		*Recovery: 85.9%*			*Limits: 70-150%*	"							*08/14/08 08:16*	
4-BFB (PID)		*107%*			*75-125%*	"							*"*	
LCS (8H13030-BS1)							**Extracted: 08/13/08 12:35**							
Gasoline Range Hydrocarbons	NWTPH Modified	118	---	10.0	mg/m³ Air	1x	--	100	118%	(50-150)	--	--	08/14/08 20:47	
Surrogate(s): 4-BFB (FID)		*Recovery: 92.8%*			*Limits: 70-150%*	"							*08/14/08 20:47*	
LCS (8H13030-BS2)							**Extracted: 08/13/08 12:35**							
Benzene	NWTPH Modified	3.52	---	0.100	mg/m³ Air	1x	--	4.00	88.1%	(50-150)	--	--	08/14/08 21:48	
Toluene	"	3.54	---	0.100	"	"	--	"	88.6%	"	--	--	"	
Ethylbenzene	"	3.49	---	0.100	"	"	--	"	87.3%	"	--	--	"	
Xylenes (total)	"	10.4	---	0.200	"	"	--	12.0	86.7%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 115%*			*Limits: 75-125%*	"							*08/14/08 21:48*	
LCS Dup (8H13030-BSD1)							**Extracted: 08/13/08 12:35**							
Gasoline Range Hydrocarbons	NWTPH Modified	120	---	10.0	mg/m³ Air	1x	--	100	120%	(50-150)	2.23%	(50)	08/14/08 21:18	
Surrogate(s): 4-BFB (FID)		*Recovery: 94.1%*			*Limits: 70-150%*	"							*08/14/08 21:18*	
LCS Dup (8H13030-BSD2)							**Extracted: 08/13/08 12:35**							
Benzene	NWTPH Modified	2.70	---	0.100	mg/m³ Air	1x	--	2.00	135%	(50-150)	26.6%	(50)	08/14/08 22:18	
Toluene	"	2.74	---	0.100	"	"	--	"	137%	"	25.5%	"	"	
Ethylbenzene	"	2.70	---	0.100	"	"	--	"	135%	"	25.5%	"	"	
Xylenes (total)	"	8.06	---	0.200	"	"	--	6.00	134%	"	25.4%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 113%*			*Limits: 75-125%*	"							*08/14/08 22:18*	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/19/08 12:12

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

TestAmerica Seattle

QC Batch: 8H13030 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8H13030-DUP1)				**QC Source: BRH0145-01**					**Extracted: 08/13/08 12:35**					
Gasoline Range Hydrocarbons	NWTPH Modified	164	---	10.0	mg/m³ Air	1x	179	--	--	--	9.17%	(30)	08/14/08 17:47	
Gasoline Range Hydrocarbons (v/v)	"	38.6	---	2.36	ppmv	"	42.3	--	--	--	9.17%	"	"	
Benzene (v/v)	"	0.0577	---	0.0308	"	"	0.0637	--	--	--	9.95%	"	"	
Toluene (v/v)	"	0.280	---	0.0261	"	"	0.311	--	--	--	10.6%	"	"	
Ethylbenzene (v/v)	"	0.0726	---	0.0227	"	"	0.0741	--	--	--	2.04%	"	"	
Xylenes, total (v/v)	"	0.812	---	0.0454	"	"	0.865	--	--	--	6.34%	"	"	
Benzene	"	0.187	---	0.100	mg/m³ Air	"	0.207	--	--	--	9.95%	"	"	
Toluene	"	1.07	---	0.100	"	"	1.19	--	--	--	10.6%	"	"	
Ethylbenzene	"	0.320	---	0.100	"	"	0.327	--	--	--	2.04%	"	"	
Xylenes (total)	"	3.58	---	0.200	"	"	3.82	--	--	--	6.34%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 140%*		*Limits: 70-150%*		"							*08/14/08 17:47*	
4-BFB (PID)		*128%*		*75-125%*		"							*"*	***ZX***
Duplicate (8H13030-DUP2)				**QC Source: BRH0145-02**					**Extracted: 08/13/08 12:35**					
Gasoline Range Hydrocarbons	NWTPH Modified	14.4	---	10.0	mg/m³ Air	1x	19.2	--	--	--	28.6%	(30)	08/14/08 20:17	
Gasoline Range Hydrocarbons (v/v)	"	3.39	---	2.36	ppmv	"	4.52	--	--	--	28.6%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	0.0415	---	0.0261	"	"	ND	--	--	--		"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	87.1%	"	"	**R4**
Xylenes, total (v/v)	"	0.129	---	0.0454	"	"	0.0797	--	--	--	46.9%	"	"	**R3**
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	0.159	---	0.100	"	"	ND	--	--	--		"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	87.1%	"	"	**R4**
Xylenes (total)	"	0.567	---	0.200	"	"	0.351	--	--	--	46.9%	"	"	**R3**
Surrogate(s): 4-BFB (FID)		*Recovery: 88.7%*		*Limits: 70-150%*		"							*08/14/08 20:17*	
4-BFB (PID)		*110%*		*75-125%*		"							*"*	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/19/08 12:12

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

TestAmerica Seattle

QC Batch: 8H14035 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H14035-BLK1)									**Extracted: 08/14/08 13:41**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	--	--	--	--	--	--	08/15/08 14:25	
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)		*Recovery: 84.6%*			*Limits: 70-150%*	"							*08/15/08 14:25*	
4-BFB (PID)		*108%*			*75-125%*	"							*"*	
LCS (8H14035-BS1)									**Extracted: 08/14/08 13:41**					
Gasoline Range Hydrocarbons	NWTPH Modified	113	---	10.0	mg/m³ Air	1x	--	100	113%	(50-150)	--	--	08/15/08 12:24	
Surrogate(s): 4-BFB (FID)		*Recovery: 90.9%*			*Limits: 70-150%*	"							*08/15/08 12:24*	
LCS (8H14035-BS2)									**Extracted: 08/14/08 13:41**					
Benzene	NWTPH Modified	2.64	---	0.100	mg/m³ Air	1x	--	2.00	132%	(50-150)	--	--	08/15/08 13:24	
Toluene	"	2.75	---	0.100	"	"	--	"	137%	"	--	--	"	
Ethylbenzene	"	2.65	---	0.100	"	"	--	"	132%	"	--	--	"	
Xylenes (total)	"	7.96	---	0.200	"	"	--	6.00	133%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 114%*			*Limits: 75-125%*	"							*08/15/08 13:24*	
LCS Dup (8H14035-BSD1)									**Extracted: 08/14/08 13:41**					
Gasoline Range Hydrocarbons	NWTPH Modified	113	---	10.0	mg/m³ Air	1x	--	100	113%	(50-150)	0.298%	(50)	08/15/08 12:54	
Surrogate(s): 4-BFB (FID)		*Recovery: 91.9%*			*Limits: 70-150%*	"							*08/15/08 12:54*	
LCS Dup (8H14035-BSD2)									**Extracted: 08/14/08 13:41**					
Benzene	NWTPH Modified	2.68	---	0.100	mg/m³ Air	1x	--	2.00	134%	(50-150)	1.40%	(50)	08/15/08 13:54	
Toluene	"	2.72	---	0.100	"	"	--	"	136%	"	0.833%	"	"	
Ethylbenzene	"	2.68	---	0.100	"	"	--	"	134%	"	1.27%	"	"	
Xylenes (total)	"	8.03	---	0.200	"	"	--	6.00	134%	"	0.853%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 114%*			*Limits: 75-125%*	"							*08/15/08 13:54*	

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TestAmerica Seattle

QC Batch: 8H14035 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8H14035-DUP1)				**QC Source: BRH0158-01**					**Extracted: 08/14/08 13:41**					
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND	---	2.36	ppmv	1x	ND	--	--	--	25.8%	(30)	08/15/08 15:36	
Gasoline Range Hydrocarbons	"	ND	---	10.0	mg/m³ Air	"	ND	--	--	--	25.8%	"	"	
Benzene (v/v)	"	ND	---	0.0308	ppmv	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	39.6%	"	"	**R4**
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	10.6%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	39.6%	"	"	**R4**
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	10.6%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 84.8%*			*Limits: 70-150%*	"							*08/15/08 15:36*	
4-BFB (PID)		*110%*			*75-125%*	"							"	
Duplicate (8H14035-DUP2)				**QC Source: BRH0158-02**					**Extracted: 08/14/08 13:41**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	ND	--	--	--	2.24%	(30)	08/15/08 16:37	
Gasoline Range Hydrocarbons (v/v)	"	ND	---	2.36	ppmv	"	ND	--	--	--	2.24%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	12.2%	"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	7.41%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	12.2%	"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	7.41%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 83.1%*			*Limits: 70-150%*	"							*08/15/08 16:37*	
4-BFB (PID)		*114%*			*75-125%*	"							"	

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Notes and Definitions

Report Specific Notes:

A-01	-	Analyte not detected.
A-01a	-	Analyte recovery greater than 10x the result found in the calibration blank.
B3	-	Target analyte detected in calibration blank at or above the method reporting limit.
H	-	Sample analysis performed past method-specified holding time.
R3	-	The RPD exceeded the acceptance limit due to sample matrix effects.
R4	-	Due to the low levels of analyte in the sample, the duplicate RPD calculation does not provide useful information.
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 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 *Electronic Reporting and Electronic Signatures Policy.* 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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CHAIN OF CUSTODY REPORT

Work Order #: DRH0131

CLIENT: Kipp Ecker / CT

INVOICE TO: SAME

REPORT TO: Jen Yotz

ADDRESS: 12034 134th Ct NE, Suite 102, Redmond WA 98052

PHONE: 425 372 1584 FAX: 372 1650

P.O. NUMBER:

PROJECT NAME: 5353 Westlake

PROJECT NUMBER: 01CP.01396.41

SAMPLED BY: ~~DK~~ DB

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: ~~10~~ STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES: TPHG | BTEX

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	~~DK~~ SVE-1	8/11/08 - 16:03	AIR	1	5353	WA 01
2	SVE-2	8/11/08 - 16:07				02
3	SVE-3	8/11/08 - 16:10				03
4	SVE-4	8/11/08 - 16:12				04
5	SVE-5	8/11/08 - 16:15				05
6	SVE-6	8/11/08 - 16:18				06
7	SVE-7	8/11/08 - 16:20				07
8	SVE-8	8/11/08 - 16:22				08
9	SVE-9	8/11/08 - 16:25				09
10	SVE-10	~~8/11/08 - 16:27~~	AIR	1	5353	WA 10

RELEASED BY: Danny Benavente DATE: 8-12-08

PRINT NAME: Danny Benavente FIRM: STANTEC TIME: 0820 am

RECEIVED BY: Cathy Gamble DATE: 8/12/08

PRINT NAME: Cathy Gamble FIRM: TA-Sea TIME: 9:20

RELEASED BY: DATE:

PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:

PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP: 21.5 w/o

PAGE OF

TAL-1000(0108)

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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 924-9290
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

CHAIN OF CUSTODY REPORT

Work Order #: BRH0131

CLIENT: KIP ECKERT / CP

REPORT TO: JEN YOTZ

ADDRESS: 12034 134TH CT NE, SUITE 102 REDMOND WA. 98052

PHONE: 425.372-1584 FAX: 372 1650

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP.01396.41

SAMPLED BY: D. BENAVENTE

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: ~~10~~ STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPHG	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SVE-11	8/11/08 - 16:30		✓	✓	AIR	1	5353	WA 11
2	SVE-12	8/11/08 - 16:35		✓	✓	AIR	1	5353	WA 12
3									
4									
5									
6									
7									
8									
9									
10									

RELEASED BY: DANNY BENAVENTE — FIRM: STANTEC — DATE: 8-12-08 — TIME: 0920 — RECEIVED BY: Cathy Gamble — FIRM: TA Sea — DATE: 8/12/08 — TIME: 9:20

PRINT NAME: Danny Benavente — PRINT NAME: Cathy Gamble

RELEASED BY: — FIRM: — DATE: — TIME: — RECEIVED BY: — FIRM: — DATE: — TIME:

PRINT NAME: — PRINT NAME:

ADDITIONAL REMARKS:

TEMP:

PAGE OF

TAL-1000(0108)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle Y or (N)

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)
Date: 4/12
Time: 9:20
Initials: CL

Logged-in By:
Date: 4/12
Time: 9:23
Initials: CL

Unpacked/Labeled By:
Date: 4/12
Time: 9:35
Initials: CL

Cooler ID: 1

Work Order No. BRH0131
Client: _____
Project: _____

Container Type:
____ Cooler
____ Box
✓ None/Other _____

COC Seals:
____ Ship Container
____ On Bottles
✓ None

_____Sign By
_____ Date

Packing Material _____:
____ Bubble Bags ____ Styrofoam
____ Foam Packs
✓ None/Other _____

Refrigerant:
____ Gel Ice Pack _____
____ Loose Ice _____
✓ None/Other _____

Received Via: Bill#
____ Fed Ex ✓ Client
____ UPS ____ TA Courier
____ DHL ____ Mid Valley
____ Senvoy ____ TDP
____ GS ____ Other_____

Cooler Temperature (*IR*): 21.5 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? _____°C or NA

Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	(Y) or N	_____	Metals Preserved?	Y or N or NA	_____
Provided by TA?	(Y) or N	_____	Client QAPP Preserved?	Y or N or NA	_____
Correct Type?	(Y) or N	_____	Adequate Volume? (for tests requested)	(Y) or N	_____
#Containers match COC?	(Y) or N	_____	Water VOAs: Headspace?	Y or N or NA	_____
IDs/time/date match COC?	(Y) or N	_____	Comments:_____		
Hold Times in hold?	(Y) or N	_____	_____		

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

August 19, 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 08/11/08 18:15. The following list is a summary of the Work Orders contained in this report, generated on 08/19/08 12:17.

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

Work Order	Project	ProjectNumber
BRH0125	5353 Westlake EFR	O1CP.01396.42

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	08/19/08 12:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
INF	BRH0125-01	Air	08/11/08 13:30	08/11/08 18:15
MID	BRH0125-02	Air	08/11/08 13:35	08/11/08 18:15
EFF	BRH0125-03	Air	08/11/08 13:40	08/11/08 18:15

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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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	08/19/08 12:17

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
BRH0125-01 (INF)		**Air**			**Sampled: 08/11/08 13:30**					
Gasoline Range Hydrocarbons	NWTPH Modified	**14.7**	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/12/08 23:42	
Gasoline Range Hydrocarbons (v/v)	"	**3.47**	-----	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)	"	**0.0497**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.219**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*84.8%*		*70 - 150 %*	"			"	
4-BFB (PID)			*110%*		*75 - 125 %*	"			"	
BRH0125-02 (MID)		**Air**			**Sampled: 08/11/08 13:35**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/13/08 00:12	
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)			*82.8%*		*70 - 150 %*	"			"	
4-BFB (PID)			*113%*		*75 - 125 %*	"			"	
BRH0125-03 (EFF)		**Air**			**Sampled: 08/11/08 13:40**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/13/08 00:42	
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

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	08/19/08 12:17

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
BRH0125-03	**(EFF)**		**Air**			**Sampled: 08/11/08 13:40**					
Surrogate(s):	*4-BFB (FID)*		*82.6%*			*70 - 150 %*	*1x*			*08/13/08 00:42*	
	4-BFB (PID)		*111%*			*75 - 125 %*	*"*			*"*	

TestAmerica Seattle

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/19/08 12:17

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

TestAmerica Seattle

QC Batch: 8H12040 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H12040-BLK1)							**Extracted: 08/12/08 13:20**							
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	--	--	--	--	--	--	08/12/08 15:04	
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)		*Recovery: 88.0%*			*Limits: 70-150%*	"							*08/12/08 15:04*	
4-BFB (PID)		*107%*			*75-125%*	"							*"*	
LCS (8H12040-BS1)							**Extracted: 08/12/08 13:20**							
Gasoline Range Hydrocarbons	NWTPH Modified	119	---	10.0	mg/m³ Air	1x	--	100	119%	(50-150)	--	--	08/12/08 16:08	
Surrogate(s): 4-BFB (FID)		*Recovery: 87.7%*			*Limits: 70-150%*	"							*08/12/08 16:08*	
LCS (8H12040-BS2)							**Extracted: 08/12/08 13:20**							
Benzene	NWTPH Modified	1.93	---	0.100	mg/m³ Air	1x	--	2.00	96.6%	(50-150)	--	--	08/12/08 17:08	
Toluene	"	2.08	---	0.100	"	"	--	"	104%	"	--	--	"	
Ethylbenzene	"	2.05	---	0.100	"	"	--	"	103%	"	--	--	"	
Xylenes (total)	"	6.25	---	0.200	"	"	--	6.00	104%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 113%*			*Limits: 75-125%*	"							*08/12/08 17:08*	
LCS Dup (8H12040-BSD1)							**Extracted: 08/12/08 13:20**							
Gasoline Range Hydrocarbons	NWTPH Modified	110	---	10.0	mg/m³ Air	1x	--	100	110%	(50-150)	7.70%	(50)	08/12/08 16:38	
Surrogate(s): 4-BFB (FID)		*Recovery: 92.0%*			*Limits: 70-150%*	"							*08/12/08 16:38*	
LCS Dup (8H12040-BSD2)							**Extracted: 08/12/08 13:20**							
Benzene	NWTPH Modified	1.86	---	0.100	mg/m³ Air	1x	--	2.00	93.2%	(50-150)	3.60%	(50)	08/12/08 17:38	
Toluene	"	1.93	---	0.100	"	"	--	"	96.6%	"	7.43%	"	"	
Ethylbenzene	"	1.97	---	0.100	"	"	--	"	98.4%	"	4.16%	"	"	
Xylenes (total)	"	5.93	---	0.200	"	"	--	6.00	98.8%	"	5.36%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 112%*			*Limits: 75-125%*	"							*08/12/08 17:38*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	08/19/08 12:17

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

TestAmerica Seattle

QC Batch: 8H12040 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8H12040-DUP1)				**QC Source: BRH0124-01**					**Extracted: 08/12/08 13:20**					
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	4.12	---	2.36	ppmv	1x	4.48	--	--	--	8.38%	(30)	08/12/08 18:42	
Gasoline Range Hydrocarbons	"	17.5	---	10.0	mg/m³ Air	"	19.0	--	--	--	8.38%	"	"	
Benzene (v/v)	"	ND	---	0.0308	ppmv	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	0.0319	--	--	--	67.4%	"	"	R4
Ethylbenzene (v/v)	"	0.0282	---	0.0227	"	"	0.0354	--	--	--	22.5%	"	"	
Xylenes, total (v/v)	"	0.0975	---	0.0454	"	"	0.119	--	--	--	19.7%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	0.122	--	--	--	67.4%	"	"	R4
Ethylbenzene	"	0.124	---	0.100	"	"	0.156	--	--	--	22.5%	"	"	
Xylenes (total)	"	0.430	---	0.200	"	"	0.524	--	--	--	19.7%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.2%*			*Limits: 70-150%*	"							*08/12/08 18:42*	
4-BFB (PID)		*109%*			*75-125%*	"							"	
Duplicate (8H12040-DUP2)				**QC Source: BRH0124-02**					**Extracted: 08/12/08 13:20**					
Gasoline Range Hydrocarbons	NWTPH Modified	10.4	---	10.0	mg/m³ Air	1x	10.7	--	--	--	2.61%	(30)	08/12/08 19:42	
Gasoline Range Hydrocarbons (v/v)	"	2.45	---	2.36	ppmv	"	2.51	--	--	--	2.61%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	0.257%	"	"	
Xylenes, total (v/v)	"	0.0683	---	0.0454	"	"	0.0654	--	--	--	4.34%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	0.257%	"	"	
Xylenes (total)	"	0.301	---	0.200	"	"	0.288	--	--	--	4.34%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 84.2%*			*Limits: 70-150%*	"							*08/12/08 19:42*	
4-BFB (PID)		*110%*			*75-125%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

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.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/19/08 12:17

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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 Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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 924-9290
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

O&M

CHAIN OF CUSTODY REPORT

Work Order #: BRH0125

CLIENT: KIP ECKERT / CP

INVOICE TO:

REPORT TO: JON YOTZ
ADDRESS: 12034 134TH CT NE, STE 102 REDMOND, WA 98052
PHONE: 425. 372 1600 FAX: 425. 372. 1650

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE

PROJECT NUMBER: 01CP.01396.42

SAMPLED BY: DB

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-GX	BTEX											MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	INF	08-11-08 @ 1330	X	X										-01	A	1	5353	WA
2	MID	08-11-08 @ 1335	X	X										-02	A	1	5353	WA
3	EFF	08-11-08 @ 1340	X	X										-03	A	1	5353	WA
4																		
5																		
6																		
7																		
8																		
9																		
10																		

RELEASED BY: [signature] CMANNING
PRINT NAME: FIRM: STANTEC DATE: TIME: 1510

RECEIVED BY: [signature]
PRINT NAME: Francisco Lung, Jr FIRM: TA-SEA DATE: 8/11/08 TIME: 1510

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

@Lab 1815 w/o

TEMP: -C 23.6

PAGE OF

TAL-1000(0108)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)
Date: 8/11/08
Time: 1815
Initials: EL

Logged-in By:
Date: 08.11
Time: 1853
Initials: CW

Unpacked/Labeled By:
Date: 8-11-08
Time: 19:01
Initials: DSK

Cooler ID: 355

Work Order No. BRH0125
Client: _____
Project: _____

Container Type:
____ Cooler
____ Box
X None/Other _____

COC Seals:
____ Ship Container ____ Sign By
____ On Bottles ____ Date
X None

Packing Material:
____ Bubble Bags ____ Styrofoam
____ Foam Packs
X None/Other _____

Refrigerant:
____ Gel Ice Pack _____
____ Loose Ice _____
X None/Other _____

Received Via: Bill#
____ Fed Ex ____ Client
____ UPS X TA Courier
____ DHL ____ Mid Valley
____ Senvoy ____ TDP
____ GS ____ Other_____

Cooler Temperature (*IR*): 23.6 °C Plastic Glass (circle one) (Frozen filters, Tedlars and aqueous Metals exempt)

Temperature Blank? _____°C or NA

Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	Y or N		Metals Preserved?	Y or N or NA	
Provided by TA?	Y or N		Client QAPP Preserved?	Y or N or NA	
Correct Type?	Y or N		Adequate Volume? (for tests requested)	Y or N	
#Containers match COC?	Y or N		Water VOAs: Headspace?	Y or N or NA	
IDs/time/date match COC?	Y or N		Comments:		
Hold Times in hold?	Y or N				

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ____/____ (Date Time)

PM Initials: _____ Date: _____ Time: _____

(rev 4. 01/24/07)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

August 19, 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 08/11/08 18:15. The following list is a summary of the Work Orders contained in this report, generated on 08/19/08 12:21.

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

Work Order	Project	ProjectNumber
BRH0126	5353 Westlake EFR	O1CP.01396.41/255353

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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PH: (425) 420.9200 FAX: (425) 420.9210

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	08/19/08 12:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFR-1 (PM AIR)	BRH0126-01	Air	08/11/08 14:20	08/11/08 18:15
EFR-2 (PM AIR)	BRH0126-02	Air	08/11/08 14:22	08/11/08 18:15
EFR-3 (PM AIR)	BRH0126-03	Air	08/11/08 14:25	08/11/08 18:15
MW88 (PM AIR)	BRH0126-04	Air	08/11/08 14:27	08/11/08 18:15
MW48 (PM AIR)	BRH0126-05	Air	08/11/08 14:29	08/11/08 18:15
MW65 (PM AIR)	BRH0126-06	Air	08/11/08 14:30	08/11/08 18:15

TestAmerica Seattle

Sandra Yakamavich

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	08/19/08 12:21

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
BRH0126-01 (EFR-1 (PM AIR))		**Air**			**Sampled: 08/11/08 14:20**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/13/08 01:12	
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)		*85.6%*			*70 - 150 %*	"			"	
4-BFB (PID)		*110%*			*75 - 125 %*	"			"	
BRH0126-02 (EFR-2 (PM AIR))		**Air**			**Sampled: 08/11/08 14:22**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/13/08 01:42	
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)	"	**0.0463**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.204**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)		*77.4%*			*70 - 150 %*	"			"	
4-BFB (PID)		*110%*			*75 - 125 %*	"			"	
BRH0126-03 (EFR-3 (PM AIR))		**Air**			**Sampled: 08/11/08 14:25**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/13/08 02:13	
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)	"	**0.0480**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.212**	-----	0.200	"	"	"	"	"	

TestAmerica Seattle

Sandra Yakamavich, Project Manager

TestAmerica
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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

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	08/19/08 12:21

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
BRH0126-03 (EFR-3 (PM AIR))		**Air**			**Sampled: 08/11/08 14:25**					
Surrogate(s): 4-BFB (FID)			*79.1%*		*70 - 150 %*	*1x*			*08/13/08 02:13*	
4-BFB (PID)			*112%*		*75 - 125 %*	*"*			*"*	
BRH0126-04 (MW88 (PM AIR))		**Air**			**Sampled: 08/11/08 14:27**					
Gasoline Range Hydrocarbons	NWTPH Modified	**17.4**	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/13/08 02:42	
Gasoline Range Hydrocarbons (v/v)	"	**4.09**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0400**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0772**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.176**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.341**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*83.8%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*111%*		*75 - 125 %*	*"*			*"*	
BRH0126-05 (MW48 (PM AIR))		**Air**			**Sampled: 08/11/08 14:29**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/13/08 13:05	
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)			*81.1%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*111%*		*75 - 125 %*	*"*			*"*	

TestAmerica Seattle

Sandra Yakamavich

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BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

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	08/19/08 12:21

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
BRH0126-06 (MW65 (PM AIR))		**Air**			**Sampled: 08/11/08 14:30**					
Gasoline Range Hydrocarbons	NWTPH Modified	**230**	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/13/08 13:35	
Gasoline Range Hydrocarbons (v/v)	"	**54.2**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.403**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.290**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0892**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0960**	-----	0.0454	"	"	"	"	"	
Benzene	"	**1.31**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**1.11**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.393**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.423**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*106%*		*70 - 150 %*	"			"	
4-BFB (PID)			*111%*		*75 - 125 %*	"			"	

TestAmerica Seattle

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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	08/19/08 12:21

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

TestAmerica Seattle

QC Batch: 8H12040 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H12040-BLK1)							**Extracted: 08/12/08 13:20**							
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	--	--	--	--	--	--	08/12/08 15:04	
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)		*Recovery: 88.0%*			*Limits: 70-150%*	"							*08/12/08 15:04*	
4-BFB (PID)		*107%*			*75-125%*	"							*"*	
LCS (8H12040-BS1)							**Extracted: 08/12/08 13:20**							
Gasoline Range Hydrocarbons	NWTPH Modified	119	---	10.0	mg/m³ Air	1x	--	100	119%	(50-150)	--	--	08/12/08 16:08	
Surrogate(s): 4-BFB (FID)		*Recovery: 87.7%*			*Limits: 70-150%*	"							*08/12/08 16:08*	
LCS (8H12040-BS2)							**Extracted: 08/12/08 13:20**							
Benzene	NWTPH Modified	1.93	---	0.100	mg/m³ Air	1x	--	2.00	96.6%	(50-150)	--	--	08/12/08 17:08	
Toluene	"	2.08	---	0.100	"	"	--	"	104%	"	--	--	"	
Ethylbenzene	"	2.05	---	0.100	"	"	--	"	103%	"	--	--	"	
Xylenes (total)	"	6.25	---	0.200	"	"	--	6.00	104%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 113%*			*Limits: 75-125%*	"							*08/12/08 17:08*	
LCS Dup (8H12040-BSD1)							**Extracted: 08/12/08 13:20**							
Gasoline Range Hydrocarbons	NWTPH Modified	110	---	10.0	mg/m³ Air	1x	--	100	110%	(50-150)	7.70%	(50)	08/12/08 16:38	
Surrogate(s): 4-BFB (FID)		*Recovery: 92.0%*			*Limits: 70-150%*	"							*08/12/08 16:38*	
LCS Dup (8H12040-BSD2)							**Extracted: 08/12/08 13:20**							
Benzene	NWTPH Modified	1.86	---	0.100	mg/m³ Air	1x	--	2.00	93.2%	(50-150)	3.60%	(50)	08/12/08 17:38	
Toluene	"	1.93	---	0.100	"	"	--	"	96.6%	"	7.43%	"	"	
Ethylbenzene	"	1.97	---	0.100	"	"	--	"	98.4%	"	4.16%	"	"	
Xylenes (total)	"	5.93	---	0.200	"	"	--	6.00	98.8%	"	5.36%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 112%*			*Limits: 75-125%*	"							*08/12/08 17:38*	

TestAmerica Seattle

Sandra Yakamavich

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	08/19/08 12:21

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

TestAmerica Seattle

QC Batch: 8H12040 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8H12040-DUP1)				**QC Source: BRH0124-01**					**Extracted: 08/12/08 13:20**					
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	4.12	---	2.36	ppmv	1x	4.48	--	--	--	8.38%	(30)	08/12/08 18:42	
Gasoline Range Hydrocarbons	"	17.5	---	10.0	mg/m³ Air	"	19.0	--	--	--	8.38%	"	"	
Benzene (v/v)	"	ND	---	0.0308	ppmv	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	0.0319	--	--	--	67.4%	"	"	R4
Ethylbenzene (v/v)	"	0.0282	---	0.0227	"	"	0.0354	--	--	--	22.5%	"	"	
Xylenes, total (v/v)	"	0.0975	---	0.0454	"	"	0.119	--	--	--	19.7%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	0.122	--	--	--	67.4%	"	"	R4
Ethylbenzene	"	0.124	---	0.100	"	"	0.156	--	--	--	22.5%	"	"	
Xylenes (total)	"	0.430	---	0.200	"	"	0.524	--	--	--	19.7%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.2%*		*Limits: 70-150%*	"								*08/12/08 18:42*	
4-BFB (PID)		*109%*		*75-125%*	"								"	
Duplicate (8H12040-DUP2)				**QC Source: BRH0124-02**					**Extracted: 08/12/08 13:20**					
Gasoline Range Hydrocarbons	NWTPH Modified	10.4	---	10.0	mg/m³ Air	1x	10.7	--	--	--	2.61%	(30)	08/12/08 19:42	
Gasoline Range Hydrocarbons (v/v)	"	2.45	---	2.36	ppmv	"	2.51	--	--	--	2.61%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	0.257%	"	"	
Xylenes, total (v/v)	"	0.0683	---	0.0454	"	"	0.0654	--	--	--	4.34%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	0.257%	"	"	
Xylenes (total)	"	0.301	---	0.200	"	"	0.288	--	--	--	4.34%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 84.2%*		*Limits: 70-150%*	"								*08/12/08 19:42*	
4-BFB (PID)		*110%*		*75-125%*	"								"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
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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	08/19/08 12:21

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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 Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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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

CHAIN OF CUSTODY REPORT

Work Order #: BRH0126

CLIENT: CP

REPORT TO: JAN YOTZ
ADDRESS: 12034 134th Ct NE Suite 102
REDMOND, WA 98052
PHONE: 425 372 1600 FAX: 425-372-1650

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME: 5353

PROJECT NUMBER: 01CP.01396.41

SAMPLED BY: RAWLINS / MANNING

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: ~~10~~ STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPHg	REQUESTED ANALYSES: BTEX										MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	EFR-1 (PM AIR)	8-11-08 @ 1420		X	X									-01	AIR	1	5353	WA
2	EFR-2	@ 1422		X	X									-02				
3	EFR-3	@ 1425		X	X									-03				
4	MW88	@ 1427		X	X									-04				
5	MW46	@ 1429		X	X									-05				
6	MW65 (PM AIR)	8-11-08 @ 1430		X	X									-06	AIR	1	5353	WA
7																		
8																		
9																		
10																		

RELEASED BY:		DATE: 8-11-08	RECEIVED BY:		DATE: 8/11/08
PRINT NAME: RAWLINS	FIRM: STANTEC	TIME: 1510	PRINT NAME: Francisco Lang, Jr	FIRM: TA-SEA	TIME: 1510
RELEASED BY:		DATE:	RECEIVED BY:		DATE:
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME:

ADDITIONAL REMARKS: @Lab 1815 w/o

TEMP: 22.7°C

PAGE OF

TAL-1000(0108)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt) **Logged-in By:** **Unpacked/Labeled By:** ***Cooler ID:*** 381

Date: 8/11/08 Date: 08.11 Date: 8-11-08 Work Order No. BRH0126

Time: 1815 Time: 1856 Time: 19:01 Client: _____

Initials: FL Initials: CW Initials: DSH Project: _____

Container Type:

____ Cooler

____ Box

X None/Other _____

COC Seals:

____ Ship Container _____ Sign By

____ On Bottles _____ Date

X None

Packing Material:

____ Bubble Bags ____ Styrofoam

____ Foam Packs

X None/Other _____

Refrigerant:

____ Gel Ice Pack _____

____ Loose Ice _____

X None/Other _____

Received Via: Bill#

____ Fed Ex ____ Client

____ UPS X TA Courier

____ DHL ____ Mid Valley

____ Senvoy ____ TDP

____ GS ____ Other_____

Cooler Temperature (*IR*): 22.7 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? _____°C or NA Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	Y or N	_____	Metals Preserved?	Y or N or NA	_____
Provided by TA?	Y or N	_____	Client QAPP Preserved?	Y or N or NA	_____
Correct Type?	Y or N	_____	Adequate Volume? (for tests requested)	Y or N	_____
#Containers match COC?	Y or N	_____	Water VOAs: Headspace?	Y or N or NA	_____
IDs/time/date match COC?	Y or N	_____	Comments:		
Hold Times in hold?	Y or N	_____	_____		

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, ____/____ (Date Time)

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

TestAmerica
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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

August 19, 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 08/11/08 18:15. The following list is a summary of the Work Orders contained in this report, generated on 08/19/08 12:15.

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

Work Order	Project	ProjectNumber
BRH0124	5353 Westlake EFR	O1CP.01396.41/255353

TestAmerica Seattle

Sandra Yakamavich

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	08/19/08 12:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFR-1 (AM AIR)	BRH0124-01	Air	08/11/08 08:40	08/11/08 18:15
EFR-2 (AM AIR)	BRH0124-02	Air	08/11/08 08:41	08/11/08 18:15
EFR-3 (AM AIR)	BRH0124-03	Air	08/11/08 08:43	08/11/08 18:15
MW88 (AM AIR)	BRH0124-04	Air	08/11/08 08:45	08/11/08 18:15
MW48 (AM AIR)	BRH0124-05	Air	08/11/08 08:46	08/11/08 18:15
MW65 (AM AIR)	BRH0124-06	Air	08/11/08 08:47	08/11/08 18:15

TestAmerica Seattle

Sandra Yakamavich

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	08/19/08 12:15

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
BRH0124-01 (EFR-1 (AM AIR))		**Air**				**Sampled: 08/11/08 08:40**				
Gasoline Range Hydrocarbons	NWTPH Modified	**19.0**	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/12/08 18:12	
Gasoline Range Hydrocarbons (v/v)	"	**4.48**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0319**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0354**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.119**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.122**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.156**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.524**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*80.8%*		*70 - 150 %*	"			"	
4-BFB (PID)			*108%*		*75 - 125 %*	"			"	
BRH0124-02 (EFR-2 (AM AIR))		**Air**				**Sampled: 08/11/08 08:41**				
Gasoline Range Hydrocarbons	NWTPH Modified	**10.7**	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/12/08 19:12	
Gasoline Range Hydrocarbons (v/v)	"	**2.51**	-----	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)	"	**0.0654**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.288**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*81.5%*		*70 - 150 %*	"			"	
4-BFB (PID)			*109%*		*75 - 125 %*	"			"	
BRH0124-03 (EFR-3 (AM AIR))		**Air**				**Sampled: 08/11/08 08:43**				
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/12/08 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)	"	**0.0565**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.249**	-----	0.200	"	"	"	"	"	

TestAmerica Seattle

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	08/19/08 12:15

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
BRH0124-03 (EFR-3 (AM AIR))		**Air**				**Sampled: 08/11/08 08:43**				
Surrogate(s): 4-BFB (FID)			*80.9%*		*70 - 150 %*	*1x*			*08/12/08 20:12*	
4-BFB (PID)			*111%*		*75 - 125 %*	*"*			*"*	
BRH0124-04 (MW88 (AM AIR))		**Air**				**Sampled: 08/11/08 08:45**				
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/12/08 22:12	
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)			*81.8%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*110%*		*75 - 125 %*	*"*			*"*	
BRH0124-05 (MW48 (AM AIR))		**Air**				**Sampled: 08/11/08 08:46**				
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/12/08 22:42	
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)			*112%*		*75 - 125 %*	*"*			*"*	

TestAmerica Seattle

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/19/08 12:15

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
BRH0124-06 (MW65 (AM AIR))		**Air**			**Sampled: 08/11/08 08:47**					
Gasoline Range Hydrocarbons	NWTPH Modified	**40.5**	-----	10.0	mg/m³ Air	1x	8H12040	08/12/08 13:20	08/12/08 23:12	
Gasoline Range Hydrocarbons (v/v)	"	**9.55**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0540**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0239**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0487**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.175**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.105**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.215**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*89.4%*		*70 - 150 %*	"			"	
4-BFB (PID)			*111%*		*75 - 125 %*	"			"	

TestAmerica Seattle

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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	08/19/08 12:15

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

TestAmerica Seattle

QC Batch: 8H12040 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H12040-BLK1)							**Extracted: 08/12/08 13:20**							
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND	---	2.36	ppmv	1x	--	--	--	--	--	--	08/12/08 15:04	
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)		*Recovery: 88.0%*			*Limits: 70-150%*	"							*08/12/08 15:04*	
4-BFB (PID)		*107%*			*75-125%*	"							*"*	
LCS (8H12040-BS1)							**Extracted: 08/12/08 13:20**							
Gasoline Range Hydrocarbons	NWTPH Modified	119	---	10.0	mg/m³ Air	1x	--	100	119%	(50-150)	--	--	08/12/08 16:08	
Surrogate(s): 4-BFB (FID)		*Recovery: 87.7%*			*Limits: 70-150%*	"							*08/12/08 16:08*	
LCS (8H12040-BS2)							**Extracted: 08/12/08 13:20**							
Benzene	NWTPH Modified	1.93	---	0.100	mg/m³ Air	1x	--	2.00	96.6%	(50-150)	--	--	08/12/08 17:08	
Toluene	"	2.08	---	0.100	"	"	--	"	104%	"	--	--	"	
Ethylbenzene	"	2.05	---	0.100	"	"	--	"	103%	"	--	--	"	
Xylenes (total)	"	6.25	---	0.200	"	"	--	6.00	104%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 113%*			*Limits: 75-125%*	"							*08/12/08 17:08*	
LCS Dup (8H12040-BSD1)							**Extracted: 08/12/08 13:20**							
Gasoline Range Hydrocarbons	NWTPH Modified	110	---	10.0	mg/m³ Air	1x	--	100	110%	(50-150)	7.70%	(50)	08/12/08 16:38	
Surrogate(s): 4-BFB (FID)		*Recovery: 92.0%*			*Limits: 70-150%*	"							*08/12/08 16:38*	
LCS Dup (8H12040-BSD2)							**Extracted: 08/12/08 13:20**							
Benzene	NWTPH Modified	1.86	---	0.100	mg/m³ Air	1x	--	2.00	93.2%	(50-150)	3.60%	(50)	08/12/08 17:38	
Toluene	"	1.93	---	0.100	"	"	--	"	96.6%	"	7.43%	"	"	
Ethylbenzene	"	1.97	---	0.100	"	"	--	"	98.4%	"	4.16%	"	"	
Xylenes (total)	"	5.93	---	0.200	"	"	--	6.00	98.8%	"	5.36%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 112%*			*Limits: 75-125%*	"							*08/12/08 17:38*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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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	08/19/08 12:15

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

TestAmerica Seattle

QC Batch: 8H12040 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8H12040-DUP1)				**QC Source: BRH0124-01**					**Extracted: 08/12/08 13:20**					
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	4.12	---	2.36	ppmv	1x	4.48	--	--	--	8.38%	(30)	08/12/08 18:42	
Gasoline Range Hydrocarbons	"	17.5	---	10.0	mg/m³ Air	"	19.0	--	--	--	8.38%	"	"	
Benzene (v/v)	"	ND	---	0.0308	ppmv	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	0.0319	--	--	--	67.4%	"	"	R4
Ethylbenzene (v/v)	"	0.0282	---	0.0227	"	"	0.0354	--	--	--	22.5%	"	"	
Xylenes, total (v/v)	"	0.0975	---	0.0454	"	"	0.119	--	--	--	19.7%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	0.122	--	--	--	67.4%	"	"	R4
Ethylbenzene	"	0.124	---	0.100	"	"	0.156	--	--	--	22.5%	"	"	
Xylenes (total)	"	0.430	---	0.200	"	"	0.524	--	--	--	19.7%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.2%*			*Limits: 70-150%*	"							*08/12/08 18:42*	
4-BFB (PID)		*109%*			*75-125%*	"							"	
Duplicate (8H12040-DUP2)				**QC Source: BRH0124-02**					**Extracted: 08/12/08 13:20**					
Gasoline Range Hydrocarbons	NWTPH Modified	10.4	---	10.0	mg/m³ Air	1x	10.7	--	--	--	2.61%	(30)	08/12/08 19:42	
Gasoline Range Hydrocarbons (v/v)	"	2.45	---	2.36	ppmv	"	2.51	--	--	--	2.61%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	0.257%	"	"	
Xylenes, total (v/v)	"	0.0683	---	0.0454	"	"	0.0654	--	--	--	4.34%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	0.257%	"	"	
Xylenes (total)	"	0.301	---	0.200	"	"	0.288	--	--	--	4.34%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 84.2%*			*Limits: 70-150%*	"							*08/12/08 19:42*	
4-BFB (PID)		*110%*			*75-125%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

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	08/19/08 12:15

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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 Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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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

CHAIN OF CUSTODY REPORT

Work Order #: BRH0124

CLIENT: CP

INVOICE TO: SAME

REPORT TO: JON YOTZ
ADDRESS: 12034 134th CT NE SUITE 102 REDMOND, WA 98052

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

P.O. NUMBER:

PROJECT NAME: 5353

PROJECT NUMBER: 01CP-01396.41

SAMPLED BY: RAWLINS / MANNING

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: [10] [7] [5] [4] [3] [2] [1] [<1] (10 STD.)

Petroleum Hydrocarbon Analyses: [5] [4] [3] [2] [1] [<1] (5 STD.)

[OTHER] Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPHDX	REQUESTED ANALYSES: VOCs		MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	EFR-1 (AM AIR)	8/11/08 @ 8:40		X	X	-01	AIR	1	5353 WA	WA
2	EFR-2	@ 8:41		X	X	-02				
3	EFR-3	@ 8:43		X	X	-03				
4	MW88	@ 8:45		X	X	-04				
5	MW48	@ 8:46		X	X	-05				
6	MW65 (AM AIR)	8/11/08 @ 8:47		X	X	-06	AIR	1	5353	WA
7										
8										
9										
10										

RELEASED BY: [signature] DATE: 8-11-08
PRINT NAME: RAWLINS FIRM: STANTEC TIME: 1510

RECEIVED BY: [signature] DATE: 8/11/08
PRINT NAME: Francisco Lang, Jr FIRM: TA-SEA TIME: 1510

RELEASED BY: DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS: @Lab 1815 W/O

TEMP: °C 22.3

PAGE OF

TAL-1000(0108)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt) **Logged-in By:** **Unpacked/Labeled By:** ***Cooler ID:*** 390

Date: 9/11/08 Date: 08.11 Date: 8.11.08 Work Order No. BRH0124

Time: 1815 Time: 1848 Time: 18:56 Client: Stantec

Initials: EL Initials: CW Initials: DSV Project: _____

Container Type: COC Seals: Packing Material:

EL X Cooler ____ Ship Container _____Sign By ____ Bubble Bags ____ Styrofoam

____ Box ____ On Bottles _____ Date ____ Foam Packs

X None/Other _____ X None X None/Other _____

Refrigerant: Received Via: Bill#_____

____ Gel Ice Pack _____ ____ Fed Ex ____ Client

____ Loose Ice _____ ____ UPS X TA Courier

X None/Other _____ ____ DHL ____ Mid Valley

____ Senvoy ____ TDP

____ GS ____ Other_____

Cooler Temperature (*IR*): 22.3 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)

(circle one)

Temperature Blank? _____°C or NA Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:

(initial/date/time):_____

Comments:_____

Sample Containers:		ID			ID
Intact?	Y or N	_____	Metals Preserved?	Y or N or NA	_____
Provided by TA?	Y or N	_____	Client QAPP Preserved?	Y or N or NA	_____
Correct Type?	Y or N	_____	Adequate Volume? (for tests requested)	Y or N	_____
#Containers match COC?	Y or N	_____	Water VOAs: Headspace?	Y or N or NA	_____
IDs/time/date match COC?	Y or N	_____	Comments:_____		
Hold Times in hold?	Y or N	_____	_____		

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

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August 18, 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 08/11/08 18:15. The following list is a summary of the Work Orders contained in this report, generated on 08/18/08 09:44.

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

Work Order	Project	ProjectNumber
BRH0128	5353 Westlake EFR	O1CP.01396.41/255353

TestAmerica Seattle

Sandra Yakamavich

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	08/18/08 09:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFR1 (PM H2O)	BRH0128-01	Water	08/11/08 14:44	08/11/08 18:15
EFR2 (PM H2O)	BRH0128-02	Water	08/11/08 14:47	08/11/08 18:15
EFR3 (PM H2O)	BRH0128-03	Water	08/11/08 14:52	08/11/08 18:15
MW88 (PM H2O)	BRH0128-04	Water	08/11/08 15:00	08/11/08 18:15
MW48 (PM H2O)	BRH0128-05	Water	08/11/08 15:02	08/11/08 18:15
MW65 (PM H2O)	BRH0128-06	Water	08/11/08 15:05	08/11/08 18:15

TestAmerica Seattle

Sandra Yakamavich

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	08/18/08 09:44

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
BRH0128-01 (EFR1 (PM H2O))		**Water**			**Sampled: 08/11/08 14:44**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**1010**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/12/08 18:02	
Benzene	"	**1.92**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**37.1**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**88.4**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*110%*		*58 - 144 %*	"			"	
4-BFB (PID)			*107%*		*68 - 140 %*	"			"	
BRH0128-02 (EFR2 (PM H2O))		**Water**			**Sampled: 08/11/08 14:47**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**933**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/12/08 19:03	
Benzene	"	**1.96**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**35.6**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**81.5**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*110%*		*58 - 144 %*	"			"	
4-BFB (PID)			*106%*		*68 - 140 %*	"			"	
BRH0128-03 (EFR3 (PM H2O))		**Water**			**Sampled: 08/11/08 14:52**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**359**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/12/08 20:04	
Benzene	"	**0.779**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**13.4**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**29.0**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*100%*		*58 - 144 %*	"			"	
4-BFB (PID)			*101%*		*68 - 140 %*	"			"	
BRH0128-04 (MW88 (PM H2O))		**Water**			**Sampled: 08/11/08 15:00**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**2450**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/12/08 23:03	
Benzene	"	**2.03**	-----	0.500	"	"	"	"	"	
Toluene	"	**0.536**	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**65.3**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**184**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*126%*		*58 - 144 %*	"			"	
4-BFB (PID)			*111%*		*68 - 140 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

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	08/18/08 09:44

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
BRH0128-05 (MW48 (PM H2O))		**Water**			**Sampled: 08/11/08 15:02**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**656**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/12/08 23:33	
Benzene	"	**3.77**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**36.1**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**63.5**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*110%*		*58 - 144 %*	"			"	
4-BFB (PID)			*105%*		*68 - 140 %*	"			"	
BRH0128-06 (MW65 (PM H2O))		**Water**			**Sampled: 08/11/08 15:05**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**152**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/13/08 00:03	
Benzene	"	**0.847**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**4.95**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**8.50**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*97.6%*		*58 - 144 %*	"			"	
4-BFB (PID)			*98.3%*		*68 - 140 %*	"			"	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/18/08 09:44

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

TestAmerica Seattle

QC Batch: 8H12042 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H12042-BLK1)								**Extracted: 08/12/08 13:50**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	08/12/08 16:30	
Benzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 92.9%*			*Limits: 58-144%*	"							*08/12/08 16:30*	
4-BFB (PID)		*99.6%*			*68-140%*	"							"	
LCS (8H12042-BS1)								**Extracted: 08/12/08 13:50**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1020	---	50.0	ug/l	1x	--	1000	102%	(80-120)	--	--	08/12/08 17:01	
Surrogate(s): 4-BFB (FID)		*Recovery: 103%*			*Limits: 58-144%*	"							*08/12/08 17:01*	
LCS (8H12042-BS2)								**Extracted: 08/12/08 13:50**						
Benzene	NWTPH-Gx/ 8021B	27.7	---	0.500	ug/l	1x	--	30.0	92.4%	(80-120)	--	--	08/12/08 17:32	
Toluene	"	31.3	---	0.500	"	"	--	"	104%	"	--	--	"	
Ethylbenzene	"	32.0	---	0.500	"	"	--	"	107%	"	--	--	"	
Xylenes (total)	"	96.2	---	1.00	"	"	--	90.0	107%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 101%*			*Limits: 68-140%*	"							*08/12/08 17:32*	
Duplicate (8H12042-DUP1)					**QC Source: BRH0128-01**			**Extracted: 08/12/08 13:50**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	987	---	50.0	ug/l	1x	1010	--	--	--	2.02%	(25)	08/12/08 18:33	
Benzene	"	1.90	---	0.500	"	"	1.92	--	--	--	1.04%	"	"	
Toluene	"	ND	---	0.500	"	"	ND	--	--	--	9.64%	"	"	
Ethylbenzene	"	36.7	---	0.500	"	"	37.1	--	--	--	1.08%	"	"	
Xylenes (total)	"	86.3	---	1.00	"	"	88.4	--	--	--	2.35%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 110%*			*Limits: 58-144%*	"							*08/12/08 18:33*	
4-BFB (PID)		*107%*			*68-140%*	"							"	
Duplicate (8H12042-DUP2)					**QC Source: BRH0128-02**			**Extracted: 08/12/08 13:50**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	926	---	50.0	ug/l	1x	933	--	--	--	0.751%	(25)	08/12/08 19:33	
Benzene	"	1.97	---	0.500	"	"	1.96	--	--	--	0.153%	"	"	
Toluene	"	ND	---	0.500	"	"	ND	--	--	--	7.92%	"	"	
Ethylbenzene	"	35.5	---	0.500	"	"	35.6	--	--	--	0.388%	"	"	
Xylenes (total)	"	80.8	---	1.00	"	"	81.5	--	--	--	0.828%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 110%*			*Limits: 58-144%*	"							*08/12/08 19:33*	
4-BFB (PID)		*106%*			*68-140%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

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	08/18/08 09:44

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

TestAmerica Seattle

QC Batch: 8H12042 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (8H12042-MS1)				**QC Source: BRH0128-01**					**Extracted: 08/12/08 13:50**					
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	2100	---	50.0	ug/l	1x	1010	1000	109%	(75-131)	--	--	08/12/08 20:34	
Surrogate(s): 4-BFB (FID)		*Recovery: 120%*		*Limits: 58-144%*	*"*								*08/12/08 20:34*	
Matrix Spike (8H12042-MS2)				**QC Source: BRH0128-02**					**Extracted: 08/12/08 13:50**					
Benzene	NWTPH-Gx/ 8021B	31.5	---	0.500	ug/l	1x	1.96	30.0	98.5%	(46-130)	--	--	08/12/08 21:04	
Toluene	"	31.4	---	0.500	"	"	0.328	"	104%	(60-124)	--	--	"	
Ethylbenzene	"	69.1	---	0.500	"	"	35.6	"	112%	(56-141)	--	--	"	
Xylenes (total)	"	178	---	1.00	"	"	81.5	90.0	107%	(66-132)	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 106%*		*Limits: 68-140%*	*"*								*08/12/08 21:04*	

TestAmerica Seattle

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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	08/18/08 09:44

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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 Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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 924-9290
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

CHAIN OF CUSTODY REPORT

Work Order #: B8H0128

CLIENT: CP

REPORT TO: ADDRESS: JON YOTZ 12034 134th CT NE SUITE 102 REDMOND, WA 98052

PHONE: 425 372-1600 FAX: 425 372 1650

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME: 5353

PROJECT NUMBER: 01CP.01396.41

SAMPLED BY: RAWLINS / MANNING

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: [X] 10 STD. [ ] 7 [ ] 5 [ ] 4 [ ] 3 [ ] 2 [ ] 1 [ ] <1

Petroleum Hydrocarbon Analyses: [ ] 5 STD. [ ] 4 [ ] 3 [ ] 2 [ ] 1 [ ] <1

[ ] OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TPH-G	BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	EFR1 (PM H_2O)	8/11/08 @ 1444	X	X	H_2O	3V	5353	WA 01
2	EFR2	↓ @ 1447	X	X	↓	↓	↓	↓ 02
3	EFR3	@ 14~~3~~52	X	X				03
4	MW88	@ 1500	X	X				04
5	MW48	@ 1502	X	X				05
6	MW65 (PM H_2O)	8/11/08 @ 1505	X	X	H_2O	3V	5353	WA 06
7	Trip blank	08.11.08 1510						-07
8								
9								
10								

CW 08/12/08

RELEASED BY: [signature] PRINT NAME: RAWLINS FIRM: STANTEC	DATE: 8-11-08 TIME: 1510	RECEIVED BY: [signature] PRINT NAME: Francisco Luna, Jr. FIRM: TA-SEA	DATE: 8/11/08 TIME: 1510
RELEASED BY: PRINT NAME: FIRM:	DATE: TIME:	RECEIVED BY: PRINT NAME: FIRM:	DATE: TIME:

ADDITIONAL REMARKS: @ Lab 1815 w/o

TEMP: 8.4°C

PAGE OF

TAL-1000(0408)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle (Y) or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)
Date: 8/11/08
Time: 1815
Initials: FL

Logged-in By:
Date: 8/12
Time: 9:55
Initials: CW

Unpacked/Labeled By:
Date: 08.12
Time: 1200
Initials: CW

Cooler ID: 314

Work Order No. 8RH0128
Client: _____
Project: _____

Container Type:
X Cooler
____ Box
____ None/Other _____

COC Seals:
____ Ship Container _____ Sign By
____ On Bottles _____ Date
X None

Packing Material:
____ Bubble Bags ____ Styrofoam
X Foam Packs
____ None/Other _____

Refrigerant:
X Gel Ice Pack _____
X Loose Ice _____
____ None/Other _____

Received Via: Bill#
____ Fed Ex ____ Client
____ UPS X TA Courier
____ DHL ____ Mid Valley
____ Senvoy ____ TDP
____ GS ____ Other_____

Cooler Temperature (*IR*): ____°C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? 8.4 (C) or NA

Trip Blank? (Y) or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	(Y) or N	_____	Metals Preserved?	Y or N or (NA)	_____
Provided by TA?	(Y) or N	_____	Client QAPP Preserved?	Y or N or (NA)	_____
Correct Type?	(Y) or N	_____	Adequate Volume? (for tests requested)	(Y) or N	_____
#Containers match COC?	Y or (N)	_____	Water VOAs: Headspace?	Y or (N) or NA	_____
IDs/time/date match COC?	Y or (N)	_____	Comments:		_____
Hold Times in hold?	(Y) or N	_____			

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

NOTIFICATION OF DISCREPANCY

DATE: 8/11/08	*TIME:* 1815	*PM:* S.Y.	*SC INITIALS:* FL.

Rush/Short Hold? ☐ *Yes* ☒ *No*	

☐ **Project Not Set Up in ELM** ☐ **New Client** ☐ **COC Received ON HOLD**
☐ **Analysis Requested on COC – Not Listed for Project in ELM**

☐ **PM To Add Analysis:** _____
☐ **Clarification of Analysis:** _____
☐ **Hold Time Expired: (Analysis)** _____
☐ **Turnaround Time Not Checked:** _____
☐ **Did Not Receive Sample(s) Listed on COC:** _____

☒ **Received Extra Sample(s) Not Listed on COC:** 1 trip blank added to COC and placed on hold.
☐ **Sample Description(s) or Date/Time Sampled Do Not Match COC:**

☐ **Improper Preservative For method:** _____
☐ **Sample Received Broken:** _____
☐ **Insufficient Sample Volume:** _____
☐ **Sample preserved upon receipt:** _____

☒ **Temperature Outside recommended range (4°C±2°C):** 8.4 °C
☐ **Received on-ice within 4 hours of collection, temperature between ambient to 2°C acceptable.**
☐ **Other:**

PROJECT MANAGER RESOLUTION:	(Date & Time when returned to SC)
Approval By:	**Date:** **Time:**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
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August 18, 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 08/11/08 18:15. The following list is a summary of the Work Orders contained in this report, generated on 08/18/08 09:45.

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

Work Order	Project	ProjectNumber
BRH0129	5353 Westlake EFR	O1CP.01396.41/255353

TestAmerica Seattle

Sandra Yakamavich

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	08/18/08 09:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFR-1 (AM H2O)	BRH0129-01	Water	08/11/08 08:54	08/11/08 18:15
EFR-2 (AM H2O)	BRH0129-02	Water	08/11/08 08:58	08/11/08 18:15
EFR-3 (AM H2O)	BRH0129-03	Water	08/11/08 09:02	08/11/08 18:15
MW 88 (AM H2O)	BRH0129-04	Water	08/11/08 09:20	08/11/08 18:15
MW 48 (AM H2O)	BRH0129-05	Water	08/11/08 09:27	08/11/08 18:15
MW 65 (AM H2O)	BRH0129-06	Water	08/11/08 09:32	08/11/08 18:15

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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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	08/18/08 09:45

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
BRH0129-01 (EFR-1 (AM H2O))		**Water**			**Sampled: 08/11/08 08:54**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**908**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/13/08 00:33	
Benzene	"	**1.88**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**39.0**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**84.5**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*110%*		*58 - 144 %*	"			"	
4-BFB (PID)			*107%*		*68 - 140 %*	"			"	
BRH0129-02 (EFR-2 (AM H2O))		**Water**			**Sampled: 08/11/08 08:58**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**947**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/13/08 01:03	
Benzene	"	**1.92**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**38.5**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**85.3**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*111%*		*58 - 144 %*	"			"	
4-BFB (PID)			*107%*		*68 - 140 %*	"			"	
BRH0129-03 (EFR-3 (AM H2O))		**Water**			**Sampled: 08/11/08 09:02**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**366**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/13/08 01:33	
Benzene	"	**0.699**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**14.5**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**31.1**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*100%*		*58 - 144 %*	"			"	
4-BFB (PID)			*103%*		*68 - 140 %*	"			"	
BRH0129-04 (MW 88 (AM H2O))		**Water**			**Sampled: 08/11/08 09:20**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**3020**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/13/08 02:02	
Benzene	"	**3.16**	-----	0.500	"	"	"	"	"	
Toluene	"	**0.898**	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**96.3**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**242**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*138%*		*58 - 144 %*	"			"	
4-BFB (PID)			*113%*		*68 - 140 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

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	08/18/08 09:45

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
BRH0129-05 (MW 48 (AM H2O))		**Water**			**Sampled: 08/11/08 09:27**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**356**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/13/08 02:32	
Benzene	"	**2.17**	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**19.8**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**26.4**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*105%*		*58 - 144 %*	"			"	
4-BFB (PID)			*102%*		*68 - 140 %*	"			"	
BRH0129-06 (MW 65 (AM H2O))		**Water**			**Sampled: 08/11/08 09:32**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**130**	-----	50.0	ug/l	1x	8H12042	08/12/08 13:50	08/13/08 03:02	
Benzene	"	ND	-----	0.500	"	"	"	"	"	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Ethylbenzene	"	**3.70**	-----	0.500	"	"	"	"	"	
Xylenes (total)	"	**6.15**	-----	1.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*95.9%*		*58 - 144 %*	"			"	
4-BFB (PID)			*99.8%*		*68 - 140 %*	"			"	

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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	08/18/08 09:45

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

TestAmerica Seattle

QC Batch: 8H12042 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H12042-BLK1)								**Extracted: 08/12/08 13:50**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	08/12/08 16:30	
Benzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 92.9%*			*Limits: 58-144%*	"							*08/12/08 16:30*	
4-BFB (PID)		*99.6%*			*68-140%*	"							"	
LCS (8H12042-BS1)								**Extracted: 08/12/08 13:50**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1020	---	50.0	ug/l	1x	--	1000	102%	(80-120)	--	--	08/12/08 17:01	
Surrogate(s): 4-BFB (FID)		*Recovery: 103%*			*Limits: 58-144%*	"							*08/12/08 17:01*	
LCS (8H12042-BS2)								**Extracted: 08/12/08 13:50**						
Benzene	NWTPH-Gx/ 8021B	27.7	---	0.500	ug/l	1x	--	30.0	92.4%	(80-120)	--	--	08/12/08 17:32	
Toluene	"	31.3	---	0.500	"	"	--	"	104%	"	--	--	"	
Ethylbenzene	"	32.0	---	0.500	"	"	--	"	107%	"	--	--	"	
Xylenes (total)	"	96.2	---	1.00	"	"	--	90.0	107%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 101%*			*Limits: 68-140%*	"							*08/12/08 17:32*	
Duplicate (8H12042-DUP1)					**QC Source: BRH0128-01**			**Extracted: 08/12/08 13:50**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	987	---	50.0	ug/l	1x	1010	--	--	--	2.02%	(25)	08/12/08 18:33	
Benzene	"	1.90	---	0.500	"	"	1.92	--	--	--	1.04%	"	"	
Toluene	"	ND	---	0.500	"	"	ND	--	--	--	9.64%	"	"	
Ethylbenzene	"	36.7	---	0.500	"	"	37.1	--	--	--	1.08%	"	"	
Xylenes (total)	"	86.3	---	1.00	"	"	88.4	--	--	--	2.35%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 110%*			*Limits: 58-144%*	"							*08/12/08 18:33*	
4-BFB (PID)		*107%*			*68-140%*	"							"	
Duplicate (8H12042-DUP2)					**QC Source: BRH0128-02**			**Extracted: 08/12/08 13:50**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	926	---	50.0	ug/l	1x	933	--	--	--	0.751%	(25)	08/12/08 19:33	
Benzene	"	1.97	---	0.500	"	"	1.96	--	--	--	0.153%	"	"	
Toluene	"	ND	---	0.500	"	"	ND	--	--	--	7.92%	"	"	
Ethylbenzene	"	35.5	---	0.500	"	"	35.6	--	--	--	0.388%	"	"	
Xylenes (total)	"	80.8	---	1.00	"	"	81.5	--	--	--	0.828%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 110%*			*Limits: 58-144%*	"							*08/12/08 19:33*	
4-BFB (PID)		*106%*			*68-140%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

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	08/18/08 09:45

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

TestAmerica Seattle

QC Batch: 8H12042 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (8H12042-MS1)				**QC Source: BRH0128-01**				**Extracted: 08/12/08 13:50**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	2100	---	50.0	ug/l	1x	1010	1000	109%	(75-131)	--	--	08/12/08 20:34	
Surrogate(s): 4-BFB (FID)		*Recovery: 120%*		*Limits: 58-144%*	*"*								*08/12/08 20:34*	
Matrix Spike (8H12042-MS2)				**QC Source: BRH0128-02**				**Extracted: 08/12/08 13:50**						
Benzene	NWTPH-Gx/ 8021B	31.5	---	0.500	ug/l	1x	1.96	30.0	98.5%	(46-130)	--	--	08/12/08 21:04	
Toluene	"	31.4	---	0.500	"	"	0.328	"	104%	(60-124)	--	--	"	
Ethylbenzene	"	69.1	---	0.500	"	"	35.6	"	112%	(56-141)	--	--	"	
Xylenes (total)	"	178	---	1.00	"	"	81.5	90.0	107%	(66-132)	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 106%*		*Limits: 68-140%*	*"*								*08/12/08 21:04*	

Sandra Yakamavich

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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	08/18/08 09:45

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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 Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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 924-9290
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

CHAIN OF CUSTODY REPORT

Work Order #: BRH0129

CLIENT: CP

REPORT TO: JEN YOTZ
ADDRESS: 12034 134th Ct NE Suite 102
REDMOND, WA 98052

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

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME: 5353

PROJECT NUMBER: 01C4.01396.41

SAMPLED BY: RAWLINS/MANNING

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: [X] 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

PRESERVATIVE / REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	TPH-G	BTEX											MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID	
1	EFR-1 (AM H2O)	8-11-08 @ 0854	X	X											H2O	3V	5353	WA	01
2	EFR-2 (AM H2O	@ 0858	X	X															02
3	EFR-3	@ 0902	X	X															03
4	MW 88	@ 0920	X	X															04
5	MW 48	@ 0927	X	X															05
6	MW 65 (AM H2O)	8-11-08 @ 0932	X	X															06
7	Trip blank	08.11.08 1510																-07	
8																			
9																			
10																			

CW 081208

RELEASED BY: [signature] PRINT NAME: RAWLINS FIRM: STANTEC DATE: 8-11-08 TIME: 1510

RECEIVED BY: [signature] PRINT NAME: Francisco Luna, Jr FIRM: TA-SEA DATE: 8/11/08 TIME: 1510

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: @ Lab 1815 w/o

TEMP: 8.4°C

PAGE OF

TAL-1000(0108)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle (Y) or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)
Date: 8/1/08
Time: 1815
Initials: FL.

Logged-in By:
Date: 8/12
Time: 9:06
Initials: CW

Unpacked/Labeled By:
Date: 08.12
Time: 1200
Initials: CW

Cooler ID: 314

Work Order No. 8240129
Client: _____
Project: _____

Container Type:
X Cooler
____ Box
____ None/Other _____

COC Seals:
____ Ship Container _____Sign By
____ On Bottles _____ Date
X None

Packing Material:
____ Bubble Bags ____ Styrofoam
X Foam Packs
____ None/Other _____

Refrigerant:
X Gel Ice Pack _____
X Loose Ice _____
____ None/Other _____

Received Via: Bill# _____
____ Fed Ex ____ Client
____ UPS X TA Courier
____ DHL ____ Mid Valley
____ Senvoy ____ TDP
____ GS ____ Other_____

Cooler Temperature (*IR*): ____°C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? 8.4 °C or NA

Trip Blank? (Y) or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	(Y) or N	_____	Metals Preserved?	Y or N or (NA)	_____
Provided by TA?	(Y) or N	_____	Client QAPP Preserved?	Y or N or (NA)	_____
Correct Type?	(Y) or N	_____	Adequate Volume? (for tests requested)	(Y) or N	_____
#Containers match COC?	Y or (N)	_____	Water VOAs: Headspace?	Y or (N) or NA	_____
IDs/time/date match COC?	Y or (N)	_____	Comments:		
Hold Times in hold?	(Y) or N	_____	_____		

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

NOTIFICATION OF DISCREPANCY

DATE: 8/11/08	*TIME:* 1815	*PM:* S.Y.	*SC INITIALS:* FL.

Rush/Short Hold? ☐ *Yes* ☒ *No*	

☐ **Project Not Set Up in ELM** ☐ **New Client** ☐ **COC Received ON HOLD**
☐ **Analysis Requested on COC – Not Listed for Project in ELM**

☐ **PM To Add Analysis:** _____
☐ **Clarification of Analysis:** _____
☐ **Hold Time Expired: (Analysis)** _____
☐ **Turnaround Time Not Checked:** _____
☐ **Did Not Receive Sample(s) Listed on COC:** _____

☒ **Received Extra Sample(s) Not Listed on COC:** 1 trip blank added to coc and placed on hold.
☐ **Sample Description(s) or Date/Time Sampled Do Not Match COC:**

☐ **Improper Preservative For method:** _____
☐ **Sample Received Broken:** _____
☐ **Insufficient Sample Volume:** _____
☐ **Sample preserved upon receipt:** _____

☒ **Temperature Outside recommended range (4°C±2°C):** 8.4°C
  ☐ **Received on-ice within 4 hours of collection, temperature between ambient to 2°C acceptable.**
☐ **Other:**

PROJECT MANAGER RESOLUTION:	(Date & Time when returned to SC)
Approval By:	**Date:** **Time:**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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August 28, 2008

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

RE: 5353 Westlake & Mercer

Enclosed are the results of analyses for samples received by the laboratory on 08/21/08 16:15. The following list is a summary of the Work Orders contained in this report, generated on 08/28/08 15:18.

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

Work Order	Project	ProjectNumber
BRH0283	5353 Westlake & Mercer	[none]

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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Stantec	Project Name:	**5353 Westlake & Mercer**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	[none]	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/28/08 15:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-88-AM	BRH0283-01	Air	08/21/08 08:15	08/21/08 16:15
MW-48-AM	BRH0283-02	Air	08/21/08 08:25	08/21/08 16:15
MW-88-PM	BRH0283-03	Air	08/21/08 15:00	08/21/08 16:15
MW-48-PM	BRH0283-04	Air	08/21/08 15:05	08/21/08 16:15

TestAmerica Seattle

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Stantec	Project Name:	**5353 Westlake & Mercer**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	[none]	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/28/08 15:18

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
BRH0283-01 (MW-88-AM)		**Air**			**Sampled: 08/21/08 08:15**					
Gasoline Range Hydrocarbons	NWTPH Modified	**107**	-----	10.0	mg/m³ Air	1x	8H22012	08/22/08 10:09	08/23/08 13:59	
Gasoline Range Hydrocarbons (v/v)	"	**25.3**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.153**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.204**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.122**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.121**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.495**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.779**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.539**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.535**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*87.6%*		*70 - 150 %*	"			"	
4-BFB (PID)			*104%*		*75 - 125 %*	"			"	
BRH0283-02 (MW-48-AM)		**Air**			**Sampled: 08/21/08 08:25**					
Gasoline Range Hydrocarbons	NWTPH Modified	**4460**	-----	100	mg/m³ Air	10x	8H22012	08/22/08 10:09	08/23/08 16:00	
Gasoline Range Hydrocarbons (v/v)	"	**1050**	-----	23.6	ppmv	"	"	"	"	
Benzene (v/v)	"	**5.20**	-----	0.308	"	"	"	"	"	
Toluene (v/v)	"	**5.28**	-----	0.261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**2.82**	-----	0.227	"	"	"	"	"	
Xylenes, total (v/v)	"	**2.31**	-----	0.454	"	"	"	"	"	
Benzene	"	**16.9**	-----	1.00	mg/m³ Air	"	"	"	"	
Toluene	"	**20.2**	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	**12.4**	-----	1.00	"	"	"	"	"	
Xylenes (total)	"	**10.2**	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*105%*		*70 - 150 %*	*1x*			"	
4-BFB (PID)			*93.9%*		*75 - 125 %*	"			"	
BRH0283-03 (MW-88-PM)		**Air**			**Sampled: 08/21/08 15:00**					
Gasoline Range Hydrocarbons	NWTPH Modified	**946**	-----	100	mg/m³ Air	10x	8H22012	08/22/08 10:09	08/23/08 15:30	
Gasoline Range Hydrocarbons (v/v)	"	**223**	-----	23.6	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.664**	-----	0.308	"	"	"	"	"	
Toluene (v/v)	"	**1.12**	-----	0.261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**2.60**	-----	0.227	"	"	"	"	"	
Xylenes, total (v/v)	"	**3.81**	-----	0.454	"	"	"	"	"	
Benzene	"	**2.16**	-----	1.00	mg/m³ Air	"	"	"	"	
Toluene	"	**4.27**	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	**11.5**	-----	1.00	"	"	"	"	"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	Project Name:	**5353 Westlake & Mercer**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	[none]	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/28/08 15:18

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
BRH0283-03 (MW-88-PM)		**Air**			**Sampled: 08/21/08 15:00**					
Xylenes (total)	NWTPH Modified	**16.8**	-----	2.00	mg/m³ Air	10x	8H22012	08/22/08 10:09	08/23/08 15:30	
Surrogate(s): 4-BFB (FID)			*103%*		*70 - 150 %*	*1x*			*"*	
4-BFB (PID)			*105%*		*75 - 125 %*	*"*			*"*	
BRH0283-04 (MW-48-PM)		**Air**			**Sampled: 08/21/08 15:05**					
Gasoline Range Hydrocarbons	NWTPH Modified	**197**	-----	10.0	mg/m³ Air	1x	8H22012	08/22/08 10:09	08/23/08 15:00	
Gasoline Range Hydrocarbons (v/v)	"	**46.5**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.160**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.276**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.897**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**1.47**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.519**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**1.06**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**3.96**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**6.46**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*115%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*115%*		*75 - 125 %*	*"*			*"*	

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Stantec	Project Name:	**5353 Westlake & Mercer**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	[none]	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/28/08 15:18

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

TestAmerica Seattle

QC Batch: 8H22012 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H22012-BLK1)							**Extracted: 08/22/08 10:09**							
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	--	--	--	--	--	--	08/22/08 16:03	
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)		*Recovery: 76.0%*			*Limits: 70-150%*	"							*08/22/08 16:03*	
4-BFB (PID)		*103%*			*75-125%*	"							*"*	
LCS (8H22012-BS1)							**Extracted: 08/22/08 10:09**							
Gasoline Range Hydrocarbons	NWTPH Modified	76.6	---	10.0	mg/m³ Air	1x	--	100	76.6%	(50-150)	--	--	08/22/08 12:57	
Surrogate(s): 4-BFB (FID)		*Recovery: 85.4%*			*Limits: 70-150%*	"							*08/22/08 12:57*	
LCS (8H22012-BS2)							**Extracted: 08/22/08 10:09**							
Benzene	NWTPH Modified	2.36	---	0.100	mg/m³ Air	1x	--	2.00	118%	(50-150)	--	--	08/22/08 13:57	
Toluene	"	2.44	---	0.100	"	"	--	"	122%	"	--	--	"	
Ethylbenzene	"	2.39	---	0.100	"	"	--	"	119%	"	--	--	"	
Xylenes (total)	"	7.17	---	0.200	"	"	--	6.00	120%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 115%*			*Limits: 75-125%*	"							*08/22/08 13:57*	
LCS Dup (8H22012-BSD1)							**Extracted: 08/22/08 10:09**							
Gasoline Range Hydrocarbons	NWTPH Modified	76.7	---	10.0	mg/m³ Air	1x	--	100	76.7%	(50-150)	0.0504%	(50)	08/22/08 13:27	
Surrogate(s): 4-BFB (FID)		*Recovery: 88.4%*			*Limits: 70-150%*	"							*08/22/08 13:27*	
LCS Dup (8H22012-BSD2)							**Extracted: 08/22/08 10:09**							
Benzene	NWTPH Modified	2.38	---	0.100	mg/m³ Air	1x	--	2.00	119%	(50-150)	0.725%	(50)	08/22/08 14:27	
Toluene	"	2.41	---	0.100	"	"	--	"	120%	"	1.36%	"	"	
Ethylbenzene	"	2.40	---	0.100	"	"	--	"	120%	"	0.402%	"	"	
Xylenes (total)	"	7.15	---	0.200	"	"	--	6.00	119%	"	0.349%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 114%*			*Limits: 75-125%*	"							*08/22/08 14:27*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	Project Name:	**5353 Westlake & Mercer**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	[none]	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/28/08 15:18

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

TestAmerica Seattle

QC Batch: 8H22012 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8H22012-DUP1)				**QC Source: BRH0274-01**				**Extracted: 08/22/08 10:09**						
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	ND	--	--	--	NR	(30)	08/22/08 17:25	
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	--	--	--		"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	29.2%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--		"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	29.2%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 89.1%*			*Limits: 70-150%*	"							*08/22/08 17:25*	
4-BFB (PID)		*111%*			*75-125%*	"							"	

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Stantec	Project Name:	**5353 Westlake & Mercer**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	[none]	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	08/28/08 15:18

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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 Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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 924-9290
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

CHAIN OF CUSTODY REPORT

Work Order #: BRH0283

CLIENT: STANTEC

INVOICE TO: JENNIFER YOTZ

REPORT TO: JENNIFER YOTZ
ADDRESS: 12034 134 CT, NE, STE 102
REDMOND, WA 98052
PHONE: 425.372.1600 FAX: 425.372.1650

P.O. NUMBER:

PROJECT NAME: WESTLAKE MERCER

PROJECT NUMBER:

SAMPLED BY: MANNING

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses
10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses
~~5~~ STD. | 4 | 3 | 2 | 1 | <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPH-G	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	MW-88-AM	08-21-08 / 0815		X	X	AIR	1	5353	-01
2	MW-48-AM	08-21-08 / 0825		X	X	AIR	1	5353	-02
3	MW-88-PM	08-21-08 / 1500		X	X	AIR	1	5353	-03
4	MW-48 PM	08-21-08 / 1505		X	X	AIR	1	5353	-04
5									
6									
7									
8									
9									
10									

RELEASED BY: Scott Manning — DATE: 08-21-08
PRINT NAME: SCOTT MANNING — FIRM: STANTEC — TIME: 1525

RECEIVED BY: [signature] — DATE: 8/21/08
PRINT NAME: Francisco Luna, Jr — FIRM: TA-SEA — TIME: 1525

RELEASED BY: — DATE:
PRINT NAME: — FIRM: — TIME:

RECEIVED BY: — DATE:
PRINT NAME: — FIRM: — TIME:

ADDITIONAL REMARKS: @Lab 1615 w/o

TEMP: 19.7°C

PAGE OF

TAL-1000(0408)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)
Date: 8/21/08
Time: 1615
Initials: F.L.

Logged-in By:
Date: 8/21/08
Time: 1715
Initials: PTZ

Unpacked/Labeled By:
Date: 8/21/08
Time: 17:20
Initials: PTZ

Cooler ID: 393

Work Order No: BRHO283

Client: _____

Project: _____

Container Type:
X Cooler
____ Box
____ None/Other _____

COC Seals:
____ Ship Container ____ Sign By
____ On Bottles ____ Date
X None

Packing Material:
____ Bubble Bags ____ Styrofoam
____ Foam Packs
X None/Other _____

Refrigerant:
____ Gel Ice Pack _____
____ Loose Ice _____
X None/Other _____

Received Via: Bill#_____
____ Fed Ex ____ Client
____ UPS X TA Courier
____ DHL ____ Mid Valley
____ Senvoy ____ TDP
____ GS ____ Other_____

Cooler Temperature (*IR*): 14.7°C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? _____°C or NA Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	Y or N		Metals Preserved?	Y or N or NA	
Provided by TA?	Y or N		Client QAPP Preserved?	Y or N or NA	
Correct Type?	Y or N		Adequate Volume? (for tests requested)	Y or N	
#Containers match COC?	Y or N		Water VOAs: Headspace?	Y or N or NA	
IDs/time/date match COC?	Y or N		Comments:		
Hold Times in hold?	Y or N				

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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August 26, 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 08/21/08 16:15. The following list is a summary of the Work Orders contained in this report, generated on 08/26/08 12:01.

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

Work Order	Project	ProjectNumber
BRH0288	5353 Westlake EFR	O1CP.01396.41/255353

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

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	08/26/08 12:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-88-AM	BRH0288-01	Water	08/21/08 08:10	08/21/08 16:15
MW-48-AM	BRH0288-02	Water	08/21/08 08:20	08/21/08 16:15
MW-88-PM	BRH0288-03	Water	08/21/08 15:10	08/21/08 16:15
MW-48-PM	BRH0288-04	Water	08/21/08 15:15	08/21/08 16:15

TestAmerica Seattle

Sandra Yakamavich

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	08/26/08 12:01

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
BRH0288-01 (MW-88-AM)		**Water**			**Sampled: 08/21/08 08:10**					
Benzene	NWTPH-Gx/802 1B	**5.64**	-----	0.500	ug/l	1x	8H22023	08/22/08 11:36	08/24/08 05:01	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*113%*		*68 - 140 %*	"			"	
BRH0288-01RE1 (MW-88-AM)		**Water**			**Sampled: 08/21/08 08:10**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**5800**	-----	250	ug/l	5x	8H22023	08/22/08 11:36	08/24/08 11:07	
Ethylbenzene	"	**119**	-----	2.50	"	"	"	"	"	**B4, A-01**
Xylenes (total)	"	**392**	-----	5.00	"	"	"	"	"	**B3, A-01**
Surrogate(s): 4-BFB (FID)			*95.2%*		*58 - 144 %*	*1x*			"	
4-BFB (PID)			*105%*		*68 - 140 %*	"			"	
BRH0288-02 (MW-48-AM)		**Water**			**Sampled: 08/21/08 08:20**					
Benzene	NWTPH-Gx/802 1B	**48.0**	-----	0.500	ug/l	1x	8H22023	08/22/08 11:36	08/24/08 05:34	
Toluene	"	**4.16**	-----	0.500	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*155%*		*68 - 140 %*	"			"	***ZX***
BRH0288-02RE1 (MW-48-AM)		**Water**			**Sampled: 08/21/08 08:20**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**6780**	-----	250	ug/l	5x	8H22023	08/22/08 11:36	08/24/08 11:40	
Ethylbenzene	"	**415**	-----	2.50	"	"	"	"	"	**B4, A-01**
Xylenes (total)	"	**853**	-----	5.00	"	"	"	"	"	**B3, A-01**
Surrogate(s): 4-BFB (FID)			*113%*		*58 - 144 %*	*1x*			"	
4-BFB (PID)			*111%*		*68 - 140 %*	"			"	
BRH0288-03 (MW-88-PM)		**Water**			**Sampled: 08/21/08 15:10**					
Benzene	NWTPH-Gx/802 1B	**3.96**	-----	0.500	ug/l	1x	8H22023	08/22/08 11:36	08/24/08 06:07	
Toluene	"	ND	-----	0.500	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*128%*		*68 - 140 %*	"			"	
BRH0288-03RE1 (MW-88-PM)		**Water**			**Sampled: 08/21/08 15:10**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**5340**	-----	250	ug/l	5x	8H22023	08/22/08 11:36	08/24/08 12:14	
Ethylbenzene	"	**114**	-----	2.50	"	"	"	"	"	**B4, A-01**
Xylenes (total)	"	**355**	-----	5.00	"	"	"	"	"	**B3, A-01**
Surrogate(s): 4-BFB (FID)			*94.5%*		*58 - 144 %*	*1x*			"	

TestAmerica Seattle

Sandra Yakamavich, Project Manager

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BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

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	08/26/08 12:01

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
BRH0288-03RE1 (MW-88-PM)		**Water**			**Sampled: 08/21/08 15:10**					
4-BFB (PID)			*104%*		*68 - 140 %*	*1x*			*08/24/08 12:14*	
BRH0288-04 (MW-48-PM)		**Water**			**Sampled: 08/21/08 15:15**					
Benzene	NWTPH-Gx/802 1B	**27.4**	-----	0.500	ug/l	1x	8H22023	08/22/08 11:36	08/24/08 06:40	
Toluene	"	**3.92**	-----	0.500	"	"	"	"	"	
Surrogate(s): 4-BFB (PID)			*159%*		*68 - 140 %*	*"*			*"*	***ZX***
BRH0288-04RE1 (MW-48-PM)		**Water**			**Sampled: 08/21/08 15:15**					
Gasoline Range Hydrocarbons	NWTPH-Gx/802 1B	**6850**	-----	250	ug/l	5x	8H22023	08/22/08 11:36	08/24/08 12:47	
Ethylbenzene	"	**344**	-----	2.50	"	"	"	"	"	**B4, A-01**
Xylenes (total)	"	**840**	-----	5.00	"	"	"	"	"	**B3, A-01**
Surrogate(s): 4-BFB (FID)			*109%*		*58 - 144 %*	*1x*			*"*	
4-BFB (PID)			*110%*		*68 - 140 %*	*"*			*"*	

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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	08/26/08 12:01

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

TestAmerica Seattle

QC Batch: 8H22023 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8H22023-BLK1)							**Extracted: 08/22/08 11:36**							
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	--	--	--	--	--	--	08/23/08 13:28	
Benzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Toluene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Ethylbenzene	"	ND	---	0.500	"	"	--	--	--	--	--	--	"	
Xylenes (total)	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 84.1%*			*Limits: 58-144%*	"							*08/23/08 13:28*	
4-BFB (PID)		*93.5%*			*68-140%*	"							"	
LCS (8H22023-BS1)							**Extracted: 08/22/08 11:36**							
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	1030	---	50.0	ug/l	1x	--	1000	103%	(80-120)	--	--	08/23/08 14:02	
Surrogate(s): 4-BFB (FID)		*Recovery: 92.8%*			*Limits: 58-144%*	"							*08/23/08 14:02*	
LCS (8H22023-BS2)							**Extracted: 08/22/08 11:36**							
Benzene	NWTPH-Gx/ 8021B	30.4	---	0.500	ug/l	1x	--	30.0	101%	(80-120)	--	--	08/23/08 14:35	
Toluene	"	30.8	---	0.500	"	"	--	"	103%	"	--	--	"	
Ethylbenzene	"	28.8	---	0.500	"	"	--	"	96.1%	"	--	--	"	
Xylenes (total)	"	83.8	---	1.00	"	"	--	90.0	93.1%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 93.3%*			*Limits: 68-140%*	"							*08/23/08 14:35*	
Duplicate (8H22023-DUP1)					**QC Source: BRH0246-04**		**Extracted: 08/22/08 11:36**							
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	ND	--	--	--	NR	(25)	08/23/08 15:42	
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: 83.6%*			*Limits: 58-144%*	"							*08/23/08 15:42*	
4-BFB (PID)		*94.8%*			*68-140%*	"							"	
Duplicate (8H22023-DUP2)					**QC Source: BRH0246-05**		**Extracted: 08/22/08 11:36**							
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	ND	---	50.0	ug/l	1x	ND	--	--	--	NR	(25)	08/23/08 16:49	
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: 86.7%*			*Limits: 58-144%*	"							*08/23/08 16:49*	
4-BFB (PID)		*95.7%*			*68-140%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

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PH: (425) 420.9200 FAX: (425) 420.9210

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	08/26/08 12:01

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

TestAmerica Seattle

QC Batch: 8H22023 **Water Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike (8H22023-MS1)				**QC Source: BRH0246-04**				**Extracted: 08/22/08 11:36**						
Gasoline Range Hydrocarbons	NWTPH-Gx/ 8021B	997	---	50.0	ug/l	1x	ND	1000	99.7%	(75-131)	--	--	08/23/08 17:56	
Surrogate(s): 4-BFB (FID)		*Recovery: 95.1%*		*Limits: 58-144%*	*"*								*08/23/08 17:56*	
Matrix Spike (8H22023-MS2)				**QC Source: BRH0246-05**				**Extracted: 08/22/08 11:36**						
Benzene	NWTPH-Gx/ 8021B	31.0	---	0.500	ug/l	1x	ND	30.0	103%	(46-130)	--	--	08/23/08 18:29	
Toluene	"	30.8	---	0.500	"	"	ND	"	103%	(60-124)	--	--	"	
Ethylbenzene	"	29.7	---	0.500	"	"	ND	"	98.8%	(56-141)	--	--	"	
Xylenes (total)	"	85.4	---	1.00	"	"	ND	90.0	94.9%	(66-132)	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 94.6%*		*Limits: 68-140%*	*"*								*08/23/08 18:29*	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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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	08/26/08 12:01

Notes and Definitions

Report Specific Notes:

A-01	-	Sample recovery greater than 10x the result found in the calibration blank.
B3	-	Target analyte detected in calibration blank at or above the method reporting limit.
B4	-	Target analyte detected in blank at/above method acceptance criteria.
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 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 *Electronic Reporting and Electronic Signatures Policy.* 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

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Sandra Yakamavich, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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 924-9290
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

CHAIN OF CUSTODY REPORT

Work Order #: BRH0288

CLIENT: STANTEC

INVOICE TO: JENNIFER YOTZ

REPORT TO: JENNIFER YOTZ
ADDRESS: 12034 134 CT NE, STE 102
REDMOND, WA 98052
PHONE: 425.372.16000 FAX: 425.372.1650

P.O. NUMBER:

PROJECT NAME: WESTLAKE-MERCER

PROJECT NUMBER:

SAMPLED BY: MANNING

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: [10] STD. [7] [5] [4] [3] [2] [1] [<1]

Petroleum Hydrocarbon Analyses: [X] STD. [4] [3] [2] [1] [<1]

[OTHER] Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPH-G	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	MW-88-AM	08-21-08 / 0810		X	X	W	4	5353	01
2	MW-48-AM	08-21-08 / 0820		X	X	W	4	5353	02
3	MW-88-PM	08-21-08 / 1510		X	X	W	4	5353	03
4	MW-~~88~~ 48-PM	08-21-08 / 1515		X	X	W	4	5353	04
5									
6									
7									
8									
9									
10									

RELEASED BY: Scott Manning
PRINT NAME: SCOTT MANNING FIRM: STANTEC DATE: 08-21-08 TIME: 1525

RECEIVED BY:
PRINT NAME: Francisco Lung, Jr FIRM: TA-SEA DATE: 8/21/08 TIME: 1525

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

@1615 w/o

TEMP: 6.3°C

PAGE OF

TAL-1000(0408)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt) **Logged-in By:** **Unpacked/Labeled By:** ***Cooler ID:*** 383

Date: 8/21/08 Date: 8/22 Date: 08-22 Work Order No. BRH0288

Time: 1615 Time: 743 Time: 1745 Client: _____

Initials: FL. Initials: CB Initials: CW Project: _____

Container Type: COC Seals: Packing Material _____:

X Cooler ____ Ship Container _____Sign By X Bubble Bags ____ Styrofoam

____ Box ____ On Bottles _____ Date ____ Foam Packs

____ None/Other _____ X None ____ None/Other _____

Refrigerant: Received Via: Bill#_____

____ Gel Ice Pack _____ ____ Fed Ex ____ Client

X Loose Ice _____ ____ UPS X TA Courier

____ None/Other _____ ____ DHL ____ Mid Valley

____ Senvoy ____ TDP

____ GS ____ Other_____

Cooler Temperature (*IR*): ____°C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? 6.3 °C or NA Trip Blank? Y or (N) or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	(Y) or N	_____	Metals Preserved?	Y or N or (NA)	_____
Provided by TA?	(Y) or N	_____	Client QAPP Preserved?	Y or N or (NA)	_____
Correct Type?	(Y) or N	_____	Adequate Volume? (for tests requested)	(Y) or N	_____
#Containers match COC?	(Y) or N	_____	Water VOAs: Headspace?	Y or (N) or NA	_____
IDs/time/date match COC?	(Y) or N	_____	Comments:		
Hold Times in hold?	(Y) or N	_____			

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, ____/____ (Date Time)

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

NOTIFICATION OF DISCREPANCY

DATE: 8/21/08	*TIME:* 1615	*PM:* S.Y.	*SC INITIALS:* FL

Rush/Short Hold? ☐ *Yes* ☒ *No*	

☐ **Project Not Set Up in ELM** ☐ **New Client** ☐ **COC Received ON HOLD**
☐ **Analysis Requested on COC – Not Listed for Project in ELM**

☐ **PM To Add Analysis:** _____
☐ **Clarification of Analysis:** _____
☐ **Hold Time Expired: (Analysis)** _____
☐ **Turnaround Time Not Checked:** _____
☐ **Did Not Receive Sample(s) Listed on COC:** _____
_____
☐ **Received Extra Sample(s) Not Listed on COC:** _____
_____
☐ **Sample Description(s) or Date/Time Sampled Do Not Match COC:**
_____
_____
_____

☐ **Improper Preservative For method:** _____
☐ **Sample Received Broken:** _____
☐ **Insufficient Sample Volume:** _____
☐ **Sample preserved upon receipt:** _____
_____
☑ **Temperature Outside recommended range (4°C±2°C):** 6.3 °C
☐ **Received on-ice within 4 hours of collection, temperature between ambient to 2°C acceptable.**
☐ **Other:**
_____
_____
_____
_____

PROJECT MANAGER RESOLUTION:	(Date & Time when returned to SC)
Approval By:	**Date:** **Time:**

TestAmerica
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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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September 29, 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 09/25/08 14:15. The following list is a summary of the Work Orders contained in this report, generated on 09/29/08 15:23.

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

Work Order	Project	ProjectNumber
BRI0392	5353 Westlake EFR	O1CP.01396.42

TestAmerica Seattle

Sandra Yakamavich

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.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	09/29/08 15:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Total Eff	BRI0392-01	Air	09/25/08 09:30	09/25/08 14:15
Mid	BRI0392-02	Air	09/25/08 09:40	09/25/08 14:15
Total Inf	BRI0392-03	Air	09/25/08 09:45	09/25/08 14:15

TestAmerica Seattle

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	09/29/08 15:23

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
BRI0392-01 (Total Eff)		**Air**				**Sampled: 09/25/08 09:30**				
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/25/08 21:18	
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	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*80.2%*		*70 - 150 %*	"			"	
4-BFB (PID)			*106%*		*75 - 125 %*	"			"	
BRI0392-02 (Mid)		**Air**				**Sampled: 09/25/08 09:40**				
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/25/08 22:18	
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	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*86.1%*		*70 - 150 %*	"			"	
4-BFB (PID)			*111%*		*75 - 125 %*	"			"	
BRI0392-03 (Total Inf)		**Air**				**Sampled: 09/25/08 09:45**				
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 00:19	
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	"	"	"	"	"	

TestAmerica Seattle

Sandra Yakamavich

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.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	09/29/08 15:23

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
BRI0392-03 (Total Inf)	**Air**				**Sampled: 09/25/08 09:45**					
Surrogate(s): 4-BFB (FID)		*84.6%*			*70 - 150 %*	*1x*			*09/26/08 00:19*	
4-BFB (PID)		*112%*			*75 - 125 %*	*"*			*"*	

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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	09/29/08 15:23

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

TestAmerica Seattle

QC Batch: 8I25055 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8I25055-BLK1)								**Extracted: 09/25/08 15:45**						
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND	---	2.36	ppmv	1x	--	--	--	--	--	--	09/25/08 20:30	
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)		*Recovery: 87.7%*			*Limits: 70-150%*	"							*09/25/08 20:30*	
4-BFB (PID)		*105%*			*75-125%*	"							"	
LCS (8I25055-BS1)								**Extracted: 09/25/08 15:45**						
Gasoline Range Hydrocarbons	NWTPH Modified	62.9	---	10.0	mg/m³ Air	1x	--	100	62.9%	(50-150)	--	--	09/25/08 17:57	
Surrogate(s): 4-BFB (FID)		*Recovery: 87.4%*			*Limits: 70-150%*	"							*09/25/08 17:57*	
LCS (8I25055-BS2)								**Extracted: 09/25/08 15:45**						
Benzene	NWTPH Modified	2.20	---	0.100	mg/m³ Air	1x	--	2.00	110%	(50-150)	--	--	09/25/08 18:57	
Toluene	"	2.25	---	0.100	"	"	--	"	113%	"	--	--	"	
Ethylbenzene	"	2.18	---	0.100	"	"	--	"	109%	"	--	--	"	
Xylenes (total)	"	6.54	---	0.200	"	"	--	6.00	109%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 111%*			*Limits: 75-125%*	"							*09/25/08 18:57*	
LCS Dup (8I25055-BSD1)								**Extracted: 09/25/08 15:45**						
Gasoline Range Hydrocarbons	NWTPH Modified	60.7	---	10.0	mg/m³ Air	1x	--	100	60.7%	(50-150)	3.45%	(50)	09/25/08 18:27	
Surrogate(s): 4-BFB (FID)		*Recovery: 82.4%*			*Limits: 70-150%*	"							*09/25/08 18:27*	
LCS Dup (8I25055-BSD2)								**Extracted: 09/25/08 15:45**						
Benzene	NWTPH Modified	2.28	---	0.100	mg/m³ Air	1x	--	2.00	114%	(50-150)	3.72%	(50)	09/25/08 19:27	
Toluene	"	2.28	---	0.100	"	"	--	"	114%	"	1.37%	"	"	
Ethylbenzene	"	2.28	---	0.100	"	"	--	"	114%	"	4.53%	"	"	
Xylenes (total)	"	6.78	---	0.200	"	"	--	6.00	113%	"	3.56%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 112%*			*Limits: 75-125%*	"							*09/25/08 19:27*	

TestAmerica Seattle

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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	09/29/08 15:23

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

TestAmerica Seattle

QC Batch: 8I25055 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8I25055-DUP1)					**QC Source: BRI0392-01**				**Extracted: 09/25/08 15:45**					
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND	---	2.36	ppmv	1x	ND	--	--	--	0.0238%	(30)	09/25/08 21:48	
Gasoline Range Hydrocarbons	"	ND	---	10.0	mg/m³ Air	"	ND	--	--	--	0.0238%	"	"	
Benzene (v/v)	"	ND	---	0.0308	ppmv	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--		"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--		"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--		"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--		"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.3%*			*Limits: 70-150%*	"							*09/25/08 21:48*	
4-BFB (PID)		*109%*			*75-125%*	"							"	
Duplicate (8I25055-DUP2)					**QC Source: BRI0392-03**				**Extracted: 09/25/08 15:45**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	ND	--	--	--	2.79%	(30)	09/26/08 00:49	
Gasoline Range Hydrocarbons (v/v)	"	ND	---	2.36	ppmv	"	ND	--	--	--	2.79%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	6.06%	"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	4.19%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	6.06%	"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	4.19%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 85.7%*			*Limits: 70-150%*	"							*09/26/08 00:49*	
4-BFB (PID)		*111%*			*75-125%*	"							"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	09/29/08 15:23

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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 Yakamavich

Sandra Yakamavich, Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

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 924-9290
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

CHAIN OF CUSTODY REPORT

Work Order #: BRI0397 & 52

CLIENT: CP

INVOICE TO: SAME

REPORT TO: JEN YOTZ
ADDRESS: 12034 134th Ct Suite 102 REDMOND, WA
PHONE: 425-572-1600 FAX: 425-372-1650

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE
PROJECT NUMBER: 01CP-01396.42
SAMPLED BY: L. Rawlins

TURNAROUND REQUEST
in Business Days *
Organic & Inorganic Analyses: ~~STD.~~ 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: 5 STD. 4 3 2 1 <1
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPH-g	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	Total Eff	9-25-08 @ 9:30		X	AIR	1	1396	WA-0
2	Mid	↓ @ 9:40		X	↓	1	↓	WA-0
3	Total Inf	9-25-08 @ 9:45		X	AIR	1	1396	WA-0
4								
5								
6								
7								
8								
9								
10								

RELEASED BY: PRINT NAME: L. RAWLINS FIRM: STANTEC DATE: 9-25-08 TIME: 1415
RECEIVED BY: Colette Weaver PRINT NAME: Colette Weaver FIRM: TA-Seattle DATE: 09.25.08 TIME: 1415

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:
RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP: 20.7c W/O PAGE OF

TAL-1000(0408)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)	**Logged-in By:**	**Unpacked/Labeled By:**	***Cooler ID:*** _____ .
Date: 09.25.08	Date: 09.25	Date: 09.25	Work Order No. BRI0392
Time: 1415	Time: 1426	Time: 1426	Client: Stantec
Initials: CW	Initials: CW	Initials: CW	Project: _____

Container Type:
____ Cooler
____ Box
X None/Other _____

COC Seals:
____ Ship Container ____ Sign By
____ On Bottles ____ Date
X None

Packing Material:
____ Bubble Bags ____ Styrofoam
____ Foam Packs
X None/Other _____

Refrigerant:
____ Gel Ice Pack _____
____ Loose Ice _____
X None/Other _____

Received Via: Bill#_____
____ Fed Ex ____ X Client
____ UPS ____ TA Courier
____ DHL ____ Mid Valley
____ Senvoy ____ TDP
____ GS ____ Other_____

Cooler Temperature (*IR*): 20.7 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? _____°C or NA Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	Y or N	_____	Metals Preserved?	Y or N or NA	_____
Provided by TA?	Y or N	_____	Client QAPP Preserved?	Y or N or NA	_____
Correct Type?	Y or N	_____	Adequate Volume? (for tests requested)	Y or N	_____
#Containers match COC?	Y or N	_____	Water VOAs: Headspace?	Y or N or NA	_____
IDs/time/date match COC?	Y or N	_____	Comments:		
Hold Times in hold?	Y or N	_____	_____		

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

TestAmerica
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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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September 29, 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 09/25/08 14:15. The following list is a summary of the Work Orders contained in this report, generated on 09/29/08 15:25.

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

Work Order	Project	ProjectNumber
BRI0393	5353 Westlake EFR	O1CP.01396.41/255353

TestAmerica Seattle

Sandra Yakamavich

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	09/29/08 15:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SVE-1	BRI0393-01	Air	09/25/08 10:10	09/25/08 14:15
SVE-2	BRI0393-02	Air	09/25/08 10:16	09/25/08 14:15
SVE-3	BRI0393-03	Air	09/25/08 10:19	09/25/08 14:15
SVE-4	BRI0393-04	Air	09/25/08 10:22	09/25/08 14:15
SVE-5	BRI0393-05	Air	09/25/08 10:25	09/25/08 14:15
SVE-6	BRI0393-06	Air	09/25/08 10:28	09/25/08 14:15
SVE-7	BRI0393-07	Air	09/25/08 10:30	09/25/08 14:15
SVE-8	BRI0393-08	Air	09/25/08 11:27	09/25/08 14:15
SVE-9	BRI0393-09	Air	09/25/08 10:57	09/25/08 14:15
TSVE10/MW66	BRI0393-10	Air	09/25/08 11:02	09/25/08 14:15
TSVE11/MW67	BRI0393-11	Air	09/25/08 11:05	09/25/08 14:15
TSVE12/MW68	BRI0393-12	Air	09/25/08 11:08	09/25/08 14:15
A3	BRI0393-13	Air	09/25/08 12:45	09/25/08 14:15

TestAmerica Seattle

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Sandra Yakamavich, Project Manager

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BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

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	09/29/08 15:25

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
BRI0393-01 (SVE-1)		**Air**			**Sampled: 09/25/08 10:10**					
Gasoline Range Hydrocarbons	NWTPH Modified	**25.3**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 01:49	
Gasoline Range Hydrocarbons (v/v)	"	**5.95**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.167**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0547**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.541**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.241**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*88.6%*		*70 - 150 %*	"			"	
4-BFB (PID)			*112%*		*75 - 125 %*	"			"	
BRI0393-02 (SVE-2)		**Air**			**Sampled: 09/25/08 10:16**					
Gasoline Range Hydrocarbons	NWTPH Modified	**266**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 03:50	
Gasoline Range Hydrocarbons (v/v)	"	**62.7**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**2.79**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.197**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.105**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.184**	-----	0.0454	"	"	"	"	"	
Benzene	"	**9.06**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.752**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.462**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.813**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*108%*		*70 - 150 %*	"			"	
4-BFB (PID)			*111%*		*75 - 125 %*	"			"	
BRI0393-03 (SVE-3)		**Air**			**Sampled: 09/25/08 10:19**					
Gasoline Range Hydrocarbons	NWTPH Modified	**8810**	-----	500	mg/m³ Air	50x	8I25055	09/25/08 15:45	09/26/08 04:20	
Gasoline Range Hydrocarbons (v/v)	"	**2080**	-----	118	ppmv	"	"	"	"	
Benzene (v/v)	"	**15.4**	-----	1.54	"	"	"	"	"	
Toluene (v/v)	"	**16.0**	-----	1.30	"	"	"	"	"	
Ethylbenzene (v/v)	"	**14.1**	-----	1.14	"	"	"	"	"	
Xylenes, total (v/v)	"	**59.1**	-----	2.27	"	"	"	"	"	
Benzene	"	**49.9**	-----	5.00	mg/m³ Air	"	"	"	"	
Toluene	"	**61.2**	-----	5.00	"	"	"	"	"	
Ethylbenzene	"	**62.0**	-----	5.00	"	"	"	"	"	

TestAmerica Seattle

Sandra Yakamavich

Sandra Yakamavich, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

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	09/29/08 15:25

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
BRI0393-03 (SVE-3)		**Air**				**Sampled: 09/25/08 10:19**				
Xylenes (total)	NWTPH Modified	**260**	-----	10.0	mg/m³ Air	50x	8I25055	09/25/08 15:45	09/26/08 04:20	
Surrogate(s): 4-BFB (FID)			*112%*		*70 - 150 %*	*1x*			*"*	
4-BFB (PID)			*110%*		*75 - 125 %*	*"*			*"*	
BRI0393-04 (SVE-4)		**Air**				**Sampled: 09/25/08 10:22**				
Gasoline Range Hydrocarbons	NWTPH Modified	**66.9**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 01:19	
Gasoline Range Hydrocarbons (v/v)	"	**15.8**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0363**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0441**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.239**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.118**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.194**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**1.05**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*104%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*110%*		*75 - 125 %*	*"*			*"*	
BRI0393-05 (SVE-5)		**Air**				**Sampled: 09/25/08 10:25**				
Gasoline Range Hydrocarbons	NWTPH Modified	**1310**	-----	100	mg/m³ Air	10x	8I25055	09/25/08 15:45	09/26/08 14:35	
Gasoline Range Hydrocarbons (v/v)	"	**308**	-----	23.6	ppmv	"	"	"	"	
Benzene (v/v)	"	**1.83**	-----	0.308	"	"	"	"	"	
Toluene (v/v)	"	**1.72**	-----	0.261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**2.01**	-----	0.227	"	"	"	"	"	
Xylenes, total (v/v)	"	**1.74**	-----	0.454	"	"	"	"	"	
Benzene	"	**5.94**	-----	1.00	mg/m³ Air	"	"	"	"	
Toluene	"	**6.59**	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	**8.87**	-----	1.00	"	"	"	"	"	
Xylenes (total)	"	**7.66**	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*104%*		*70 - 150 %*	*1x*			*"*	
4-BFB (PID)			*108%*		*75 - 125 %*	*"*			*"*	

TestAmerica Seattle

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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	09/29/08 15:25

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
BRI0393-06 (SVE-6)		**Air**			**Sampled: 09/25/08 10:28**					
Gasoline Range Hydrocarbons	NWTPH Modified	**56.3**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 12:04	
Gasoline Range Hydrocarbons (v/v)	"	**13.3**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0642**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0657**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.208**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.290**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)		*82.4%*			*70 - 150 %*	"			"	
4-BFB (PID)		*104%*			*75 - 125 %*	"			"	
BRI0393-07 (SVE-7)		**Air**			**Sampled: 09/25/08 10:30**					
Gasoline Range Hydrocarbons	NWTPH Modified	**148**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 12:34	
Gasoline Range Hydrocarbons (v/v)	"	**34.9**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.466**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0758**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0475**	-----	0.0454	"	"	"	"	"	
Benzene	"	**1.51**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.290**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.210**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)		*85.3%*			*70 - 150 %*	"			"	
4-BFB (PID)		*107%*			*75 - 125 %*	"			"	
BRI0393-08 (SVE-8)		**Air**			**Sampled: 09/25/08 11:27**					
Gasoline Range Hydrocarbons	NWTPH Modified	**615**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 13:05	
Gasoline Range Hydrocarbons (v/v)	"	**145**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**1.43**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.788**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.140**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0748**	-----	0.0454	"	"	"	"	"	
Benzene	"	**4.63**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**3.02**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.617**	-----	0.100	"	"	"	"	"	

TestAmerica Seattle

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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	09/29/08 15:25

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
BRI0393-08 (SVE-8)		**Air**				**Sampled: 09/25/08 11:27**				
Xylenes (total)	NWTPH Modified	**0.330**	-----	0.200	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 13:05	
Surrogate(s): 4-BFB (FID)			*97.3%*		*70 - 150 %*	"			"	
4-BFB (PID)			*101%*		*75 - 125 %*	"			"	
BRI0393-09 (SVE-9)		**Air**				**Sampled: 09/25/08 10:57**				
Gasoline Range Hydrocarbons	NWTPH Modified	**19.8**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 13:35	
Gasoline Range Hydrocarbons (v/v)	"	**4.67**	-----	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)			*88.7%*		*70 - 150 %*	"			"	
4-BFB (PID)			*113%*		*75 - 125 %*	"			"	
BRI0393-10 (TSVE10/MW66)		**Air**				**Sampled: 09/25/08 11:02**				
Gasoline Range Hydrocarbons	NWTPH Modified	**991**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 03:20	
Gasoline Range Hydrocarbons (v/v)	"	**233**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.668**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**1.78**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.290**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.132**	-----	0.0454	"	"	"	"	"	
Benzene	"	**2.17**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**6.79**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**1.28**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.581**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*112%*		*70 - 150 %*	"			"	
4-BFB (PID)			*102%*		*75 - 125 %*	"			"	

TestAmerica Seattle

Sandra Yakamavich

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	09/29/08 15:25

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
BRI0393-11 (TSVE11/MW67)		**Air**			**Sampled: 09/25/08 11:05**					
Gasoline Range Hydrocarbons	NWTPH Modified	**44.5**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 02:20	
Gasoline Range Hydrocarbons (v/v)	"	**10.5**	-----	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)	"	**0.0497**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.219**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*89.2%*		*70 - 150 %*	"			"	
4-BFB (PID)			*113%*		*75 - 125 %*	"			"	
BRI0393-12 (TSVE12/MW68)		**Air**			**Sampled: 09/25/08 11:08**					
Gasoline Range Hydrocarbons	NWTPH Modified	**30.1**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 02:50	
Gasoline Range Hydrocarbons (v/v)	"	**7.09**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.179**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0298**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0704**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.582**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.114**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.310**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*88.3%*		*70 - 150 %*	"			"	
4-BFB (PID)			*110%*		*75 - 125 %*	"			"	
BRI0393-13 (A3)		**Air**			**Sampled: 09/25/08 12:45**					
Gasoline Range Hydrocarbons	NWTPH Modified	**70.9**	-----	10.0	mg/m³ Air	1x	8I25055	09/25/08 15:45	09/26/08 14:05	
Gasoline Range Hydrocarbons (v/v)	"	**16.7**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0385**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0987**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.147**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.435**	-----	0.200	"	"	"	"	"	

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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	09/29/08 15:25

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
BRI0393-13 (A3)		**Air**			**Sampled: 09/25/08 12:45**					
Surrogate(s): 4-BFB (FID)		*87.1%*			*70 - 150 %*	*1x*			*09/26/08 14:05*	
4-BFB (PID)		*110%*			*75 - 125 %*	*"*			*"*	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	09/29/08 15:25

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

TestAmerica Seattle

QC Batch: 8I25055 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8I25055-BLK1)							**Extracted: 09/25/08 15:45**							
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	--	--	--	--	--	--	09/25/08 20:30	
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	"	"	--	--	--	--	--	--	"	
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)		*Recovery: 87.7%*			*Limits: 70-150%*	"							*09/25/08 20:30*	
4-BFB (PID)		*105%*			*75-125%*	"							"	
LCS (8I25055-BS1)							**Extracted: 09/25/08 15:45**							
Gasoline Range Hydrocarbons	NWTPH Modified	62.9	---	10.0	mg/m³ Air	1x	--	100	62.9%	(50-150)	--	--	09/25/08 17:57	
Surrogate(s): 4-BFB (FID)		*Recovery: 87.4%*			*Limits: 70-150%*	"							*09/25/08 17:57*	
LCS (8I25055-BS2)							**Extracted: 09/25/08 15:45**							
Benzene	NWTPH Modified	2.20	---	0.100	mg/m³ Air	1x	--	2.00	110%	(50-150)	--	--	09/25/08 18:57	
Toluene	"	2.25	---	0.100	"	"	--	"	113%	"	--	--	"	
Ethylbenzene	"	2.18	---	0.100	"	"	--	"	109%	"	--	--	"	
Xylenes (total)	"	6.54	---	0.200	"	"	--	6.00	109%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 111%*			*Limits: 75-125%*	"							*09/25/08 18:57*	
LCS Dup (8I25055-BSD1)							**Extracted: 09/25/08 15:45**							
Gasoline Range Hydrocarbons	NWTPH Modified	60.7	---	10.0	mg/m³ Air	1x	--	100	60.7%	(50-150)	3.45%	(50)	09/25/08 18:27	
Surrogate(s): 4-BFB (FID)		*Recovery: 82.4%*			*Limits: 70-150%*	"							*09/25/08 18:27*	
LCS Dup (8I25055-BSD2)							**Extracted: 09/25/08 15:45**							
Benzene	NWTPH Modified	2.28	---	0.100	mg/m³ Air	1x	--	2.00	114%	(50-150)	3.72%	(50)	09/25/08 19:27	
Toluene	"	2.28	---	0.100	"	"	--	"	114%	"	1.37%	"	"	
Ethylbenzene	"	2.28	---	0.100	"	"	--	"	114%	"	4.53%	"	"	
Xylenes (total)	"	6.78	---	0.200	"	"	--	6.00	113%	"	3.56%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 112%*			*Limits: 75-125%*	"							*09/25/08 19:27*	

TestAmerica Seattle

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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	09/29/08 15:25

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

TestAmerica Seattle

QC Batch: 8I25055 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8I25055-DUP1)					**QC Source: BRI0392-01**				**Extracted: 09/25/08 15:45**					
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	ND	---	2.36	ppmv	1x	ND	--	--	--	0.0238%	(30)	09/25/08 21:48	
Gasoline Range Hydrocarbons	"	ND	---	10.0	mg/m³ Air	"	ND	--	--	--	0.0238%	"	"	
Benzene (v/v)	"	ND	---	0.0308	ppmv	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--		"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--		"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--		"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--		"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.3%*			*Limits: 70-150%*	"							*09/25/08 21:48*	
4-BFB (PID)		*109%*			*75-125%*	"							"	
Duplicate (8I25055-DUP2)					**QC Source: BRI0392-03**				**Extracted: 09/25/08 15:45**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	ND	--	--	--	2.79%	(30)	09/26/08 00:49	
Gasoline Range Hydrocarbons (v/v)	"	ND	---	2.36	ppmv	"	ND	--	--	--	2.79%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	NR	"	"	
Toluene (v/v)	"	ND	---	0.0261	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	6.06%	"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	4.19%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	NR	"	"	
Toluene	"	ND	---	0.100	"	"	ND	--	--	--	NR	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	6.06%	"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	4.19%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 85.7%*			*Limits: 70-150%*	"							*09/26/08 00:49*	
4-BFB (PID)		*111%*			*75-125%*	"							"	

TestAmerica Seattle

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	09/29/08 15:25

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRI0393

CLIENT: CP

INVOICE TO: SAME

REPORT TO: JEN YOTE
ADDRESS: 12034 134th ct SUITE 102 REDMOND, WA
PHONE: 425-372-1600 FAX: 425-372-1650

P.O. NUMBER:

PROJECT NAME: 01CP.01396
PROJECT NUMBER:
SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: ~~10~~ STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPH-G	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SVE-1	9-25-08 @ 10:10		X	X	AIR	1	1396	WA-01
2	-2	10:16		X	X		1		-02
3	-3	10:19		X	X		1		-03
4	-4	10:22		X	X		1		-04
5	-5	10:25		X	X		1		-05
6	-6	10:28		X	X		1		-06
7	-7	10:30		X	X		1		-07
8	-8	11:27		X	X		1		-08
9	SVE-9	10:57		X	X		1		-09
10	TSVE10 | MW66	9-25-08 @ 11:02		X	X	AIR	1	1396	WA-10

RELEASED BY:
PRINT NAME: L. RAWLINS FIRM: STANTEC DATE: 9-25-08 TIME: 1415

RECEIVED BY: Colette Weaver
PRINT NAME: Colette Weaver FIRM: TAL Seattle DATE: 09.25.08 TIME: 1415

RELEASED BY:
PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP: 21.4c W/O

PAGE OF

TAL-1000(0408)

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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRI0393

CLIENT: CP

REPORT TO: JEN YOTZ
ADDRESS: 12034 134th ct SUITE 102 REDMOND, WA
PHONE: 425-372-1600 FAX: 425-372-1650

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME:

PROJECT NUMBER:

SAMPLED BY:

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: [X] STD. [7] [5] [4] [3] [2] [1] [<1]

Petroleum Hydrocarbon Analyses: [5] STD. [4] [3] [2] [1] [<1]

[OTHER] Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: 8260	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	TSVE11/MW67	9-25-08 @ 11:05		X	X	AIR	1	1396	WA-11
2	TSVE12/MW68	↓ @ 11:08		X	X	↓	1	1396	WA-12
3	AW A3	9-25-08 @ 12:45		X	X	AIR	1	1396	WA-13
4									
5									
6									
7									
8									
9									
10									

RELEASED BY: PRINT NAME: L. RAWLINS FIRM: STANTEC DATE: 9-25-08 TIME: 14:15

RECEIVED BY: Colette Weaver PRINT NAME: Colette Weaver FIRM: TAL Seattle DATE: 09-25-08 TIME: 1415

RELEASED BY: PRINT NAME: FIRM: DATE: TIME:

RECEIVED BY: PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

PAGE OF

TAL-1000(0408)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle Y or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)	**Logged-in By:**	**Unpacked/Labeled By:**	***Cooler ID:*** _____
Date: 09.25.08	Date: 09.25	Date: 09.25	Work Order No. BRI0393
Time: 1415	Time: 1427	Time: 1427	Client: Stantec
Initials: CW	Initials: CW	Initials: CW	Project: _____

Container Type:
____ Cooler
____ Box
X None/Other _____

COC Seals:
____ Ship Container _____ Sign By
____ On Bottles _____ Date
X None

Packing Material:
____ Bubble Bags ____ Styrofoam
____ Foam Packs
X None/Other _____

Refrigerant:
____ Gel Ice Pack _____
____ Loose Ice _____
X None/Other _____

Received Via: Bill# _____
____ Fed Ex X Client
____ UPS ____ TA Courier
____ DHL ____ Mid Valley
____ Senvoy ____ TDP
____ GS ____ Other_____

Cooler Temperature (*IR*): 21.4 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? _____°C or NA Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	Y or N	_____	Metals Preserved?	Y or N or NA	_____
Provided by TA?	Y or N	_____	Client QAPP Preserved?	Y or N or NA	_____
Correct Type?	Y or N	_____	Adequate Volume? (for tests requested)	Y or N	_____
#Containers match COC?	Y or N	_____	Water VOAs: Headspace?	Y or N or NA	_____
IDs/time/date match COC?	Y or N	_____	Comments:		
Hold Times in hold?	Y or N	_____	_____		

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N
Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____

(rev 4, 01/24/07)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

October 22, 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 10/14/08 15:00. The following list is a summary of the Work Orders contained in this report, generated on 10/22/08 13:54.

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

Work Order	Project	ProjectNumber
BRJ0200	5353 Westlake EFR	O1CP.01396.42

TestAmerica Seattle

Kate Haney, Project Manager

TestAmerica
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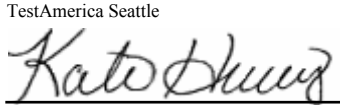
SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	10/22/08 13:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TOTAL EFF	BRJ0200-01	Air	10/14/08 07:55	10/14/08 15:00
MID	BRJ0200-02	Air	10/14/08 08:00	10/14/08 15:00
TOTAL INF	BRJ0200-03	Air	10/14/08 08:05	10/14/08 15:00
SVE 2	BRJ0200-05	Air	10/14/08 08:35	10/14/08 15:00
SVE 3	BRJ0200-06	Air	10/14/08 08:38	10/14/08 15:00
SVE 4	BRJ0200-07	Air	10/14/08 08:45	10/14/08 15:00
SVE 5	BRJ0200-08	Air	10/14/08 08:47	10/14/08 15:00
SVE 6	BRJ0200-09	Air	10/14/08 08:51	10/14/08 15:00
SVE 7	BRJ0200-10	Air	10/14/08 08:56	10/14/08 15:00
SVE 8	BRJ0200-11	Air	10/14/08 09:00	10/14/08 15:00
SVE 9	BRJ0200-12	Air	10/14/08 09:05	10/14/08 15:00
TSVE 10/MW66	BRJ0200-13	Air	10/14/08 09:09	10/14/08 15:00
TSVE 11/MW67	BRJ0200-14	Air	10/14/08 09:13	10/14/08 15:00
TSVE 12/MW68	BRJ0200-15	Air	10/14/08 09:17	10/14/08 15:00

TestAmerica Seattle



Kate Haney, Project Manager

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	10/22/08 13:54

Analytical Case Narrative

TestAmerica - Seattle, WA

BRJ0200

Laboratory sample BRJ0200-04 (SVE1) was received flat at the laboratory and was unable to be analyzed for NWTPH-G/BTEX analysis. There are no results for this sample in the enclosed report.

TestAmerica Seattle

Kate Haney, Project Manager

TestAmerica
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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	10/22/08 13:54

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
BRJ0200-01 (TOTAL EFF)		**Air**			**Sampled: 10/14/08 07:55**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 13:30	
Gasoline Range Hydrocarbons (v/v)	"	ND	-----	2.36	ppmv	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*70.7%*		*70 - 150 %*	"			"	
4-BFB (PID)			*98.3%*		*75 - 125 %*	"			"	
BRJ0200-02 (MID)		**Air**			**Sampled: 10/14/08 08:00**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 14:01	
Gasoline Range Hydrocarbons (v/v)	"	ND	-----	2.36	ppmv	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*81.7%*		*70 - 150 %*	"			"	
4-BFB (PID)			*101%*		*75 - 125 %*	"			"	
BRJ0200-03 (TOTAL INF)		**Air**			**Sampled: 10/14/08 08:05**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 14:31	
Gasoline Range Hydrocarbons (v/v)	"	ND	-----	2.36	ppmv	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*74.3%*		*70 - 150 %*	"			"	
4-BFB (PID)			*106%*		*75 - 125 %*	"			"	
BRJ0200-05 (SVE 2)		**Air**			**Sampled: 10/14/08 08:35**					
Gasoline Range Hydrocarbons	NWTPH Modified	**214**	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 15:31	
Gasoline Range Hydrocarbons (v/v)	"	**50.5**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**1.35**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.205**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.106**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.226**	-----	0.0454	"	"	"	"	"	
Benzene	"	**4.37**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.784**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.469**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.998**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*114%*		*70 - 150 %*	"			"	
4-BFB (PID)			*95.1%*		*75 - 125 %*	"			"	

TestAmerica Seattle

Kate Haney, Project Manager

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PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	10/22/08 13:54

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
BRJ0200-06 (SVE 3)		**Air**				**Sampled: 10/14/08 08:38**				
Gasoline Range Hydrocarbons	NWTPH Modified	**9290**	-----	100	mg/m³ Air	10x	8J16007	10/16/08 08:55	10/16/08 16:01	
Gasoline Range Hydrocarbons (v/v)	"	**2190**	-----	23.6	ppmv	"	"	"	"	
Benzene (v/v)	"	**5.49**	-----	0.308	"	"	"	"	"	
Toluene (v/v)	"	**16.1**	-----	0.261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**8.54**	-----	0.227	"	"	"	"	"	
Xylenes, total (v/v)	"	**74.8**	-----	0.454	"	"	"	"	"	
Benzene	"	**17.8**	-----	1.00	mg/m³ Air	"	"	"	"	
Toluene	"	**61.5**	-----	1.00	"	"	"	"	"	
Ethylbenzene	"	**37.7**	-----	1.00	"	"	"	"	"	
Xylenes (total)	"	**330**	-----	2.00	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*149%*		*70 - 150 %*	*1x*			*"*	
4-BFB (PID)			*98.2%*		*75 - 125 %*	*"*			*"*	
BRJ0200-07 (SVE 4)		**Air**				**Sampled: 10/14/08 08:45**				
Gasoline Range Hydrocarbons	NWTPH Modified	**28.6**	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 15:01	
Gasoline Range Hydrocarbons (v/v)	"	**6.74**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	ND	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0306**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0383**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.309**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.117**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.169**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**1.36**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*90.1%*		*70 - 150 %*	*"*			*"*	
4-BFB (PID)			*96.7%*		*75 - 125 %*	*"*			*"*	
BRJ0200-08 (SVE 5)		**Air**				**Sampled: 10/14/08 08:47**				
Gasoline Range Hydrocarbons	NWTPH Modified	**839**	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 21:44	
Gasoline Range Hydrocarbons (v/v)	"	**198**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**1.53**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**1.69**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.424**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.989**	-----	0.0454	"	"	"	"	"	
Benzene	"	**4.97**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**6.47**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**1.87**	-----	0.100	"	"	"	"	"	

TestAmerica Seattle

Kate Haney, Project Manager

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THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	10/22/08 13:54

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
BRJ0200-08 (SVE 5)		**Air**				**Sampled: 10/14/08 08:47**				
Xylenes (total)	NWTPH Modified	**4.36**	-----	0.200	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 21:44	
Surrogate(s): 4-BFB (FID)			*136%*		*70 - 150 %*	"			"	
4-BFB (PID)			*109%*		*75 - 125 %*	"			"	
BRJ0200-09 (SVE 6)		**Air**				**Sampled: 10/14/08 08:51**				
Gasoline Range Hydrocarbons	NWTPH Modified	**13.3**	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 19:44	
Gasoline Range Hydrocarbons (v/v)	"	**3.14**	-----	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)	"	**0.0898**	-----	0.0454	"	"	"	"	"	
Benzene	"	ND	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.396**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*78.2%*		*70 - 150 %*	"			"	
4-BFB (PID)			*97.2%*		*75 - 125 %*	"			"	
BRJ0200-10 (SVE 7)		**Air**				**Sampled: 10/14/08 08:56**				
Gasoline Range Hydrocarbons	NWTPH Modified	**23.6**	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 20:14	
Gasoline Range Hydrocarbons (v/v)	"	**5.55**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0548**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	ND	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0567**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.178**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	ND	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.250**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*87.6%*		*70 - 150 %*	"			"	
4-BFB (PID)			*87.6%*		*75 - 125 %*	"			"	

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Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	10/22/08 13:54

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
BRJ0200-11 (SVE 8)		**Air**			**Sampled: 10/14/08 09:00**					
Gasoline Range Hydrocarbons	NWTPH Modified	**209**	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 22:15	
Gasoline Range Hydrocarbons (v/v)	"	**49.2**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.405**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.189**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0302**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0778**	-----	0.0454	"	"	"	"	"	
Benzene	"	**1.32**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.721**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.133**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.343**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*89.0%*		*70 - 150 %*	"			"	
4-BFB (PID)			*85.5%*		*75 - 125 %*	"			"	
BRJ0200-12 (SVE 9)		**Air**			**Sampled: 10/14/08 09:05**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 20:44	
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)			*83.0%*		*70 - 150 %*	"			"	
4-BFB (PID)			*98.6%*		*75 - 125 %*	"			"	
BRJ0200-13 (TSVE 10/MW66)		**Air**			**Sampled: 10/14/08 09:09**					
Gasoline Range Hydrocarbons	NWTPH Modified	**484**	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 22:45	
Gasoline Range Hydrocarbons (v/v)	"	**114**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**1.32**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.469**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	**0.0479**	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0535**	-----	0.0454	"	"	"	"	"	
Benzene	"	**4.27**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**1.79**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	**0.211**	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.236**	-----	0.200	"	"	"	"	"	

TestAmerica Seattle

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TestAmerica Seattle

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
BRJ0200-13 (TSVE 10/MW66)		**Air**			**Sampled: 10/14/08 09:09**					
Surrogate(s): 4-BFB (FID)			*84.8%*		*70 - 150 %*	"			"	
4-BFB (PID)			*93.7%*		*75 - 125 %*	"			"	
BRJ0200-14 (TSVE 11/MW67)		**Air**			**Sampled: 10/14/08 09:13**					
Gasoline Range Hydrocarbons	NWTPH Modified	**41.7**	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 21:15	
Gasoline Range Hydrocarbons (v/v)	"	**9.84**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.0638**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0435**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0673**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.207**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.167**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.297**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*91.8%*		*70 - 150 %*	"			"	
4-BFB (PID)			*94.0%*		*75 - 125 %*	"			"	
BRJ0200-15 (TSVE 12/MW68)		**Air**			**Sampled: 10/14/08 09:17**					
Gasoline Range Hydrocarbons	NWTPH Modified	**30.5**	-----	10.0	mg/m³ Air	1x	8J16007	10/16/08 08:55	10/16/08 23:15	
Gasoline Range Hydrocarbons (v/v)	"	**7.20**	-----	2.36	ppmv	"	"	"	"	
Benzene (v/v)	"	**0.158**	-----	0.0308	"	"	"	"	"	
Toluene (v/v)	"	**0.0475**	-----	0.0261	"	"	"	"	"	
Ethylbenzene (v/v)	"	ND	-----	0.0227	"	"	"	"	"	
Xylenes, total (v/v)	"	**0.0595**	-----	0.0454	"	"	"	"	"	
Benzene	"	**0.512**	-----	0.100	mg/m³ Air	"	"	"	"	
Toluene	"	**0.182**	-----	0.100	"	"	"	"	"	
Ethylbenzene	"	ND	-----	0.100	"	"	"	"	"	
Xylenes (total)	"	**0.262**	-----	0.200	"	"	"	"	"	
Surrogate(s): 4-BFB (FID)			*85.6%*		*70 - 150 %*	"			"	
4-BFB (PID)			*89.8%*		*75 - 125 %*	"			"	

TestAmerica Seattle

Kate Haney, Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
BOTHELL, WA 98011-8244
PH: (425) 420.9200 FAX: (425) 420.9210

Stantec	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	10/22/08 13:54

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

TestAmerica Seattle

QC Batch: 8J16007 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (8J16007-BLK1)									**Extracted: 10/16/08 08:55**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	--	--	--	--	--	--	10/16/08 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	"	"	--	--	--	--	--	--	"	
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)		*Recovery: 80.5%*			*Limits: 70-150%*	"							*10/16/08 12:46*	
4-BFB (PID)		*95.3%*			*75-125%*	"							*"*	
LCS (8J16007-BS1)									**Extracted: 10/16/08 08:55**					
Gasoline Range Hydrocarbons	NWTPH Modified	70.9	---	10.0	mg/m³ Air	1x	--	100	70.9%	(50-150)	--	--	10/17/08 03:46	
Surrogate(s): 4-BFB (FID)		*Recovery: 83.7%*			*Limits: 70-150%*	"							*10/17/08 03:46*	
LCS (8J16007-BS2)									**Extracted: 10/16/08 08:55**					
Benzene	NWTPH Modified	1.86	---	0.100	mg/m³ Air	1x	--	2.00	92.9%	(50-150)	--	--	10/17/08 04:46	
Toluene	"	1.90	---	0.100	"	"	--	"	94.8%	"	--	--	"	
Ethylbenzene	"	1.83	---	0.100	"	"	--	"	91.4%	"	--	--	"	
Xylenes (total)	"	5.45	---	0.200	"	"	--	6.00	90.9%	"	--	--	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 101%*			*Limits: 75-125%*	"							*10/17/08 04:46*	
LCS Dup (8J16007-BSD1)									**Extracted: 10/16/08 08:55**					
Gasoline Range Hydrocarbons	NWTPH Modified	66.9	---	10.0	mg/m³ Air	1x	--	100	66.9%	(50-150)	5.81%	(50)	10/17/08 04:16	
Surrogate(s): 4-BFB (FID)		*Recovery: 85.3%*			*Limits: 70-150%*	"							*10/17/08 04:16*	
LCS Dup (8J16007-BSD2)									**Extracted: 10/16/08 08:55**					
Benzene	NWTPH Modified	2.26	---	0.100	mg/m³ Air	1x	--	2.00	113%	(50-150)	19.5%	(50)	10/17/08 05:16	
Toluene	"	2.41	---	0.100	"	"	--	"	120%	"	23.8%	"	"	
Ethylbenzene	"	2.21	---	0.100	"	"	--	"	110%	"	18.9%	"	"	
Xylenes (total)	"	6.65	---	0.200	"	"	--	6.00	111%	"	19.8%	"	"	
Surrogate(s): 4-BFB (PID)		*Recovery: 103%*			*Limits: 75-125%*	"							*10/17/08 05:16*	

TestAmerica Seattle

Kate Haney, Project Manager

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SEATTLE, WA 11720 NORTH CREEK PKWY N, SUITE 400
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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	10/22/08 13:54

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

TestAmerica Seattle

QC Batch: 8J16007 **Air Preparation Method: EPA 5030B (P/T)**

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Duplicate (8J16007-DUP1)					**QC Source: BRJ0210-03**				**Extracted: 10/16/08 08:55**					
Gasoline Range Hydrocarbons (v/v)	NWTPH Modified	12.3	---	2.36	ppmv	1x	12.2	--	--	--	0.752%	(30)	10/17/08 02:45	
Gasoline Range Hydrocarbons	"	52.1	---	10.0	mg/m³ Air	"	51.7	--	--	--	0.752%	"	"	
Benzene (v/v)	"	0.0316	---	0.0308	ppmv	"	0.0350	--	--	--	10.2%	"	"	
Toluene (v/v)	"	0.0544	---	0.0261	"	"	0.0651	--	--	--	17.9%	"	"	
Ethylbenzene (v/v)	"	0.0471	---	0.0227	"	"	0.0446	--	--	--	5.44%	"	"	
Xylenes, total (v/v)	"	0.0690	---	0.0454	"	"	0.0685	--	--	--	0.726%	"	"	
Benzene	"	0.102	---	0.100	mg/m³ Air	"	0.113	--	--	--	10.2%	"	"	
Toluene	"	0.208	---	0.100	"	"	0.249	--	--	--	17.9%	"	"	
Ethylbenzene	"	0.208	---	0.100	"	"	0.197	--	--	--	5.44%	"	"	
Xylenes (total)	"	0.304	---	0.200	"	"	0.302	--	--	--	0.726%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 99.4%*			*Limits: 70-150%*	"							*10/17/08 02:45*	
4-BFB (PID)		*95.4%*			*75-125%*	"							"	
Duplicate (8J16007-DUP2)					**QC Source: BRJ0210-01**				**Extracted: 10/16/08 08:55**					
Gasoline Range Hydrocarbons	NWTPH Modified	ND	---	10.0	mg/m³ Air	1x	10.0	--	--	--	6.28%	(30)	10/17/08 03:16	
Gasoline Range Hydrocarbons (v/v)	"	ND	---	2.36	ppmv	"	2.37	--	--	--	6.28%	"	"	
Benzene (v/v)	"	ND	---	0.0308	"	"	ND	--	--	--	35.6%	"	"	R4
Toluene (v/v)	"	0.0261	---	0.0261	"	"	0.0265	--	--	--	1.59%	"	"	
Ethylbenzene (v/v)	"	ND	---	0.0227	"	"	ND	--	--	--	6.43%	"	"	
Xylenes, total (v/v)	"	ND	---	0.0454	"	"	ND	--	--	--	10.1%	"	"	
Benzene	"	ND	---	0.100	mg/m³ Air	"	ND	--	--	--	35.6%	"	"	R4
Toluene	"	0.100	---	0.100	"	"	0.102	--	--	--	1.59%	"	"	
Ethylbenzene	"	ND	---	0.100	"	"	ND	--	--	--	6.43%	"	"	
Xylenes (total)	"	ND	---	0.200	"	"	ND	--	--	--	10.1%	"	"	
Surrogate(s): 4-BFB (FID)		*Recovery: 86.4%*			*Limits: 70-150%*	"							*10/17/08 03:16*	
4-BFB (PID)		*99.2%*			*75-125%*	"							"	

TestAmerica Seattle

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Stantec	Project Name:	**5353 Westlake EFR**	
PO Box 230, 12034 - (134th Ct NE Ste 102, zip 98052)	Project Number:	O1CP.01396.42	Report Created:
Redmond, WA/USA 98073	Project Manager:	Jennifer Yotz	10/22/08 13:54

CERTIFICATION SUMMARY

TestAmerica Seattle

Method	Matrix	Nelac	Washington
NWTPH Modified	Air		

Any abnormalities or departures from sample acceptance policy shall be documented on the 'Sample Receipt and Temperature Log Form' and 'Sample Non-conformance Form' (if applicable) included with this report.

For information concerning certifications of this facility or another TestAmerica facility, please visit our website at www.TestAmericaInc.com

Samples collected by TestAmerica Field Services personnel are noted on the Chain of Custody (COC) .

TestAmerica Seattle

Kate Haney, Project Manager

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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.

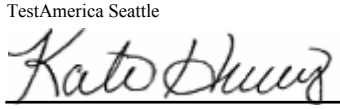
MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.

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 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 *Electronic Reporting and Electronic Signatures Policy.* 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, Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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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

CHAIN OF CUSTODY REPORT

Work Order #: BRJ0200

CLIENT: CP

INVOICE TO: SAME

REPORT TO: JEN YOTZ
ADDRESS: 12034 134th CT NE SUITE 102 REDMOND, WA 98052
PHONE: 425-372 1600 FAX: 425 372 1650

P.O. NUMBER:

PROJECT NAME: 5353 WESTLAKE
PROJECT NUMBER: 01CP-01396.42
SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: 10 STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses: 5 STD. | 4 | 3 | 2 | 1 | <1

OTHER Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE	REQUESTED ANALYSES: TPH-g	REQUESTED ANALYSES: BTEX	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	TOTAL EFF	10/14/08 @ 755		X		AIR	1	1396	WA-01
2	MID	800		X			1		-02
3	TOTAL INF	805		X			1		-03
4	SVE 1	830		X	X		1		-04
5	SVE 2	835		X	X		1		-05
6	SVE 3	838		X	X		1		-06
7	SVE 4	845		X	X		1		-07
8	SVE 5	847		X	X		1		-08
9	SVE 6	851		X	X		1		-09
10	SVE 7	10/14/08 856		X	X	AIR	1	1396	WA-10

RELEASED BY:		DATE: 10/14/08	RECEIVED BY: Cathy Gamble	DATE: 10/14/08	
PRINT NAME: L. RAWLINS	FIRM: STANTEC	TIME: 1510	PRINT NAME: Cathy Gamble	FIRM: TA-Sea	TIME: 15:00
RELEASED BY:		DATE:	RECEIVED BY:	DATE:	
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME:

ADDITIONAL REMARKS:

TEMP: 20.9C W/O

PAGE OF

TAL-1000(0408)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244 425-420-9200 FAX 420-9210
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2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119 907-563-9200 FAX 563-9210

CHAIN OF CUSTODY REPORT

Work Order #: BRJ0200

CLIENT: CP

REPORT TO: JEN YOTZ
ADDRESS: 12034 134th CT NE SUITE 102
REDMOND, WA 98052

PHONE: 425 372 1600 FAX: 425 372 1650

INVOICE TO: SAME

P.O. NUMBER:

PROJECT NAME: 5353

PROJECT NUMBER: 01CP.01396.42

SAMPLED BY: L. RAWLINS

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: [X] STD. [10] [7] [5] [4] [3] [2] [1] [<1]

Petroleum Hydrocarbon Analyses: [5] STD. [4] [3] [2] [1] [<1]

[OTHER] Specify:

* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	PRESERVATIVE: TPH-D	REQUESTED ANALYSES: NWTPH-Dx	MATRIX (W, S, O)	# OF CONT.	LOCATION/ COMMENTS	TA WO ID
1	SVE 8	10/14/08 @ 900	X	X	AIR	1	1396	WA-11
2	SVE 9	905	X	X		1		-12
3	TSVE 10/MW66	907	X	X		1		-13
4	TSVE 11/MW67	913	X	X		1		-14
5	TSVE 12/MW68	10/14/08 917	X	X	AIR	1	1396	WA-15
6								
7								
8								
9								
10								

RELEASED BY:		DATE: 10/14/08	RECEIVED BY: Cathy Gamble		DATE: 10/14/08
PRINT NAME: L. RAWLINS	FIRM: STANTEC	TIME: 15:10	PRINT NAME: Cathy Gamble	FIRM: TA-Sea	TIME: 15:00
RELEASED BY:		DATE:	RECEIVED BY:		DATE:
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME:

ADDITIONAL REMARKS:

TEMP:

PAGE OF

TAL-1000(0408)

TAT: _____ Paperwork to PM – Date:_____ Time:_____ Non-Conformances?

Page Time & Initials:_____ Circle (Y) or N

(If Y, see other side)

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)	**Logged-in By:**	**Unpacked/Labeled By:**	***Cooler ID:*** _____
Date: 10.14.08	Date: 10.14	Date: 10.14	Work Order No. BRJ0200
Time: 1500	Time: 1544	Time: 1554	Client: Stantec
Initials: CG	Initials: CW	Initials: CW	Project: _____

Container Type:
- ____ Cooler
- ____ Box
- X None/Other _____

COC Seals:
- ____ Ship Container ____ Sign By
- ____ On Bottles ____ Date
- X None

Packing Material:
- ____ Bubble Bags ____ Styrofoam
- ____ Foam Packs
- X None/Other _____

Refrigerant:
- ____ Gel Ice Pack _____
- ____ Loose Ice _____
- X None/Other _____

Received Via: Bill#_____
- ____ Fed Ex X Client
- ____ UPS ____ TA Courier
- ____ DHL ____ Mid Valley
- ____ Senvoy ____ TDP
- ____ GS ____ Other_____

Cooler Temperature (*IR*): 20.9 °C Plastic Glass (Frozen filters, Tedlars and aqueous Metals exempt)
(circle one)

Temperature Blank? _____°C or NA Trip Blank? Y or N or NA

BP, OPLC,ARCO-Temperature monitoring every 15 minutes:
(initial/date/time):_____
Comments:_____

Sample Containers:		ID			ID
Intact?	Y or (N)	_____	Metals Preserved?	Y or N or NA	_____
Provided by TA?	(Y) or N	_____	Client QAPP Preserved?	Y or N or NA	_____
Correct Type?	(Y) or N	_____	Adequate Volume? (for tests requested)	W (Y) or N	_____
#Containers match COC?	(Y) or N	_____	Water VOAs: Headspace?	Y or N or NA	_____
IDs/time/date match COC?	(Y) or N	_____	Comments:		
Hold Times in hold?	(Y) or N	_____	_____		

PROJECT MANAGEMENT

Is the Chain of Custody complete? Y or N If N, circle the items that were incomplete

Comments,Problems_____

_____

_____

_____

Total access set up? Y or N

Has client been contacted regarding non-conformances? Y or N If Y, ____/____ Date Time

PM Initials: _____ Date: _____ Time: _____