



SECOR  
INTERNATIONAL  
INCORPORATED

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12034 134th Court Northeast  
Suite 102  
Redmond, WA 98052  
425 372 1600 TEL  
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August 15, 2006

Mr. Jim Trotter  
ConocoPhillips Company  
1230 West Washington Street, Suite 212  
Tempe, Arizona 85281

RE: Supplemental Subsurface Investigation  
ConocoPhillips Site No. 2611065  
1111 17<sup>th</sup> Street Southeast, Auburn, Washington

Dear Mr. Trotter:

The following presents the results from the supplemental subsurface investigation performed by SECOR International, Inc. (SECOR) on April 19, 2006 at ConocoPhillips Facility No. 2611065, located at 1111 17<sup>th</sup> Street Southeast, Auburn, Washington (site).

The assessment was completed to further delineate hydrocarbon impacts situated beneath the former heating oil and used oil tanks and beneath the former canopy footing number 10 situated at the northwest corner of the current dispenser island pad.

### Site Description

The site is generally level, approximately 150 by 200 feet in size and is currently an operating service station with an attached automobile repair facility and convenience store. The site is located at the intersection of Auburn Way South, M Street Southeast, and 17<sup>th</sup> Street Southeast in Auburn, King County, Washington. The site is also described as being located in the northeast quarter of Section 19 of Township 21 North, Range 5 East of the Willamette Meridian. The site is located at an elevation of approximately 100 feet above mean sea level. The closest surface water body relative to the site is White Lake located approximately ½-mile northeast of the site.

Current site features consist of three gasoline underground storage tanks (USTs) with associated pump islands and canopy, and a convenience store. Former site features included seven USTs all of which have been removed. The former tanks consisted of two 550-gallon heating oil USTs, a 550-gallon used oil UST, a 285-gallon used oil UST, two 10,000-gallon gasoline USTs, and one 4,000-gallon gasoline UST. Current and former site features are presented on Figure 2.

### Background

An independent cleanup was completed in October 1998. The cleanup addressed areas of concern (AOCs) associated with recognized environmental conditions identified during intrusive and non-intrusive site assessments completed between July 1990 and October 1998. Previous investigations and independent cleanup conducted at the site consisted of the following:

- In June 1988, a limited subsurface exploration was performed prior to the decommissioning of the USTs to assess groundwater elevation, provide generalized soil descriptions, and to evaluate the presence of petroleum contamination using field screening techniques.
- In February 1989, a soil gas survey was completed to determine the possible presence and extent of subsurface hydrocarbon contamination at the site. Hydrocarbons were detected in the subsurface in the western corner of the property and in the area southeast of the pump islands.
- In July 1990, one 550-gallon heating oil UST and one 285-gallon used oil UST both of which were located on the western side of the property were removed and disposed. Soils were overexcavated to suspected limits of impact.
- In August 1990, removal and disposal of one 4,000-gallon UST and two 10,000-gallon USTs which were located near the center of the site was completed. Soils were overexcavated to suspected limits of impact and three new gasoline USTs were installed in the southwestern corner of the property.
- In August 1990, soil excavation around the canopy footings located beneath the former pump islands in the northern portion of the site was conducted. Petroleum impacted soils were observed in the vicinity of the canopy footings with some known impacted soils left in place.
- In April 1993, two monitoring wells, one vapor extraction/monitoring well, and three vapor observation wells were installed at the site. A vapor extraction feasibility study was conducted. Total petroleum hydrocarbons as diesel and lead were detected in soils at concentrations less than their respective cleanup criteria.
- In August 1998, one 550-gallon heating oil UST and one 550-gallon used oil UST were decommissioned from a single excavation near the southwestern corner of the station building. No detected analyte concentrations exceeded the Model Toxics Control Act Method A Cleanup levels (MTCA A), with the exception of oil-range petroleum hydrocarbons, which were detected in one sample at a concentration greater than the MTCA A level in effect at the time the sample was collected. However, that concentration was less than the current MTCA A level.

Based on the current use of the site (retail gasoline station) and on the overall analytical results, SECOR requested a no further action finding under Ecology's Voluntary Cleanup Program (VCP) in June 2004. In their letter dated October 21, 2004, Ecology indicated that additional site characterization was necessary to support a no further action determination. Ecology requested collection of one soil sample at a depth of 8.5 to 9 feet below grade from the center area of the former heating oil and used oil tanks. Ecology further requested one soil sample be collected at 9 feet below grade from a boring located near former canopy footing number 10.

## **SCOPE OF WORK**

The scope of work, performed on April 19, 2006, included the advancement of two borings (SB-1 and SB-2) described in SECOR's work plan dated December 15, 2005. SB-1 was installed to 13 feet below grade. SB-2 was installed to only 7 feet below grade because refusal was encountered at that depth due to pea gravel in the boring.

Soil borings were chosen based on past environmental activities, field observations and the location of overhead and underground utilities. Selected soil samples collected from the borings were submitted for laboratory analysis.

## **FIELD ACTIVITIES**

Cascade Drilling Inc. (Cascade) provided drilling services and Applied Professional Services, Inc. (APS) provided private utility locating services. SECOR personnel were present during all phases of the fieldwork. Details regarding fieldwork are described as follows.

- Preparing a project-specific Health and Safety Plan (HASP);
- Marking the well locations, notifying the municipal Utility Notification Center, and hiring a private utility locator (APS) to identify any potential conflicts with existing underground utilities;
- Using an air wand and vacuum truck to clear the borings to 5 feet below grade;
- Advancing 2 borings at the locations shown on Figure 2;
- Collecting soil samples at approximate 5-foot intervals for purposes of logging subsurface conditions, field screening soil samples for organic vapors using a photo ionization detector (PID), and submitting selected soil samples for laboratory analysis; and
- Preparing a report of the site investigation activities.

## **Drilling and Sampling Activities**

Two borings were drilled at the locations shown on Figure 2. The borings were advanced using a hollow stem auger limited access rig. The borings were cleared to 5 feet using an air wand and vacuum truck prior to drilling.

During borehole advancement, soil samples were collected at 5 foot intervals from the ground surface through the total extent of the boring (or the total depth of refusal) for visual inspection, lithologic description, and field screening for the presence of volatile organic compounds. Augers and samplers were decontaminated between borings to prevent cross-contamination. Soil samples were obtained using a split-spoon sampler and collected directly into laboratory

Mr. Jim Trotter  
August 15, 2006  
Page 4 of 6

supplied jars. Soil samples collected for submission using EPA 5035A were collected using a laboratory supplied sampler and placed into laboratory supplied containers preserved with methanol. All soil samples were immediately placed in an iced cooler under chain-of-custody documentation pending transportation to the laboratory. All samples were uniquely labeled.

A portion of the recovered soil was placed into small, re-sealable plastic bags and vapors were allowed to equilibrate for approximately 10 minutes. A photo ionization detector (PID) was then used to monitor the vapors contained within the plastic bag for volatile organic compounds (VOCs). Results of these readings were recorded on the boring logs. The PID was equipped with an ultraviolet lamp of 10.8 electron volts (eV) and calibrated to a 100 parts per million isobutylene standard.

A physical description of the soil types encountered at each sampling location was recorded on boring logs in general accordance with the unified soil classification system (USCS). Boring logs are presented in Attachment A.

### **Subsurface Conditions**

Soils encountered during the drilling activities generally consisted of fine dark brown and tan silty sands with fine to medium rounded gravels and cobbles to the maximum drilled depth of 13 feet. Groundwater was not encountered in either borehole.

### **Soil Analytical Program**

The soil samples were submitted to Lancaster Laboratories, Inc. in Lancaster, Pennsylvania for chemical analysis. Chemical analysis consisted of total petroleum hydrocarbons as gasoline (TPH-g) by Northwest Method NWTPH-Gx and benzene, toluene, ethylbenzene and total xylenes (BTEX) by EPA Method 8021B for the samples collected from soil boring SB-1 in the vicinity of canopy footing number 10. Chemical analysis for the sample collected from soil boring SB-2 from the former heating and waste oil tank area included diesel- and oil-range petroleum hydrocarbons by Northwest Method NWTPH-Dx with silica gel cleanup.

### **Waste Management**

All soil cuttings and decon water generated during the drilling activities were stored in Department of Transportation (DOT)-approved, steel, 55-gallon drums. All drums were labeled and placed near the southwest corner of the building pending receipt of the sample analytical results. Based on analytical results, the soil and water were profiled and transported by a licensed waste hauler for disposal at Columbia Ridge Landfill in Arlington, Washington. The soil and water disposal documents are included in Attachment C.

## **ANALYTICAL TEST RESULTS**

The following summarizes the soil analytical laboratory test results:

- TPH-g and BTEX were not detected above the laboratory reporting limit (RL) in soil samples SB-1-2.5, SB-1-5 and SB-1-10.

- Diesel and oil range hydrocarbons were detected above the laboratory RLs in SB-2-5, however the concentrations did not exceed the MTCA Method A cleanup levels.

Laboratory results are summarized on Table 1. Results are also shown on Figure 3. Analytical laboratory reports and chain-of-custody documentation are included as Attachment B.

## CONCLUSIONS

SECOR completed a supplemental subsurface assessment on April 19, 2006 to further delineate hydrocarbon impacts situated beneath the former heating oil and used oil tanks and beneath the former canopy footing number 10 situated at the northwest corner of the dispenser island pad.

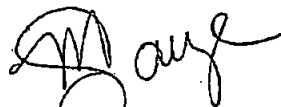
Results of the assessment indicated no soil impacts in the gasoline range were present in the area of the former canopy footing number 10 at 10 feet below grade. Soil impacts in the diesel and oil range were present in soils from this location but concentrations did not exceed the MTCA Method A cleanup levels. Delineation of soil impacts below 5 feet in the area of the former heating oil and used oil tanks has not been completed because refusal was encountered. Drilling in this location will be attempted using a larger rig in August 2006.

SECOR appreciates the opportunity to provide environmental consulting services to ConocoPhillips Company. If you have any questions regarding this investigation or wish to discuss the project in general, please contact the undersigned.

Sincerely,  
**SECOR International Incorporated**



Katlin Hanson  
Project Geologist



Marc Sauze  
Senior Project Manager

## **LIST OF FIGURES**

Figure 1 – Site Location Map  
Figure 2 – Site Plan with Boring Locations  
Figure 3 – Site Plan with Soil Analytical Results

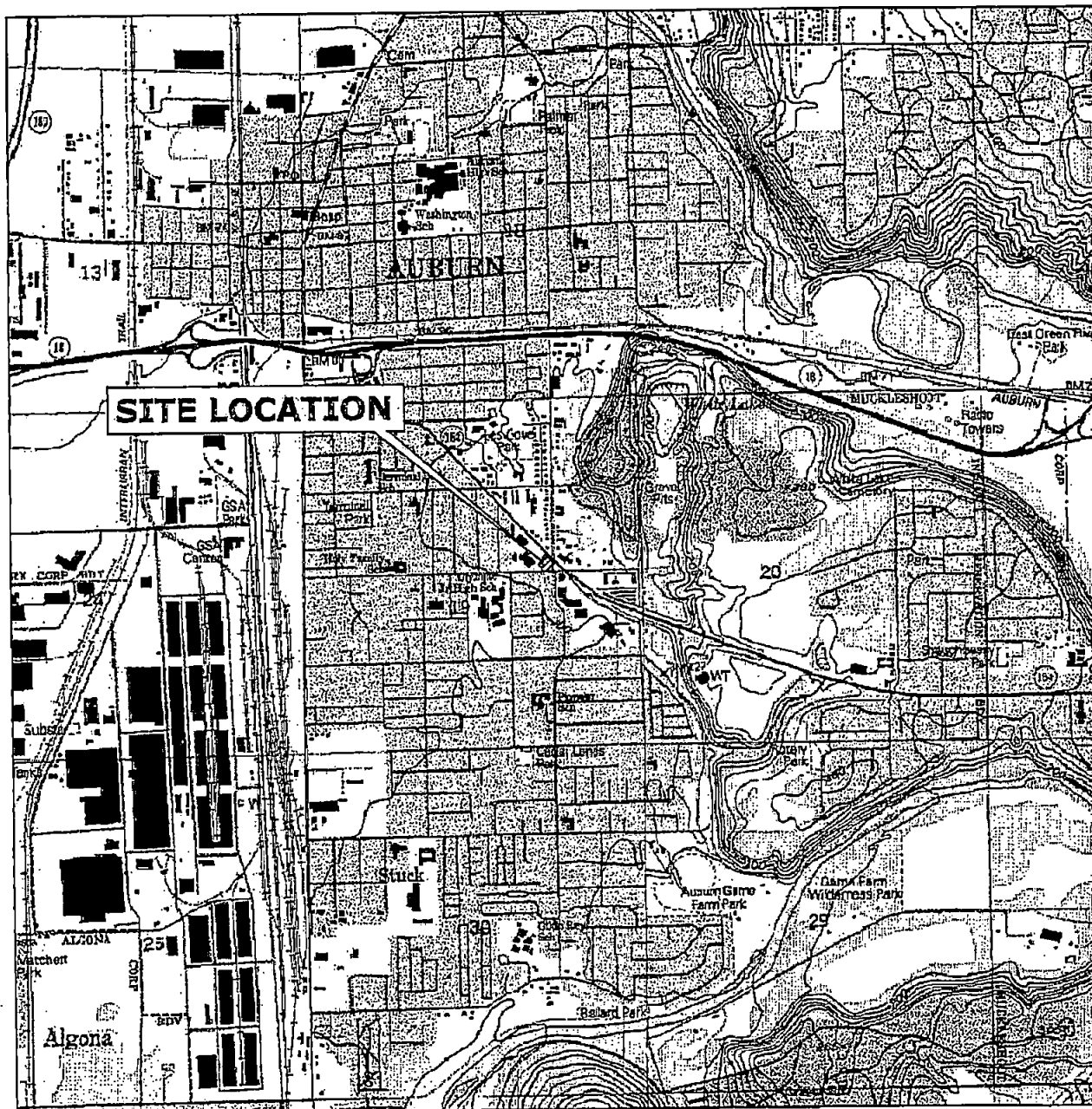
## **LIST OF TABLES**

Table 1 – Soil Analytical Results

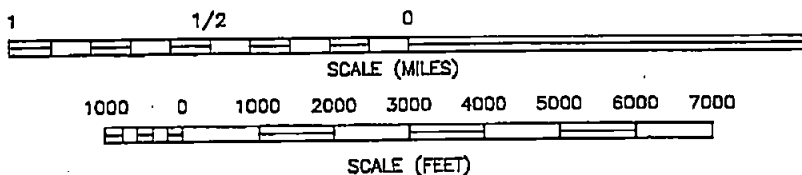
## **LIST OF ATTACHMENTS**

ATTACHMENT A	BORING AND WELL CONSTRUCTION LOGS
ATTACHMENT B	ANALYTICAL LABORATORY REPORT AND CHAIN OF CUSTODY DOCUMENTATION
ATTACHMENT C	SOIL DISPOSAL DOCUMENTS
ATTACHMENT D	HEALTH AND SAFETY DAILY TAILGATE MEETING SHEETS

## FIGURES



WASHINGTON



REFERENCE: USGS 7.5 MINUTE QUADRANGLE; AUBURN, WASHINGTON; 1994



12034 134th COURT NORTHEAST, SUITE 102  
REDMOND, WASHINGTON 98062  
PHONE: (425) 372-1500 FAX: (425) 372-1550

FOR:

**ConocoPhillips**

FACILITY NO. 2611065  
1111 17th STREET SE  
AUBURN, WASHINGTON

SITE LOCATION MAP

FIGURE:

1

JOB NUMBER:

01CP.01065.05

DRAWN BY:

CFS

CHECKED BY:

KH

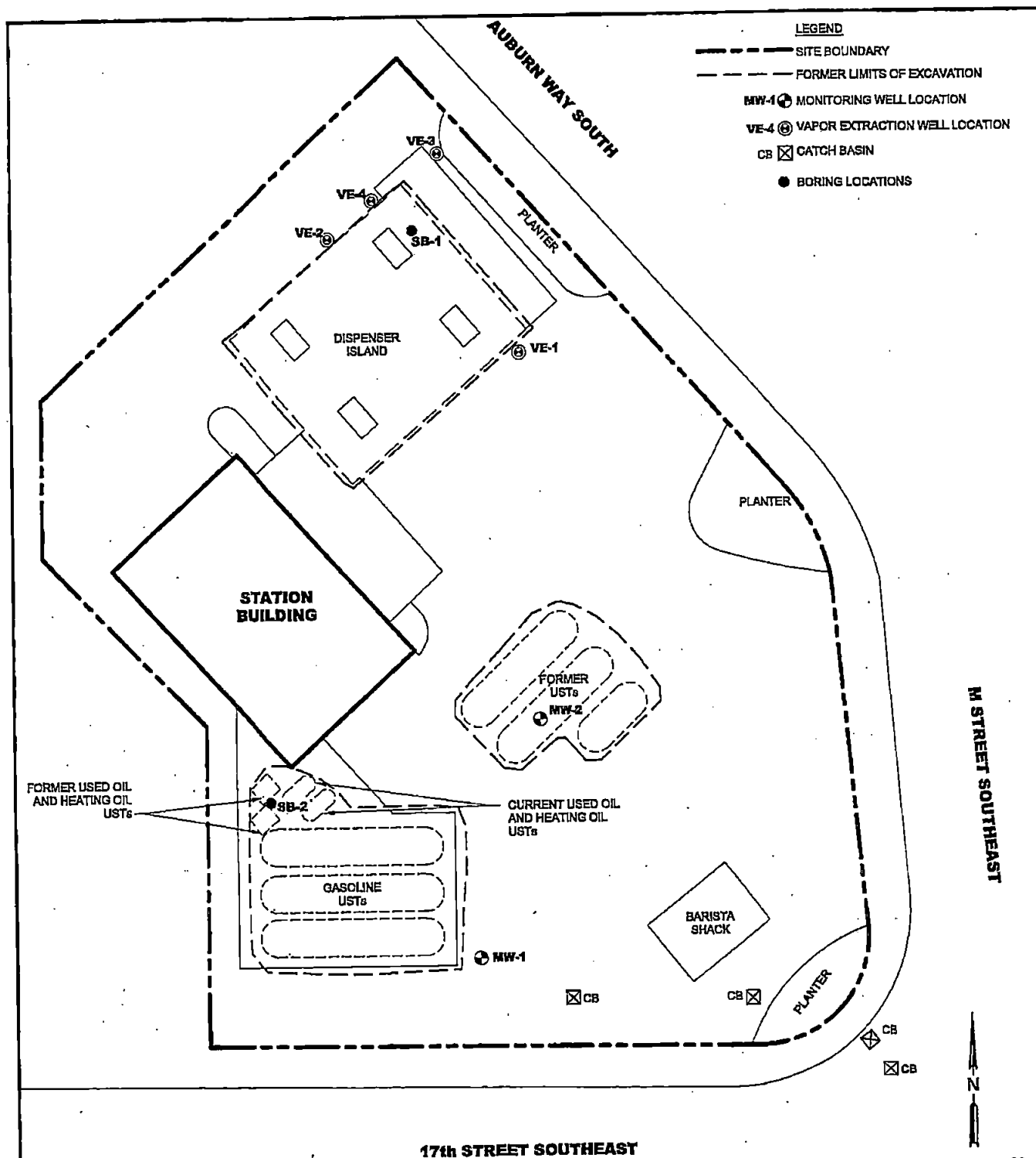
APPROVED BY:

DATE:

06/27/06


FILEPATH:Z:\OTHER OFFICE CAD\Redmond\ConocoPhillips 1065\DWG\01CP01065-SITE LOCATION MAP.dwg\ccennet\Jun 27, 2006 at 8:01\Layout: FIGURE 1





SOURCE:  
 BASE MAP COMPILED FROM AERIAL PHOTO FROM TERRASERVER-USA, ERI SITE PLAN DATED 10/12/88,  
 AND RZA AGRA, INC. SP SERVICE STATION, SITE AND EXPLORATION PLAN, FIGURE 2, JUNE 1993.

APPROXIMATE SCALE (FEET)

 <b>SECOR</b> 12034 134th COURT NORTHEAST, SUITE 102 REDMOND, WASHINGTON 98052 PHONE: (425) 372-1600 FAX: (425) 372-1650	FOR: <b>ConocoPhillips</b> FACILITY NO. 2611065 1111 17th STREET SE AUBURN, WASHINGTON	SITE PLAN WITH BORING LOCATIONS		FIGURE: <div style="font-size: 2em; text-align: center;">2</div> DATE: 08/27/06
JOB NUMBER: 01CP.01085.05	DRAWN BY: CFS	CHECKED BY: KH	APPROVED BY:	

FILEPATH:Z:\OTHER OFFICE CAD\Redmond\ConocoPhillips 1085\DWG\01CP\01085-PROPOSED BORING LOCATIONS.dwg\jcsenne\Aug 10, 2006 at 13:12\Layout: FIGURE 2

SB-1	2.5'	8'	10'
DEPTH	2.5'	8'	10'
TPH-G	<0.050	<0.050	<0.046
B	<0.050	<0.050	<0.046
T	<0.050	<0.050	<0.046
E	<0.050	<0.050	<0.046
X	<0.13	<0.14	<0.11

SB-2	5'	14'
DEPTH	5'	14'
TPH-D	4.8	
TPH-O		

# LEGEND

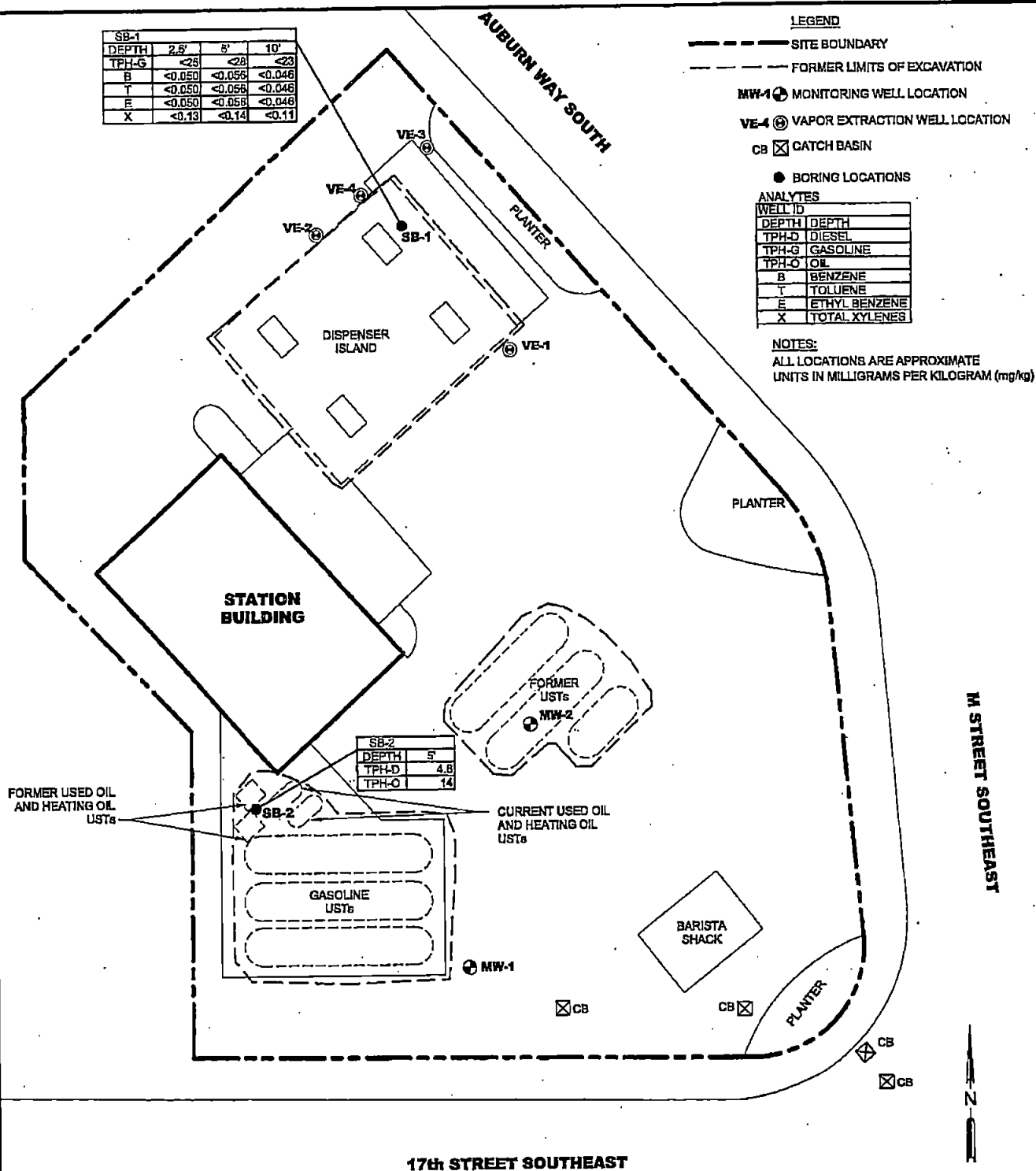
- SITE BOUNDARY
- FORMER LIMITS OF EXCAVATION
- MW-1 MONITORING WELL LOCATION
- VE-4 VAPOR EXTRACTION WELL LOCATION
- CB CATCH BASIN
- BORING LOCATIONS

## ANALYTES

WELL ID	DEPTH	ANALYTES
SB-1	2.5'	TPH-D DIESEL
SB-1	8'	TPH-G GASOLINE
SB-1	10'	TPH-O OIL
B		BENZENE
T		TOLUENE
E		ETHYL BENZENE
X		TOTAL XYLENES

## NOTES:

ALL LOCATIONS ARE APPROXIMATE  
UNITS IN MILLIGRAMS PER KILOGRAM (mg/kg)



SOURCE:  
BASE MAP COMPILED FROM AERIAL PHOTO FROM TERRASERVER-USA, ERI SITE PLAN DATED 10/12/86,  
AND RZA AGRA, INC. BP SERVICE STATION, SITE AND EXPLORATION PLAN, FIGURE 2, JUNE 1993.

APPROXIMATE SCALE (FEET)



**SECOR**

12034 134th COURT NORTHEAST, SUITE 102  
REDMOND, WASHINGTON 98052  
PHONE: (425) 372-1600 FAX: (425) 372-1630

FOR:

**ConocoPhillips**

FACILITY NO. 2611065  
1111-17th STREET SE  
AUBURN, WASHINGTON

SITE PLAN WITH  
SOIL ANALYTICAL RESULTS

FIGURE:

**3**

JOB NUMBER:

01CP.01065.05

DRAWN BY:

CFS

CHECKED BY:

KH

APPROVED BY:

DATE:

08/27/06

FILEPATH:Z:\OTHER OFFICE CAD\Redmond\ConocoPhillips 1065\DWG\01CP01065-PROPOSED BORING LOCATIONS.dwg|csennet|Aug 10, 2006 at 13:12|Layout: FIGURE 3

## TABLES

**TABLE 1**  
**SOIL ANALYTICAL RESULTS**  
 ConocoPhillips Site No. 2611065  
 1111 17th Ave SE  
 Auburn, WA

				Total Petroleum Hydrocarbons			Volatile Organic Compounds			
Sample Identification	Sample Date	Sample Depth (feet bgs)	PID Field Screen (ppm)	TPH-g (mg/kg)	Diesel-Range (mg/kg)	Oil-Range (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)
SB-1-2.5	4/19/06	2.5	0.0	<25 <sup>a</sup>	—	—	<0.050 <sup>a</sup>	<0.050 <sup>a</sup>	<0.050 <sup>a</sup>	<0.13 <sup>a</sup>
SB-1-5	4/19/06	5	0.0	<28 <sup>a</sup>	—	—	<0.056 <sup>a</sup>	<0.056 <sup>a</sup>	<0.056 <sup>a</sup>	<0.14 <sup>a</sup>
SB-1-10	4/19/06	10	0.0	<23 <sup>a</sup>	—	—	<0.046 <sup>a</sup>	<0.046 <sup>a</sup>	<0.046 <sup>a</sup>	<0.11 <sup>a</sup>
SB-2-5	4/19/06	5	0.0	—	4.6	14	—	—	—	—
MTCA Level A Cleanup Levels				30/100 <sup>a</sup>	2,000	2,000	0.03	7	6	9

**Notes:**

**BOLD** - Concentration above MTCA Method A Cleanup Level

— = Not analyzed, not applicable, or not sampled

All concentrations in milligrams per kilogram (mg/kg)

MTCA = Model Toxics Control Act (Chapter 173-340 WAC)

bgs = below ground surface

Total petroleum hydrocarbons as gasoline (TPH-g) by Northwest Method NWTPH-Gx

Diesel and oil range hydrocarbons by Northwest Method NWTPH-Dx Modified with Silt/Gel Acid Cleanup

Benzene, toluene, ethylbenzene, and xylenes by EPA Method 8021B

<sup>a</sup>Gasoline-range hydrocarbon cleanup level is 30 mg/Kg with benzene present in the sample, and 100 mg/Kg with no benzene detected

<sup>a</sup>The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.

**ATTACHMENT A**  
**BORING AND WELL CONSTRUCTION LOGS**

Supplemental Site Assessment  
ConocoPhillips Site No. 2611065  
1111 17th Street SE,  
Auburn, Washington  
SECOR PN No.: 01CP.01065.05  
August 15, 2006

PROJECT: 2611065 Auburn  
 LOCATION: 1111 17th Avenue SE, Auburn, WA  
 PROJECT NUMBER: 01CP.01065.05

WELL / PROBEHOLE / BOREHOLE NO:


**SB-1** PAGE 1 OF 1




DRILLING: STARTED 4/19/06 COMPLETED: 4/19/06  
 INSTALLATION: STARTED 4/19/06 COMPLETED: 4/19/06  
 DRILLING COMPANY: Cascade Drilling, Inc.  
 DRILLING EQUIPMENT: Limited access rig-auger  
 DRILLING METHOD: Auger, concrete corer  
 SAMPLING EQUIPMENT: Split Spoon

NORTHING (ft):  
 LATITUDE:  
 GROUND ELEV (ft):  
 INITIAL DTW (ft): **NE**  
 STATIC DTW (ft): **NE**  
 WELL CASING DIAMETER (in): ---  
 LOGGED BY: **K. Hanson**  
 EASTING (ft):  
 LONGITUDE:  
 TOC ELEV (ft):  
 BOREHOLE DEPTH (ft): **13.0**  
 WELL DEPTH (ft): ---  
 BOREHOLE DIAMETER (in): **8"**  
 CHECKED BY:

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace P/D (units)	Depth (feet)
			Concrete core removed (concrete 7 inches thick)						
		GP	SILTY SAND WITH COBBLES; GP; dark brown; no odor; smooth large 4" cobbles						
		SM	SILTY SAND; SM; dark brown; moist; no odor; fine gravel		11:30 SB-1-2.5	.5		0	
5			Cleared to 5 feet - vac truck						5
		SM	SILTY SAND WITH CLAY; SM; dark brown and tan; fine-grained; moist; no odor; few fine gravel		11:55 SB-1-5	1.5	10 7 7	0	
10			SILTY SAND WITH GRAVEL; dark brown; medium rounded gravel						10
			SILTY SAND WITH GRAVEL; dark brown; fine-grained; moist; no odor; rounded and medium angular gravels		12:10 SB-1-10	1.5	50 for 5"	0	
15			REFUSAL-no sample, smooth rounded gravel and cobbles Limited access rig could not push through gravel Hole terminated at 13 feet.						15

PROJECT: <b>2611065 Auburn</b> LOCATION: <b>1111 17th Avenue SE, Auburn, WA</b> PROJECT NUMBER: <b>01CP.01065.05</b>			WELL / PROBEHOLE / BOREHOLE NO: <div style="text-align: center;"><b>SB-2</b> PAGE 1 OF 1</div>			 <b>SECOR</b>		
DRILLING: STARTED <b>4/19/06</b> COMPLETED: <b>4/19/06</b> INSTALLATION: STARTED <b>4/19/06</b> COMPLETED: <b>4/19/06</b> DRILLING COMPANY: <b>Cascade Drilling, Inc.</b> DRILLING EQUIPMENT: <b>Limited access rig-auger</b> DRILLING METHOD: <b>Auger</b> SAMPLING EQUIPMENT: <b>Split Spoon</b>			NORTHING (ft): LATITUDE: GROUND ELEV (ft): INITIAL DTW (ft): <b>NE</b> STATIC DTW (ft): <b>NE</b> WELL CASING DIAMETER (in): --- LOGGED BY: <b>K. Hanson</b>			EASTING (ft): LONGITUDE: TOC ELEV (ft): BOREHOLE DEPTH (ft): <b>7.0</b> WELL DEPTH (ft): --- BOREHOLE DIAMETER (in): <b>7"</b> CHECKED BY:		

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)
			Concrete core removed (concrete 7 inches thick)						
			Pea gravel						
5			Long piece of yellow 0.25 inch diameter nylon rope. Not able to remove rope. Abandon hole. <b>SILTY SAND WITH GRAVEL</b> ; dark brown to black; no odor; pea gravel	X	14:40 SB-2-5	.5	50 for 5"	0	5
			Lots of gravel & cobbles. Limited access rig could not push through gravel. Stopped at 7 feet. Hole terminated at 7 feet.						
10									10
15									15

**ATTACHMENT B**  
**ANALYTICAL LABORATORY REPORT AND CHAIN-OF-  
CUSTODY DOCUMENTATION**

Supplemental Site Assessment  
ConocoPhillips Site No. 2611065  
1111 17th Street SE,  
Auburn, Washington  
SECOR PN No.: 01CP.01065.05  
August 15, 2006





## Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-658-2300 Fax: 717-658-2581 • www.lancasterlabs.com

### ANALYTICAL RESULTS

Prepared for:

ConocoPhillips  
19909 120th Ave. NE  
Suite 101  
Bothell WA 98011

206-706-2341

Prepared by:

Lancaster Laboratories  
2425 New Holland Pike  
Lancaster, PA 17605-2425

### SAMPLE GROUP

The sample group for this submittal is 986556. Samples arrived at the laboratory on Friday, April 21, 2006.  
The PO# for this group is 4506574271 and the release number is CRAMER.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
SB-1-2.5 Grab Soil Sample	4755628
SB-1-5 Grab Soil Sample	4755629
SB-1-10 Grab Soil Sample	4755630
SB-2-5 Grab Soil Sample	4755631

1 COPY TO      SECOR  
ELECTRONIC    SECOR International  
COPY TO

Attn: August Welch  
Attn: Marc Sauze



## ***Analysis Report***

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-6681 • [www.lancasterlabs.com](http://www.lancasterlabs.com)

Questions? Contact your Client Services Representative  
Megan A Moeller at (717) 656-2300

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Valerie L. Tomayko".

Valerie L. Tomayko  
Group Leader



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Page 1 of 1

Lancaster Laboratories Sample No. SW 4755628

SB-1-2.5 Grab Soil Sample

Site# 3225 (2611065)

1111 17th Ave SE-Auburn, WA

Collected: 04/19/2006 11:30 by KH

Account Number: 11817

Submitted: 04/21/2006 09:10

Reported: 06/26/2006 at 15:24

Discard: 07/27/2006

ConocoPhillips

19909 120th Ave. NE

Suite 101

Bothell WA 98011

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02006	TPH by NWTPH-Gx soils					
02007	TPH by NWTPH-Gx soils	n.a.	N.D.	25.	mg/kg	25.1
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
08180	BTEX (Total Xylenes)					
08183	Benzene	71-43-2	N.D.	0.050	mg/kg	25.1
08184	Toluene	108-88-3	N.D.	0.050	mg/kg	25.1
08185	Ethylbenzene	100-41-4	N.D.	0.050	mg/kg	25.1
08186	Total Xylenes	1330-20-7	N.D.	0.13	mg/kg	25.1
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02006	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	04/26/2006 09:46	Linda C Pape	25.1
08180	BTEX (Total Xylenes)	SW-846 8021B	1	04/26/2006 09:46	Linda C Pape	25.1
06647	GC Field Preserved MeOH	SW-846 5035A	1	04/21/2006 21:12	Justin M Bowers	n.a.



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2631 • www.lancasterlabs.com

Page 1 of 1

Lancaster Laboratories Sample No. SW 4755629

SB-1-5 Grab Soil Sample  
Site# 3225 (2611065)  
1111 17th AveSE-Auburn, WA  
Collected: 04/19/2006 11:55

by KH

Account Number: 11817

Submitted: 04/21/2006 09:10  
Reported: 06/26/2006 at 15:24  
Discard: 07/27/2006

ConocoPhillips  
19909 120th Ave. NE  
Suite 101  
Bothell WA 98011

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02006	TPH by NWTPH-Gx soils					
02007	TPH by NWTPH-Gx soils The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.	n.a.	N.D.	28.	mg/kg	27.9
08180	BTEX (Total Xylenes)					
08183	Benzene	71-43-2	N.D.	0.056	mg/kg	27.9
08184	Toluene	108-88-3	N.D.	0.056	mg/kg	27.9
08185	Ethylbenzene	100-41-4	N.D.	0.056	mg/kg	27.9
08186	Total Xylenes The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.	1330-20-7	N.D.	0.14	mg/kg	27.9

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02006	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	04/26/2006 10:22	Linda C Pape	27.9
08180	BTEX (Total Xylenes)	SW-846 8021B	1	04/26/2006 10:22	Linda C Pape	27.9
06647	GC Field Preserved MeOH	SW-846 5035A	1	04/21/2006 21:13	Justin M Bowers	n.a.



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Page 1 of 1

Lancaster Laboratories Sample No. SW 4755630

SB-1-10 Grab Soil Sample

Site# 3225 (2611065)

1111 17th Ave SE-Auburn, WA

Collected: 04/19/2006 12:10

by KH

Account Number: 11817

Submitted: 04/21/2006 09:10

Reported: 06/26/2006 at 15:24

Discard: 07/27/2006

ConocoPhillips

19909 120th Ave. NE

Suite 101

Bothell WA 98011

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
02006	TPH by NWTPH-Gx soils					
02007	TPH by NWTPH-Gx soils	n.a.	N.D.	23.	mg/kg	22.8
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					
08180	BTEX (Total Xylenes)					
08183	Benzene	71-43-2	N.D.	0.046	mg/kg	22.8
08184	Toluene	108-88-3	N.D.	0.046	mg/kg	22.8
08185	Ethylbenzene	100-41-4	N.D.	0.046	mg/kg	22.8
08186	Total Xylenes	1330-20-7	N.D.	0.11	mg/kg	22.8
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately.					

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
02006	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	04/26/2006 17:06	Linda C Pape	22.8
08180	BTEX (Total Xylenes)	SW-846 8021B	1	04/26/2006 17:06	Linda C Pape	22.8
06647	GC Field Preserved MeOH	SW-846 5035A	1	04/21/2006 21:14	Justin M Bowers	n.a.



# Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2881 • www.lancasterlabs.com

Page 1 of 1

Lancaster Laboratories Sample No. SW 4755631

SB-2-5 Grab Soil Sample

Site# 3225 (2611065)

1111 17th Ave SE-Auburn, WA

Collected: 04/19/2006 14:40

by KH

Account Number: 11817

Submitted: 04/21/2006 09:10

Reported: 06/26/2006 at 15:25

Discard: 07/27/2006

ConocoPhillips

19909 120th Ave. NE

Suite 101

Bothell WA 98011

25065

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
08272	TPH by NWTPH-Dx (soils)					
02097	Diesel Range Organics	n.a.	4.6	3.0	mg/kg	1
02098	Heavy Range Organics	n.a.	14.	10.	mg/kg	1

State of Washington Lab Certification No. C259

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

## Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
08272	TPH by NWTPH-Dx (soils)	ECY 97-602 NWTPH-Dx modified	1	04/26/2006 14:44	Tracy A Cole	1
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	04/24/2006 18:30	Sally L Appleyard	1

## Quality Control Summary

Client Name: ConocoPhillips  
Reported: 06/26/06 at 03:25 PM

Group Number: 986556

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

### Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 061140021A	Sample number(s): 4755631							
Diesel Range Organics	N.D.	3.0	mg/kg	77		60-120		
Heavy Range Organics	N.D.	10.	mg/kg					
Batch number: 06115A31B	Sample number(s): 4755628-4755630							
TPH by NWTPH-Gx soils	N.D.	1.0	mg/kg	87		67-119		
Benzene	N.D.	2.0	ug/kg	101		76-118		
Toluene	N.D.	2.0	ug/kg	101		72-115		
Ethylbenzene	N.D.	2.0	ug/kg	105		77-115		
Total Xylenes	N.D.	5.0	ug/kg	104		78-115		

### Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike  
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: 061140021A	Sample number(s): 4755631 BKG: 4755631								
Diesel Range Organics						4.6	4.0	14 (1)	20
Heavy Range Organics						14.	11.	21+ (1)	20
Batch number: 06115A31B	Sample number(s): 4755628-4755630 UNSPK: P756630								
TPH by NWTPH-Gx soils	81	76	39-118	7	30				
Benzene	97	93	52-135	4	30				
Toluene	97	92	59-129	5	30				
Ethylbenzene	99	95	56-132	5	30				
Total Xylenes	100	95	66-112	4	30				

### Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: TPH by NWTPH-Dx (soils)  
Batch number: 061140021A  
Orthoterphenyl

4755631	98
Blank	99
DUP	92
LCS	106

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.

**Quality Control Summary**Client Name: ConocoPhillips  
Reported: 06/26/06 at 03:25 PM

Group Number: 986556

**Surrogate Quality Control**

Limits: 53-147

Analysis Name: BTEX (Total Xylenes)

Batch number: 06115A31B

	Trifluorotoluene-F	Trifluorotoluene-P
4755628	64	76
4755629	66	75
4755630	91	84
Blank	81	87
LCS	82	89
MS	78	82
MSD	74	81

Limits: 61-122

55-124

\*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



# ConocoPhillips Analysis Request/Chain of Custody



001577

Acct. #:

11817

For Lancaster Laboratories use only  
Group # 980552 Sample #:

4755628-31

SCR#: 27591

Site #: #2611065 Auburn WNO #: 3225SECOOS  
Site Address: 1111 17<sup>th</sup> Avenue SE, Auburn, WA  
ConocoPhillips PM: Kipp Eckert Company Code:  
Core Work Order#: 3225SECOOS Total Lab Budget: \$800.00  
Consultant/Office: SECOR International, Inc.  
Consultant Proj. Mgr: Marc Sauge  
Consultant Phone #: 425-372-1600 Fax #: 425-372-1650  
Sampler: Kaitlin Hansen

List total number of containers in the  
Analyses Requested box under each analysis.

Preservation Codes

Preservative Codes

H = HCl T = Thiosulfate  
N = HNO<sub>3</sub> B = NaOH  
S = H<sub>2</sub>SO<sub>4</sub> O = Other

O = methanol

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Matrix	Remarks
SB-1-2.5	4/19/06	1130	X		X				TPH-D by NWTPH-DX BTEX by BTEX 8021 B	
SB-1-5	4/19/06	1155	X		X					
SB-1-10	4/19/06	1210	X		X					
SB-2-5	4/19/06	1440	X		X					

Turnaround Time Requested in Business Days (TAT) (please circle):

STD. TAT

5 day

48 hour

24 hour

other

Reporting Requirements (please circle)

NJ Reduced

NY ASP Cat A

Raw Data

Diskette

NY ASP Cat B

Full Type I

Other

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by Commercial Carrier:

UPS

FedEx

Other

Temperature Upon Receipt

41.2° 41.7° C

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300  
Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

3.3 4531.01

## Lancaster Laboratories Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

<b>N.D.</b>	none detected	<b>BMQL</b>	Below Minimum Quantitation Level
<b>TNTC</b>	Too Numerous To Count	<b>MPN</b>	Most Probable Number
<b>IU</b>	International Units	<b>CP Units</b>	cobalt-chloroplatinate units
<b>umhos/cm</b>	micromhos/cm	<b>NTU</b>	nephelometric turbidity units
<b>C</b>	degrees Celsius	<b>F</b>	degrees Fahrenheit
<b>Cal</b>	(diet) calories	<b>lb.</b>	pound(s)
<b>meq</b>	milliequivalents	<b>kg</b>	kilogram(s)
<b>g</b>	gram(s)	<b>mg</b>	milligram(s)
<b>ug</b>	microgram(s)	<b>l</b>	liter(s)
<b>ml</b>	milliliter(s)	<b>ul</b>	microliter(s)
<b>m3</b>	cubic meter(s)	<b>fib &gt;5 um/ml</b>	fibers greater than 5 microns in length per ml
<b>&lt;</b>	less than – The number following the sign is the <u>limit of quantitation</u> , the smallest amount of analyte which can be reliably determined using this specific test.		
<b>&gt;</b>	greater than		
<b>ppm</b>	parts per million – One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.		

### U.S. EPA data qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
<b>A</b>	TIC is a possible aldol-condensation product	<b>B</b>	Value is <CRDL, but ≥IDL
<b>B</b>	Analyte was also detected in the blank	<b>E</b>	Estimated due to interference
<b>C</b>	Pesticide result confirmed by GC/MS	<b>M</b>	Duplicate injection precision not met
<b>D</b>	Compound quantitated on a diluted sample	<b>N</b>	Spike amount not within control limits
<b>E</b>	Concentration exceeds the calibration range of the instrument	<b>S</b>	Method of standard additions (MSA) used for calculation
<b>J</b>	Estimated value	<b>U</b>	Compound was not detected
<b>N</b>	Presumptive evidence of a compound (TICs only)	<b>W</b>	Post digestion spike out of control limits
<b>P</b>	Concentration difference between primary and confirmation columns >25%	<b>*</b>	Duplicate analysis not within control limits
<b>U</b>	Compound was not detected	<b>+</b>	Correlation coefficient for MSA <0.995
<b>X,Y,Z</b>	Defined in case narrative		

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

**WARRANTY AND LIMITS OF LIABILITY** – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

**ATTACHMENT C**  
**SOIL DISPOSAL DOCUMENTS**

Supplemental Site Assessment  
ConocoPhillips Site No. 2611065  
1111 17th Street SE,  
Auburn, Washington  
SECOR PN No.: 01CP.01065.05  
August 15, 2006

Jul. 28. 2006, 3:23PM ENVIROTECH  
ENVIROTECH SYSTEMS, INC.  
3601 121st STREET SW  
LYNNWOOD, WA 98087  
(206) 363-9000

# WORK ORDER

NO. 0002 1. 2

FOR ACCOUNT

WORK ORDER NUMBER:  
66890

WORK ORDER DATE:  
Jun 26, 2006

Page:

SOLD TO:  
SECOR INTERNATIONAL  
PO BOX 230  
12034 - 134TH COURT NE #102  
REDMOND, WA 98073

SITE:  
CONOCO PHILLIPS 2611065  
1111 - 17TH AVE SE 17th Street SE  
AUBURN, WA 98002  
102513

PHONE: 425-372-1659

SITE  
PHONE: 425-283-8280

CUSTOMER	PO NUMBER	ESI JOB #	ACCOUNT REP
SECINT4RWA		06-165-17	DON
CUSTOMER CONTACT	EPA ID #	DATE ORDERED	DATE COMPLETED
KATLIN HANSON		8/26/06	7/21/06

DESCRIPTION	MANIFEST #	QUANTITY	SIZE	TAX	UNIT PRICE	EXTENSION
REMOVE, TRANSPORT AND REUSE/RECYCLE/DISPOSE OF: TPH SOIL - NON HAZARDOUS/66890 52% FUEL & INSUR. SURCHARGE		4.00 1.00	55 GAL EA	N N		ON ACCOUNT
CUSTOMER CHANGES						

## WORK AUTHORIZATION

The undersigned hereby authorizes and acknowledges receipt of the materials and/or commencement of services described above on behalf of the party indicated as "SOLD TO" above (Generator). On behalf of Generator, I hereby make and appoint Envirotech Systems, Inc. Generator's true and lawful agent for the purpose of managing the above waste responsibilities. I understand that this does not relieve Generator of its responsibilities as a generator even though title of the waste transfers to Envirotech Systems, Inc.. Prices quoted herein are subject to the waste's inspection and acceptance at the destination waste management facility.

BY: Katlin Hanson (SECOR International)  
Inc.

DATE: 7.21.06

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. W A D 9 8 8 4 9 7	Manifest Dpt. No. 5 6 8 9 0	2. Page 1 of 1
3. Generator's Name and Mailing Address CONOCO PHILLIPS 1111 - 17TH AVENUE SE AUBURN, WA 99002		4. Generator's Phone (206) 383-9000		
5. Transporter 1 Company Name ENVIROTECH SYSTEMS, INC.		6. US EPA ID Number W A H 0 0 0 0 1 2 4 5 0	A. Transporter's Phone (206) 383-9000	
7. Transporter 2 Company Name		8. US EPA ID Number	B. Transporter's Phone	
9. Designated Facility Name and Site Address MEDICAL WASTE RECYCLING & DISPOSAL 1520 S GRAHAM RD. MEDICAL LAKE, WA 99022		10. US EPA ID Number	C. Facility's Phone 509-244-0151	
11. Waste Shipping Name and Description a. MATERIAL NOT REGULATED BY D.O.T. (IDW SOIL)		12. Containers No.	Type	13. Total Quantity 004 DM 02.400 P
b.				
c.				
d.				
14. Additional Descriptions for Materials Listed Above A. #1370, ESH# 08-186-17		E. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information EMERGENCY INFORMATION CONTACT (206) 383-9000. "Shippers Certification per 49CFR 172.204 - This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. Signature in box 16 of this manifest constitutes certification of this statement by the shipper."				
16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name James F. Trotter		Signature <i>James F. Trotter</i>		Month Day Year 7 21 06
17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Steve A. DeFrance		Signature <i>Steve A. DeFrance</i>		Month Day Year 7 21 06
18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space				
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.				
Printed/Typed Name		Signature <i>Kate [illegible]</i>		Month Day Year 7 25 06

TRANSPORTER #1

ENVIROTECH  
SYSTEMS, INCORPORATED

## UST CORRECTIVE ACTION CERTIFICATION

I certify that the petroleum contaminated debris and media that fail the test for Toxicity Characteristic for waste codes D018 through D043 is excluded from the definition of hazardous waste under 40 CFR Part 261.4 (b)(10) and, if applicable, under the Dangerous Waste Regulations of Washington State according to WAC 173-303-071 (3)(i), and that this site is subject to the corrective action regulations under 40 CFR Part 280.

James F. Trotter  
Generator's Name

#66890  
Shipping Document #

James F. Trotter  
Generator's Signature

7.21.06  
Date

ENVIROTECH SYSTEMS, INC 3601 121st ST SW, LYNNWOOD, WA 98037 +425-513-5848

ENVIROTECH SYSTEMS, INCORPORATED

3601 121ST ST, S.W.



LYNNWOOD, WASHINGTON 98037



TELEPHONE 206 363 9000



FACSIMILE 425 513 6839

WASTE PRODUCT QUESTIONNAIRE

PROFILE

ESI WPQ

06-186-17

GENERATOR CONOCO PHILLIPS 2611065  
NAME:  
SITE 1111 - 17TH AVENUE SE  
ADDRESS:  
AUBURN WA 98002

INVOICE SECOR INTERNATIONAL INC.  
TO:  
ADDRESS: PO BOX 230  
12034 - 134TH COURT NE - STE. 10  
REDMOND WA 98073

DATE: 6/28/2006  
SIC CODE: 44711  
GEN EPA ID: WAD988487  
CONTACT: KATLIN HANSON  
PHONE: 425-372-1858

WASTE PRODUCT DESCRIPTION AND CHARACTERISTICS

WASTE PRODUCT NAME: TPH SOIL - NON HAZARDOUS  
PROCESS GENERATING WASTE: UST INVESTIGATION

SOURCE:  
FORM:

<b>ODOR</b> <input checked="" type="radio"/> NONE <input type="radio"/> MILD <input type="radio"/> STRONG DESCRIBE:	<b>COLOR AND CLARITY</b> COLOR: DIRTY CLARITY:	<b>PHYSICAL STATE AT 70F</b> <input checked="" type="radio"/> SOLID <input type="radio"/> SLUDGE <input type="radio"/> LIQUID <input type="radio"/> POWDER AVERAGE CONSISTENCY:	<b>TOXIC CATEGORIES PRESENT</b> WDOE CONC: WEIGHT: TOXIC CAT:
<b>LAYERS</b> <input type="radio"/> MULTI-LAYERED <input type="radio"/> BI-LAYERED <input checked="" type="radio"/> HOMOGENOUS FREE LIQUIDS: 0%	<b>RH</b> <input type="radio"/> 10.1 - 12.4 <input type="radio"/> <= 2 <input type="radio"/> >= 12.5 <input type="radio"/> 2 - 4 <input checked="" type="radio"/> EXACT: <input type="radio"/> 4.1 - 10 NA	<b>DENSITY OR SPECIFIC GRAVITY</b> <input type="radio"/> LIQUID lbs/gal <input checked="" type="radio"/> SOLID lbs/ft3	<b>FLASH POINT</b> <input type="radio"/> < 73 F <input type="radio"/> > 200 F <input type="checkbox"/> CC <input type="checkbox"/> EPA <input type="radio"/> 73 - 141 F <input type="radio"/> NO FLASH <input type="checkbox"/> CC <input type="checkbox"/> DOT <input type="radio"/> 142 - 199 F <input checked="" type="radio"/> EXACT: NA

CONSTITUENTS  
CHEMICAL COMPOSITION (ACCOUNT FOR 100% OF TOTAL) %

	IDW SOIL	100
CHEMICAL NATURE	TPH GASOLINE RANGE NON DETECT	
	TPH DIESEL RANGE 4.6 PPM	
	TPH OIL RANGE 14 PPM	
	BTEX NON DETECT	
	NEED UST CERT	

☒ I  
☐ a  
☐ 10

METALS (PPM)

☐ TOTAL ☐ EPA TCLP

☒ GEN KNOWLEDGE

ARSENIC (As)	NS
BARIUM (Ba)	NS
CADMIUM (Cd)	NS
CHROMIUM (Cr)	NS
COPPER (Cu)	NS
LEAD (Pb)	NS
MERCURY (Hg)	NS
NICKEL (Ni)	NS
SELENIUM (Se)	NS
SILVER (Ag)	NS
ZINC (Zn)	NS
HEXCHROME	NS
OTHER	

GENERATOR HAS PROVIDED THE FOLLOWING

☐ SAMPLE ☐ MSDS ☒ WASTE ANALYSIS

SHIPPING INSTRUCTIONS

IS THIS A DOT HAZARDOUS MATERIAL  
☐ YES  
☒ NO  
DOT RD  
BULK LIQUID: ☐  
BULK SOLID: ☐  
DRUM/CONTAINER TYPE: UN1265 55 GAL DRUM  
VOLUME: FOUR DRUMS

RCRA HAZ WASTE ☐ EXEMPT WASTE ☐  
STATE ONLY WASTE ☐ TSCA ☐

WASHINGTON STATE DESIGNATION

☐ EHW ☐ EXEMPT ☐ DW

WASTE CODES

US EPA WASTE CODE  
WA DOE WASTE CODE  
CA WASTE CODE  
OR WASTE CODE  
SUBJECT TO LAND DISPOSAL RESTRICTIONS ☐

US DOT DESCRIPTION

PROPER SHIPPING NAME: MATERIAL NOT REGULATED BY D.O.T.  
ADDITIONAL DESCRIPTION: (IDW SOIL)  
HAZARD CLASS: DOT ID NUMBER: PACKING GROUP NUMBER:

GENERATOR CERTIFICATION STATEMENT

I HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS DOCUMENT AND THOSE ATTACHED HERETO ARE TRUE AND CORRECT. ALL WASTE TENDERED UNDER THIS WASTE PROFILE SHALL CONFORM TO THE SPECIFICATIONS ABOVE. TO THE BEST OF MY KNOWLEDGE, ALL KNOWN AND SUSPECTED HAZARDOUS COMPONENTS (40 CFR 261.269) OF THIS WASTE STREAM HAVE BEEN IDENTIFIED ABOVE.

SIGNATURE \* James J. Latham

TITLE Site Manager

DATE 7-21-06

THE UNDERSIGNED CERTIFIES THAT HE/SHE OBTAINED A REPRESENTATIVE SAMPLE OF THE WASTE MATERIAL DESCRIBED ABOVE, AND THAT THE FOLLOWING REPRESENTATIONS ARE TRUE AND CORRECT.

SAMPLING METHOD: GRAB SOIL SAMPLING SAMPLE QUANTITY:  
SOURCE OF MATERIAL SAMPLED: SOIL BORINGS

NAME: Katlin Hanson (SECOR International, Inc.)  
DATE:

**ATTACHMENT D**  
**HEALTH AND SAFETY DAILY TAILGATE MEETING SHEETS**

Supplemental Site Assessment  
ConocoPhillips Site No. 2611065  
1111 17th Street SE,  
Auburn, Washington  
SECOR PN No.: 01CP.01065.05  
August 15, 2006



## DAILY PRODUCTION HEALTH AND SAFETY BRIEFING LOG

01C

## DAILY PRODUCTION HEALTH AND SAFETY BRIEFING LOG

01C

## HEALTH AND SAFETY PLAN ACKNOWLEDGMENT AND AGREEMENT FORM

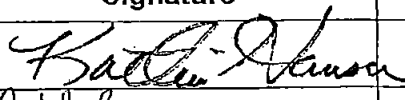
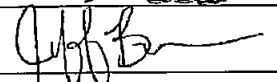
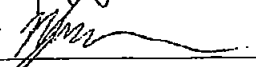
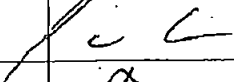
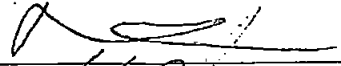
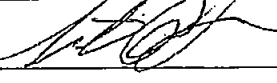
(All SECOR and subcontractor personnel must sign.)

***"Zero Tolerance for Incident of ANY Kind. Work Together to Ensure A SAFE and High Quality Project"***

This Health and Safety Plan has been developed for the purpose of informing SECOR employees of the hazards they are likely to encounter on the project site, and the precautions they should take to avoid those hazards. Sub-contractors and other contractors at the site must develop their own Health and Safety Plan to address the hazards faced by their own employees. SECOR has provided a copy of this Plan to contractors in the interest of full disclosure of hazards of which we may be aware, and to satisfy SECOR's responsibilities under the Occupational Safety and Health Administration (OSHA) Hazard Communication standard. Similarly, contractors are required to inform SECOR of any hazards of which they are aware or that the contractor's work on site might possibly pose to SECOR employees, including (but not limited to) the Material Safety Data Sheets for chemicals the contractor may bring on-site. This plan should NOT be understood by contractors to provide information on all of the hazards to which a contractor's employees may be exposed as a result of their work.

I further certify that I have received training and medical surveillance according to the Health and Safety Plan and the OSHA Standard on Hazardous Waste Operations and Emergency Response (29 CFR 1910.120):

All parties conducting site activities are required to coordinate their activities and practices with the project Site Health and Safety Officer. Your signature below confirms that you have read and understand the hazards discussed in this Plan, and understand that sub-contractors and contractors must develop their own Health and Safety Plan for their employees. You also understand you could be prohibited by the Site Health and Safety Officer or other SECOR personnel from working on this project for not complying with any aspect of this Health and Safety Plan.

Name	Title	Signature	Company	Date
Katlin Hansen	Geologist		SECOR	4-19-06
JEFF BRAUN	Locator		APS	4-19-06
MARK DALAN	Locator		APS	4-19-06
James Galt	Printer		CDI	4/19/06
Arlo Terletsky	UAE OP.		CDI	4/19/06
Curtis Askew	Helper		CDI	4/19/06