

Site New Log Number: 26-07-1727

Name	CONOCOPHILLIPS #2705460			Facility Id	718	UST Lookup	
Address	425 NE BROADWAY			Phone	(281) 293-5101		
County	MULTNOMAH	City	PORTLAND	Zip	97232	☐ No Valid Address	
Type	☒ Regulated ☐ HOT ☐ Non Regulated			Received	11/8/2007		
				Discovered	10/12/2007		

Contacts

Responsible Party				Invoice Contact			
First Name	Myron			First Name	Michael D.		
Last Name	Smith			Last Name	Noll		
Organization	ConocoPhillips Company			Organization	DXT Services LLC/Noll Environmer		
Address	1230 W Washington St Ste 212			Address	11921 185th Ave SE		
City	Tempe			City	Snohomish		
Zip	85281-1247	State	AZ	Zip	98290-8668	State	WA
Country	USA			Country	USA		
Phone	602-452-2505 (office)			Phone	(360) 794-9523		
E-Mail	myron.w.smith@conocophillips.com			E-Mail			

Assessment

Discovery	Cause	Source	Confirmation
SITE ASSESSMENT	UNKNOWN	TANK	LAB SAMPLE - RP

Medias: Please Select One or More

☒ Soil
 ☐ Drinking Water
 ☐ Groundwater
 ☐ Surface Water
 ☐ Vapor
 ☐ Free Product

Contaminants: Please Select One or More

☐ Heating Oil
☒ Unleaded Gas
☐ Misc. Gas
☐ Lubricant
☐ Diesel
☐ Solvent

☐ Waste Oil
☐ Leaded Gas
☐ Other Petro
☐ Chemical
☒ MTBE
☐ Unknown

Help
 Close
 Clear
 Save

rt | | **UST Oregon - KDA...** | 9:48 AM

Q-Time # 40207
CRA 12/28/07 CK

NWR'S NFA TRACKING CHECKLIST

ROUTE TO	ACTIVITY	RESPONSIBLE PERSON	DATE COMPLETED
KD	UST database checked by Project Manager (PM) to make sure fees paid and tanks closed and verify w/ Greg UST compliance issues have been resolved	Kevin Dana	6/22/09
KD	OTIS updated with soil disposal, public notice, site status in comments <u>not</u> file status field and other applicable information by PM	Kevin Dana	6/22/09
KD	Draft NFA prepared by PM and submitted to NRS-4 Hydro or Manager for review	Kevin Dana	6/22/09
MPK	Draft NFA approved by NRS-4 Hydro (or Manager, if necessary) and submitted for data entry	MPK	6/30/09
	To Administrative staff for proofreading letter and verify staff completed cost recovery entry	↓	↓
KD	SEQUENT and green sheet updated with final invoice request date	Kevin Dana	7/1/09
	OPTIONAL STEP: Expedited payment request by responsible party (RP) is handled by =====>>	↓	↓
	OPTIONAL STEP: Estimated Expedited Payment Amount given to RP by =====>>	↓	↓
KD	Final invoice paid notice received from Business Office; PM informed by Julie; Julie verify SITE TYPE/STATUS is updated and correct, PM end date	Kevin Dana	9/16/09
KD	Final NFA drafted and signed by PM (and Manager, if necessary) and send for data entry	Kevin Dana	9/16/09
KD	SEQUENT updated with filed closed information and file closure activities complete	Kevin Dana	9/16/09
	Copies made (including copy of NFA, EES, enclosures, attachments, if applicable, and release form for NFA binders) and mailed		

NFA PROCESS COMPLETE



State of Oregon
Department of
Environmental
Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM



Cost Recovery Agreement

This document serves as an agreement between the undersigned (hereinafter "you") and the Department of Environmental Quality (DEQ) regarding DEQ review and oversight of the investigation and/or cleanup of petroleum (hazardous substances) at the property located at:

Facility Name: ConocoPhillips #2705460
Address: 425 NE Broadway St,
Portland, OR 97232 ✓
USTC No.: 26-07-1727

DEQ agrees to review environmental documents submitted by you or on your behalf regarding the investigation and/or cleanup of the above-referenced site. Additional details regarding DEQ oversight will be established upon review of the initial site data.

DEQ requires that persons requesting DEQ review and oversight of investigation and cleanup activities agree to the terms of this cost recovery agreement and pay project oversight costs.

DEQ project oversight costs will include direct costs and indirect costs. Direct costs include site-specific expenses and legal costs. Indirect costs are those general management and support costs of the DEQ, including the Land Quality Division (LQ), allocable to DEQ oversight of this agreement and not charged as direct, site-specific costs. Indirect charges are based on a percentage of direct personal services costs. Review and oversight costs shall not include any unreasonable costs or costs not otherwise recoverable by DEQ under ORS 465.255.

DEQ costs are due within thirty (30) days of issuance of the monthly statement, by a check made payable to the "Department of Environmental Quality".

Electing not to enter into this agreement does not release you from any responsibility that you might have for any reporting requirements, investigation and/or cleanup of petroleum (hazardous substances) at the above referenced facility. This does not preclude the DEQ from conducting audits or inspections of all or portions of the investigation and cleanup activities associated with this facility. Enforcement action may be initiated if any violation of DEQ requirements is found.

Either DEQ or you may terminate this agreement by giving 15 days advance written notice to the other. Only those costs incurred or obligated by DEQ prior to the effective date of any termination of the agreement shall be recoverable under this agreement. Termination of this agreement will not affect any other right DEQ may have for recovery of costs under any applicable law.

You will hold DEQ harmless for any claims (including but not limited to claims of property damage or personal injury) arising from DEQ review and/or oversight activities under this agreement.

This agreement is not and shall not be construed to be an admission by you of any liability under ORS 465.255 or any other law or as a waiver by you of any defense to such liability. This agreement is not and shall not be construed to be a waiver, release, or settlement of claims that DEQ may have against you or any other responsible person nor is this agreement a waiver of any enforcement authority that DEQ may have.

The DEQ Tanks Program will be responsible for the review and oversight of the investigation and cleanup activities associated with the property. Please refer all site-specific inquiries to them at the regional office responsible for your site. For locations and phone numbers of the regional offices, please see the UST Regional Office list at <http://www.deq.state.or.us/wmc/tank/regoffices.htm>.

All inquiries regarding cost recovery and/or invoices should be directed to Dawn Gomez at 503-229-5812.

If the terms of this agreement are acceptable, please have it executed by an authorized officer in the space provided below. In order to more effectively schedule your project, please return this agreement within 30 days of receipt to the regional office responsible for your site.

Accepted and agreed to this 26 day of November, 2007

By: [Signature]

Title: Area Ings. RM&R

Please provide the following information as to where the invoices should be sent.

Individual Name: Michael D. Noll

Title: RM&R Site Manager

Company Name: DXT Services LLC, Noll Environmental

Mail Address: 11921 185th Ave SE

City, State, Zip: Snohomish, WA 98290

Phone Number: 360-794-9523

[Handwritten mark]



UST PETROLEUM RELEASE FORM

(This Section for DEQ Use Only)

LOG NUMBER: _____

RECEIVED BY: _____

-----INCIDENT INFORMATION-----

DATE REPORTED: (today's date) 11/5/07DATE DISCOVERED: 10/12/07SITE NAME: 2705460SITE ADDRESS: 425 NE BroadwaySITE CITY: Portland ZIP: 97232SITE COUNTY: Multnomah PHONE: 281-293-5101REGULATED UST & FAC NBR: 718

NON-REGULATED UST

-----MAIL CONTACTS-----

REPORTED BY (required, person reporting this release to DEQ)

NAME: Justin DauphinaisCOMPANY: SECOR International Inc.ADDRESS: 7730 SW Mohawk StreetCITY: Tualatin ZIP: 97062STATE: OR PHONE: 503-691-2030EMAIL: jdauphinais@secor.com

INVOICE CONTACT (required, may be same as responsible party)

NAME: Michael D. NollCOMPANY: DXT service LLC, Noll EnvironmentalADDRESS: 11921 185th Avenue SECITY: Snohomish ZIP: 98290STATE: WA PHONE: 360-794-9523

RESPONSIBLE PARTY (required, person responsible for remedial action)

NAME: Myron W. SmithCOMPANY: ConocoPhillipsADDRESS: 1230 West Washington StreetCITY: Tempe ZIP: 85281STATE: AZ PHONE: 602-452-2505EMAIL: myron.w.smith@conocophillips.com

OTHER CONTACT(S) (Optional Information)

NAME: Alice LarsenCOMPANY: SECOR International Inc.ADDRESS: 7730 SW Mohawk StreetCITY: Tualatin ZIP: 97062STATE: OR PHONE: 360-356-4657

-----SITE ASSESSMENT (For Cause and Source Descriptions - See Next Page)-----

DISCOVERY: (check one)

- ☐ DECOMMISSIONING
☐ ROUTINE MONITORING
☐ COMPLAINT
☐ LEAK DETECTION
☐ SITE ASSESSMENT
☐ TIGHTNESS TEST
☐ OTHER

CAUSE: (check one)

- ☐ OVERFILL
☐ SPILL
☐ CORROSION
☐ INSTALL PROBLEM
☐ PHYSICAL/MECHANICAL DAMAGE
☐ OTHER
☒ UNKNOWN

SOURCE: (check one)

- ☒ TANK
☐ PIPING
☐ DISPENSER
☐ TURBINE PUMP
☐ DELIVERY PROBLEM
☐ OTHER

CONFIRMATION: (check one)

- ☐ CONTRACTOR
☐ RP REPORT
☐ STAFF DEQ
☐ LAB DEQ
☒ LAB RP
☐ LAB OTHER
☐ OTHER

-----CONTAMINANTS (Select one or more)-----

- ☐ HEATING OIL
☐ DIESEL MOTOR FUEL
☐ OTHER PET. DIST.

- ☒ UNLEADED GASOLINE
☐ WASTE OIL
☐ CHEMICAL

- ☐ LEADED GASOLINE
☐ LUBRICANT
☒ MTBE

- ☐ MISCELLANEOUS GASOLINE
☐ SOLVENT
☐ UNKNOWN

-----IMPACTED MEDIA (Select one or more)-----

- ☐ DRINKING WATER ☐ GROUNDWATER ☐ SURFACE WATER ☒ SOIL ☐ VAPORS ☐ FREE PRODUCT

-----SITE-MANAGEMENT (This Section Department Use Only)-----

RELEASE STOPPED: _____

FINAL REQUEST INVOICE DATE: _____

CLEANUP STARTED: _____

NO FURTHER ACTION: _____

NOTES/COMMENTS: _____



Oregon

Theodore R. Kulongoski, Governor

File
Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4th Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

Fax: (503) 229-6945

TTY: (503) 229-5471

September 16, 2009

JIM TROTTER
CONOCOPHILLIPS COMPANY
1230 W WASHINGTON ST STE 212
TEMPE AZ 85281

Re: ConocoPhillips #2705460
UST Cleanup File No. 26-07-1727
UST Facility ID No. 718

Dear Mr. Trotter:

The Oregon Department of Environmental Quality (DEQ) has completed its review of the information submitted to date concerning a Due Diligence Site Assessment conducted at ConocoPhillips facility #2705460, located at 425 NE Broadway in Portland, Oregon. DEQ has determined that assessment of the site appears to have met the requirements of Oregon Administrative Rules (OAR) 340-122-0205 through 340-122-0360. No further action is required at this time subject to the conditions described below.

This determination is a result of our evaluation and judgment based on the regulations and facts as we now understand them:

SITE HISTORY/BACKGROUND

ConocoPhillips facility #2705460 covers an entire city block in Portland, Oregon, bounded by NE Schuyler Street to the north, NE Broadway to the south, NE Grand Avenue to the east, and NE Martin Luther King Jr. Blvd. to the west. The facility consists of Tax Lot 9600 in the southwest quarter of the southwest quarter of Section 26, Township 1 North, Range 1 East of the Willamette Meridian.

Mobil Oil Corporation purchased the site in 1968 and constructed a service station. Mobil Service Station #10-LC2 operated until 1989, when the facility was transferred to British Petroleum (BP) and became BP Service Station #11033. Contamination at the site was first identified in April 1989, when a soil gas survey conducted as part of the property transaction between Mobil and BP identified elevated concentrations of volatiles at the site.

UST DECOMMISSIONING

Four gasoline USTs were originally present at the site: an 11,800-gallon regular UST, a 10,000-gallon unleaded UST, an 8,000-gallon unleaded UST, and a 6,000-gallon super unleaded UST. The four gasoline USTs, plus a 500-gallon used oil UST, were decommissioned by removal from the site in January 1992 and replaced with three 12,000-gallon gasoline USTs. Approximately



ConocoPhillips #2705460

September 16, 2009

Page 2

1,500 gallons of fuel and rinse water from the USTs were shipped to Fuel Processors in Portland for recycling and disposal. The two fiberglass tanks (the 11,800-gallon and 500-gallon USTs) were disposed of at the Hillsboro Landfill, while the three steel tanks were shipped to Burle Jackson for recycling/reuse.

EXTENT OF CONTAMINATION DEFINED

In March 1990, Rittenhouse-Zeman & Associates (RZA) collected soil samples from four borings at ConocoPhillips facility #2705460. The samples, collected roughly along the four edges of the site, were analyzed for total petroleum hydrocarbons (TPH) by EPA Method 418.1. TPH was detected in all four borings, with a maximum concentration of 540 parts per million (ppm) TPH in the south boring at five feet below ground surface (bgs). No TPH was detected in the same boring at 40 feet bgs.

In January 1991, RZA drilled nine borings at the site (VW-1 through VW-9) for use as vapor extraction wells. Soil samples were collected from all but VW-1 and analyzed for petroleum hydrocarbons by either Method 418.1 or the Hydrocarbon Identification method (HCID). The highest contamination was detected in VW-4, located northeast of the center of the site. TPH was detected at concentrations up to 3,900 ppm, and gasoline-range organics were detected up to 11,700 ppm. The petroleum constituents ethylbenzene (up to 23.6 ppm) and xylenes (up to 49.85 ppm) were also detected.

In April 1991, RZA collected soil samples from a planned groundwater monitoring well (MW-1) on the western edge of the site. No petroleum contamination was detected in the soil samples, and no groundwater was encountered to a depth of 100 feet bgs.

In October 1991, RZA drilled a 10th boring (VW-10) for use as a vapor extraction well. The boring was located just to the south of the contaminated VW-4. Soil samples from the boring showed up to 500 ppm TPH and 1,900 ppm diesel.

In January 1992, during and after the UST decommissioning, the renamed RZA-AGRA collected a total of 52 confirmation soil samples from beneath the USTs, fuel pumps, product lines, and hydraulic hoists at the site. Gasoline was detected in the main tank nest (at concentrations up to 1,470 ppm), beneath the east product lines (up to 4,780 ppm), and beneath the active fuel pump islands (up to 7,320 ppm).

REMEDIAL ACTIONS AND COMPLIANCE MONITORING/SAMPLING

Horizontal vapor extraction lines were installed at ConocoPhillips facility #2705460 in January 1992, and linked to the previously installed vapor extraction wells (except VW-1 and VW-2,

which were abandoned). The lines were installed in the tank excavation pit, beneath the former pump islands, and in the former product line trenches. Vapor wells MW-1, VW-4, and VW-10 were linked together as one vapor extraction system (VES-1), and the remaining wells were linked into a second vapor extraction system (VES-2).

VES-1 and VES-2 began operating in April 1993. RZA-AGRA collected air samples from the systems in April and June 1993 and analyzed the samples for BTEX. All four BTEX contaminants were detected in each system, with maximum concentrations of 8.03 micrograms per liter (ug/l) for benzene, 28.5 ug/l for toluene, 19.4 ug/l for ethylbenzene, and 90.1 ug/l for xylenes.

Although the systems continued to operate, no additional samples were collected until September 1994. AGRA Earth & Environmental collected two air samples (one from each system) at the site every month from September 1994 to June 1995, and then in September and November 1995. The samples were analyzed for BTEX. In September 1994, all four contaminants were detected in each system. Starting in October 1994, no benzene was detected in VES-1, and beginning in November 1994, neither benzene nor ethylbenzene were detected in VES-2. In May and June 1995, however, contaminant concentrations in VES-2 suddenly increased, and benzene and ethylbenzene were detected again. Benzene reappeared in VES-1 in September 1995.

Contaminant concentrations began falling again in 1996. AGRA Earth & Environmental collected air samples in April, June and August 1996 and January 1997, and continued to analyze the samples for BTEX. Beginning in April 1996, only toluene was detected in VES-2. Benzene was last detected in VES-1 in April 1996, and ethylbenzene and xylenes were last detected in VES-1 in August 1996.

AGRA Earth & Environmental collected the final samples from the soil vapor extraction systems in September 1997. The two air samples were analyzed for BTEX by sampling method TO-3. Toluene was detected in VES-1 at 0.6 ug/l and in VES-2 at 0.8 ug/l. No other contaminants were detected. VES-2 continued to operate until October 1998 and removed an estimated 52,456 lbs. of VOCs. VES-1 operated through July 1999 and removed an estimated 92,272 lbs. of VOCs.

In March 2004, URS Corporation collected a total of six soil samples from five shallow borings and one deep boring from around the site to determine the effectiveness of the soil vapor extraction systems. The six samples were analyzed for petroleum products and VOCs. Contaminants were detected in five of the samples, with maximum concentrations of 2,840 ppm gasoline, 736 ppm diesel, 332 ppm heavy oil, 2.48 ppm benzene, 1.76 ppm ethylbenzene, and 1.80 ppm naphthalene.

In October 2007, ATC Associates advanced five borings at the site as part of a Due Diligence Site Assessment. A total of six soil samples were collected from the borings and analyzed for gasoline, diesel, heavy oil, and VOCs. The only significant contamination detected was gasoline in Boring B-2 (located southeast of the UST nest) at a concentration of 32 ppm at 25 feet bgs. No gasoline was detected in the same boring at 35 feet bgs.

CURRENT AND FUTURE GROUNDWATER BENEFICIAL USE DETERMINATION

No groundwater has been encountered at ConocoPhillips facility #2705460 to a depth of 100 feet bgs. The U.S. Geological Survey (USGS) estimates groundwater at the site to be 102 feet bgs. The site is served by the City of Portland's public water supply system, which primarily obtains its water from the Bull Run reservoirs on Mt. Hood, supplemented with groundwater from the Columbia South Shore Wellfield. DEQ identified only one domestic well within a one-mile radius of the site, based on well logs on file with the Oregon Department of Water Resources.

Given the virtual lack of domestic wells in the vicinity of the site, there appears to be no current beneficial use of groundwater in the area. In addition, given the availability of a municipal water supply, no future beneficial use of the groundwater is anticipated.

CURRENT AND FUTURE LAND USE DETERMINATION

ConocoPhillips facility #2705460, along with surrounding properties south of Schuyler Street, is zoned Central Commercial with a Design overlay (CXd) by the City of Portland. Properties to the north of Schuyler Street are zoned Central Employment with a Design overlay (EXd). The Central Commercial zoning is intended to provide for "intense" commercial development with large, closely-spaced buildings and a pedestrian-oriented streetscape. The Central Employment zoning is intended to allow for a variety of uses, including some residential, that needs a central city location. The Design overlays essentially require that redevelopment in the area meet certain Community Design Standards.

With Schuyler Street serving as a clear boundary between the existing zones, it appears reasonably likely that the site will remain zoned for commercial development rather than be rezoned for mixed-use development. Therefore, with a zoning designation favoring commercial and office type developments, the current and reasonably likely future land use of this site is commercial and occupational.

CONTAMINANTS OF INTEREST

Contamination at ConocoPhillips facility #2705460 consists of a mixture of gasoline, diesel, and heavier oils in the soil. The contaminants of interest in gasoline are benzene, toluene,

ethylbenzene, and xylenes (collectively known as "BTEX"), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, isopropylbenzene, n-propylbenzene, naphthalene, methyl tertiary-butyl ether (MTBE), ethylene dibromide, ethylene dichloride, and lead. The contaminants of interest in diesel and heavier oils are a class of chemicals known as polynuclear aromatic hydrocarbons (PAHs).

CONTAMINANTS OF POTENTIAL CONCERN

The following contaminants have been detected in soil and groundwater at ConocoPhillips facility #2705460 at concentrations that exceed one or more of DEQ's Risk-Based Cleanup standards:

- Benzene (at concentrations up to 2.48 ppm in the soil);
- Ethylbenzene (up to 1.76 ppm in the soil);
- Gasoline (up to 2,840 ppm in the soil);
- Naphthalene (up to 1.80 ppm in the soil).

CONCEPTUAL SITE MODEL AND RISK-BASED DETERMINATION

A Conceptual Site Model is a conceptual map of a site that identifies all of the potential ways people may be exposed to contamination at the site, now and in the future. Exposure to the contamination may occur through various routes. For example, residents or occupants of a site may be exposed to soil contamination through direct contact with the soil, or to groundwater contamination by pumping the water from a well and using it for drinking or other domestic purposes. Construction and excavation workers may come into direct contact with contaminated soil or groundwater while digging foundations or utility trenches. The contaminants in soil or groundwater may also volatilize to indoor or outdoor air and be inhaled, or soil contaminants may leach to groundwater and later be ingested.

ConocoPhillips facility #2705460 is zoned Central Commercial with a Design overlay (CXd) by the City of Portland. The intent of the zoning is to provide for "intense" commercial development with large, closely spaced buildings. No residential redevelopment is allowed or anticipated. Consequently, the residential and urban residential exposure scenarios will not be included in the Conceptual Site Model.

Groundwater at the site is estimated to be 102 feet beneath the surface. Given the depth to groundwater, the availability of a municipal water supply, and the virtual lack of water wells in the area, no current or reasonably likely future beneficial use of the groundwater was identified. Consequently, the groundwater ingestion exposure pathway will not be included in the Conceptual Site Model. In addition, because it is unlikely that soil contamination at the site

could leach all the way to groundwater, the soil leaching to groundwater pathway will also not be included in the Conceptual Site Model.

Finally, soil contamination at the site has been detected near the surface in the past, so the direct contact with contaminated soil pathway will be included in the Conceptual Site Model. However, given the estimated depth to groundwater, direct contact with contaminated groundwater will not be included in the Model.

CONTAMINANTS OF CONCERN

Contaminants of Concern at a site are those Contaminants of Potential Concern that exceed DEQ's generic Risk-Based Cleanup (RBC) standards for potential exposure pathways at a site. For ConocoPhillips facility #2705460, the following are the contaminants of concern for the five potential exposure pathways identified in the Conceptual Site Model:

- No soil contaminants at the site are a concern for direct contact under the occupational exposure pathway.
- No soil contaminants at the site are a concern for direct contact under the construction worker exposure pathway.
- No soil contaminants at the site are a concern for direct contact under the excavation worker exposure pathway.
- One soil contaminant at the site is a concern for vapor intrusion into indoor air under the occupational exposure pathway: benzene.
- No soil contaminants at the site are a concern for volatilization to outdoor air under the occupational exposure pathway.

In summary, the only Contaminant of Concern at ConocoPhillips facility #2705460 is benzene.

RISK MANAGEMENT

Five potential exposure pathways were identified in the Conceptual Site Model for ConocoPhillips facility #2705460. Of the five potential pathways, four are incomplete, and do not show a current or future risk to human health, because no contaminants have been detected at the site in concentrations that exceed DEQ's generic Risk-Based Cleanup (RBC) standards for those pathways. Consequently, no further action is necessary with regards to those pathways.

The remaining potential exposure pathway involves the potential for benzene to volatilize from the soil and enter on-site occupational structures. Benzene was detected in Soil Boring #3 (SB-3) in the area of the east pump island at a concentration of 2.48 ppm in March 2004. DEQ's generic RBC standard for vapor intrusion of benzene into occupational structures is 1.20 ppm. However, URS Corporation reported that SB-3 is located about 45 feet from the current service station building. This distance, combined with the benzene being 20 feet bgs, makes it unlikely that sub-surface benzene vapors could migrate to the building in significant concentrations. In addition, the other five soil samples collected in March 2004, as well as the six soil samples collected in October 2007, showed benzene concentrations well below the RBC. Consequently, there appears to be no actual risk to current site occupants through the vapor intrusion pathway, so no further action is necessary with regard to this pathway.

ECOLOGICAL RISK EVALUATION

No ecological risk evaluation has been conducted at ConocoPhillips facility #2705460. The site is located in an urbanized area in the City of Portland. No natural environments are present within 1,000 feet of the site, and no surface water bodies have been identified within 1,500 feet of the site. Due to the lack of natural environments, and because the contamination is below the surface, no adverse impacts to ecological receptors are anticipated.

PUBLIC NOTICE

No public notice and comment was provided for the proposed No Further Action determination at ConocoPhillips facility #2705460. DEQ previously made an NFA determination for this site on November 8, 2006. (See file #26-89-0073). The current file was opened for the site when SECOR International reported that contamination had been detected in the soil during a Due Diligence Site Assessment in October 2007. Because the contaminant concentrations were consistent with what was left behind at the site in 2006, no additional public notice of the contamination was deemed to be necessary.

NFA DETERMINATION

Contamination remains at ConocoPhillips facility #2705460. DEQ approves leaving the contamination in-place because the contamination does not present an unacceptable risk to human health, safety, welfare, or the environment. DEQ's approval to leave contamination at the site is based upon the site conditions and controls described above.

Any future work in the contaminated areas of the property, including any sampling, management, and disposal of contaminated soil, sediment and/or groundwater must be performed in accordance with DEQ regulations and policies.

ConocoPhillips #2705460
September 16, 2009
Page 8

DEQ's determination that no further action is necessary will not apply if new or undisclosed facts show that the cleanup does not comply with the referenced rules. In addition, this determination only applies to the contamination described above, and does not apply to contamination that may have originated from other sources not addressed by this letter.

DEQ recommends keeping a copy of all the documentation associated with the contamination with your permanent facility records.

Your efforts to comply with the regulations to ensure that your facility has been adequately cleaned up have been appreciated. If you have any questions, please contact me at (503) 229-5369.

Respectfully,



Kevin Dana, UST Cleanup Specialist
UST Cleanup and Compliance Section



Michael H. Korten, Manager
UST Section and Hazardous Waste Compliance

cc: Justin Dauphinais
Stantec Consulting Corp
7730 SW Mohawk St
Tualatin OR 97062

Kevin Miller
ATC Associates Inc
9185 S Farmer Ave Ste 107
Tempe AZ 85284

Todd Vanek
Delta Consultants
4640 SW Macadam Ave Ste 110
Portland OR 97239

DANA Kevin

From: KENT Lynne
Sent: Wednesday, September 16, 2009 12:48 PM
To: DANA Kevin
Subject: FW: NFA/Refund Request

A good one for you~

Lynne

From: HUNTER Laurie
Sent: Wednesday, September 16, 2009 12:03 PM
To: ISMERIO Dawn
Cc: KORTENHOF Mike; KENT Lynne; CLARK Liz
Subject: NFA/Refund Request

All final charges have been applied to the ConocoPhillips #2705460 (26-07-1727) T35160 site leaving a credit balance of \$1213.59 that needs to be refunded due to a duplicate payment. If the NFA has not already been sent, it may be sent now. I will close the business office file and CRIS account as soon as the refund process is completed.

Dawn, please prepare the refund request as follows:

T35160 ConocoPhillips #2705460 (26-07-1727)
Transmittal Date: 9/14/09
Deposit Slip #: 25221
Check #: 00881392
Payer: ConocoPhillips
Refund Amount: \$1213.59

Thanks.

Laurie Hunter
DEQ - Accounting
Phone: (503) 229-5698
Fax: (503) 229-6730
E-mail: hunter.laurie@deq.state.or.us



Oregon

Theodore R. Kulongoski, Governor

file

Department of Environmental Quality

Northwest Region Portland Office
2020 SW 4th Avenue, Suite 400
Portland, OR 97201-4987
(503) 229-5263

Fax: (503) 229-6945
TTY: (503) 229-5471

July 1, 2009

JIM TROTTER
CONOCOPHILLIPS COMPANY
1230 W WASHINGTON ST STE 212
TEMPE AZ 85281

Re: ConocoPhillips #2705460
UST Cleanup File No. 26-07-1727
UST Facility ID No. 718

Dear Mr. Trotter:

The Oregon Department of Environmental Quality (DEQ) has received and reviewed ATC Associates' "Due Diligence Site Assessment Report", dated February 1, 2008, and Stantec Consulting Corporation's "Request for File Closure", dated January 26, 2009. Based on these reports and other file information, it appears that your property located at 425 NE Broadway in Portland, Oregon, has met the appropriate cleanup requirements for a No Further Action (NFA) letter.

You should see a final invoice for this project in approximately 30 days. Once the final invoice is paid, DEQ will send you the NFA letter.

If you have any questions, please feel free to contact me at (503) 229-5369.

Sincerely,

Kevin Dana

Kevin Dana
UST Cleanup Specialist

cc: Justin Dauphinais
Stantec Consulting Corp
7730 SW Mohawk St
Tualatin OR 97062

Kevin Miller
ATC Associates Inc
9185 S Farmer Ave Ste 107
Tempe AZ 85284

Todd Vanek
Delta Consultants
4640 SW Macadam Ave Ste 110
Portland OR 97239

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415 NE BROADWAY - ELIOT - PORTLAND

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Census 2000 Information

415 NE BROADWAY PORTLAND, OR 97232

Description	Service Station
Size	684 square feet
Number of Bedrooms	
Bathrooms	



Photo



Property Value (2008)

Market Value	\$7,168,540.00
Assessed Value	\$2,210,380.00

Taxes (2008)

Property Taxes	\$46,936.98
Total Taxes	\$46,936.98

Misc Info

Year Built	1992
Foundation Type	
Interior Finish	
Roof Style	
Roof Cover Type	
Flooring Type	
Heating/AC Type	

City of Portland, Corporate GIS

Assessor Data Updated 5/25/2009

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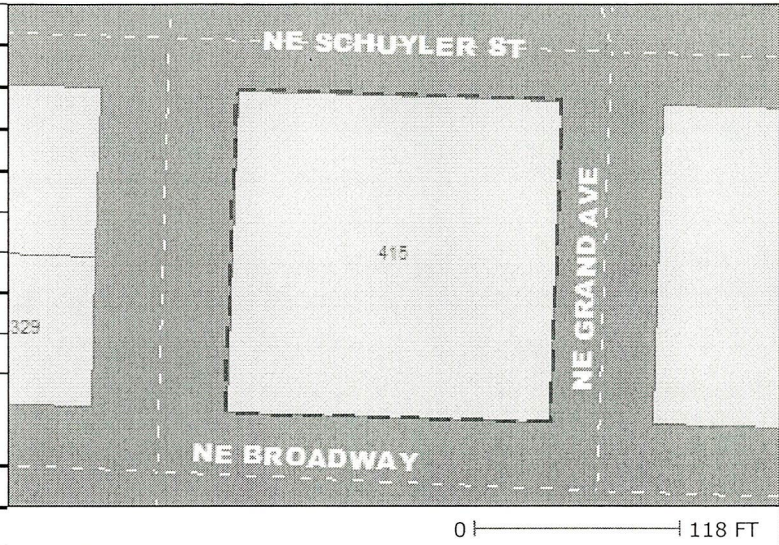
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415 NE BROADWAY - ELIOT - PORTLAND

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[Summary](#) | **[Assessor](#)** | [Permits/Cases](#) | [Block](#) | [Schools](#) | [Parks](#) | [Businesses](#) | [CIPs](#) | [Development](#) | [Stormwater Incentives](#) | [Stormwater Management](#) | [Noise](#) | [Historic Permits](#)

General Information

Property ID	R182492
County	MULTNOMAH
State ID	1N1E26CC 9600
Alt Account #	R396217410
Map Number	2831 OLD
Site Info	
Site Address	415 NE BROADWAY
City/State/Zip	PORTLAND OR 97232
Owner Info (Privacy)	
Owner(s) Name	CONVENIENCE RETAILERS LLC %CONOCO PHILLIPS CO %SMART BUSINESS ADVISORY
Owner Address	P O BOX 59365
City/State/Zip	SCHAUMBURG IL 60159-0365



Property Description

Tax	HOLLADAYS ADD; EXC PT IN ST LOT 1-5 BLOCK 242; LOT 6-8 BLOCK 242	Use	SA
Lot	1-5,6-8	Block	242

Tax Districts

101	PORT OF PORTLAND	130	CITY OF PORTLAND
130L	CITY OF PORTLAND CHILDREN LOP	130M	CITY OF PORTLAND PARKS LOP
143	METRO	164	EAST MULT SOIL/WATER
170	MULTNOMAH COUNTY	170L	MULT CO LIBRARY LOCAL OPT TAX
171	URBAN RENEWAL PORTLAND	173	URB REN SPECIAL LEVY - PORTLAND
198	TRI-MET TRANSPORTATION	304	MULTNOMAH CO ESD
309	PORTLAND COMM COLLEGE	311	PORTLAND SCHOOL DIST #1

Deed Information

Sale Date	Type	Instrument	Sale Price
12/01/1993	WARRANTY DEED	28080912	\$1,818,461.00
	SW	2008016180	\$0.00
	SW	2003303932	\$0.00

Land Information

Type	Acres	SQFT
CONVERTED COMMERCIAL SEGMENT	0.8300	36,100

Improvement Information

Improvement Type	Service Station
Improvement Value	\$2,826,010.00

Room Descriptions		
Building Class SERVICE STATION W/STORE		
Actual Year Built 1992		Effective Year Built
Number of Segments 1		Construction Style
Foundation Type		Interior Finish
Roof Style		Roof Cover Type
Flooring Type		Heating/AC Type
Plumbing		Fireplace Type
Improvement Details		
# Segment Type	Class	Total Area
1 Main		684
1 Surface Parking	3	15,000
2 Landscaping	2	8,000
3 Concrete	2	11,700

Tax History		
Year	Property Tax	Total Tax
2008	\$46,936.98	\$46,936.98
2007	\$46,795.88	\$46,795.88
2006	\$42,022.76	\$42,022.76
2005	\$40,135.81	\$40,135.81
2004	\$43,713.30	\$43,713.30
2003	\$42,745.74	\$42,745.74
2002	\$39,255.57	\$39,255.57
2001	\$37,430.86	\$37,430.86
2000	\$36,558.20	\$36,558.20
1999	\$33,990.60	\$33,990.60
1998	\$33,457.58	\$33,457.58
1997	\$31,612.27	\$31,612.27

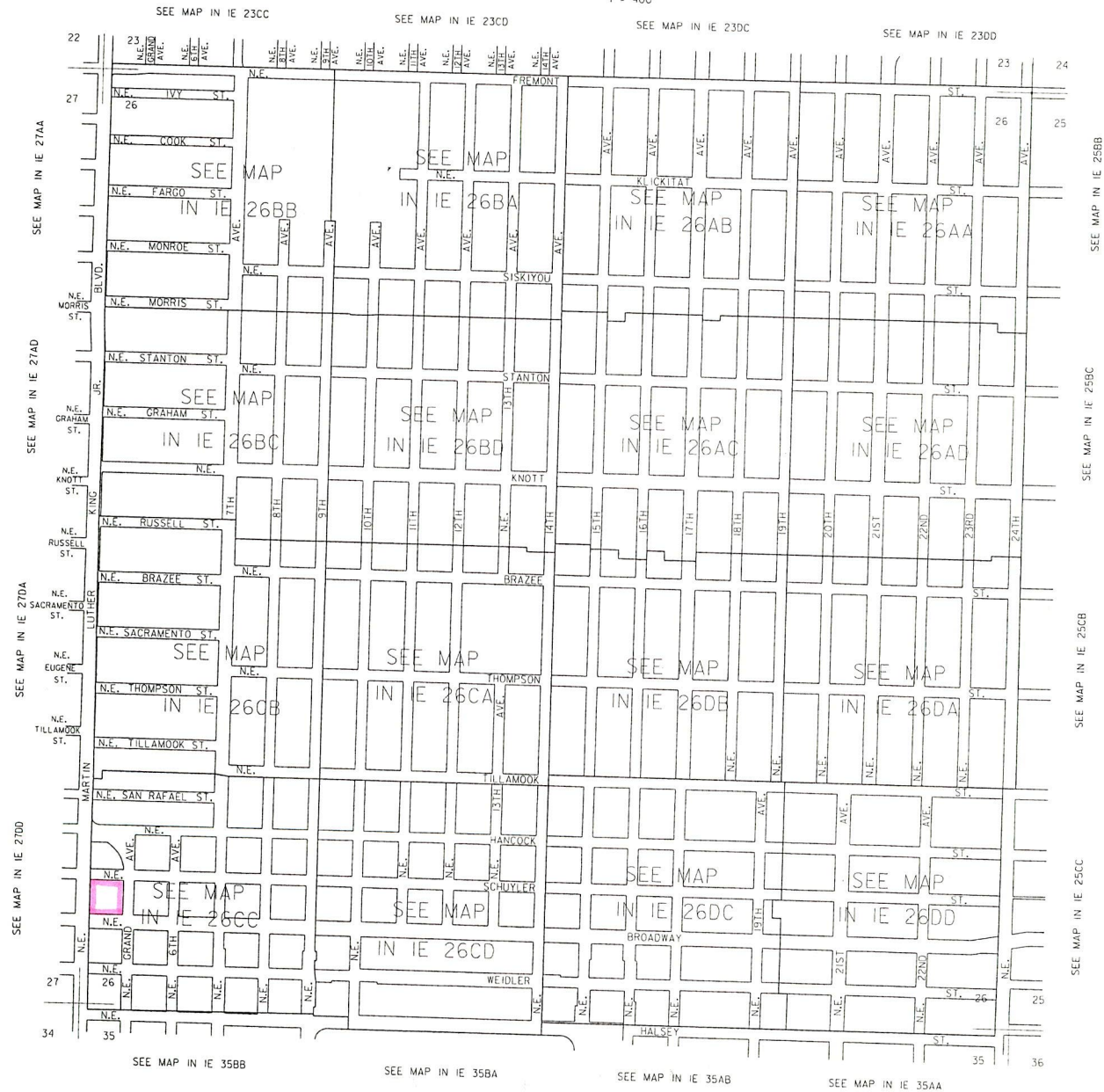
Assessment History						
Year	Improvements	Land	Special Mkt/Use	Real Market	Exemptions	Assessed
2008	\$2,826,010.00	\$4,342,530.00	\$0.00	\$7,168,540.00	\$0.00	\$2,210,380.00
2007	\$2,666,040.00	\$4,096,720.00	\$0.00	\$6,762,760.00	\$0.00	\$2,146,000.00
2006	\$1,960,330.00	\$3,012,300.00	\$0.00	\$4,972,630.00	\$0.00	\$2,083,500.00
2005	\$1,647,330.00	\$2,531,340.00	\$0.00	\$4,178,670.00	\$0.00	\$2,022,820.00
2004	\$1,539,560.00	\$2,365,740.00	\$0.00	\$3,905,300.00	\$0.00	\$1,963,910.00
2003	\$1,539,560.00	\$2,365,740.00	\$0.00	\$3,905,300.00	\$0.00	\$1,906,710.00
2002	\$1,480,350.00	\$2,274,750.00	\$0.00	\$3,755,100.00	\$0.00	\$1,851,180.00
2001	\$1,480,350.00	\$2,274,750.00	\$0.00	\$3,755,100.00	\$0.00	\$1,797,270.00
2000	\$1,184,280.00	\$1,819,800.00	\$0.00	\$3,004,080.00	\$0.00	\$1,744,930.00
1999	\$986,900.00	\$1,516,500.00	\$0.00	\$2,503,400.00	\$0.00	\$1,694,110.00
1998	\$889,100.00	\$1,366,200.00	\$0.00	\$2,255,300.00	\$0.00	\$1,644,770.00
1997	\$806,700.00	\$1,301,100.00	\$0.00	\$2,107,800.00	\$0.00	\$1,596,870.00

THIS MAP WAS PREPARED FOR
ASSESSMENT PURPOSE ONLY

SECTION 26 T.1N. R.1E. W.1M.
MULTNOMAH COUNTY

1" = 400'

IN IE 26
INDEX
PORTLAND



IN IE 26
INDEX
PORTLAND

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SW1/4 SW1/4 SEC. 26 T.1N. R.1E. W.M.
MULTNOMAH COUNTY

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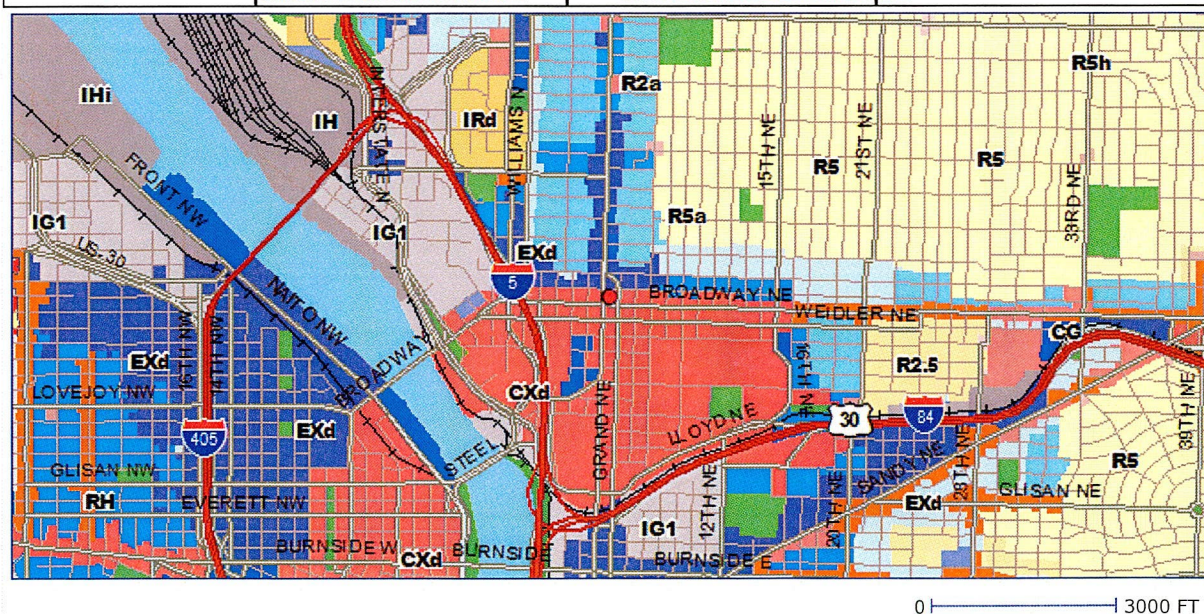
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[Summary](#) | [Elevation](#) | [Garbage](#) | [Hazard](#) | [Natural Resources](#) | [Photo](#) | [Property](#) | [Water](#) | [Sewer](#) | [Tax Map](#) | [UGB](#) | [Watershed](#) | [Zip Code](#) | [Zoning](#)

Zoning



Zone	CX (Central Commercial)	Plan District	Central City
Overlay	d	NRMP District	
Comp Plan	CX	Historical Resource Type	
Comp Plan Overlay		Historic District	
Zoning Map	2831	Conservation District	
Urban Renewal Area	Oregon Convention Center	Wellhead Protection Area	No



City of Portland, Corporate GIS

6/2/2009

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Commercial Zones - Printable Version**CN1 (Neighborhood Commercial 1) zone**

The Neighborhood Commercial 1 (CN1) zone is intended for small sites in or near dense residential neighborhoods. The zone encourages the provision of small scale retail and service uses for nearby residential areas. Some uses which are not retail or service in nature are also allowed so a variety of uses may locate in existing buildings. Uses are restricted in size to promote a local orientation and to limit adverse impacts on nearby residential areas. Development is intended to be pedestrian-oriented and compatible with the scale of surrounding residential areas. Parking areas are restricted, since their appearance is generally out of character with the surrounding residential development and the desired orientation of the uses.

CN2 (Neighborhood Commercial 2) zone

The Neighborhood Commercial 2 (CN2) zone is intended for small commercial sites and areas in or near less dense or developing residential neighborhoods. The emphasis of the zone is on uses which will provide services for the nearby residential areas, and on other uses which are small scale and have little impact. Uses are limited in intensity to promote their local orientation and to limit adverse impacts on nearby residential areas. Development is expected to be predominantly auto accommodating, except where the site is adjacent to a transit street or in a Pedestrian District. The development standards reflect that the site will generally be surrounded by more spread out residential development.

CO1 (Office Commercial 1) zone

The Office Commercial 1 (CO1) zone is used on small sites in or near residential areas or between residential and commercial areas. The zone is intended to be a low intensity office zone that allows for small scale offices in or adjacent to residential neighborhoods. The allowed uses are intended to serve nearby neighborhoods and/or have few detrimental impacts on the neighborhood. Development is intended to be of a scale and character similar to nearby residential development to promote compatibility with the surrounding area. Development should be oriented to pedestrians along transit streets and in Pedestrian Districts.

CO2 (Office Commercial 2) zone

The Office Commercial 2 (CO2) zone is a low and medium intensity office zone generally located on Major City Traffic Streets as designated by the Transportation Element of the Comprehensive Plan. Uses are limited to those in the Office category and may have a local or regional emphasis. The zone is intended to prevent the appearance of strip commercial development by allowing office uses but not other commercial uses. Commercial uses are also restricted to limit detrimental impacts on nearby residential areas. Development is expected to be somewhat auto-accommodating. Where the site is adjacent to a transit street or in a Pedestrian District, development should be oriented to pedestrians. The development standards allow for more intense development than in the CO1 zone, but not so intense as the CG zone.

CM (Mixed Commercial/Residential) zone

The Mixed Commercial/Residential (CM) zone promotes development that combines commercial and housing uses on a single site. This zone allows increased development on busier streets without fostering a strip commercial appearance. This development type will support transit use, provide a buffer between busy streets and residential neighborhoods, and provide new housing opportunities in the City. The emphasis of the nonresidential uses is primarily on locally oriented retail, service, and office uses. Other uses are allowed to provide a variety of uses that may locate in existing buildings. Development is intended to consist primarily of businesses on the ground floor with housing on upper stories. Development is intended to be pedestrian-oriented with buildings close to and oriented to the sidewalk, especially at corners.

CS (Storefront Commercial) zone

The Storefront Commercial (CS) zone is intended to preserve and enhance older commercial areas that have a storefront character. The zone intends that new development in these areas will be compatible with this desired character. The zone allows a full range of retail, service and business uses with a local and regional market area. Industrial uses are allowed but are limited in size to avoid adverse effects different in kind or amount than commercial uses and to ensure that they do not dominate the character of the commercial area. The desired character includes areas which are predominantly built-up, with buildings close to and oriented towards the sidewalk especially at corners. Development is intended to be pedestrian-oriented and buildings with a storefront character are encouraged.

CG (General Commercial) zone

The General Commercial (CG) zone is intended to allow auto-accommodating commercial development in areas already predominantly built in this manner and in most newer commercial areas. The zone allows a full range of retail and service businesses with a local or regional market. Industrial uses are allowed but are limited in size to avoid adverse effects different in kind or amount than commercial uses and to ensure that they do not dominate the character of the commercial area. Development is expected to be generally auto-accommodating, except where the site is adjacent to a transit street or in a Pedestrian District. The zone's development standards promote attractive development, an open and pleasant street appearance, and compatibility with adjacent residential areas. Development is intended to be aesthetically pleasing for motorists, transit users, pedestrians, and the businesses themselves.

CX (Central Commercial) zone

The Central Commercial (CX) zone is intended to provide for commercial development within Portland's most urban and intense areas. A broad range of uses is allowed to reflect Portland's role as a commercial, cultural and governmental center. Development is intended to be very intense with high building coverage, large buildings, and buildings placed close together. Development is intended to be pedestrian-oriented with a strong emphasis on a safe and attractive streetscape.

[Zoning Code](#)[Zoning Code Update Notifications](#)[Zoning Code Update Pages](#)[Zoning Code Complete](#)[Cover, Title Page, Acknowledgements, Preface](#)[Contents](#)[10s Introduction](#)[100s Base Zones](#)[200s Additional Use and Development Regulations](#)[400s Overlay Zones](#)[500s Plan Districts](#)[600s Land Divisions and Planned Developments](#)[700s Administration and Procedures](#)[800s Land Use Reviews](#)[900s General Terms](#)[Zone Summaries](#)[Zoning Code Update Archive](#)[Table of Contents](#)[Commercial Zones](#)[Employment and Industrial Zones](#)[Historic Resource Protection Overlay Zone](#)[Multi-Dwelling Residential Zones](#)[Natural Resource Management Plans](#)[Open Space Zone](#)[Overlay Zones](#)[Plan Districts](#)[Single Dwelling Zones](#)

Employment and Industrial Zones - Printable Version**General Employment zones**

The General Employment zones implement the Mixed Employment map designation of the Comprehensive Plan. The zones allow a wide range of employment opportunities without potential conflicts from interspersed residential uses. The emphasis of the zones is on industrial and industrially-related uses. Other commercial uses are also allowed to support a wide range of services and employment opportunities. The development standards for each zone are intended to allow new development which is similar in character to existing development. The intent is to promote viable and attractive industrial/commercial areas.

1. General Employment 1. EG1 areas generally have smaller lots and a grid block pattern. The area is mostly developed, with sites having high building coverages and buildings which are usually close to the street. EG1 zoned lands will tend to be on strips or small areas.

2. General Employment 2. EG2 areas have larger lots and an irregular or large block pattern. The area is less developed, with sites having medium and low building coverages and buildings which are usually set back from the street. EG2 zoned lands will generally be on larger areas than those zoned EG1.

EX (Central Employment) zone

This zone implements the Central Employment map designation of the Comprehensive Plan. The zone allows mixed uses and is intended for areas in the center of the City that have predominantly industrial type development. The intent of the zone is to allow industrial, business, and service uses which need a central location. Residential uses are allowed, but are not intended to predominate or set development standards for other uses in the area. The development standards are intended to allow new development which is similar in character to existing development.

General Industrial zones

The General Industrial zones are two of the three zones that implement the Industrial Sanctuary map designation of the Comprehensive Plan. The zones provide areas where most industrial uses may locate, while other uses are restricted to prevent potential conflicts and to preserve land for industry. The development standards for each zone are intended to allow new development which is similar in character to existing development. The intent is to promote viable and attractive industrial areas.

1. General Industrial 1. IG1 areas generally have smaller lots and a grid block pattern. The area is mostly developed, with sites having high building coverages and buildings which are usually close to the street. IG1 areas tend to be the City's older industrial areas.

2. General Industrial 2. IG2 areas generally have larger lots and an irregular or large block pattern. The area is less developed, with sites having medium and low building coverages and buildings which are usually set back from the street.

IH (Heavy Industrial) zone

This zone is one of the three zones that implement the Industrial Sanctuary map designation of the Comprehensive Plan. The zone provides areas where all kinds of industries may locate including those not desirable in other zones due to their objectionable impacts or appearance. The development standards are the minimum necessary to assure safe, functional, efficient, and environmentally sound development.

Zoning Code
[Zoning Code Update Notifications](#)
[Zoning Code Update Pages](#)
[Zoning Code Complete](#)
[Cover, Title Page, Acknowledgements, Preface Contents](#)
[10s Introduction](#)
[100s Base Zones](#)
[200s Additional Use and Development Regulations](#)
[400s Overlay Zones](#)
[500s Plan Districts](#)
[600s Land Divisions and Planned Developments](#)
[700s Administration and Procedures](#)
[800s Land Use Reviews](#)
[900s General Terms](#)
Zone Summaries
[Zoning Code Update Archive](#)
[Table of Contents](#)
Commercial Zones**Employment and Industrial Zones**
[Historic Resource Protection Overlay Zone](#)
[Multi-Dwelling Residential Zones](#)
[Natural Resource Management Plans](#)
[Open Space Zone](#)
[Overlay Zones](#)
[Plan Districts](#)
[Single Dwelling Zones](#)

**Overlay Zones** - Printable Version**Alternative Design Density (a) overlay zone**

The purpose of the Alternative Design Density Overlay Zone is to focus development on vacant sites, preserve existing housing and encourage new development that is compatible with and supportive of the positive qualities of residential neighborhoods. The concept for the zone is to allow increased density for development that meets additional design compatibility requirements.

Buffer (b) overlay zone

The Buffer overlay zone requires additional buffering between nonresidential and residential zones. It is used when the base zone standards do not provide adequate separation between residential and nonresidential uses. The separation is achieved by restricting motor vehicle access, increasing setbacks, requiring additional landscaping, restricting signs, and in some cases by requiring additional information and proof of mitigation for uses that may cause off-site impacts and nuisances.

Design (d) overlay zone

The Design Overlay Zone promotes the conservation, enhancement, and continued vitality of areas of the City with special scenic, architectural, or cultural value. This is achieved through the creation of design districts and applying the Design Overlay Zone as part of community planning projects, development of design guidelines for each district, and by requiring design review or compliance with the Community Design Standards. In addition, design review or compliance with the Community Design Standards ensures that certain types of infill development will be compatible with the neighborhood and enhance the area.

Environmental ((p) and (c) and NRMP) overlay zones

Environmental zones protect resources and functional values that have been identified by the City as providing benefits to the public. The environmental regulations encourage flexibility and innovation in site planning and provide for development that is carefully designed to be sensitive to the site's protected resources. The environmental regulations also carry out Comprehensive Plan policies and objectives.

- **Purpose of the Environmental Protection Zone**

The Environmental Protection zone provides the highest level of protection to the most important resources and functional values. These resources and functional values are identified and assigned value in the inventory and economic, social, environmental, and energy (ESEE) analysis for each specific study area. Development will be approved in the environmental protection zone only in rare and unusual circumstances.

The Environmental Protection overlay zone is applied wherever the City determines that highly significant resources and functional values are present. The Environmental Protection overlay zone is shown on the Official Zoning Maps with the "p" symbol.

- **Purpose of the Environmental Conservation Zone**

The Environmental Conservation zone conserves important resources and functional values in areas where the resources and functional values can be protected while allowing environmentally sensitive urban development.

The Environmental Conservation overlay zone is applied wherever the City determines that significant resources and functional values are present. The Environmental Conservation overlay zone is shown on the Official Zoning Maps with the "c" symbol.

- **Natural Resource Management Plan (NRMP).** Additionally, Natural Resource Management Plans may contain regulations that supersede or supplement the regulations of this chapter. Whenever natural resource management plan provisions conflict with other provisions of this chapter, the natural resource management plan provisions supersede. Non-conflicting provisions supplement the provisions of this chapter. Maps 430-9, 10, 11 and 12 show Natural Resource Management Plan areas.

Future Urban (f) overlay zone

The Future Urban overlay zone limits development in future urban areas. Future urban areas are, (1) all areas beyond the Metropolitan Service District's Urban Growth Boundary (UGB), and (2) areas within the UGB to which the extension of full urban services would not be cost effective or would cause unacceptable harm to the environment. The Future Urban overlay zone limits development by prohibiting the creation of new lots with a total area of less than 20 acres.

Greenway ((g), (i), (n), (r), or (q)) overlay zones

The Greenway regulations are intended to:

- Protect, conserve, enhance, and maintain the natural, scenic, historical, economic, and recreational qualities of lands along Portland's rivers;
- Establish criteria, standards, and procedures for the development of land, change of uses, and the intensification of uses within the greenway;
- Increase public access to and along the Willamette River for the purpose of increasing recreational opportunities, providing emergency vehicle access, assisting in flood protection and control, providing connections to other transportation systems, and helping to create a pleasant, aesthetically pleasing urban environment; and
- Implement the City's Willamette Greenway responsibilities as required by ORS 390.310 to 390.368; and

Zoning Code

[Zoning Code Update Notifications](#)

[Zoning Code Update Pages](#)

[Zoning Code Complete](#)

[Cover, Title Page, Acknowledgements, Preface](#)

[Contents](#)

[10s Introduction](#)

[100s Base Zones](#)

[200s Additional Use and Development Regulations](#)

[400s Overlay Zones](#)

[500s Plan Districts](#)

[600s Land Divisions and Planned Developments](#)

[700s Administration and Procedures](#)

[800s Land Use Reviews](#)

[900s General Terms](#)

Zone Summaries

[Zoning Code Update Archive](#)

Table of Contents**Commercial Zones**

[Employment and Industrial Zones](#)

[Historic Resource Protection Overlay Zone](#)

[Multi-Dwelling Residential Zones](#)

[Natural Resource Management Plans](#)

[Open Space Zone](#)

[Overlay Zones](#)

[Plan Districts](#)

[Single Dwelling Zones](#)

- Implement the water quality performance standards of Metro's Title 3, which are intended to protect and improve water quality to support designated beneficial water uses, and to protect the functional values of the water quality resource area which include: providing a vegetated corridor to separate protected water features from development; maintaining or reducing stream temperatures; maintaining natural stream corridors; minimizing erosion, nutrient and pollutant loading into water; filtering, infiltration and natural water purification; and stabilizing slopes to prevent landslides contributing to sedimentation of water features.

River Natural (n). The River Natural zone protects, conserves, and enhances land of scenic quality or of significant importance as wildlife habitat.

River Recreational (r). The River Recreational zone encourages river-dependent and river-related recreational uses which provide a variety of types of public access to and along the river, and which enhance the river's natural and scenic qualities.

River General (g). The River General zone allows for uses and development which are consistent with the base zoning, which allow for public use and enjoyment of the waterfront, and which enhance the river's natural and scenic qualities.

River Industrial (i). The River Industrial zone encourages and promotes the development of river-dependent and river-related industries which strengthen the economic viability of Portland as a marine shipping and industrial harbor, while preserving and enhancing the riparian habitat and providing public access where practical.

River Water Quality (q). The River Water Quality zone is designed to protect the functional values of water quality resources by limiting or mitigating the impact of development in the setback.

Aircraft Landing (h) overlay zone

The Aircraft Landing overlay zone provides safer operating conditions for aircraft in the vicinity of Portland International Airport by limiting the height of structures and vegetation.

Main Street Node (j) overlay zone

The Main Street Node overlay zone regulations encourage a mix of residential, commercial, and employment opportunities within identified centers of activity along Sandy Boulevard. The zone allows for efficient use of land at increased densities for the mutual reinforcement of public investments and private development. Allowing additional height and floor area for all uses encourages transit-supportive densities and a mix of uses and activities.

Main Street Corridor (m) overlay zone

The Main Street Node overlay zone regulations encourage higher density residential uses by allowing greater building heights, reducing required building coverage for residential development; and allowing more flexibility in site design. The intent of the zone is to provide transit-supportive levels of residential uses, in addition to commercial uses along the Sandy Boulevard main street, between centers of commercial and mixed-use activity.

Scenic Resources (s) overlay zone

The Scenic Resource zone is intended to:

- Protect Portland's significant scenic resources as identified in the Scenic Resources Protection Plan;
- Enhance the appearance of Portland to make it a better place to live and work;
- Create attractive entrance ways to Portland and its districts;
- Improve Portland's economic vitality by enhancing the City's attractiveness to its citizens and to visitors;
- Implement the scenic resource policies and objectives of Portland's Comprehensive Plan.

The purposes of the Scenic Resource zone are achieved by establishing height limits within view corridors to protect significant views and by establishing additional landscaping and screening standards to preserve and enhance identified scenic resources.

Light Rail Transit Station (t) overlay zone

The Light Rail Transit Station overlay zone encourages a mixture of residential, commercial, and employment opportunities within identified light rail station areas. The zone allows for a more intense and efficient use of land at increased densities for the mutual re-enforcement of public investments and private development. Uses and development are regulated to create a more intense built-up environment, oriented to pedestrians, and ensuring a density and intensity that is transit supportive. The development standards of the zone also are designed to encourage a safe and pleasant pedestrian environment near transit stations by encouraging an intensive area of shops and activities, by encouraging amenities such as benches, kiosks, and outdoor cafes, and by limiting conflicts between vehicles and pedestrians.

Pleasant Valley Natural Resources (v) overlay zone

The purpose of the Pleasant Valley Natural Resources overlay zone is to:

- Protect and conserve significant natural resources in Pleasant Valley, recognizing that existing houses and other existing uses will continue and limited new development will occur in the zone;
- Facilitate restoration and enhancement of stream corridors, wetlands, and forests within Pleasant Valley;
- Maintain streams and riparian areas as a natural area amenity for the community of Pleasant Valley;
- Protect existing floodplains and wetlands, and restore these areas for improved hydrology, flood protection, aquifer recharge, and habitat functions;
- Protect upland habitats and enhance connections between upland and riparian habitats within Pleasant Valley and between Pleasant Valley and the nearby habitats of Powell and Clatsop Buttes and Butler Ridge;
- Maintain and enhance water quality and control erosion and sedimentation through revegetation of disturbed sites and through limits on construction, impervious surfaces, and pollutant discharges in the zone; and
- Conserve the scenic, recreational, and educational values of significant natural resources in the zone.

DANA Kevin

From: Todd Vanek [TVanek@deltaenv.com]
Sent: Wednesday, May 20, 2009 12:47 PM
To: DANA Kevin
Subject: COP OR Site Transition
Attachments: COP Oregon Site Transition_20090520_KD.pdf

Hello Kevin:

Consulting services at the COP sites in the attached file have been transitioned from Stantec to Delta Consultants during April and May 2009. Please CC Delta on all future correspondence.
I will be the PM contact.

Formal letters will be sent in June but Delta will be responsible for any correspondence during the transition period.

Let me know if you have any questions or comments.

Todd J. Vanek
Delta Consultants
tvanek@deltaenv.com
4640 SW Macadam Avenue, Suite 110
Portland, Oregon 97239
Direct: 503-863-2104
Mobile: 503-807-0847
USA Toll free: 800.477.7411
www.deltaenv.com



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Conoco Philips Site Transition
Oregon Portfolio

Facility ID	Address	City	USTC#	DEQ Contact	Previous Consultant
2705460	425 NE BROADWAY ST	PORTLAND	26-07-1727	Kevin Dana	Stantec

** Sites transition to Delta Consultants during 2Q09.

DANA Kevin

From: HUNTER Laurie
Sent: Tuesday, February 24, 2009 1:33 PM
To: DANA Kevin; ISMERIO Dawn
Subject: RE: ConocoPhillips Sites

Actually, Dawn sent us an e-mail earlier this month asking us to update all Michael Noll sites to ConocoPhillips, attn: Jim Trotter. These two did get changed and so January invoices will go to the correct address. LH

From: DANA Kevin
Sent: Tuesday, February 24, 2009 1:14 PM
To: HUNTER Laurie; ISMERIO Dawn
Subject: FW: ConocoPhillips Sites

This e-mail got lost in the shuffle, unfortunately, so it's probably too late for this month's invoices.

I only have two ConocoPhillips sites assigned to me:

ConocoPhillips #255450 LUST #26-07-1043 Q-Time #39952 Business Office #T35145

ConocoPhillips #2705460 LUST #26-07-1727 Q-Time #40207 Business Office #T35160

Thanks! Kevin

From: Dauphinais, Justin [mailto:Justin.Dauphinais@stantec.com]
Sent: Friday, February 13, 2009 8:54 AM
To: DANA Kevin
Subject: FW: ConocoPhillips Sites

Kevin:

Please forward all invoices related to ConocoPhillips sites managed by Stantec to Mr. Jim Trotter of ConocoPhillips, he will be the new site manager working with Stantec.

Jim Trotter, Site Manager
Risk Management & Remediation
ConocoPhillips Company
1230 W. Washington St., Suite 212
Tempe, AZ 85281
(602) 452-2507

Thanks

Justin Dauphinais
Geologic Project Specialist
Stantec
7730 Southwest Mohawk Street
Tualatin OR 97062

Ph: (503) 691-2030 Ext. 148
Fx: (503) 692-7074
Cell: (503) 764-7061
justin.dauphinais@stantec.com
stantec.com

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DANA Kevin

From: Dauphinais, Justin [Justin.Dauphinais@stantec.com]
Sent: Friday, February 13, 2009 8:54 AM
To: DANA Kevin
Subject: FW: ConocoPhillips Sites

Kevin:

Please forward all invoices related to ConocoPhillips sites managed by Stantec to Mr. Jim Trotter of ConocoPhillips, he will be the new site manager working with Stantec.

Jim Trotter, Site Manager
Risk Management & Remediation
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Thanks

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Oregon

Theodore R. Kulongoski, Governor

file
Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4th Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

Fax: (503) 229-6945

TTY: (503) 229-5471

January 27, 2009

MAX BOONE
CONOCOPHILLIPS COMPANY
1230 W WASHINGTON ST STE 212
TEMPE AZ 85281

Re: ConocoPhillips #2705460
UST Cleanup File No. 26-07-1727
UST Facility ID No. 718

Dear Mr. Boone:

The purpose of this letter is to inform you that I have been assigned as project manager for your underground storage tank (UST) decommissioning and cleanup project located at 425 NE Broadway in Portland, Oregon. As a reminder, the Department of Environmental Quality (DEQ) is required by law to recover its costs in reviewing and overseeing work on UST cleanup projects.

If you have any questions regarding DEQ's work on or involvement with your project, please call me at (503) 229-5369. Your efforts in investigating and cleaning up the release from your underground storage tank are appreciated.

Sincerely,

Kevin Dana

Kevin Dana
UST Cleanup Specialist

cc: Michael D Noll
DXT Services LLC
11921 185th Ave SE
Snohomish WA 98290

Justin Dauphinais
Stantec Consulting Corp
7730 SW Mohawk St
Tualatin OR 97062

(kpd:KPD)



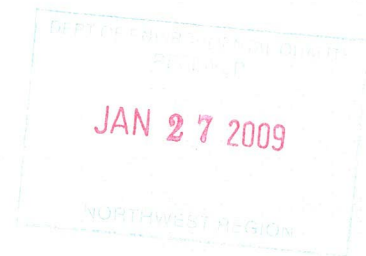
Stantec

Stantec Consulting Corporation
7730 Southwest Mohawk Street
Tualatin OR 97062
Tel: (503) 691-2030
Fax: (503) 692-7074

January 26, 2009

Mr. Kevin Dana
UST Cleanup Specialist
Oregon Department of Environmental Quality
2020 SW 4th Avenue, Suite 400
Portland, OR 97201

RE: Request for File Closure
ConocoPhillips Station 2705460 (RM&R 2393)
425 Northeast Broadway Street
Portland, Oregon 97212
ODEQ Leaking UST File No. 26-07-1727
ODEQ UST Facility ID No. 718



Dear Mr. Dana:

The purpose of this letter is to present a request for 'file closure', on the behalf of ConocoPhillips Company, for the retail gasoline service station located at 425 Northeast Broadway Street, in Portland, Oregon (site).

DUE DILIGENCE PROGRAM

In preparation for future real estate transactions involving several active retail petroleum stations, a due diligence investigation program was initiated. To be conservative, during the due diligence program, soil samples with photo ionization detector (PID) readings over 25 parts per million (ppm) were used as an indicator of a potential new release and were reported as such to the Oregon Department of Environmental Quality (ODEQ). Although many of the due diligence projects had existing 'No Further Action' (NFA) letters from the ODEQ, further research of documented site conditions was necessary to determine if petroleum impacts discovered during the due diligence program were similar to conditions on the sites when the NFA letters were originally issued.

ENVIRONMENTAL HISTORY OF SITE

In September 1985, Rittenhouse-Zeman & Associates, Inc (RZA) conducted a geotechnical subsurface investigation. The investigation included drilling three soil borings (B-1, B-2, and B-3) to evaluate the conditions of the site in preparation for construction of a new service station. Subsurface soils were reported to consist of fill (including ash, charcoal, and demolition construction debris) overlying native sand and silt from the ground surface to approximately 31.5 feet below ground surface (bgs). Petroleum odors were noted in soil samples collected from borings B-1 and B-2. Soil samples collected were not analyzed as this would have been outside the scope of the project. Groundwater was encountered at a depth of 15 feet bgs in boring B-2; however groundwater samples were not collected nor were wells installed since the investigation

Reference: RM&R #2393 Request for File Closure

was to identify structurally sound subsurface conditions. The proposed construction project was determined feasible.

In April 1989, TARGET Environmental Services, Inc. (TARGET) conducted a soil gas survey at the site. Analysis of the soil gas samples revealed the presence of moderately elevated hydrocarbon levels at the site. The highest soil gas concentrations were near the dispenser islands in the southern part of the site and trended northward across the dispensers toward the station and then eastward toward Northeast Grand Avenue.

In January 1991, RZA began a remedial investigation at the site. Ten borings were drilled ranging in depths from 12 to 100 feet. During the investigation, a second source of contamination was identified at a depth below the gasoline contaminated soil. The impact appeared to be a solvent-type product. Groundwater was not encountered during field activities.

In March 1991, RZA conducted a Level 1 Environmental Audit for the subject site, researching historical and environmental documentation on the site and the surrounding sites. The site review revealed two pre-existing dry-cleaning facilities on the site from 1908 to 1968 or 1971. In conclusion, the site was determined to have a high potential for adverse environmental impact due to the site's history and close proximity to present day dry-cleaning facilities and gas stations.

In April 1991, RZA continued the remedial investigation started in January by installing soil vapor extraction (SVE) wells in eight of the ten borings to serve during the remediation process. In November 1991 an additional vapor well was drilled and installed.

In January 1992, RZA-AGRA Engineering & Environmental Services (RZA-AGRA) performed oversight for tank decommissioning and excavation activities for five underground storage tanks (USTs). Fifty percent of the excavated contaminated soils were placed back into the cavity to be remediated by the SVE system. The remaining fifty percent was collected from the dispenser islands and product lines were transported to a thermal soil treatment facility. SVE systems were installed near the pump islands and product line trenches and connected to the previously installed SVE wells. Installation of the SVE system was completed on April 7, 1993 and operation and monitoring activities commenced. A year later, the system emissions showed a progressive recovery.

December 1994, AGRA Earth & Environmental (AGRA) developed a corrective action plan (CAP). Soil vapor extraction system operations continued through July 1999, at which point AGRA recommended VES-1 system continuation. VES-2 was shut off on October 8, 1998 based on collected data.

In August 2004, URS Corporation (URS) conducted a soil assessment with six boreholes to determine the effectiveness of the SVE system. Based on the analytical results, URS determined residual soil concentrations were protective of human health and the environment, and requested a NFA letter from the DEQ.

In November 2006, ODEQ granted a NFA letter and the site was listed as closed.

Reference: RM&R #2393 Request for File Closure

DUE DILIGENCE FINDINGS

A due diligence site assessment was performed on October 12, 2007, by ATC Associates, Inc (ATC). Based on PID readings up to 64.6 ppm, an initial petroleum release form was completed and reported to the ODEQ. UST cleanup file number 26-07-1727 was assigned to the site.

The assessment consisted of the advancement of five borings (B-1, B-2, B-3, B-4, and B-5) to approximate depths of 25 to 35 feet bgs. Groundwater was not encountered during drilling activities. The borings were located in the vicinity of the USTs and dispenser islands. Soil samples were collected and submitted to Lancaster Laboratories for analysis for total petroleum hydrocarbons as gasoline (TPH-g) per Northwest Method NWTPH-Gx,; TPH as diesel (TPH-d) and TPH as heavy oil (TPH-o) per Northwest Method NWTPH-Dx with acid/silica gel cleanup; and fuel oxygenates and halogenated volatile organic compounds (HVOCs) including benzene, toluene, ethyl benzene, and xylene (BTEX) per United States Environmental Protection Agency (USEPA) Method 8260B.

Subsurface soils were reported to be silty sand with clay; clay with silt and sand; silt with clay and sand; and sand from the ground surface to approximately 35 feet bgs. PID readings ranged from 0.1 to 64.6 ppm. The soil samples analyzed indicated TPH-G at a concentration of 32 milligrams per kilogram (mg/kg) in the sample collected from boring B-2 at 25 feet bgs.

The following analytes were detected at greater concentrations than the laboratory method detection limit (MDL), but less than the limit of quantitation (LOQ). MDL is the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. LOQ is the smallest amount of analyte which can be reliably determined using a specific test. These detection concentrations are followed by a letter "J", indicating that the value is estimated between the MDL and the LOQ. Analysis of soil samples indicated detections of methylene chloride concentrations of 0.004 mg/kg (J), 0.005 mg/kg (J), 0.003 mg/kg (J), 0.002 mg/kg (J), and 0.003 mg/kg (J) in the samples collected from B-2 at 25 feet bgs, B-2 at 35 feet bgs, B-3 at 25 feet bgs, B-4 at 25 feet bgs, and B-5 at 25 feet bgs, respectively. Methyl tertiary butyl ether (MTBE) was detected at a concentration of 0.001 mg/kg (J) in the sample collected from B-1 at 35 feet bgs. Ethylbenzene and m- and p-xylenes were detected at concentrations of 0.001 mg/kg (J) and 0.002 mg/kg (J), respectively, in the sample collected from boring B-2 at 25 feet bgs. TPH-G was also detected at a concentration of 3.2 mg/kg (J) in the sample collected from boring B-5 at 25 feet bgs.

No other analytes were detected in any of the soil samples analyzed.

The full Due Diligence Report, produced by ATC Associates, is included as Attachment 1.

REQUEST FOR FILE CLOSURE

Stantec performed a search of the zoning and planning maps for the site and surrounding properties on the City of Portland Maps website. The zoning map indicated that the site is zoned 'central commercial'. Surrounding properties include 'central commercial' to the south, east, and west, with 'employment' to the north. The Portland Water Bureau representative indicated that all

Reference: RM&R #2393 Request for File Closure

the properties in the commercial zoning area are not on municipal water. A search of the Oregon Water Resources Department web page did not reveal any domestic water wells within a quarter mile of the site. The Willamette River flows north, approximately 2,000 feet west of the site. As discussed previously, TPH-G was reported at, or above, laboratory MDLs in the soil samples collected from the site, but were below ODEQ's most stringent generic risk-based concentrations (RBCs). Furthermore, the "J" qualified results from the soil sample collected during the due diligence investigation was estimated below the ODEQ's most stringent RBCs. Based on the site history and recent analytical results, Stantec, on behalf of ConocoPhillips, requests closure of ODEQ File No. 26-07-0879.

Your immediate attention to this matter would be appreciated. If you have any questions, or this letter does not accurately reflect your intentions, please contact Justin Dauphinais at 503-691-2030.

Sincerely,
Stantec Consulting Corporation

Prepared by:



Janet Southwick, E.I.
Engineering Staff

Reviewed by:



Justin Dauphinais
Geologic Project Specialist

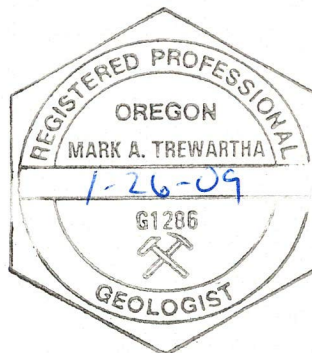
Approved by:



Mark Trewartha, R.G.
Senior Hydrogeologist

JS/JD:ald

Attachments: List of References
ATC Due Diligence Report





Stantec

LIST OF REFERENCES

The following is a list of reports used to compile environmental history for Stantec's Request for File Closure on behalf of the ConocoPhillips Company for station 2705460 (RM&R 2393) located at 425 Northeast Broadway Street, Portland, Oregon.

Rittenhouse-Zeman & Associates. September 20, 1985. *Subsurface Exploration and Geological Engineering Report*.

Target Environmental Services, Inc. April 1989. *Soil Gas Survey Mobil Service Station #10-LC2*.

Rittenhouse-Zeman & Associates. April 1, 1990. *Final Report on Subsurface Investigation*.

Rittenhouse-Zeman & Associates. March 6, 1991. *Final Level 1 Environmental Audit*.

Rittenhouse-Zeman & Associates. July 1, 1991. *Remedial Investigation*.

Rittenhouse-Zeman & Associates. November 12, 1991. *Report on Additional Vapor Well Drilling and Installation*.

Rittenhouse-Zeman & Associates. May 1992. *Report on Tank Decommissioning*.

RZA-AGRA, Inc. June 30, 1993. *VES Operations Report*.

RZA-AGRA, Inc. August 26, 1993. *SVES Operations Report*.

AGRA Earth & Environmental, Inc. December 1, 1994. *Corrective Action Plan*.

URS Corporation. August 26, 2004. *Assessment of Vapor Extraction System and vertical Delineation of Petroleum hydrocarbons in Soil*.



Stantec

ATTACHMENT 1 ATC DUE DILIGENCE REPORT

Request for File Closure
ConocoPhillips Station 2705460 (RM&R 2393)
425 Northeast Broadway Street
Portland, Oregon 97212
January 26, 2009



9185 South Farmer Avenue, Suite 107
Tempe, Arizona 85284
www.atcassociates.com
480.894.2056
fax 480.894.2497

February 1, 2008

Mr. Max Boone
ConocoPhillips Company
1230 W. Washington St., Suite 212
Tempe, Arizona 85281

**RE: Due Diligence Site Assessment Report
ConocoPhillips Site No. 2705460
425 Northeast Broadway Street
Portland, Oregon
ATC Project No. 34.75118.3254**

Dear Mr. Boone:

ATC Associates Inc. (ATC) on behalf of ConocoPhillips Company (ConocoPhillips) presents the results of a Due Diligence Site Assessment conducted at the above-referenced site. The purpose of the investigation was to generate a baseline assessment of property conditions at the time of property transfer. The data reported herein was collected on behalf of ConocoPhillips, in general accordance with the Site-Specific Scope of Work (SOW) prepared by Shaw Environmental & Infrastructure, Inc. (Shaw) dated September 27, 2007 (Appendix A, attached). The data reported herein was not requested or required by a regulatory agency.

Activities included in the SOW performed are outlined below:

- Preparation of a site specific Health and Safety Plan (HASP);
- Securing permits, if applicable, from the local permitting agency to advance the borings;
- Marking soil boring locations, notification to Oregon's One-Call center, and contracting a private utility locating service to locate any identifiable underground utilities in the vicinity of the proposed boring locations;
- Air-knifing borings to depths of approximately five to six feet below ground surface (bgs) to a diameter at least one inch greater than that of the drilling device;
- Advancement of five exploratory soil borings to total depths of 25 or 35 feet bgs utilizing geoprobe drilling equipment;
- Collection of soil samples at approximate five-foot intervals for purposes of logging subsurface conditions, field detection of organic vapors using a photoionization detector (PID), and potential laboratory analysis;
- Waste profiling and disposal coordination (still underway); and
- Preparation of a report summarizing due diligence assessment activities.

SITE DESCRIPTION

The site is an active service station located at 425 Northeast Broadway Street in Portland, Oregon. The site's current underground storage tank (UST) system configuration includes three fuel USTs and two dispenser islands. Limited background information is including in the SOW prepared by Shaw (Appendix A).

BASELINE SITE ASSESSMENT

Field Activities

On October 12, 2007, ATC personnel observed the advancement of five soil borings (B-1, B-2, B-3, B-4 and B-5) in the vicinity of the existing fuel USTs and dispensers using geoprobe drilling equipment. Approximate boring locations are shown on attached Figure 1, Site Plan. Borings B-1 and B-2 were advanced to depths of 35 feet bgs and borings B-3, B-4 and B-5 were advanced to depths of 25 feet bgs. Soil samples were collected at approximate five-foot intervals (when subsurface conditions allowed) for lithological description, field screening using a PID, and for possible laboratory analysis. Groundwater was not encountered during drilling activities.

Upon collecting a soil sample at each depth interval, the soil was visually examined and classified in accordance with the Unified Soils Classification System (USCS). Field PID readings were also used to monitor the soils for volatile organic compound (VOC) vapors. A description of the lithology encountered and PID readings obtained are presented on the boring logs included as Appendix B, attached.

Upon completion of drilling, the borings were backfilled to approximately one foot bgs with hydrated bentonite chips. The boreholes were completed with approximately one foot of concrete at the surface, finished flush with the existing surface grade and dyed if necessary to match surrounding conditions.

Laboratory Analytical Procedures

Soil samples collected during field activities were shipped under chain-of-custody (COC) protocol to Lancaster Laboratories, Inc. (Lancaster) in Lancaster, Pennsylvania. Lancaster is certified through the Oregon Laboratory Accreditation Program. Select soil samples collected from borings B-1, B-2, B-3, B-4 and B-5 were analyzed for fuel oxygenates and halogenated volatile organic compounds (HVOC; including benzene, toluene, ethylbenzene and total xylenes [BTEX]) using Environmental Protection Agency (EPA) Method 8260B and gasoline-, diesel- and oil-range petroleum hydrocarbons (TPH-g [C_8 to C_{12}], TPH-d [C_{12} to C_{24}] and TPH-o [$C_{>24}$ to C_{40}], respectively) using Northwest Total Petroleum Hydrocarbons (NWTPH) Modified method. Laboratory analytical data for soil samples analyzed as part of this assessment are summarized in attached Table 1, Summary of Soil Analytical Data. The laboratory analytical report and COC document are provided as Appendix C, attached.

Waste Disposal

Investigation derived waste (IDW) generated during the field operations has been temporarily stored onsite pending characterization and disposal. A copy of the waste manifest(s) will be provided under separate cover once the IDW has been profiled and transported to an appropriate disposal facility.

FINDINGS

The lithology underlying the site consists primarily of: silty sand with clay; clay with silt and sand; silt with clay and sand; and, sand from the ground surface to approximately 35 feet bgs, the maximum extent of exploration. PID readings ranged from 0.1 parts per million (ppm) to 64.6 ppm. Refer to the edited boring logs in Appendix B for a summary of field observations noted during drilling activities.

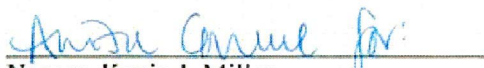
As shown in Table 1, laboratory analytical results for the soil samples selected for analysis indicate the following:

- TPH-g was detected at a concentration of 32 milligrams per kilogram (mg/kg) in the soil sample collected at approximately 25 feet bgs from boring B-2 (B-2-25).
- No other analytes were detected in excess of their respective laboratory method Limit of Quantitation in any of the soil samples submitted for analysis.

LIMITATIONS

This report was prepared in general accordance with the Shaw SOW dated September 27, 2007, and with generally accepted professional environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of ConocoPhillips for the express purpose of generating a baseline assessment of property conditions. Any re-use of this report for a different purpose shall be at the user's sole risk without liability to ATC. To the extent that this report is based on information provided to ATC by third parties, ATC may have made efforts to verify this third party information; however, ATC cannot guarantee the completeness or accuracy of this information. The data collected during this investigation and summarized in this report represents site conditions at the time field activities were conducted. No other warranties, expressed or implied, are made by ATC.

Prepared by:



Name: Kevin J. Miller

Title: Staff Scientist

Reviewed by:



Name: Girard E. Morgan, R.G.

Title: Principal Geologist

The data presented by ATC in this document have been prepared under the supervision of and reviewed by the Licensed Professional whose signature appears below:

Licensed Approver:



Girard E. Morgan, Oregon Registration No. G1410
Principal Geologist

Attachments:

Table 1 – Summary of Soil Analytical Data

Figure 1 – Site Plan

Appendix A – Scope of Work

Appendix B – Boring Logs

Appendix C – Laboratory Analytical Report and Chain-of-Custody Documentation

TABLE

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
ConocoPhillips Site No. 2705460
425 Northeast Broadway Street, Portland, Oregon

Sample ID	Sample Depth (feet bgs)	Sample Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Other HVOC * (mg/kg)	Oxygenates * (mg/kg)	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-o (mg/kg)
			EPA 8260B						NWTPH Modified		
B-1-35	35	10/12/07	<0.006	<0.006	<0.006	<0.006	All analytes ND.	All analytes ND.	<5.6	<7.9	<34
B-2-25	25	10/12/07	<0.007	<0.007	<0.007	<0.007	All analytes ND.	All analytes ND.	32	<9.5	<41
B-2-35	35	10/12/07	<0.007	<0.007	<0.007	<0.007	All analytes ND.	All analytes ND.	<6.6	<9.3	<40
B-3-25	25	10/12/07	<0.006	<0.006	<0.006	<0.006	All analytes ND.	All analytes ND.	<6.2	<8.7	<37
B-4-25	25	10/12/07	<0.006	<0.006	<0.006	<0.006	All analytes ND.	All analytes ND.	<6.1	<8.6	<37
B-5-25	25	10/12/07	<0.007	<0.007	<0.007	<0.007	All analytes ND.	All analytes ND.	<6.9	<9.7	<42
Notes: bgs - Below ground surface. mg/kg - Milligrams per kilogram (equivalent to parts per million). HVOC - Halogenated volatile organic compounds. * - Only compounds detected at a concentration exceeding their respective laboratory method Limit of Quantitation (LOQ) are noted. TPH-g - Gasoline range organic hydrocarbons (C ₈ -C ₁₂). TPH-d - Diesel range organic hydrocarbons (C ₁₂ -C ₂₄). TPH-o - Oil range organic hydrocarbons (C _{>24} -C ₄₀). EPA - Environmental Protection Agency NWTPH - Northwest Total Petroleum Hydrocarbons <0.006 - Analyte not detected above specific laboratory method LOQ. ND - Analyte not detected above specific laboratory method LOQ.											

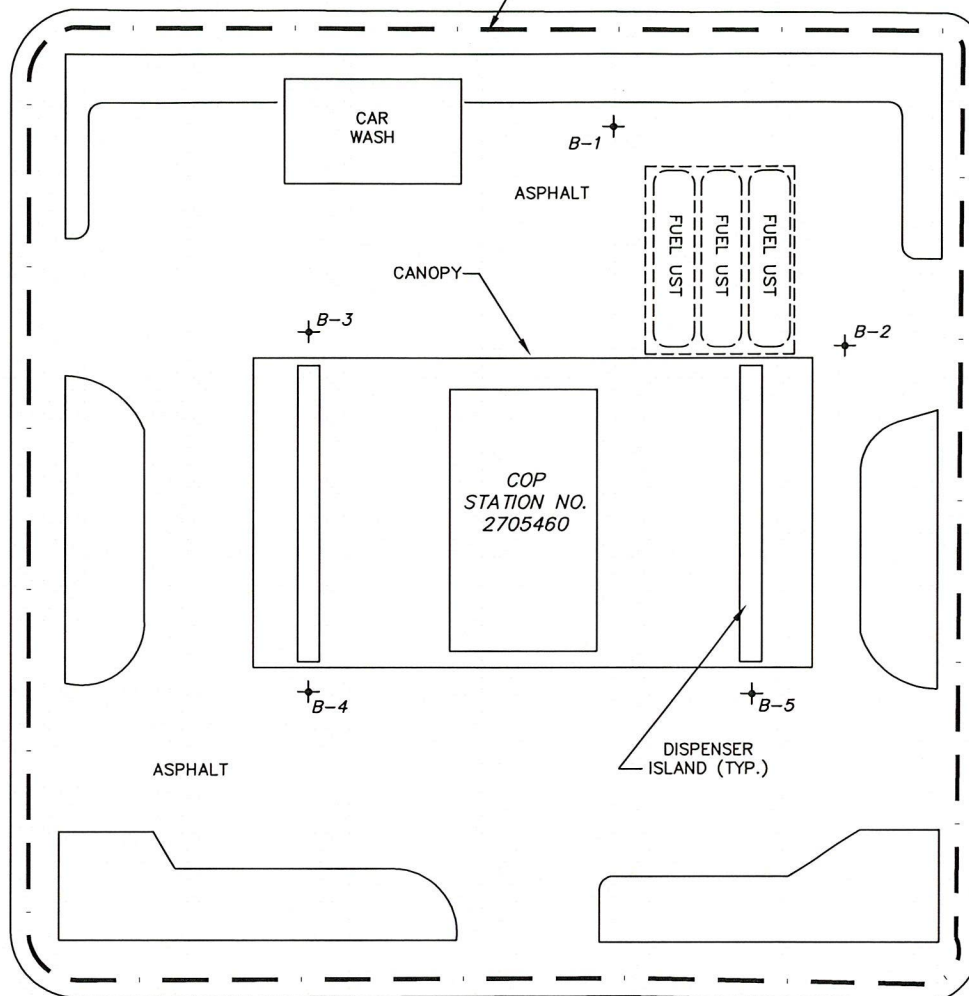
FIGURE

NORTHEAST ML KING BOULEVARD

NORTHEAST GRAND AVENUE

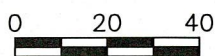
NORTHEAST BROADWAY STREET

APPROXIMATE
SITE BOUNDARY



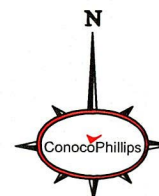
LEGEND

✦ SOIL BORING LOCATION



SCALE, FT

NOTE: LOCATIONS AND SCALE ARE APPROXIMATE



SITE PLAN

CONOCOPHILLIPS SITE NO. 2705460
425 NORTHEAST BROADWAY STREET
PORTLAND, OREGON

PROJECT NUMBER: 34.75118.3254

DATE: 12/6/07

FIGURE

APPROVED BY: KM

DRAWN BY: BK

1



9185 S. Farmer Ave., Ste. #107
Tempe, Arizona 85284-2912
Ph: (480) 894-2056 *** Fax: (480) 894-2497

APPENDIX A
SCOPE OF WORK

DIVESTITURE BASELINE PHASE II ASSESSMENT CONVERGED CONTRACTOR - SCOPE OF WORK

Site: 2705460
Address: 425 NE Broadway at NE Grand
Portland, OR

SITE SUMMARY

Former Owner: BP

Site is equipped with three fuel USTs and two product dispenser islands under a common canopy. Various site investigation activities were performed between 1991 and 2004. Borings were drilled to a maximum depth of 100 feet below ground surface in 2004; groundwater was not encountered. The Oregon Department of Environmental Quality issued a "No Further Action" letter in 2004. There are no known groundwater monitoring wells at the site; current depth to water and groundwater flow direction are not available.

Scope of Work to be performed at the site includes (see attached Figure):

- 2 borings (B-1, B-2) near the fuel USTs to maximum total depth of about 35 feet
- 3 borings (B-3, B-4, B-5) near the product islands to maximum total depth of about 25 feet

If groundwater is encountered in any of the borings, the boring shall be extended a minimum of five feet into the saturated zone and a groundwater grab sample collected. The boring shall then be terminated at that depth.

PRE-DRILLING ACTIVITIES

- After receiving this Scope of Work, develop requisition for submittal into ENFOS following procedure provided by COP.
- Identify, obtain, and prepare all necessary and relevant permits, work scope summaries, appropriate work plans, etc., in accordance with county and other specific local requirements. Oregon Department of Environmental Quality generally does not require the Contractor to submit work plans or obtain permits for exploratory borings or temporary wells. Drillers are required to submit completed borings logs to the State. For verification of compliance with state and local regulations, RM&R Area Manager (AM) will need confirmation of, or copies of required boring completion reports.
- Prepare and review site specific safety plan (Program HASP and JSA) with Phase II field team.
- Proposed changes to scope will be communicated to Shaw Consultant who will immediately notify the AM if such scope changes materially impact potential safety concern. For example, all bore hole locations will be cleared per RM&R process and that any and all departures from this protocol will have to be reviewed and approved by the AM.
- Schedule laboratory and obtain proper sample containers. Laboratory used must be COP converged laboratory.

- Shaw Consultant will be coordinating scheduling with Contractor and stakeholders per the "stakeholder engagement process". Prior to mobilization, Contractor must confirm date and time of site field activities with Shaw Consultant. **Contractor shall contact BP's Consultant Todd Banek, Delta Environmental, 503-639-8098, ext. 102, as part of the "stakeholder engagement process".**
- Provide notification to all individuals involved, laboratory, regulatory and/or permitting agencies.

FIELD ACTIVITIES

- All field work shall be conducted according to RM&R processes and Health and Safety protocols.
- Mark the proposed boring locations and locate underground utilities where necessary using "dig alert".
- Conduct all fieldwork in accordance with the site-specific health and safety plan prepared for this project.
- Prior to drilling, clear the boring locations for underground utilities by using an air knife/vacuum to a depth of five feet below ground surface (bgs) and one inch greater than the diameter of the mechanized equipment that will be used downhole.
- Install soil borings and collect soil samples as proposed on attached Table and Figure. **Choice of drilling method will give a priority to the minimization of waste. In addition, drilling methods should be appropriate for the site's geology so that "refusal", requiring re-mobilization, does not occur.** Collect soil samples every five feet and screen with an Organic Vapor Meter (OVM). Submit the sample with the highest OVM reading and the sample from the terminal depth of each boring for lab analyses (see Sampling Analysis Table). If all samples from a boring show OVM readings of less than 25 ppmv, collect a soil sample just above saturated zone (capillary fringe), or at the maximum depth of the boring if groundwater is not encountered, for laboratory analyses.
- If suspected release is encountered, Contractor shall notify AM immediately before any required notification to state and local regulators and to discuss any possible changes to the scope of work. Myron Smith, AM, 602-645-2505 (office), 602-432-1578 (cell).
- If groundwater is encountered prior to the total depth in the borings, the boring will be extended a minimum of five feet into the saturated zone and a groundwater grab sample will be collected and submitted for laboratory analyses as described on Page 2 and 3 of the General Scope of Work document.
- If respective State allows, dispose of investigative derived waste (IDW) on site (e.g. ground-spreading decon water). Otherwise store IDW, temporarily on-site in properly sealed and labeled, DOT-approved drums pending analytical results. Contractor shall coordinate with store manager for an appropriate location to store the drums.
- Arrange for profiling of drum contents and removal from the Site for disposal in accordance with applicable regulations and within 45 days of drilling per RM&R waste authorization process.
- Inspect site to ensure proper closure, security, etc., of wells, borings, and other site disruption issues and obtain concurrence from site personnel. The Contractor is responsible for ensuring the site is left in a clean and neat condition.
- These investigations will be conducted at sites which are active commercial operations. The Contractor is responsible for ensuring that the investigation is conducted in a manner

such that it causes as little disruption as possible to the business being conducted on the site.

- Contractor will enter near misses and incidents into Impact.

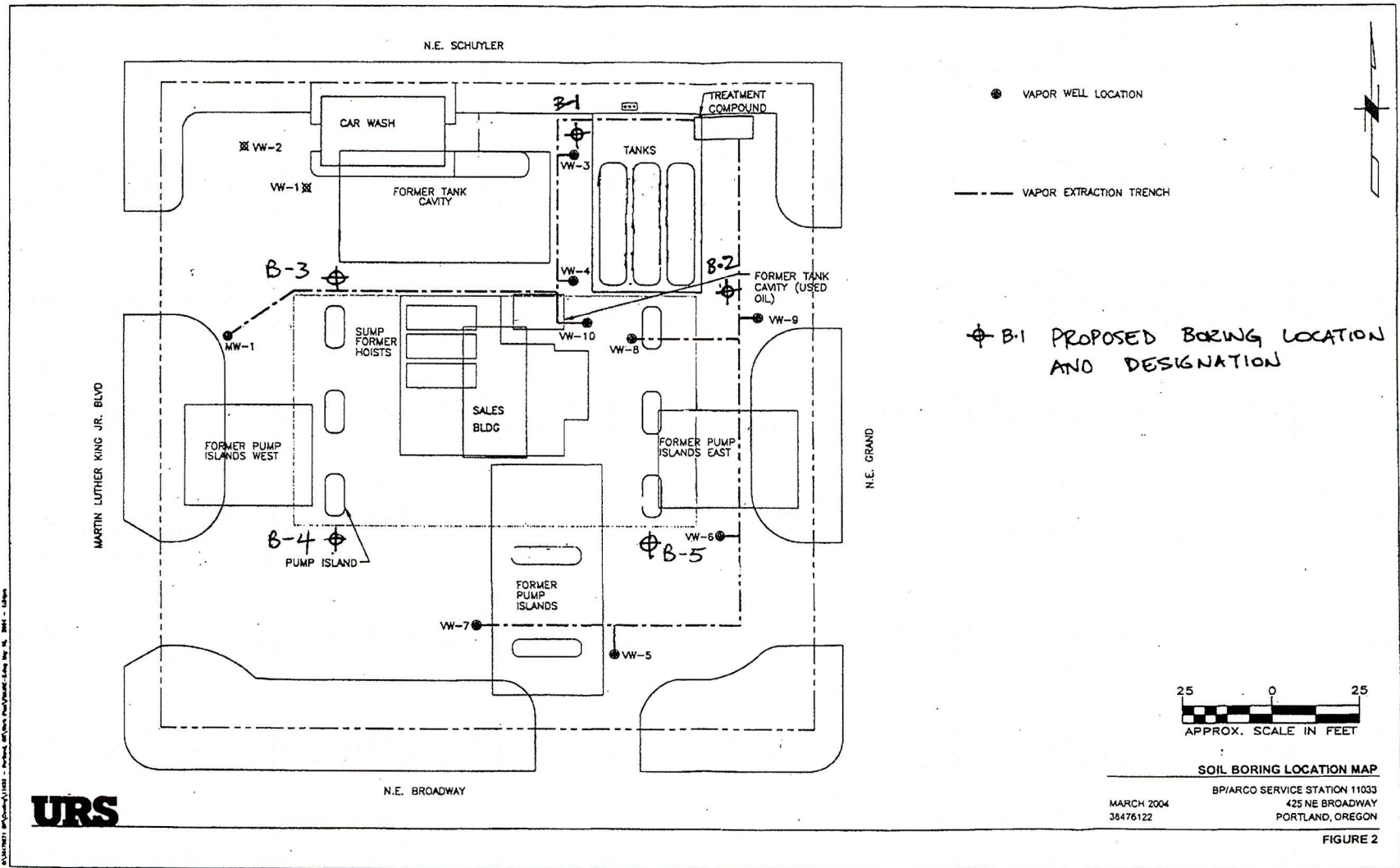
POST-DRILLING ACTIVITIES

- Complete due diligence report in format as provided by ConocoPhillips (COP). Complete any required agency reports. Contractor shall deliver report and agency reports in electronic format to Shaw Consultant for review and upload to COP database.
- Upon receiving sample results higher than detection levels, provide immediate notification to AM prior to submitting due diligence report to discuss possible notification to state and local regulators. Myron Smith, AM, 602-645-2505 (office), 602-432-1578 (cell).

ConocoPhillips Marketing Divestiture 2007 Phase II Due Diligence

Sampling Analysis Table

Sample Location	Laboratory Analytical Parameters & Methods for Soil and Groundwater									
	BTEX	TPH-g	Oxygenates	Ethanol	HVOC's	TPH-t	TPH-d	TPH-o	SVOCs	CAM Metals
	(8260B)					(8015M)			(8270)	(6010B)
Underground Fuel Storage Tank Complex (B-1, B-2) & Dispenser Islands (B-3, B-4, B-5)	X	X	X	X	X		X			



DEPTH TO WATER: > 100 FT. (2004)

GROUNDWATER FLOW DIRECTION: N/A

APPENDIX B
BORING LOGS

Client ConocoPhillips
 Project Name ConocoPhillips Site No. 2705460
 Number 34.75118.3254
 Location 425 NE Broadway Street, Portland, OR

Drill Contractor Cascade Drilling, Inc.
 Drill Method Geoprobe
 Drilling Started 10/12/07 Ended 10/12/07
 Logged By Evelyn Cummings

LOG OF BORING B-1

SHEET 1 OF 1

Elevation (ft amsl) --

Total Depth (ft) 35

Depth To Water (ft)

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
5						Airknifed to 5.5' bgs. No sample recovery.	5
10						No sample recovery.	10
15	CT B-1-15		0.0	SM		SILTY SAND WITH CLAY. 45% sand, 40% silt, 15% clay. Brown. Moist.	15
20	CT B-1-20		0.0	ML		CLAYEY SILT WITH TRACE SAND. 65% silt, 30% clay, 5% sand. Red brown. Moist.	20
25	CT B-1-25		0.1	SM		SANDY SILT. 4" thick.	25
30	CT B-1-30		0.4				30
35	CT B-1-35		0.2			Bottom of hole at 35 feet	35



9185 S. Farmer Ave., Ste 107
 Tempe, Arizona 85284
 Phone: 480.894.2056
 Fax: 480.894.2497

Remarks: Groundwater not encountered.

See key sheet for symbols and abbreviations used above.

Client ConocoPhillips
 Project Name ConocoPhillips Site No. 2705460
 Number 34.75118.3254
 Location 425 NE Broadway Street, Portland, OR

Drill Contractor Cascade Drilling, Inc.
 Drill Method Geoprobe
 Drilling Started 10/12/07 Ended 10/12/07
 Logged By Evelyn Cummings

LOG OF BORING B-2

SHEET 1 OF 1

Elevation (ft amsl) --
 Total Depth (ft) 35
 Depth To Water (ft)

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 5' bgs. No sample recovery.	
5	CT B-2-5		0.0			SILTY CLAY. 60% clay, 40% silt. Dark red brown. Moist.	5
10	CT B-2-10		0.0				10
15	CT B-2-15		0.0	CL		65% clay, 35% silt. Dark gray.	15
20						No sample recovery.	20
25	CT B-2-25		64.6			SILTY CLAY. 65% clay, 35% silt. Dark gray. Moist.	25
30	CT B-2-30		1.8	CL			30
35	CT B-2-35		12.0			Bottom of hole at 35 feet	35



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 Tempe, Arizona 85284
 Phone: 480.894.2056
 Fax: 480.894.2497

Remarks: Groundwater not encountered.

See key sheet for symbols and abbreviations used above.

Client ConocoPhillips
 Project Name ConocoPhillips Site No. 2705460
 Number 34.75118.3254
 Location 425 NE Broadway Street, Portland, OR

Drill Contractor Cascade Drilling, Inc.
 Drill Method Geoprobe
 Drilling Started 10/12/07 Ended 10/12/07
 Logged By Evelyn Cummings

LOG OF BORING B-3

SHEET 1 OF 1

Elevation (ft amsl) --

Total Depth (ft) 25

Depth To Water (ft)

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
5	CT B-3-5		0.0			Airknifed to 5.7' bgs. No sample recovery.	5
10	CT B-3-10		0.4	SM		SILTY SAND. 85% sand, 15% silt. Coarse grained sand. Dark brown.	10
15	CT B-3-15		2.6	CL		SILTY CLAY. Gray.	15
				SP		SAND. Coarse grained. Dark brown to black.	
20	CT B-3-20		1.5	CL		SILTY CLAY. Medium brown. Low plasticity. Moist.	20
				SP		SAND. Coarse grained. Dark brown to black.	
25	CT B-3-25		0.3	CL		SILTY CLAY. Reddish brown. Low to medium plasticity. Moist.	25
						Bottom of hole at 25 feet	

LOG A EWNN05 2705460 BORING LOGS.GPJ LOG A EWNN05.GDT 2/1/08



9185 S. Farmer Ave., Ste 107
 Tempe, Arizona 85284
 Phone: 480.894.2056
 Fax: 480.894.2497

Remarks: Groundwater not encountered.

See key sheet for symbols and abbreviations used above.

Client ConocoPhillips
 Project Name ConocoPhillips Site No. 2705460
 Number 34.75118.3254
 Location 425 NE Broadway Street, Portland, OR

Drill Contractor Cascade Drilling, Inc.
 Drill Method Geoprobe
 Drilling Started 10/12/07 Ended 10/12/07
 Logged By Evelyn Cummings

LOG OF BORING B-4

SHEET 1 OF 1

Elevation (ft amsl) --

Total Depth (ft) 25

Depth To Water (ft)

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
5	CT B-4-5		0.0			Airknifed to 5.7' bgs. No sample recovery.	5
10	CT B-4-10		2.5	CL		SILTY CLAY. 60% clay, 40% silt. Medium brown. Low plasticity. Moist.	10
15	CT B-4-15		0.0			CONCRETE, ASPHALT AND SAND MIXTURE.	15
20	CT B-4-20		0.0	CL		SANDY SILTY CLAY. 45% clay, 35% silt, 20% sand. Medium brown to reddish brown. Low plasticity. Moist.	20
25	CT B-4-25		0.0			Dark gray to black. 75% clay, 25% silt. Dark gray.	25
						Bottom of hole at 25 feet	

LOG A EWN05 2705460 BORING LOGS.GPJ LOG A EWN05.GDT 2/1/08



9185 S. Farmer Ave., Ste 107
 Tempe, Arizona 85284
 Phone: 480.894.2056
 Fax: 480.894.2497

Remarks: Groundwater not encountered.

See key sheet for symbols and abbreviations used above.

Client ConocoPhillips
 Project Name ConocoPhillips Site No. 2705460
 Number 34.75118.3254
 Location 425 NE Broadway Street, Portland, OR

Drill Contractor Cascade Drilling, Inc.
 Drill Method Geoprobe
 Drilling Started 10/12/07 Ended 10/12/07
 Logged By Evelyn Cummings

LOG OF BORING B-5

SHEET 1 OF 1

Elevation (ft amsl) --

Total Depth (ft) 25

Depth To Water (ft)

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 6' bgs. No sample recovery.	
5	CT B-5-5	3.7					5
				CL		SILTY CLAY. 70% clay, 30% silt. Medium brown. Low to medium plasticity. Moist.	
10	CT B-5-10	17.0				CONCRETE, ASPHALT AND SAND MIXTURE.	10
						SILTY CLAY. Medium brown. Low plasticity. Moist.	
15	CT B-5-15	3.0				65% clay, 35% silt.	15
				CL			
20	CT B-5-20	2.5				60% clay, 40% silt.	20
25	CT B-5-25	0.0				Bottom of hole at 25 feet	25

LOG A EWINN05 2705460 BORING LOGS.GPJ LOG A EWINN05.GDT 2/1/08



9185 S. Farmer Ave., Ste 107
 Tempe, Arizona 85284
 Phone: 480.894.2056
 Fax: 480.894.2497

Remarks: Groundwater not encountered.

See key sheet for symbols and abbreviations used above.

APPENDIX C

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



2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2661 • www.lancasterlabs.com

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

602-452-2502

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1060860. Samples arrived at the laboratory on Saturday, October 13, 2007. The PO# for this group is 4508846999 and the release number is BOONE.

Client Description

B-1-35 Grab Soil
B-2-25 Grab Soil
B-2-35 Grab Soil
B-3-25 Grab Soil
B-4-25 Grab Soil
B-5-25 Grab Soil

Lancaster Labs Number

5184304
5184305
5184306
5184307
5184308
5184309

ELECTRONIC COPY TO ATC Associates
ELECTRONIC COPY TO ATC Associates

Attn: Anita Carrano

Attn: Rebekah Wilson



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Analysis Report

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

Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Christine Dulaney", written in black ink.

Christine Dulaney
Senior Specialist



Analysis Report

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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184304

B-1-35 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 08:40 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB135

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	11.1	0.50	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.1	5.6	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.4	7.9	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	11.	34.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.001 J	0.0006	0.006	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.006	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.006	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.006	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.023	0.11	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.11	0.56	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.006	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.006	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.011	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.006	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.006	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.006	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.006	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.006	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.006	mg/kg	1
05450	Methylene Chloride	75-09-2	N.D.	0.002	0.006	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.006	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.006	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.006	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.006	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.006	mg/kg	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184304

B-1-35 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 08:40

by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB135

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.006	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0006	0.006	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.006	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.006	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.006	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.006	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.006	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.006	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.006	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.006	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.006	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.006	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.006	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.006	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.006	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.006	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.006	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.006	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.006	mg/kg	1

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/17/2007 04:46	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 16:11	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 07:17	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 07:17	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 03:52	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/17/2007 04:46	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/16/2007 15:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184304

B-1-35 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 08:40 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB135

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184305

B-2-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 09:50

by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB225

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	26.4	0.50	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	32.	1.4	6.8	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	4.1	9.5	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	14.	41.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0007	0.007	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.007	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.007	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.007	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.027	0.13	mg/kg	0.99
06089	Ethanol	64-17-5	N.D.	0.13	0.67	mg/kg	0.99
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.007	mg/kg	0.99
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.007	mg/kg	0.99
08199	Freon 113	76-13-1	N.D.	0.003	0.013	mg/kg	0.99
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.003	0.007	mg/kg	0.99
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.007	mg/kg	0.99
05446	Bromomethane	74-83-9	N.D.	0.003	0.007	mg/kg	0.99
05447	Chloroethane	75-00-3	N.D.	0.003	0.007	mg/kg	0.99
05448	Trichlorofluoromethane	75-69-4	N.D.	0.003	0.007	mg/kg	0.99
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.007	mg/kg	0.99
05450	Methylene Chloride	75-09-2	0.004 J	0.003	0.007	mg/kg	0.99
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.007	mg/kg	0.99
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.007	mg/kg	0.99
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.007	mg/kg	0.99
05455	Chloroform	67-66-3	N.D.	0.001	0.007	mg/kg	0.99
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.007	mg/kg	0.99

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184305

B-2-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 09:50

by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB225

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.007	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0007	0.007	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.007	mg/kg	0.99
05462	Trichloroethene	79-01-6	N.D.	0.001	0.007	mg/kg	0.99
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.007	mg/kg	0.99
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.007	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	0.007	mg/kg	0.99
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.007	mg/kg	0.99
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.007	mg/kg	0.99
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.007	mg/kg	0.99
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.007	mg/kg	0.99
05474	Ethylbenzene	100-41-4	0.001 J	0.001	0.007	mg/kg	0.99
05475	m+p-Xylene	1330-20-7	0.002 J	0.001	0.007	mg/kg	0.99
05476	o-Xylene	95-47-6	N.D.	0.001	0.007	mg/kg	0.99
05478	Bromoform	75-25-2	N.D.	0.001	0.007	mg/kg	0.99
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.007	mg/kg	0.99
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.007	mg/kg	0.99
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.007	mg/kg	0.99
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.007	mg/kg	0.99

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/18/2007 10:54	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 22:02	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 12:21	Holly Berry	0.99
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 12:21	Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 03:54	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/15/2007 21:21	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/17/2007 23:25	Karen L Beyer	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184305

B-2-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 09:50 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB225

*=This limit was used in the evaluation of the final result



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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184306

B-2-35 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 10:00 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB235

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture "Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.	n.a.	24.6	0.50	0.50	%	1
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.3	6.6	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	4.0	9.3	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	13.	40.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0007	0.007	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.007	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.007	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.007	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.026	0.13	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.13	0.66	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.007	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.007	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.003	0.013	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.003	0.007	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.007	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.003	0.007	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.003	0.007	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.003	0.007	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.007	mg/kg	1
05450	Methylene Chloride	75-09-2	0.005 J	0.003	0.007	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.007	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.007	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.007	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.007	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.007	mg/kg	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184306

B-2-35 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 10:00

by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB235

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.007	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0007	0.007	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.007	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.007	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.007	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.007	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.007	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.007	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.007	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.007	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.007	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.007	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.007	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.007	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.007	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.007	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.007	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.007	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.007	mg/kg	1

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/16/2007 21:02	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 20:24	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 07:41	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 07:41	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 03:56	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	2	10/15/2007 12:39	Larry E Bevins	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/17/2007 23:25	Karen L Beyer	1

*=This limit was used in the evaluation of the final result



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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184306

B-2-35 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 10:00 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB235

*=This limit was used in the evaluation of the final result



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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184307

B-3-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 13:10 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB325

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture "Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.	n.a.	19.5	0.50	0.50	%	1
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.2	6.2	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.7	8.7	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	12.	37.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0006	0.006	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.006	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.006	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.006	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.025	0.12	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.12	0.62	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.006	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.006	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.012	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.006	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.006	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.006	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.006	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.006	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.006	mg/kg	1
05450	Methylene Chloride	75-09-2	0.003 J	0.002	0.006	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.006	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.006	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.006	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.006	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.006	mg/kg	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184307

B-3-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 13:10 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB325

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.006	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0006	0.006	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.006	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.006	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.006	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.006	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.006	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.006	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.006	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.006	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.006	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.006	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.006	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.006	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.006	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.006	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.006	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.006	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.006	mg/kg	1

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/16/2007 12:17	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 20:44	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 08:04	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 08:04	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 03:58	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	2	10/15/2007 12:41	Larry E Bevins	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/17/2007 23:25	Karen L Beyer	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184307

B-3-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 13:10 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB325

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184308

B-4-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:55 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB425

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	18.5	0.50	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.2	6.1	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.7	8.6	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	12.	37.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0006	0.006	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.006	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.006	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.006	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.024	0.12	mg/kg	0.99
06089	Ethanol	64-17-5	N.D.	0.12	0.61	mg/kg	0.99
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.006	mg/kg	0.99
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.006	mg/kg	0.99
08199	Freon 113	76-13-1	N.D.	0.002	0.012	mg/kg	0.99
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.006	mg/kg	0.99
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.006	mg/kg	0.99
05446	Bromomethane	74-83-9	N.D.	0.002	0.006	mg/kg	0.99
05447	Chloroethane	75-00-3	N.D.	0.002	0.006	mg/kg	0.99
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.006	mg/kg	0.99
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.006	mg/kg	0.99
05450	Methylene Chloride	75-09-2	0.002 J	0.002	0.006	mg/kg	0.99
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.006	mg/kg	0.99
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.006	mg/kg	0.99
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.006	mg/kg	0.99
05455	Chloroform	67-66-3	N.D.	0.001	0.006	mg/kg	0.99
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.006	mg/kg	0.99

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184308

B-4-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:55 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB425

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.006	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0006	0.006	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.006	mg/kg	0.99
05462	Trichloroethene	79-01-6	N.D.	0.001	0.006	mg/kg	0.99
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.006	mg/kg	0.99
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.006	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	0.006	mg/kg	0.99
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.006	mg/kg	0.99
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.006	mg/kg	0.99
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.006	mg/kg	0.99
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.006	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.006	mg/kg	0.99
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.006	mg/kg	0.99
05476	o-Xylene	95-47-6	N.D.	0.001	0.006	mg/kg	0.99
05478	Bromoform	75-25-2	N.D.	0.001	0.006	mg/kg	0.99
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.006	mg/kg	0.99
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.006	mg/kg	0.99
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.006	mg/kg	0.99
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.006	mg/kg	0.99

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/16/2007 13:20	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 21:03	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 08:27	Holly Berry	0.99
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 08:27	Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 04:00	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	2	10/15/2007 12:42	Larry E Bevins	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/17/2007 23:25	Karen L Beyer	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184308

B-4-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:55 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB425

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184309

B-5-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:05 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB525

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method	Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	27.9	0.50	0.50	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.							
02005	TPH by NWTPH-Gx soils							
01659	TPH by NWTPH-Gx soils	n.a.	3.2 J	1.4	6.9	6.9	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel							
02097	Diesel Range Organics	n.a.	N.D.	4.2	9.7	9.7	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	14.	42.	42.	mg/kg	1
03983	EPA SW 846/8260 - Soil							
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0007	0.007	0.007	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.007	0.007	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.007	0.007	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.007	0.007	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.028	0.14	0.14	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.14	0.69	0.69	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.007	0.007	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.007	0.007	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.003	0.014	0.014	mg/kg	1
05441	EPA SW846/8260 (soil)							
05444	Chloromethane	74-87-3	N.D.	0.003	0.007	0.007	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.007	0.007	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.003	0.007	0.007	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.003	0.007	0.007	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.003	0.007	0.007	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.007	0.007	mg/kg	1
05450	Methylene Chloride	75-09-2	0.003 J	0.003	0.007	0.007	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.007	0.007	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.007	0.007	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.007	0.007	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.007	0.007	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.007	0.007	mg/kg	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184309

B-5-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:05 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB525

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.007	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0007	0.007	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.007	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.007	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.007	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.007	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.007	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.007	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.007	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.007	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.007	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.007	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.007	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.007	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.007	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.007	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.007	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.007	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.007	mg/kg	1

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/16/2007 14:01	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 21:23	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 08:50	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 08:50	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 04:02	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	2	10/15/2007 12:44	Larry E Bevins	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/17/2007 23:25	Karen L Beyer	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184309

B-5-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:05 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB525

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/26/07 at 07:53 PM

Group Number: 1060860

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

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: 07282A02B TPH by NWTPH-Gx soils	Sample number(s): 5184304 N.D.	1.0	5.0	mg/kg	104		67-119		
Batch number: 07288A02A TPH by NWTPH-Gx soils	Sample number(s): 5184307-5184309 N.D.	1.0	5.0	mg/kg	97		67-119		
Batch number: 07288A02B TPH by NWTPH-Gx soils	Sample number(s): 5184306 N.D.	25.	130.	mg/kg	97		67-119		
Batch number: 072890006A Diesel Range Organics Heavy Range Organics	Sample number(s): 5184304 N.D. N.D.	3.0 10.	7.0 30.	mg/kg mg/kg	68		60-120		
Batch number: 07289820004A Moisture	Sample number(s): 5184304-5184307				100		99-101		
Batch number: 07289820004B Moisture	Sample number(s): 5184308-5184309				100		99-101		
Batch number: 072900012A Diesel Range Organics Heavy Range Organics	Sample number(s): 5184305-5184309 N.D. N.D.	3.0 10.	7.0 30.	mg/kg mg/kg	81	82	60-120	2	20
Batch number: 07290A02A TPH by NWTPH-Gx soils	Sample number(s): 5184305 N.D.	1.0	5.0	mg/kg	89		67-119		
Batch number: B072921AA Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether t-Amyl methyl ether t-Butyl alcohol Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Methylene Chloride trans-1,2-Dichloroethene 1,1-Dichloroethane cis-1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride Benzene 1,2-Dichloroethane	Sample number(s): 5184304-5184309 N.D.	0.0005 0.001 0.001 0.001 0.020 0.002 0.001 0.002 0.002 0.002 0.002 0.001 0.002 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.0005 0.001	0.005 0.005 0.005 0.005 0.10 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005	mg/kg mg/kg	102 95 96 92 96 105 104 108 101 125 106 114 103 102 101 108 111 115 101 113		72-117 72-120 72-115 73-116 59-154 44-115 52-111 53-124 63-120 58-125 83-121 75-120 84-116 82-116 84-113 81-117 74-127 76-122 84-115 76-126		

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/26/07 at 07:53 PM

Group Number: 1060860

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank MDL**</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Trichloroethene	N.D.	0.001	0.005	mg/kg	105		81-114		
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	94		78-119		
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	102		77-116		
Toluene	N.D.	0.001	0.005	mg/kg	99		81-116		
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	91		81-112		
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	114		77-120		
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	98		80-113		
Chlorobenzene	N.D.	0.001	0.005	mg/kg	100		81-112		
Ethylbenzene	N.D.	0.001	0.005	mg/kg	98		82-115		
m+p-Xylene	N.D.	0.001	0.005	mg/kg	99		82-117		
o-Xylene	N.D.	0.001	0.005	mg/kg	98		82-117		
Bromoform	N.D.	0.001	0.005	mg/kg	92		63-120		
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	77		64-121		
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	97		76-112		
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	96		78-108		
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	94		81-109		
Ethanol	N.D.	0.10	0.50	mg/kg	120		48-149		
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	87		79-112		
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	96		80-111		
Freon 113	N.D.	0.002	0.010	mg/kg	101		68-121		

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

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: 07282A02B									
TPH by NWTPH-Gx soils									
Sample number(s): 5184304 UNSPK: P164561									
70 75 39-118 7 30									
Batch number: 07288A02A									
TPH by NWTPH-Gx soils									
Sample number(s): 5184307-5184309 UNSPK: P184623									
60 77 39-118 19 30									
Batch number: 07288A02B									
TPH by NWTPH-Gx soils									
Sample number(s): 5184306 UNSPK: P184623									
60 77 39-118 19 30									
Batch number: 072890006A									
Diesel Range Organics									
Heavy Range Organics									
N.D. N.D. 0 (1) 20									
N.D. N.D. 0 (1) 20									
Batch number: 07289820004A									
Moisture									
Sample number(s): 5184304-5184307 BKG: 5184304									
11.1 11.1 0 15									
Batch number: 07289820004B									
Moisture									
Sample number(s): 5184308-5184309 BKG: 5184308									
18.5 21.5 15 15									
Batch number: 07290A02A									
TPH by NWTPH-Gx soils									
Sample number(s): 5184305 UNSPK: P176782									
72 88 39-118 20 30									
Batch number: B072921AA									
Methyl Tertiary Butyl Ether									
di-Isopropyl ether									
Sample number(s): 5184304-5184309 UNSPK: P183418									
87 85 59-119 3 30									
75 75 58-113 1 30									

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.



Analysis Report

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Page 3 of 5

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/26/07 at 07:53 PM

Group Number: 1060860

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
Ethyl t-butyl ether	77	76	60-112	1	30				
t-Amyl methyl ether	75	76	63-112	1	30				
t-Butyl alcohol	79	73	51-134	7	30				
Chloromethane	89	86	38-115	3	30				
Vinyl Chloride	80	81	41-104	1	30				
Bromomethane	84	84	50-114	1	30				
Chloroethane	78	79	52-114	1	30				
Trichlorofluoromethane	97	95	39-122	1	30				
1,1-Dichloroethene	82	83	64-118	1	30				
Methylene Chloride	90	88	50-127	3	30				
trans-1,2-Dichloroethene	79	77	60-110	2	30				
1,1-Dichloroethane	79	79	65-115	0	30				
cis-1,2-Dichloroethene	78	77	67-110	1	30				
Chloroform	84	83	69-117	1	30				
1,1,1-Trichloroethane	84	85	64-118	1	30				
Carbon Tetrachloride	87	87	56-120	0	30				
Benzene	77	77	66-112	1	30				
1,2-Dichloroethane	92	92	62-130	1	30				
Trichloroethene	81	81	48-131	0	30				
1,2-Dichloropropane	75	74	64-112	1	30				
Bromodichloromethane	77	78	66-119	0	30				
Toluene	74	73	50-121	1	30				
1,1,2-Trichloroethane	76	76	64-118	0	30				
Tetrachloroethene	84	89	40-140	5	30				
Dibromochloromethane	77	77	67-113	0	30				
Chlorobenzene	79	77	58-109	2	30				
Ethylbenzene	75	74	54-116	1	30				
m+p-Xylene	74	73	52-117	1	30				
o-Xylene	74	73	52-117	2	30				
Bromoform	78	78	54-114	0	30				
1,1,2,2-Tetrachloroethane	68	65	37-142	4	30				
1,3-Dichlorobenzene	73	74	47-109	1	30				
1,4-Dichlorobenzene	74	75	47-109	1	30				
1,2-Dichlorobenzene	73	75	50-111	2	30				
Ethanol	91	86	35-148	5	30				
trans-1,3-Dichloropropene	70	71	60-110	1	30				
cis-1,3-Dichloropropene	74	74	56-112	0	30				
Freon 113	77	78	47-115	1	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-Gx soils
Batch number: 07282A02B
Trifluorotoluene-F

5184304	81
Blank	91

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.



Analysis Report

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

Page 4 of 5

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/26/07 at 07:53 PM

Group Number: 1060860

Surrogate Quality Control

LCS 99
MS 60*
MSD 63

Limits: 61-122

Analysis Name: TPH by NWTPH-Gx soils
Batch number: 07288A02A
Trifluorotoluene-F

5184307 76
5184308 75
5184309 69
Blank 92
LCS 93
MS 78
MSD 90

Limits: 61-122

Analysis Name: TPH by NWTPH-Gx soils
Batch number: 07288A02B
Trifluorotoluene-F

5184306 79
Blank 89
LCS 93
MS 78
MSD 90

Limits: 61-122

Analysis Name: TPH by NWTPH-Dx(soils) w/SiGel
Batch number: 072890006A
Orthoterphenyl

5184304 98
Blank 89
DUP 101
LCS 114

Limits: 50-150

Analysis Name: TPH by NWTPH-Dx(soils) w/SiGel
Batch number: 072900012A
Orthoterphenyl

5184305 95
5184306 100
5184307 101
5184308 98
5184309 105
Blank 105
LCS 114
LCSD 116

Limits: 50-150

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/26/07 at 07:53 PM

Group Number: 1060860

Surrogate Quality Control

Analysis Name: TPH by NWTPH-Gx soils
Batch number: 07290A02A
Trifluorotoluene-F

5184305	90
Blank	91
LCS	97
MS	79
MSD	92

Limits: 61-122

Analysis Name: EPA SW846/8260 (soil)
Batch number: B072921AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5184304	108	101	100	91
5184305	109	101	103	100
5184306	109	101	101	96
5184307	110	102	101	91
5184308	109	104	101	91
5184309	110	102	100	91
Blank	110	106	100	92
LCS	110	104	100	92
MS	111	105	99	92
MSD	111	107	100	93
Limits:	71-114	70-109	70-123	70-111

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

ConocoPhillips Analysis Request/Chain of Custody



For Lancaster Labs Use ONLY

Act. #: 12258

Group # 1060860

Sample #: 5184304-09

SCR#:

006446

Site #: 2705460 AOC#:
 Site City: PORTLAND (NE Broadway) State: OR
 Enfos PO#
 ConocoPhillips PM: MAX BOONE
 Samplers Name: E. Cummings

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

Preservation Codes

Preservative Codes
 H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix	Water	Oil	Air	Soil	Other	Containers	Remarks
B-1-15	10.12.07	820	X									
B-1-20		825	X									
B-1-25		830	X									
B-1-30		835	X									
B-1-35		840	X									
D-2-5		0930	X									
B-2-10		0935	X									
B-2-15		0940	X									
B-2-25		0950	X									
B-2-30		0955	X									
B-2-35		1000	X									
B-3-5		1250	X									
B-3-10		1255	X									

Consultant Information:

Office City: TACOMA State: OR
 Project Manager: KELLY KLINE
 Phone Number: 503 624 0525 Fax: 503 624 0415
 Email: Kelly.Kline@atassociates.com

Electronic Data Deliverables (Circle One) Yes / No Format

Reporting Requirements (Circle One)

Standard Reports/QC Summary Full Validation (LLI Type I)

NJ Regulatory NJ Reduced NY ASP-A NY ASP-B Other

Turnaround Time Requested in Business Days (TAT) (Circle One):

STD. 5 day 48 hour 24 hour Other

Relinquished by:	Date	Time	Received by:	Date	Time
<u>[Signature]</u>	10.12.07	1730			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
			<u>Katie Hartline</u>	10/13/07	10:20
Relinquished by Commercial Carrier:					
UPS FedEx X Other					

Temperature Upon Receipt _____ °C

Conoco Phillips Analysis Request/Chain of Custody



For Lancaster Labs Use ONLY Acct. #:

12258

Group #

1060860

Sample#:

5184304-09

SCR#:

006229

Site #: 2705460

AOC#:

Site City: PORTLAND

(NE Bldg)

State: OR

Enfos PO#

ConocoPhillips PM: MAX BOONE

Samplers Name: E. CUMMINGS

Analyses Requested

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

Preservation Codes

Preservative Codes

H = HCl T = Thiosulfate
N = HNO₃ B = NaOH
S = H₂SO₄ O = Other

Sample Identification

B-3-15

Date Collected

Time Collected

Grab

Composite

Matrix

Soil

Water

Oil

Air

NPDES

Other

8260 BTEX

8260 Ethanol

8260 Organics

8260 H₂O₂

NUPH-GX

NUPH-DX

HOLD

of Containers

Remarks

Consultant Information:

Office City: Tigard

State: OR

Project Manager: Kelly Kline

Phone Number: 503 684 0525

Fax: 503 684 0415

Email: Kelly.Kline@ascassociates.com

Turnaround Time Requested in Business Days (TAT) (Circle One):

STD 5 day 48 hour 24 hour 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 Commercial Carrier:

UPS

FedEx

Other

Temperature Upon Receipt

2.7

°C

Electronic Data Deliverables (Circle One) Yes / No Format

Reporting Requirements (Circle One)

Standard Reports/QC Summary

Full Validation (LL Type I)

NJ Regulatory

NJ Reduced

NY ASP-A

NY ASP-B

Other

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
Cal	(diet) calories	lb.	pound(s)
meq	milliequivalents	kg	kilogram(s)
g	gram(s)	mg	milligram(s)
ug	microgram(s)	l	liter(s)
ml	milliliter(s)	ul	microliter(s)
m3	cubic meter(s)	fib >5 um/ml	fibers greater than 5 microns in length per ml
<	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.		
>	greater than		
ppm	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.		
ppb	parts per billion		
Dry weight basis	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	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike amount not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
J	Estimated value	U	Compound was not detected
N	Presumptive evidence of a compound (TICs only)	W	Post digestion spike out of control limits
P	Concentration difference between primary and confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound was not detected	+	Correlation coefficient for MSA <0.995
X,Y,Z	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.

ConocoPhillips Retail Disposition Site Listing - Effective December 15, 2008

Site	Account name	Address	City	State	Zip	Operating/ Non Operating	Buyer
2701297	Salem - Portland Rd - Hycianth	4170 Portland Rd	Salem	OR	97303-	Operating	PCF
2705452	Beaverton - Cedar Hills	2420 SW Cedar Hills Blvd	Beaverton	OR	97005-	Operating	PCF
2705453	Beaverton - 158th Ave	75 NW 158th Ave	Beaverton	OR	97006-	Operating	PCF
2705454	Clackamas	12230 SE Sunnyside Rd	Clackamas	OR	97015-	Operating	PCF
2705455	Gresham	18222 SE Division	Gresham	OR	97030-	Operating	PCF
2705456	Portland - 181st Ave	2281 NE 181st Ave	Portland	OR	97230-	Operating	PCF
2705457	Hillsboro	5063 Tualitan Valley Hwy	Hillsboro	OR	97123-	Operating	PCF
2705458	Newburg	3101 Portland Rd	Newburg	OR	97132-	Operating	PCF
2705459	Portland - E Burnside St	2020 E Burnside St	Portland	OR	97214-	Operating	PCF
2705460	Portland - NE Braodway	425 NE Broadway	Portland	OR	97232-	Operating	PCF
2705462	Salem - NE Capitol Ave	1516 NE Capitol Ave	Salem	OR	97301-	Operating	PCF
2705463	Salem - Broadway St NE	2840 Broadway St NE	Salem	OR	97303-	Operating	PCF
2705464	Salem - Silverton Rd NE	3995 Silverton Rd NE	Salem	OR	97305-	Operating	PCF
2705465	Salem - Portland Rd - Ilbis	4592 Portland Rd	Salem	OR	97305-	Operating	PCF
2705466	Salem - Commercial St SE	5095 Commercial St SE	Salem	OR	97306-	Operating	PCF
2705467	Sherwood	15900 SW Tual/Sherwood	Sherwood	OR	97140-	Operating	PCF
2705468	Springfield - E Main St	5720 E. Main St	Springfield	OR	97478-	Operating	PCF
2705557	Springfield - Gatway Blvd	3520 Gateway Blvd	Springfield	OR	97477-	Operating	PCF
2705558	Salem - Lancaster Dr NE	102 Lancaster Drive NE	Salem	OR	97301-	Operating	PCF
2705560	Eugene - W18th - Chambers	1695 W 18th	Eugene	OR	97402-	Operating	PCF
2705562	Eugene - W18th - Kiosk	1690 W 18th	Eugene	OR	97402-	Operating	PCF
2705563	Springfield - N 5th St	1795 N 5th St	Springfield	OR	97477-	Operating	PCF



December 12, 2008

**To: Accounts Receivable Department
Suppliers & Contractors to certain ConocoPhillips Company, Kayo Oil Company
and Convenience Retailers, LLC Service Stations**

Delayed Effective Date of Closing

On December 1, 2008 ConocoPhillips Company ("ConocoPhillips") mailed a letter announcing we had contracted to sell the majority of our retail service station sites to Pacific Convenience & Fuels, LLC ("Pacific"). The December 15th, 2008 effective date originally communicated has been delayed. A new effective date has **not** been determined.

Please continue to provide all goods and services until further notice. All invoices should be submitted to ConocoPhillips, and will be processed accordingly.

Any additional updates and communications related to the closing of this sale will be posted to the ConocoPhillips website, **vendors.conocophillips.com**. This website does not require special access just standard internet connection. In addition, contact information and a retail site listing is available on the website.

Thank you for your cooperation during this transition. Please contact the ConocoPhillips Vendor Relations Call Center at 918-661-5746 if you need assistance.

ConocoPhillips Company

DANA Kevin

From: Dauphinais, Justin [Justin.Dauphinais@stantec.com]
Sent: Thursday, December 04, 2008 2:37 PM
To: DANA Kevin
Subject: Conoco Site 2705460 in Portland
Attachments: 2705460 Final Report.pdf

Kevin

I received your phone message and I apologize for not getting back to you more promptly. I have attached the due diligence site assessment report that was conducted on the site by ATC and Associates. Stantec is in the process of finalizing a request for file closure report for the site and it will be sent to you as soon as it is finalized. Please accept this report as the 45 day with the Request for File Closure report to follow shortly.

There doesn't seem to be too much an issue on this site, if you would like to discuss please feel free to contact me.

Thank you

Justin Dauphinais
Geologic Project Specialist
Stantec
7730 Southwest Mohawk Street
Tualatin OR 97062
Ph: (503) 691-2030 Ext. 148
Fx: (503) 692-7074
Cell: (503) 764-7061
justin.dauphinais@stantec.com
stantec.com

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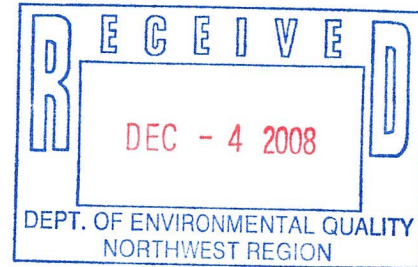
26-07-1727

9185 South Farmer Avenue, Suite 107
Tempe, Arizona 85284
www.atcassociates.com
480.894.2056
fax 480.894.2497

February 1, 2008

Mr. Max Boone
ConocoPhillips Company
1230 W. Washington St., Suite 212
Tempe, Arizona 85281

**RE: Due Diligence Site Assessment Report
ConocoPhillips Site No. 2705460
425 Northeast Broadway Street
Portland, Oregon
ATC Project No. 34.75118.3254**



Dear Mr. Boone:

ATC Associates Inc. (ATC) on behalf of ConocoPhillips Company (ConocoPhillips) presents the results of a Due Diligence Site Assessment conducted at the above-referenced site. The purpose of the investigation was to generate a baseline assessment of property conditions at the time of property transfer. The data reported herein was collected on behalf of ConocoPhillips, in general accordance with the Site-Specific Scope of Work (SOW) prepared by Shaw Environmental & Infrastructure, Inc. (Shaw) dated September 27, 2007 (Appendix A, attached). The data reported herein was not requested or required by a regulatory agency.

Activities included in the SOW performed are outlined below:

- Preparation of a site specific Health and Safety Plan (HASP);
- Securing permits, if applicable, from the local permitting agency to advance the borings;
- Marking soil boring locations, notification to Oregon's One-Call center, and contracting a private utility locating service to locate any identifiable underground utilities in the vicinity of the proposed boring locations;
- Air-knifing borings to depths of approximately five to six feet below ground surface (bgs) to a diameter at least one inch greater than that of the drilling device;
- Advancement of five exploratory soil borings to total depths of 25 or 35 feet bgs utilizing geoprobe drilling equipment;
- Collection of soil samples at approximate five-foot intervals for purposes of logging subsurface conditions, field detection of organic vapors using a photoionization detector (PID), and potential laboratory analysis;
- Waste profiling and disposal coordination (still underway); and
- Preparation of a report summarizing due diligence assessment activities.

SITE DESCRIPTION

The site is an active service station located at 425 Northeast Broadway Street in Portland, Oregon. The site's current underground storage tank (UST) system configuration includes three fuel USTs and two dispenser islands. Limited background information is including in the SOW prepared by Shaw (Appendix A).

BASELINE SITE ASSESSMENT

Field Activities

On October 12, 2007, ATC personnel observed the advancement of five soil borings (B-1, B-2, B-3, B-4 and B-5) in the vicinity of the existing fuel USTs and dispensers using geoprobe drilling equipment. Approximate boring locations are shown on attached Figure 1, Site Plan. Borings B-1 and B-2 were advanced to depths of 35 feet bgs and borings B-3, B-4 and B-5 were advanced to depths of 25 feet bgs. Soil samples were collected at approximate five-foot intervals (when subsurface conditions allowed) for lithological description, field screening using a PID, and for possible laboratory analysis. Groundwater was not encountered during drilling activities.

Upon collecting a soil sample at each depth interval, the soil was visually examined and classified in accordance with the Unified Soils Classification System (USCS). Field PID readings were also used to monitor the soils for volatile organic compound (VOC) vapors. A description of the lithology encountered and PID readings obtained are presented on the boring logs included as Appendix B, attached.

Upon completion of drilling, the borings were backfilled to approximately one foot bgs with hydrated bentonite chips. The boreholes were completed with approximately one foot of concrete at the surface, finished flush with the existing surface grade and dyed if necessary to match surrounding conditions.

Laboratory Analytical Procedures

Soil samples collected during field activities were shipped under chain-of-custody (COC) protocol to Lancaster Laboratories, Inc. (Lancaster) in Lancaster, Pennsylvania. Lancaster is certified through the Oregon Laboratory Accreditation Program. Select soil samples collected from borings B-1, B-2, B-3, B-4 and B-5 were analyzed for fuel oxygenates and halogenated volatile organic compounds (HVOC; including benzene, toluene, ethylbenzene and total xylenes [BTEX]) using Environmental Protection Agency (EPA) Method 8260B and gasoline-, diesel- and oil-range petroleum hydrocarbons (TPH-g [C_8 to C_{12}], TPH-d [C_{12} to C_{24}] and TPH-o [$C_{>24}$ to C_{40}], respectively) using Northwest Total Petroleum Hydrocarbons (NWTPH) Modified method. Laboratory analytical data for soil samples analyzed as part of this assessment are summarized in attached Table 1, Summary of Soil Analytical Data. The laboratory analytical report and COC document are provided as Appendix C, attached.

Waste Disposal

Investigation derived waste (IDW) generated during the field operations has been temporarily stored onsite pending characterization and disposal. A copy of the waste manifest(s) will be provided under separate cover once the IDW has been profiled and transported to an appropriate disposal facility.

FINDINGS

The lithology underlying the site consists primarily of: silty sand with clay; clay with silt and sand; silt with clay and sand; and, sand from the ground surface to approximately 35 feet bgs, the maximum extent of exploration. PID readings ranged from 0.1 parts per million (ppm) to 64.6 ppm. Refer to the edited boring logs in Appendix B for a summary of field observations noted during drilling activities.

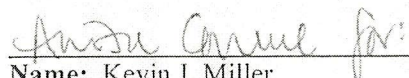
As shown in Table 1, laboratory analytical results for the soil samples selected for analysis indicate the following:

- TPH-g was detected at a concentration of 32 milligrams per kilogram (mg/kg) in the soil sample collected at approximately 25 feet bgs from boring B-2 (B-2-25).
- No other analytes were detected in excess of their respective laboratory method Limit of Quantitation in any of the soil samples submitted for analysis.

LIMITATIONS

This report was prepared in general accordance with the Shaw SOW dated September 27, 2007, and with generally accepted professional environmental consulting practices existing at the time this report was prepared and applicable to the location of the site. It was prepared for the exclusive use of ConocoPhillips for the express purpose of generating a baseline assessment of property conditions. Any re-use of this report for a different purpose shall be at the user's sole risk without liability to ATC. To the extent that this report is based on information provided to ATC by third parties, ATC may have made efforts to verify this third party information; however, ATC cannot guarantee the completeness or accuracy of this information. The data collected during this investigation and summarized in this report represents site conditions at the time field activities were conducted. No other warranties, expressed or implied, are made by ATC.

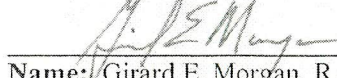
Prepared by:



Name: Kevin J. Miller

Title: Staff Scientist

Reviewed by:

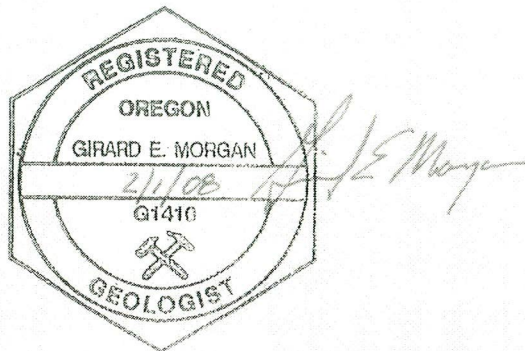


Name: Girard E. Morgan, R.G.

Title: Principal Geologist

The data presented by ATC in this document have been prepared under the supervision of and reviewed by the Licensed Professional whose signature appears below:

Licensed Approver:



Girard E. Morgan, Oregon Registration No. G1410
Principal Geologist

Attachments:

Table 1 – Summary of Soil Analytical Data

Figure 1 – Site Plan

Appendix A – Scope of Work

Appendix B – Boring Logs

Appendix C – Laboratory Analytical Report and Chain-of-Custody Documentation

TABLE

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
ConocoPhillips Site No. 2705460
425 Northeast Broadway Street, Portland, Oregon

Sample ID	Sample Depth (feet bgs)	Sample Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Other HVOC * (mg/kg)	Oxygenates * (mg/kg)	TPH-g (mg/kg)	TPH-d (mg/kg)	TPH-o (mg/kg)
			EPA 8260B						NWTPH Modified		
B-1-35	35	10/12/07	<0.006	<0.006	<0.006	<0.006	All analytes ND.	All analytes ND.	<5.6	<7.9	<34
B-2-25	25	10/12/07	<0.007	<0.007	<0.007	<0.007	All analytes ND.	All analytes ND.	32	<9.5	<41
B-2-35	35	10/12/07	<0.007	<0.007	<0.007	<0.007	All analytes ND.	All analytes ND.	<6.6	<9.3	<40
B-3-25	25	10/12/07	<0.006	<0.006	<0.006	<0.006	All analytes ND.	All analytes ND.	<6.2	<8.7	<37
B-4-25	25	10/12/07	<0.006	<0.006	<0.006	<0.006	All analytes ND.	All analytes ND.	<6.1	<8.6	<37
B-5-25	25	10/12/07	<0.007	<0.007	<0.007	<0.007	All analytes ND.	All analytes ND.	<6.9	<9.7	<42
Notes: bgs - Below ground surface. mg/kg - Milligrams per kilogram (equivalent to parts per million). HVOC - Halogenated volatile organic compounds. * - Only compounds detected at a concentration exceeding their respective laboratory method Limit of Quantitation (LOQ) are noted. TPH-g - Gasoline range organic hydrocarbons (C ₈ -C ₁₂). TPH-d - Diesel range organic hydrocarbons (C ₁₂ -C ₂₄). TPH-o - Oil range organic hydrocarbons (C _{>24} -C ₄₀). EPA - Environmental Protection Agency NWTPH - Northwest Total Petroleum Hydrocarbons <0.006 - Analyte not detected above specific laboratory method LOQ. ND - Analyte not detected above specific laboratory method LOQ.											

FIGURE

NORTHEAST ML KING BOULEVARD

NORTHEAST GRAND AVENUE

NORTHEAST BROADWAY STREET

APPROXIMATE
SITE BOUNDARY

CAR
WASH

B-1

ASPHALT

CANOPY

B-3

B-2

FUEL UST
FUEL UST
FUEL UST

COP
STATION NO.
2705460

B-4

B-5

DISPENSER
ISLAND (TYP.)

ASPHALT

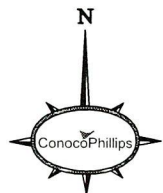
LEGEND

✦ SOIL BORING LOCATION



SCALE, FT

NOTE: LOCATIONS AND SCALE ARE APPROXIMATE



SITE PLAN

CONOCOPHILLIPS SITE NO. 2705460
425 NORTHEAST BROADWAY STREET
PORTLAND, OREGON

PROJECT NUMBER: 34.75118.3254

DATE: 12/6/07

FIGURE

APPROVED BY: KM

DRAWN BY: BK

1



9185 S. Farmer Ave., Ste. #107
Tempe, Arizona 85284-2912
Ph: (480) 894-2056 *** Fax: (480) 894-2497

APPENDIX A
SCOPE OF WORK

DIVESTITURE BASELINE PHASE II ASSESSMENT CONVERGED CONTRACTOR - SCOPE OF WORK

Site: 2705460
Address: 425 NE Broadway at NE Grand
Portland, OR

SITE SUMMARY

Former Owner: BP

Site is equipped with three fuel USTs and two product dispenser islands under a common canopy. Various site investigation activities were performed between 1991 and 2004. Borings were drilled to a maximum depth of 100 feet below ground surface in 2004; groundwater was not encountered. The Oregon Department of Environmental Quality issued a "No Further Action" letter in 2004. There are no known groundwater monitoring wells at the site; current depth to water and groundwater flow direction are not available.

Scope of Work to be performed at the site includes (see attached Figure):

- 2 borings (B-1, B-2) near the fuel USTs to maximum total depth of about 35 feet
- 3 borings (B-3, B-4, B-5) near the product islands to maximum total depth of about 25 feet

If groundwater is encountered in any of the borings, the boring shall be extended a minimum of five feet into the saturated zone and a groundwater grab sample collected. The boring shall then be terminated at that depth.

PRE-DRILLING ACTIVITIES

- After receiving this Scope of Work, develop requisition for submittal into ENFOS following procedure provided by COP.
- Identify, obtain, and prepare all necessary and relevant permits, work scope summaries, appropriate work plans, etc., in accordance with county and other specific local requirements. Oregon Department of Environmental Quality generally does not require the Contractor to submit work plans or obtain permits for exploratory borings or temporary wells. Drillers are required to submit completed borings logs to the State. For verification of compliance with state and local regulations, RM&R Area Manager (AM) will need confirmation of, or copies of required boring completion reports.
- Prepare and review site specific safety plan (Program HASP and JSA) with Phase II field team.
- Proposed changes to scope will be communicated to Shaw Consultant who will immediately notify the AM if such scope changes materially impact potential safety concern. For example, all bore hole locations will be cleared per RM&R process and that any and all departures from this protocol will have to be reviewed and approved by the AM.
- Schedule laboratory and obtain proper sample containers. Laboratory used must be COP converged laboratory.

- Shaw Consultant will be coordinating scheduling with Contractor and stakeholders per the "stakeholder engagement process". Prior to mobilization, Contractor must confirm date and time of site field activities with Shaw Consultant. **Contractor shall contact BP's Consultant Todd Banek, Delta Environmental, 503-639-8098, ext. 102, as part of the "stakeholder engagement process".**
- Provide notification to all individuals involved, laboratory, regulatory and/or permitting agencies.

FIELD ACTIVITIES

- All field work shall be conducted according to RM&R processes and Health and Safety protocols.
- Mark the proposed boring locations and locate underground utilities where necessary using "dig alert".
- Conduct all fieldwork in accordance with the site-specific health and safety plan prepared for this project.
- Prior to drilling, clear the boring locations for underground utilities by using an air knife/vacuum to a depth of five feet below ground surface (bgs) and one inch greater than the diameter of the mechanized equipment that will be used downhole.
- Install soil borings and collect soil samples as proposed on attached Table and Figure. **Choice of drilling method will give a priority to the minimization of waste. In addition, drilling methods should be appropriate for the site's geology so that "refusal", requiring re-mobilization, does not occur.** Collect soil samples every five feet and screen with an Organic Vapor Meter (OVM). Submit the sample with the highest OVM reading and the sample from the terminal depth of each boring for lab analyses (see Sampling Analysis Table). If all samples from a boring show OVM readings of less than 25 ppmv, collect a soil sample just above saturated zone (capillary fringe), or at the maximum depth of the boring if groundwater is not encountered, for laboratory analyses.
- If suspected release is encountered, Contractor shall notify AM immediately before any required notification to state and local regulators and to discuss any possible changes to the scope of work. Myron Smith, AM, 602-645-2505 (office), 602-432-1578 (cell).
- If groundwater is encountered prior to the total depth in the borings, the boring will be extended a minimum of five feet into the saturated zone and a groundwater grab sample will be collected and submitted for laboratory analyses as described on Page 2 and 3 of the General Scope of Work document.
- If respective State allows, dispose of investigative derived waste (IDW) on site (e.g. ground-spreading decon water). Otherwise store IDW, temporarily on-site in properly sealed and labeled, DOT-approved drums pending analytical results. Contractor shall coordinate with store manager for an appropriate location to store the drums.
- Arrange for profiling of drum contents and removal from the Site for disposal in accordance with applicable regulations and within 45 days of drilling per RM&R waste authorization process.
- Inspect site to ensure proper closure, security, etc., of wells, borings, and other site disruption issues and obtain concurrence from site personnel. The Contractor is responsible for ensuring the site is left in a clean and neat condition.
- These investigations will be conducted at sites which are active commercial operations. The Contractor is responsible for ensuring that the investigation is conducted in a manner

such that it causes as little disruption as possible to the business being conducted on the site.

- Contractor will enter near misses and incidents into Impact.

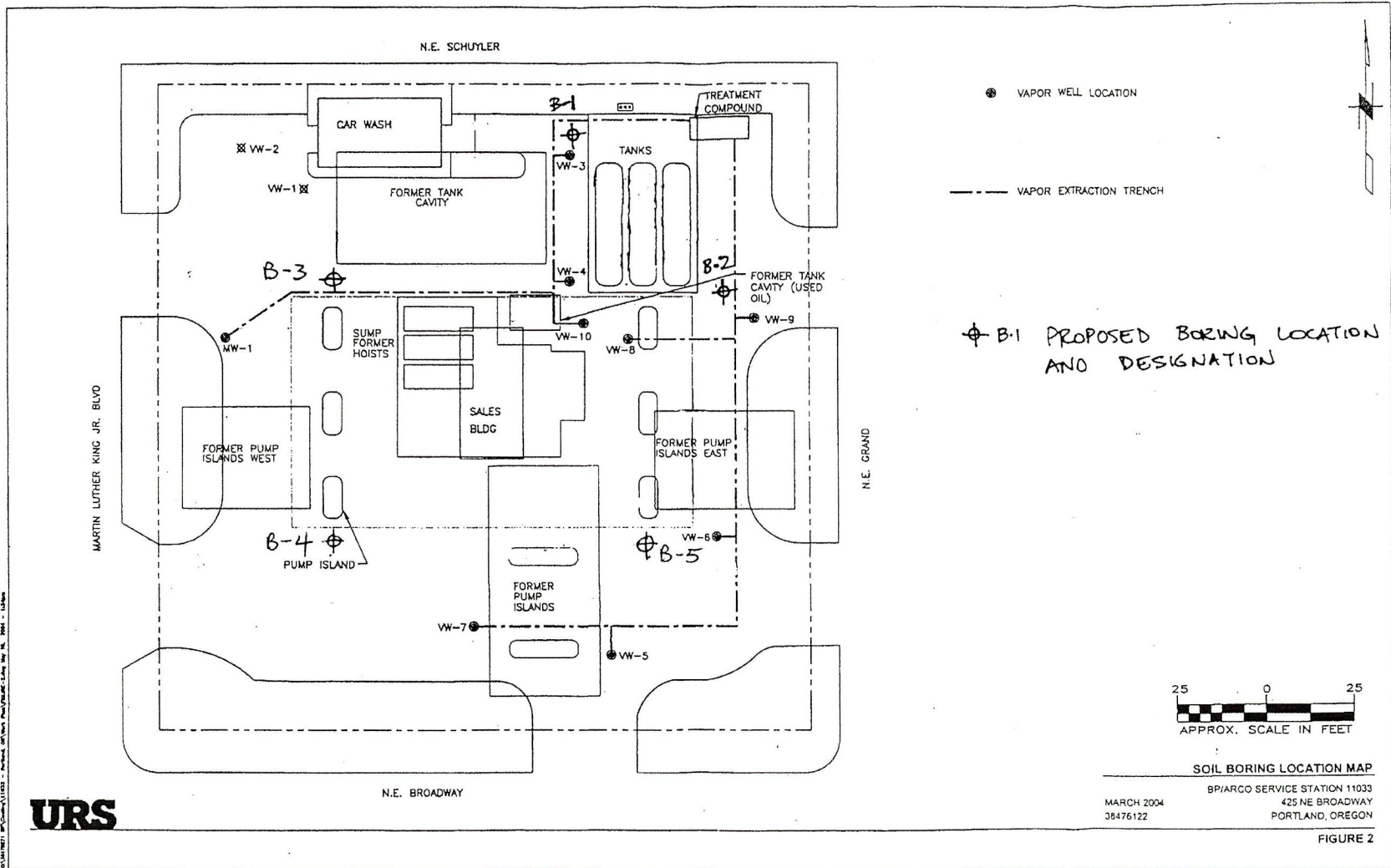
POST-DRILLING ACTIVITIES

- Complete due diligence report in format as provided by ConocoPhillips (COP). Complete any required agency reports. Contractor shall deliver report and agency reports in electronic format to Shaw Consultant for review and upload to COP database.
- Upon receiving sample results higher than detection levels, provide immediate notification to AM prior to submitting due diligence report to discuss possible notification to state and local regulators. Myron Smith, AM, 602-645-2505 (office), 602-432-1578 (cell).

ConocoPhillips Marketing Divestiture 2007 Phase II Due Diligence

Sampling Analysis Table

Sample Location	Laboratory Analytical Parameters & Methods for Soil and Groundwater									
	BTEX	TPH-g	Oxygenates	Ethanol	HVOC's	TPH-t	TPH-d	TPH-o	SVOCs	CAM Metals
	(8260B)					(8015M)			(8270)	(6010B)
Underground Fuel Storage Tank Complex (B-1, B-2) & Dispenser Islands (B-3, B-4, B-5)	X	X	X	X	X		X			



APPENDIX B
BORING LOGS

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES	Undisturbed Sample	Auger Cuttings																					
COARSE GRAINED SOILS (More than 50% of material is LARGER than No. 200 sieve size)	GRAVELS (More than 50% of coarse fraction is LARGER than the No. 4 sieve size)	CLEAN GRAVELS (Little or no fines)	GW	Well graded gravels, gravel - sand mixtures, little or no fines.																							
			GP	Poorly graded gravels or grave - sand mixtures, little or no fines.																							
		GRAVELS WITH FINES (Appreciable amount of fines)	GM	Silty gravels, gravel - sand - silt mixtures.																							
			GC	Clayey gravels, gravel - sand - clay mixtures.																							
	SANDS (More than 50% of coarse fraction is SMALLER than the No. 4 Sieve Size)	CLEAN SANDS (Little or no fines)	SW	Well graded sands, gravelly sands, little or no fines.																							
			SP	Poorly graded sands or gravelly sands, little or no fines.																							
		SANDS WITH FINES (Appreciable amount of fines)	SM	Silty sands, sand - silt mixtures																							
			SC	Clayey sands, sand - clay mixtures.																							
			Correlation of Penetration Resistance with Relative Density and Consistency																								
FINE GRAINED SOILS (More than 50% of material is SMALLER than No. 200 sieve size)	SILTS AND CLAYS (Liquid limit LESS than 50)	ML	Inorganic silts and very fine sands, rock flour, silty of clayey fine sands or clayey silts and with slight plasticity.	SAND & GRAVEL		SILT & CLAY																					
		CL	Inorganic lays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.																								
		OL	Organic silts and organic silty clays of low plasticity.	No. of Blows	Relative Density	No. of Blows	Consistency																				
		SILTS AND CLAYS (Liquid limit GREATER than 50)	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.	0 - 4	Very Loose	0 - 1	Very Soft																			
	CH		Inorganic clays of high plasticity, fat clays	5 - 10	Loose	2 - 4	Soft																				
	OH		Organic clays of medium to high plasticity, organic silts.	11 - 30	Medium Dense	5 - 8	Medium Stiff																				
				31 - 50	Dense	9 - 15	Stiff																				
	PT		Peat and other highly organic soils.	Over 50	Very Dense	16 - 30	Very Stiff																				
						Over 31	Hard																				
	HIGHLY ORGANIC SOILS																										
BOUNDARY CLASSIFICATIONS: Soils possessing characteristics of two groups are designated by combinations of group symbols.																											
<table><tr><td rowspan="2">SILT OR CLAY</td><td colspan="3">SAND</td><td colspan="2">GRAVEL</td><td rowspan="2">Cobbles</td><td rowspan="2">Boulders</td></tr><tr><td>Fine</td><td>Medium</td><td>Coarse</td><td>Fine</td><td>Coarse</td></tr><tr><td></td><td>No.200</td><td>No.40</td><td>No.10 No.4</td><td>3/4"</td><td>3"</td><td>12"</td><td></td></tr></table> U.S. STANDARD SIEVE SIZE							SILT OR CLAY	SAND			GRAVEL		Cobbles	Boulders	Fine	Medium	Coarse	Fine	Coarse		No.200	No.40	No.10 No.4	3/4"	3"	12"	
SILT OR CLAY	SAND			GRAVEL		Cobbles		Boulders																			
	Fine	Medium	Coarse	Fine	Coarse																						
	No.200	No.40	No.10 No.4	3/4"	3"	12"																					
9185 South Farmer Avenue, Suite 107 Tempe, Arizona 85284 (480)894-2056 (480)894-2497 fax																											

Reference: The Unified Soil Classification System, Corps of Engineers, U.S. Army Technical Memorandum No. 3-357, Vol. 1, March, 1953 (Revised April, 1960)

LOG OF BORING B-1

SHEET 1 OF 1

Client ConocoPhillips
 Project Name ConocoPhillips Site No. 2705460
 Number 34.75118.3254
 Location 425 NE Broadway Street, Portland, OR

Drill Contractor Cascade Drilling, Inc.
 Drill Method Geoprobe
 Drilling Started 10/12/07 Ended 10/12/07
 Logged By Evelyn Cummings

Elevation (ft amsl) --
 Total Depth (ft) 35
 Depth To Water (ft)

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
5						Airknifed to 5.5' bgs. No sample recovery.	5
10						No sample recovery.	10
15	CT B-1-15		0.0	SM		SILTY SAND WITH CLAY. 45% sand, 40% silt, 15% clay. Brown. Moist.	15
20	CT B-1-20		0.0	ML		CLAYEY SILT WITH TRACE SAND. 65% silt, 30% clay, 5% sand. Red brown. Moist.	20
25	CT B-1-25		0.1	SM		SILTY SAND WITH CLAY. Brown.	25
30	CT B-1-30		0.4			SANDY SILT. 4" thick.	30
35	CT B-1-35		0.2			Bottom of hole at 35 feet	35



9185 S. Farmer Ave., Ste 107
 Tempe, Arizona 85284
 Phone: 480.894.2056
 Fax: 480.894.2497

Remarks: Groundwater not encountered.

See key sheet for symbols and abbreviations used above.

LOG A EWN05 2705460 BORING LOGS.GPJ LOG A EWN05.GDT 2/1/08

LOG OF BORING B-2

SHEET 1 OF 1

Client ConocoPhillips

Drill Contractor Cascade Drilling, Inc.

Project Name ConocoPhillips Site No. 2705460

Drill Method Geoprobe

Elevation (ft amsl) --

Number 34.75118.3254

Drilling Started 10/12/07 Ended 10/12/07

Total Depth (ft) 35

Location 425 NE Broadway Street, Portland, OR

Logged By Evelyn Cummings

Depth To Water (ft)

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 5' bgs. No sample recovery.	
5	CT B-2-5		0.0			SILTY CLAY. 60% clay, 40% silt. Dark red brown. Moist.	5
10	CT B-2-10		0.0				10
				CL			
15	CT B-2-15		0.0			65% clay, 35% silt. Dark gray.	15
20						No sample recovery.	20
25	CT B-2-25		64.6			SILTY CLAY. 65% clay, 35% silt. Dark gray. Moist.	25
30	CT B-2-30		1.8	CL			30
35	CT B-2-35		12.0			Bottom of hole at 35 feet	35



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Fax: 480.894.2497

Remarks: Groundwater not encountered.

See key sheet for symbols and abbreviations used above.

LOG A EWN05 2705460 BORING LOGS.GPJ LOG A EWN05.GDT 2/1/08

LOG OF BORING B-3

SHEET 1 OF 1

Client ConocoPhillips
 Project Name ConocoPhillips Site No. 2705460
 Number 34.75118.3254
 Location 425 NE Broadway Street, Portland, OR

Drill Contractor Cascade Drilling, Inc.
 Drill Method Geoprobe
 Drilling Started 10/12/07 Ended 10/12/07
 Logged By Evelyn Cummings

Elevation (ft amsl) --
 Total Depth (ft) 25
 Depth To Water (ft)

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 5.7' bgs. No sample recovery.	
5	CT B-3-5		0.0				5
10	CT B-3-10		0.4	SM		SILTY SAND. 85% sand, 15% silt. Coarse grained sand. Dark brown.	10
15	CT B-3-15		2.6	CL		SILTY CLAY. Gray.	15
				SP		SAND. Coarse grained. Dark brown to black.	
20	CT B-3-20		1.5	CL		SILTY CLAY. Medium brown. Low plasticity. Moist.	20
				SP		SAND. Coarse grained. Dark brown to black.	
25	CT B-3-25		0.3	CL		SILTY CLAY. Reddish brown. Low to medium plasticity. Moist.	25
						Bottom of hole at 25 feet	

LOG A EWN05 2705460 BORING LOGS.GPJ LOG A EWN05.GDT 2/1/08



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 Tempe, Arizona 85284
 Phone: 480.894.2056
 Fax: 480.894.2497

Remarks: Groundwater not encountered.

See key sheet for symbols and abbreviations used above.

Client ConocoPhillips
 Project Name ConocoPhillips Site No. 2705460
 Number 34.75118.3254
 Location 425 NE Broadway Street, Portland, OR

Drill Contractor Cascade Drilling, Inc.
 Drill Method Geoprobe
 Drilling Started 10/12/07 Ended 10/12/07
 Logged By Evelyn Cummings

LOG OF BORING B-4

SHEET 1 OF 1

Elevation (ft amsl) --

Total Depth (ft) 25

Depth To Water (ft)

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 5.7' bgs. No sample recovery.	
5	CT B-4-5		0.0				5
10	CT B-4-10		2.5	CL		SILTY CLAY. 60% clay, 40% silt. Medium brown. Low plasticity. Moist.	10
15	CT B-4-15		0.0			CONCRETE, ASPHALT AND SAND MIXTURE.	15
						SANDY SILTY CLAY. 45% clay, 35% silt, 20% sand. Medium brown to reddish brown. Low plasticity. Moist.	
20	CT B-4-20		0.0	CL			20
						Dark gray to black.	
25	CT B-4-25		0.0			75% clay, 25% silt. Dark gray.	25
						Bottom of hole at 25 feet	



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 Tempe, Arizona 85284
 Phone: 480.894.2056
 Fax: 480.894.2497

Remarks: Groundwater not encountered.

See key sheet for symbols and abbreviations used above.

LOG A EWN05 2705460 BORING LOGS.GPJ LOG A EWN05.GDT 2/1/08

LOG OF BORING B-5

SHEET 1 OF 1

Client ConocoPhillips

Drill Contractor Cascade Drilling, Inc.

Project Name ConocoPhillips Site No. 2705460

Drill Method Geoprobe

Elevation (ft amsl) --

Number 34.75118.3254

Drilling Started 10/12/07 Ended 10/12/07

Total Depth (ft) 25

Location 425 NE Broadway Street, Portland, OR

Logged By Evelyn Cummings

Depth To Water (ft)

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 6' bgs. No sample recovery.	
5	CT B-5-5	3.7					5
				CL		SILTY CLAY. 70% clay, 30% silt. Medium brown. Low to medium plasticity. Moist.	
10	CT B-5-10	17.0				CONCRETE, ASPHALT AND SAND MIXTURE.	10
						SILTY CLAY. Medium brown. Low plasticity. Moist.	
15	CT B-5-15	3.0				65% clay, 35% silt.	15
				CL			
20	CT B-5-20	2.5				60% clay, 40% silt.	20
25	CT B-5-25	0.0				Bottom of hole at 25 feet	25

LOG A EWN05 2705460 BORING LOGS.GPJ LOG A EWN05.GDT 2/1/08



9185 S. Farmer Ave., Ste 107
Tempe, Arizona 85284
Phone: 480.894.2056
Fax: 480.894.2497

Remarks: Groundwater not encountered.

See key sheet for symbols and abbreviations used above.

APPENDIX C

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



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

Analysis Report

ANALYTICAL RESULTS

Prepared for:

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

602-452-2502

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1060860. Samples arrived at the laboratory on Saturday, October 13, 2007. The PO# for this group is 4508846999 and the release number is BOONE.

<u>Client Description</u>	<u>Lancaster Labs Number</u>
B-1-35 Grab Soil	5184304
B-2-25 Grab Soil	5184305
B-2-35 Grab Soil	5184306
B-3-25 Grab Soil	5184307
B-4-25 Grab Soil	5184308
B-5-25 Grab Soil	5184309

ELECTRONIC COPY TO
ELECTRONIC COPY TO
ATC Associates

Attn: Anita Carrano

Attn: Rebekah Wilson



Analysis Report

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

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

Respectfully Submitted,

A handwritten signature in cursive script, appearing to read "Christine Dulaney".

Christine Dulaney
Senior Specialist



Analysis Report

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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184304

B-1-35 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 08:40 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB135

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	11.1	0.50	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.1	5.6	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.4	7.9	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	11.	34.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.001 J	0.0006	0.006	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.006	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.006	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.006	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.023	0.11	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.11	0.56	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.006	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.006	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.011	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.006	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.006	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.006	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.006	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.006	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.006	mg/kg	1
05450	Methylene Chloride	75-09-2	N.D.	0.002	0.006	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.006	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.006	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.006	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.006	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.006	mg/kg	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184304

B-1-35 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 08:40 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB135

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.006	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0006	0.006	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.006	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.006	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.006	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.006	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.006	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.006	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.006	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.006	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.006	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.006	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.006	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.006	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.006	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.006	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.006	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.006	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.006	mg/kg	1

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/17/2007 04:46	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 16:11	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 07:17	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 07:17	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 03:52	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/17/2007 04:46	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/16/2007 15:30	Doreen K Robles	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184304

B-1-35 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 08:40 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB135

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184305

B-2-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 09:50 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB225

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	26.4	0.50	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	32.	1.4	6.8	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	4.1	9.5	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	14.	41.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0007	0.007	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.007	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.007	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.007	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.027	0.13	mg/kg	0.99
06089	Ethanol	64-17-5	N.D.	0.13	0.67	mg/kg	0.99
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.007	mg/kg	0.99
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.007	mg/kg	0.99
08199	Freon 113	76-13-1	N.D.	0.003	0.013	mg/kg	0.99
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.003	0.007	mg/kg	0.99
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.007	mg/kg	0.99
05446	Bromomethane	74-83-9	N.D.	0.003	0.007	mg/kg	0.99
05447	Chloroethane	75-00-3	N.D.	0.003	0.007	mg/kg	0.99
05448	Trichlorofluoromethane	75-69-4	N.D.	0.003	0.007	mg/kg	0.99
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.007	mg/kg	0.99
05450	Methylene Chloride	75-09-2	0.004 J	0.003	0.007	mg/kg	0.99
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.007	mg/kg	0.99
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.007	mg/kg	0.99
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.007	mg/kg	0.99
05455	Chloroform	67-66-3	N.D.	0.001	0.007	mg/kg	0.99
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.007	mg/kg	0.99

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184305

B-2-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 09:50 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB225

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.007	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0007	0.007	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.007	mg/kg	0.99
05462	Trichloroethene	79-01-6	N.D.	0.001	0.007	mg/kg	0.99
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.007	mg/kg	0.99
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.007	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	0.007	mg/kg	0.99
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.007	mg/kg	0.99
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.007	mg/kg	0.99
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.007	mg/kg	0.99
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.007	mg/kg	0.99
05474	Ethylbenzene	100-41-4	0.001 J	0.001	0.007	mg/kg	0.99
05475	m+p-Xylene	1330-20-7	0.002 J	0.001	0.007	mg/kg	0.99
05476	o-Xylene	95-47-6	N.D.	0.001	0.007	mg/kg	0.99
05478	Bromoform	75-25-2	N.D.	0.001	0.007	mg/kg	0.99
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.007	mg/kg	0.99
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.007	mg/kg	0.99
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.007	mg/kg	0.99
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.007	mg/kg	0.99

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/18/2007 10:54	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 22:02	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 12:21	Holly Berry	0.99
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 12:21	Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 03:54	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	10/15/2007 21:21	Eric L Vera	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/17/2007 23:25	Karen L Beyer	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184305

B-2-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 09:50 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

ConocoPhillips

Reported: 10/26/2007 at 19:53

Suite 212

Discard: 11/26/2007

1230 W. Washington

Tempe AZ 85281

NB225

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184306

B-2-35 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 10:00 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB235

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture "Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.	n.a.	24.6	0.50	0.50	%	1
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.3	6.6	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	4.0	9.3	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	13.	40.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0007	0.007	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.007	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.007	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.007	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.026	0.13	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.13	0.66	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.007	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.007	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.003	0.013	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.003	0.007	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.007	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.003	0.007	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.003	0.007	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.003	0.007	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.007	mg/kg	1
05450	Methylene Chloride	75-09-2	0.005 J	0.003	0.007	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.007	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.007	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.007	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.007	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.007	mg/kg	1

*=This limit was used in the evaluation of the final result



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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184306

B-2-35 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 10:00 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB235

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.007	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0007	0.007	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.007	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.007	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.007	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.007	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.007	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.007	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.007	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.007	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.007	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.007	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.007	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.007	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.007	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.007	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.007	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.007	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.007	mg/kg	1

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/16/2007 21:02	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 20:24	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 07:41	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 07:41	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 03:56	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	2	10/15/2007 12:39	Larry E Bevins	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/17/2007 23:25	Karen L Beyer	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184306

B-2-35 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 10:00 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB235

*=This limit was used in the evaluation of the final result

Lancaster Laboratories Sample No. SW 5184307

B-3-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 13:10 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB325

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture	n.a.	19.5	0.50	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.						
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.2	6.2	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.7	8.7	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	12.	37.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0006	0.006	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.006	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.006	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.006	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.025	0.12	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.12	0.62	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.006	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.006	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.002	0.012	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.006	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.006	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.002	0.006	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.002	0.006	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.006	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.006	mg/kg	1
05450	Methylene Chloride	75-09-2	0.003 J	0.002	0.006	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.006	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.006	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.006	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.006	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.006	mg/kg	1

* = This limit was used in the evaluation of the final result



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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184307

B-3-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 13:10 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB325

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.006	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0006	0.006	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.006	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.006	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.006	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.006	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.006	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.006	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.006	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.006	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.006	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.006	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.006	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.006	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.006	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.006	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.006	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.006	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.006	mg/kg	1

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/16/2007 12:17	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 20:44	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 08:04	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 08:04	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 03:58	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	2	10/15/2007 12:41	Larry E Bevins	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/17/2007 23:25	Karen L Beyer	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184307

B-3-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 13:10 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB325

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184308

B-4-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:55 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB425

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture "Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.	n.a.	18.5	0.50	0.50	%	1
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	N.D.	1.2	6.1	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	3.7	8.6	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	12.	37.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0006	0.006	mg/kg	0.99
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.006	mg/kg	0.99
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.006	mg/kg	0.99
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.006	mg/kg	0.99
02020	t-Butyl alcohol	75-65-0	N.D.	0.024	0.12	mg/kg	0.99
06089	Ethanol	64-17-5	N.D.	0.12	0.61	mg/kg	0.99
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.006	mg/kg	0.99
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.006	mg/kg	0.99
08199	Freon 113	76-13-1	N.D.	0.002	0.012	mg/kg	0.99
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.006	mg/kg	0.99
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.006	mg/kg	0.99
05446	Bromomethane	74-83-9	N.D.	0.002	0.006	mg/kg	0.99
05447	Chloroethane	75-00-3	N.D.	0.002	0.006	mg/kg	0.99
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.006	mg/kg	0.99
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.006	mg/kg	0.99
05450	Methylene Chloride	75-09-2	0.002 J	0.002	0.006	mg/kg	0.99
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.006	mg/kg	0.99
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.006	mg/kg	0.99
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.006	mg/kg	0.99
05455	Chloroform	67-66-3	N.D.	0.001	0.006	mg/kg	0.99
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.006	mg/kg	0.99

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184308

B-4-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:55 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB425

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.006	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.0006	0.006	mg/kg	0.99
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.006	mg/kg	0.99
05462	Trichloroethene	79-01-6	N.D.	0.001	0.006	mg/kg	0.99
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.006	mg/kg	0.99
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.006	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	0.006	mg/kg	0.99
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.006	mg/kg	0.99
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.006	mg/kg	0.99
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.006	mg/kg	0.99
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.006	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.006	mg/kg	0.99
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.006	mg/kg	0.99
05476	o-Xylene	95-47-6	N.D.	0.001	0.006	mg/kg	0.99
05478	Bromoform	75-25-2	N.D.	0.001	0.006	mg/kg	0.99
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.006	mg/kg	0.99
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.006	mg/kg	0.99
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.006	mg/kg	0.99
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.006	mg/kg	0.99

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/16/2007 13:20	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 21:03	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 08:27	Holly Berry	0.99
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 08:27	Holly Berry	0.99
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 04:00	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	2	10/15/2007 12:42	Larry E Bevins	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/17/2007 23:25	Karen L Beyer	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184308

B-4-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:55 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB425

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 1 of 3

Lancaster Laboratories Sample No. SW 5184309

B-5-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:05 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB525

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
00111	Moisture "Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.	n.a.	27.9	0.50	0.50	%	1
02005	TPH by NWTPH-Gx soils						
01659	TPH by NWTPH-Gx soils	n.a.	3.2 J	1.4	6.9	mg/kg	25
02214	TPH by NWTPH-Dx(soils) w/SiGel						
02097	Diesel Range Organics	n.a.	N.D.	4.2	9.7	mg/kg	1
02098	Heavy Range Organics	n.a.	N.D.	14.	42.	mg/kg	1
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.0007	0.007	mg/kg	1
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.007	mg/kg	1
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.007	mg/kg	1
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.007	mg/kg	1
02020	t-Butyl alcohol	75-65-0	N.D.	0.028	0.14	mg/kg	1
06089	Ethanol	64-17-5	N.D.	0.14	0.69	mg/kg	1
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.007	mg/kg	1
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.007	mg/kg	1
08199	Freon 113	76-13-1	N.D.	0.003	0.014	mg/kg	1
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.003	0.007	mg/kg	1
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.007	mg/kg	1
05446	Bromomethane	74-83-9	N.D.	0.003	0.007	mg/kg	1
05447	Chloroethane	75-00-3	N.D.	0.003	0.007	mg/kg	1
05448	Trichlorofluoromethane	75-69-4	N.D.	0.003	0.007	mg/kg	1
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.007	mg/kg	1
05450	Methylene Chloride	75-09-2	0.003 J	0.003	0.007	mg/kg	1
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.007	mg/kg	1
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.007	mg/kg	1
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.007	mg/kg	1
05455	Chloroform	67-66-3	N.D.	0.001	0.007	mg/kg	1
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.007	mg/kg	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 3

Lancaster Laboratories Sample No. SW 5184309

B-5-25 Grab Soil
Site# 2705460
425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:05 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20
Reported: 10/26/2007 at 19:53
Discard: 11/26/2007

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

NB525

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit*	Dry Limit of Quantitation	Units	Dilution Factor
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.007	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.0007	0.007	mg/kg	1
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.007	mg/kg	1
05462	Trichloroethene	79-01-6	N.D.	0.001	0.007	mg/kg	1
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.007	mg/kg	1
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.007	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	0.007	mg/kg	1
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.007	mg/kg	1
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.007	mg/kg	1
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.007	mg/kg	1
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.007	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.007	mg/kg	1
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.007	mg/kg	1
05476	o-Xylene	95-47-6	N.D.	0.001	0.007	mg/kg	1
05478	Bromoform	75-25-2	N.D.	0.001	0.007	mg/kg	1
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.007	mg/kg	1
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.007	mg/kg	1
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.007	mg/kg	1
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.007	mg/kg	1

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
00111	Moisture	SM20 2540 G	1	10/16/2007 15:17	Scott W Freisher	1
02005	TPH by NWTPH-Gx soils	ECY 97-602 NWTPH-Gx modified	1	10/16/2007 14:01	Linda C Pape	25
02214	TPH by NWTPH-Dx(soils) w/SiGel	ECY 97-602 NWTPH-Dx modified	1	10/18/2007 21:23	Heather E Williams	1
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	10/19/2007 08:50	Holly Berry	1
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	10/19/2007 08:50	Holly Berry	1
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	10/19/2007 04:02	Holly Berry	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	2	10/15/2007 12:44	Larry E Bevins	n.a.
07024	DRO Alternate Soil Extraction	ECY 97-602 NWTPH-Dx 06/97	1	10/17/2007 23:25	Karen L Beyer	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 3 of 3

Lancaster Laboratories Sample No. SW 5184309

B-5-25 Grab Soil

Site# 2705460

425 NE Broadway - Portland, OR

Collected: 10/12/2007 11:05 by EC

Account Number: 12258

Submitted: 10/13/2007 10:20

Reported: 10/26/2007 at 19:53

Discard: 11/26/2007

ConocoPhillips

Suite 212

1230 W. Washington

Tempe AZ 85281

NB525

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 1 of 5

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/26/07 at 07:53 PM

Group Number: 1060860

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**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 07282A02B TPH by NWTPH-Gx soils	Sample number(s): 5184304 N.D.	1.0	5.0	mg/kg	104		67-119		
Batch number: 07288A02A TPH by NWTPH-Gx soils	Sample number(s): 5184307-5184309 N.D.	1.0	5.0	mg/kg	97		67-119		
Batch number: 07288A02B TPH by NWTPH-Gx soils	Sample number(s): 5184306 N.D.	25.	130.	mg/kg	97		67-119		
Batch number: 072890006A Diesel Range Organics Heavy Range Organics	Sample number(s): 5184304 N.D.	3.0 10.	7.0 30.	mg/kg mg/kg	68		60-120		
Batch number: 07289820004A Moisture	Sample number(s): 5184304-5184307				100		99-101		
Batch number: 07289820004B Moisture	Sample number(s): 5184308-5184309				100		99-101		
Batch number: 072900012A Diesel Range Organics Heavy Range Organics	Sample number(s): 5184305-5184309 N.D.	3.0 10.	7.0 30.	mg/kg mg/kg	81	82	60-120	2	20
Batch number: 07290A02A TPH by NWTPH-Gx soils	Sample number(s): 5184305 N.D.	1.0	5.0	mg/kg	89		67-119		
Batch number: B072921AA Methyl Tertiary Butyl Ether di-Isopropyl ether Ethyl t-butyl ether t-Amyl methyl ether t-Butyl alcohol Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Methylene Chloride trans-1,2-Dichloroethene 1,1-Dichloroethane cis-1,2-Dichloroethene Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride Benzene 1,2-Dichloroethane	Sample number(s): 5184304-5184309 N.D.	0.0005 0.001 0.001 0.001 0.001 0.002 0.002 0.001 0.002 0.002 0.002 0.001 0.002 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.001 0.0005 0.001	0.005 0.005 0.005 0.005 0.10 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005 0.005	mg/kg mg/kg	102 95 96 92 96 105 104 108 101 125 106 114 103 102 101 108 111 115 101 113		72-117 72-120 72-115 73-116 59-154 44-115 52-111 53-124 63-120 58-125 83-121 75-120 84-116 82-116 84-113 81-117 74-127 76-122 84-115 76-126		

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/26/07 at 07:53 PM

Group Number: 1060860

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Trichloroethene	N.D.	0.001	0.005	mg/kg	105		81-114		
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	94		78-119		
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	102		77-116		
Toluene	N.D.	0.001	0.005	mg/kg	99		81-116		
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	91		81-112		
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	114		77-120		
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	98		80-113		
Chlorobenzene	N.D.	0.001	0.005	mg/kg	100		81-112		
Ethylbenzene	N.D.	0.001	0.005	mg/kg	98		82-115		
m+p-Xylene	N.D.	0.001	0.005	mg/kg	99		82-117		
o-Xylene	N.D.	0.001	0.005	mg/kg	98		82-117		
Bromoform	N.D.	0.001	0.005	mg/kg	92		63-120		
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	77		64-121		
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	97		76-112		
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	96		78-108		
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	94		81-109		
Ethanol	N.D.	0.10	0.50	mg/kg	120		48-149		
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	87		79-112		
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	96		80-111		
Freon 113	N.D.	0.002	0.010	mg/kg	101		68-121		

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: 07282A02B TPH by NWTPH-Gx soils	70	75	39-118	7	30	Sample number(s): 5184304 UNSPK: P164561			
Batch number: 07288A02A TPH by NWTPH-Gx soils	60	77	39-118	19	30	Sample number(s): 5184307-5184309 UNSPK: P184623			
Batch number: 07288A02B TPH by NWTPH-Gx soils	60	77	39-118	19	30	Sample number(s): 5184306 UNSPK: P184623			
Batch number: 072890006A Diesel Range Organics						Sample number(s): 5184304 BKG: 5184304	N.D.	0 (1)	20
Heavy Range Organics							N.D.	0 (1)	20
Batch number: 07289820004A Moisture						Sample number(s): 5184304-5184307 BKG: 5184304	11.1	0	15
Batch number: 07289820004B Moisture						Sample number(s): 5184308-5184309 BKG: 5184308	18.5	15	15
Batch number: 07290A02A TPH by NWTPH-Gx soils	72	88	39-118	20	30	Sample number(s): 5184305 UNSPK: P176782			
Batch number: B072921AA Methyl Tertiary Butyl Ether di-Isopropyl ether	87 75	85 75	59-119 58-113	3 1	30 30	Sample number(s): 5184304-5184309 UNSPK: P183418			

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/26/07 at 07:53 PM

Group Number: 1060860

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
Ethyl t-butyl ether	77	76	60-112	1	30				
t-Amyl methyl ether	75	76	63-112	1	30				
t-Butyl alcohol	79	73	51-134	7	30				
Chloromethane	89	86	38-115	3	30				
Vinyl Chloride	80	81	41-104	1	30				
Bromomethane	84	84	50-114	1	30				
Chloroethane	78	79	52-114	1	30				
Trichlorofluoromethane	97	95	39-122	1	30				
1,1-Dichloroethene	82	83	64-118	1	30				
Methylene Chloride	90	88	50-127	3	30				
trans-1,2-Dichloroethene	79	77	60-110	2	30				
1,1-Dichloroethane	79	79	65-115	0	30				
cis-1,2-Dichloroethene	78	77	67-110	1	30				
Chloroform	84	83	69-117	1	30				
1,1,1-Trichloroethane	84	85	64-118	1	30				
Carbon Tetrachloride	87	87	56-120	0	30				
Benzene	77	77	66-112	1	30				
1,2-Dichloroethane	92	92	62-130	1	30				
Trichloroethene	81	81	48-131	0	30				
1,2-Dichloropropane	75	74	64-112	1	30				
Bromodichloromethane	77	78	66-119	0	30				
Toluene	74	73	50-121	1	30				
1,1,2-Trichloroethane	76	76	64-118	0	30				
Tetrachloroethene	84	89	40-140	5	30				
Dibromochloromethane	77	77	67-113	0	30				
Chlorobenzene	79	77	58-109	2	30				
Ethylbenzene	75	74	54-116	1	30				
m+p-Xylene	74	73	52-117	1	30				
o-Xylene	74	73	52-117	2	30				
Bromoform	78	78	54-114	0	30				
1,1,2,2-Tetrachloroethane	68	65	37-142	4	30				
1,3-Dichlorobenzene	73	74	47-109	1	30				
1,4-Dichlorobenzene	74	75	47-109	1	30				
1,2-Dichlorobenzene	73	75	50-111	2	30				
Ethanol	91	86	35-148	5	30				
trans-1,3-Dichloropropene	70	71	60-110	1	30				
cis-1,3-Dichloropropene	74	74	56-112	0	30				
Freon 113	77	78	47-115	1	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-Gx soils
Batch number: 07282A02B
Trifluorotoluene-F

5184304	81
Blank	91

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/26/07 at 07:53 PM

Group Number: 1060860

Surrogate Quality Control

LCS 99
MS 60*
MSD 63

Limits: 61-122

Analysis Name: TPH by NWTPH-Gx soils
Batch number: 07288A02A
Trifluorotoluene-F

5184307 76
5184308 75
5184309 69
Blank 92
LCS 93
MS 78
MSD 90

Limits: 61-122

Analysis Name: TPH by NWTPH-Gx soils
Batch number: 07288A02B
Trifluorotoluene-F

5184306 79
Blank 89
LCS 93
MS 78
MSD 90

Limits: 61-122

Analysis Name: TPH by NWTPH-Dx(soils) w/SiGel
Batch number: 072890006A
Orthoterphenyl

5184304 98
Blank 89
DUP 101
LCS 114

Limits: 50-150

Analysis Name: TPH by NWTPH-Dx(soils) w/SiGel
Batch number: 072900012A
Orthoterphenyl

5184305 95
5184306 100
5184307 101
5184308 98
5184309 105
Blank 105
LCS 114
LCSD 116

Limits: 50-150

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

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

Quality Control Summary

Client Name: ConocoPhillips
Reported: 10/26/07 at 07:53 PM

Group Number: 1060860

Surrogate Quality Control

Analysis Name: TPH by NWTPH-Gx soils
Batch number: 07290A02A
Trifluorotoluene-F

5184305	90
Blank	91
LCS	97
MS	79
MSD	92

Limits: 61-122

Analysis Name: EPA SW846/8260 (soil)
Batch number: B072921AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5184304	108	101	100	91
5184305	109	101	103	100
5184306	109	101	101	96
5184307	110	102	101	91
5184308	109	104	101	91
5184309	110	102	100	91
Blank	110	106	100	92
LCS	110	104	100	92
MS	111	105	99	92
MSD	111	107	100	93
Limits:	71-114	70-109	70-123	70-111

*- Outside of specification

** - This limit was used in the evaluation of the final result for the blank

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

ConocoPhillips Analysis Request/Chain of Custody



For Lancaster Labs Use ONLY Act. #:

12258

Group #

1060860

Sample#:

5184304-09

SCR#:

006446

Site #: 2705460 AOC#:

Site City: PORTLAND (NE BROADWAY) State: OR

Enfos PO#

ConocoPhillips PM: MAX BORNE

Samplers Name: E. CUMMINGS

Analyses Requested

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

Preservation Codes

Preservative Codes
H = HCl T = Thiosulfate
N = HNO₃ B = NaOH
S = H₂SO₄ O = Other

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	Matrix	Preservation Codes	# of Containers	Remarks
B-1-15	10.12.07	820	X		X						3	
B-1-20		825	X		X						3	
B-1-25		830	X		X						3	
B-1-30		835	X		X						3	
B-1-35		840	X		X						3	
B-2-5		0930	X		X						3	
B-2-10		0935	X		X						3	
B-2-15		0940	X		X						3	
B-2-25		0950	X		X						3	
B-2-30		0955	X		X						3	
B-2-35		1000	X		X						3	
B-3-5		1250	X		X						3	
B-3-10		1255	X		X						3	

Consultant Information:

Office City: TACED State: OR

Project Manager: KELLY KLINE

Phone Number: 503 684 0525 Fax: 503 624 0415

Email: Kelly.Kline@atcassociates.com

Electronic Data Deliverables (Circle One) Yes / No Format

Reporting Requirements (Circle One)

Standard Reports/QC Summary Full Validation (LLI Type I)

NJ Regulatory NJ Reduced NY ASP-A NY ASP-B Other

Turnaround Time Requested in Business Days (TAT) (Circle One):

STD. 15 day 48 hour 24 hour Other

Relinquished by:	Date	Time	Received by:	Date	Time
See [Signature]	10.12.07	1730			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
			Katie Hawthorne	10/13/07	10:20
Relinquished by Commercial Carrier:					
UPS FedEx X Other					
			Temperature Upon Receipt		C°

Conoco Phillips Analysis Request/Chain of Custody



For Lancaster Labs Use ONLY Acc. #:

12258

Group #

1060860

Sample#:

5184304-09

SCR#:

006229

Site #: 2705460 AOC#:
 Site City: PORTLAND (NE Bldg) State: OR
 Enfos PO#
 ConocoPhillips PM: Max Boone
 Samplers Name: E. Cummings

Analyses Requested

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

Preservation Codes

Preservative Codes

H = HCl T = Thiosulfate
 N = HNO₃ B = NaOH
 S = H₂SO₄ O = Other

Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Oil	Air	8260 BTEX	8260 Ethanol	8260 Organics	8260 HAPs	Nitrate-N	Nitrate-Dx	1010	# of Containers
B-3-5	10/12/07	1300	X		X											3
B-3-20		1305	X		X										X	3
B-3-25		1310	X		X				X	X	X	X	X	X		3
B-4-5		1135	X		X											3
B-4-10		1140	X		X										X	3
B-4-15		1145	X		X										X	3
B-4-20		1150	X		X										X	3
B-4-25		1155	X		X				X	X	X	X	X	X		3
B-5-5		1045	X		X											3
B-5-10		1050	X		X										X	3
B-5-15		1055	X		X										X	2
B-5-20		1100	X		X										X	3
B-5-25		1105	X		X				X	X	X	X	X	X		3

Remarks

Consultant Information:

Office City: Tualuma State: OR
 Project Manager: Kelly Kline
 Phone Number: 503 684 0525 Fax: 503 684 0415
 Email: Kelly.Kline@afassociates.com

Turnaround Time Requested in Business Days (TAT) (Circle One):

STD 5 day 48 hour 24 hour Other

Relinquished by:	Date	Time	Received by:	Date	Time
<i>[Signature]</i>	10/12/07	1530			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
			<i>[Signature]</i>	10/13/07	10:20
Relinquished by Commercial Carrier:	UPS	FedEx	Other	Temperature Upon Receipt	2.7 °C

Electronic Data Deliverables (Circle One) Yes / No Format

Reporting Requirements (Circle One)

Standard Reports/QC Summary Full Validation (LL Type I)
 NJ Regulatory NJ Reduced NY ASP-A NY ASP-B Other

Lancaster Laboratories

Explanation of Symbols and Abbreviations

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

N.D.	none detected	BMQL	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	MPN	Most Probable Number
IU	International Units	CP Units	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	NTU	nephelometric turbidity units
C	degrees Celsius	F	degrees Fahrenheit
Cal	(diet) calories	lb.	pound(s)
meq	milliequivalents	kg	kilogram(s)
g	gram(s)	mg	milligram(s)
ug	microgram(s)	l	liter(s)
ml	milliliter(s)	ul	microliter(s)
m3	cubic meter(s)	fib >5 um/ml	fibers greater than 5 microns in length per ml
<	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.		
>	greater than		
ppm	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.		
ppb	parts per billion		
Dry weight basis	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	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike amount not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
J	Estimated value	U	Compound was not detected
N	Presumptive evidence of a compound (TICs only)	W	Post digestion spike out of control limits
P	Concentration difference between primary and confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound was not detected	+	Correlation coefficient for MSA <0.995
X,Y,Z	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.

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DANA Kevin

From: KORTENHOF Mike
Sent: Thursday, December 04, 2008 9:05 AM
To: KENT Lynne; DANA Kevin; TORAN Greg; MCCOY Bob
Subject: FW: Pacific Convenience acquisition from Conoco/Phillips

fyi

From: KORTENHOF Mike
Sent: Thursday, December 04, 2008 9:05 AM
To: ISMERIO Dawn; AKERS Lani; POLLOCK Andree; MONROE Sheila; AITKEN Greg
Subject: RE: Pacific Convenience acquisition from Conoco/Phillips

Thanks, that should work great. When you get the list please send it to us. We can deal with RP status at the same point we figure out what to do about invoicing. Mike

From: ISMERIO Dawn
Sent: Thursday, December 04, 2008 8:38 AM
To: KORTENHOF Mike; AKERS Lani; POLLOCK Andree; MONROE Sheila; AITKEN Greg
Subject: RE: Pacific Convenience acquisition from Conoco/Phillips

I just talked to someone at Pacific. He will be sending Steve Paiko and I a list of all of the sites that they are buying. He will be doing Mod apps. for all of the stations. He is checking with his boss about the cleanup invoices. He will be sending me an e-mail to let me know where the invoices should be going, once I get that back, I will forward it on.

Dawn

From: KORTENHOF Mike
Sent: Wednesday, December 03, 2008 5:10 PM
To: AKERS Lani; ISMERIO Dawn; POLLOCK Andree; MONROE Sheila; AITKEN Greg
Subject: Pacific Convenience acquisition from Conoco/Phillips

Have you seen the Conoco/Phillips notice confirming the sale of all their facilities to Pacific Convenience and Fuels effective Dec 15? Lani or Dawn, if no one has talked to Conoco about continuing to receive cost recovery invoices, could one of you do that for all of the facilities at once? I suspect Conoco should continue receiving them rather than switch invoicing, but that's what needs to be confirmed. Either way I'd think we should add Pacific Convenience as RP's, and it would be nice to find a way to do that in the databases in once shot for all the facilities. Similarly it would be nice to remind Pacific Convenience to get Mod Apps in for the UST permits. Andree, Sheila, Greg, any better ideas? Mike



December 1, 2008

**To: Accounts Receivable Department
Suppliers & Contractors to certain ConocoPhillips Company, Kayo Oil
Company and Convenience Retailers, LLC Service Stations**

ConocoPhillips Company ("ConocoPhillips") has contracted to sell the majority of our retail service station sites to Pacific Convenience & Fuels, LLC ("Pacific"). Pacific will, in turn, be selling stations in certain markets to K&G Petroleum, LLC. The effective date of the closings is anticipated to be 5:30 p.m. EST on December 15, 2008.

You have been identified as a vendor who has conducted business with the retail sites during the last two years. The sites may also be listed in your records under our subsidiaries, Kayo Oil Company or Convenience Retailers, LLC.

Please be advised that ConocoPhillips will **not** process any payments for products or services received at the sites being sold **after December 14th, 2008**. Please update your records to reflect this change. Listed below is the contact information of the new owners:

Retail Service Station Locations	New Address/Contact Information
California, Colorado, Oregon, Washington state, Garland, Texas, Georgia, Michigan, North Carolina, Oregon, South Carolina, and Tennessee	Pacific Convenience & Fuels, LLC 2603 Camino Ramon, Suite 350 P.O. Box 3290 San Ramon, CA 94583 Contact Person: Keeley Body Phone: 925-884-0800 Ext. 107
Missouri, Kansas, New Mexico, and Utah	K & G Petroleum, LLC 10459 Park Meadows Dr, Suite 101 Littleton, CO 80124 Contact Person: Retail Vendors: Walter Ryan Email: walter@kgconoco.com Service Vendors: Ravi Singh Email: ravi@kgconoco.com Ph: 303-792-9467

For ConocoPhillips retail service station sites located in Bartlesville, Oklahoma and Houston, Texas, please continue to submit invoices to ConocoPhillips.

Additional information, including a list of specific sites being sold, is available on our vendor website: **vendors.conocophillips.com** or by contacting our Vendor Relations Hotline at 918-661-5746.

Thank you for your cooperation during this transition.

ConocoPhillips Company



State of Oregon
Department of
Environmental
Quality

OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND STORAGE TANK PROGRAM

Initial (Twenty Day) Report Form for UST Cleanup Projects

This report is due twenty (20) days from the date of the release.

DEQ USTC File No. 26-07-1727
DEQ Facility ID No. 718
Site Name: Conoco Phillips Site No. 2705460
Site Address: 425 NE Broadway, Portland, OR

INITIAL CLEANUP INFORMATION

(1) Type of contamination (check all that apply):

☒ Gasoline ☐ Diesel ☐ Waste Oil ☐ Heating Oil
☐ Other (specify) _____

(2) Estimate quantity of release (based on information known to date):

☒ <100 gal. ☐ 100-499 gal. ☐ 500-999 gal. ☐ 1,000-5,000 gal. ☐ >5,000 gal.

SITE INFORMATION (Circle N for "no" or Y for "yes")

(3) ☒ N ☐ Y Did any water enter the excavation? If yes, please describe and identify the depth to groundwater in feet below ground surface: _____

(4) ☒ N ☐ Y Was a sheen or odor observed on any water in the excavation?

Note: If groundwater is encountered, soil samples from the soil/water interface must be collected and analyzed for BTEX and by the appropriate TPH method.

At sites where diesel or other non-gasoline products have been released, the water may also have to be screened or tested for polynuclear aromatic hydrocarbons (PAHs). Please refer to OAR 340-122-0218.

(5) ☒ N ☐ Y Was water pumped from the excavation?

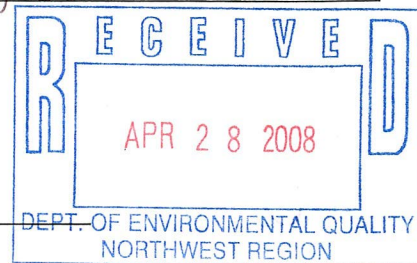
☒ N ☐ Y If yes, did groundwater recharge within 24 hours after pumping?

Please describe the pumping procedure and disposal option selected for the purged excavation water:

NA

(6) ☒ N ☐ Y Were any water samples collected from the excavation? If yes, please describe:

(7) N ☒ Y Have any soil and/or water sample results been received at this time?
If so, please attach any lab reports.



IF GROUNDWATER HAS BEEN ENCOUNTERED, PLEASE ANSWER QUESTIONS #8-13, BELOW.

IF NO WATER HAS BEEN ENCOUNTERED, PLEASE SKIP TO QUESTION #14

(8) What are the known uses of groundwater within a 500-foot radius of the release site?

☒ non-use ☐ industrial ☐ agricultural ☐ drinking supply

(9) If groundwater in this area is being used as a drinking water supply, please check the type and size of population served by the supply:

☐ Community (community well used for drinking water year round)

size: ☐ <1,000 people ☐ 1,000 - 5,000 people ☐ >5,000 people

☐ Intermittent use (public water used for drinking water only on a part-time basis)

size: ☐ <50 people ☐ 50 - 300 people ☐ > 300 people

☐ Private wells (individual private well or wells used for drinking water)

size: ☐ <10 people ☐ 10 - 25 people ☐ >25 people

(10) ☒ Y Is there any evidence this water supply has been or is likely to be impacted from the petroleum product release? If yes, estimate how difficult it would be to replace the existing supply:

☐ bottled water is the only alternative

☐ on-site water treatment; bulk water delivery; new wells are available

☐ able to connect to existing water supply

☐ do not know what alternatives would be available

(11) ☒ Y Are/were vapors present in on-site or nearby buildings? If yes:

A. Are you monitoring and/or mitigating any potential fire and safety hazards posed by vapors and free product? Explain: _____

B. Estimate the number of people potentially affected by vapors:

☐ 1-2 people ☐ 3-10 people ☐ >10 people

(12) ☒ Y Are vapors or is petroleum contamination present in the utility corridors?

If yes, please explain: _____

(13) ☒ Y Are natural areas located within 1/4 mile of the site? If so, please describe types (parks, rivers, wetlands, sensitive habitats, etc.) and proximity: _____

(14) ☒ Y If groundwater was not encountered in the excavation, do you believe that this cleanup project can be conducted under the requirements for an UST Cleanup Matrix site? If yes, then refer to OAR 340-122-0305 through 0360.

AREA/SITE CONDITIONS:

- (15) Mean annual rainfall: ___ <20 inches X 20-45 inches ___ >45 inches
- (16) Soil type(s) of the naturally occurring soils, not the backfill around the tank:
- ___ clays, compact tills, shales, and unfractured metamorphic and igneous rocks
- X sandy loams, loamy sands, silty clays, clay loams, moderately permeable limestone, dolomite, sandstones, moderately fractured igneous and metamorphic rock
- ___ fine and silty sands, sands and gravels, highly fractured igneous and metamorphic rock, permeable basalts and lavas, karst limestones and dolomites

SOIL MANAGEMENT

- (17) If soil sample results have been received:
- N Y Will the level of contamination detected require removal of contaminated soil for treatment or disposal?
- (18) All contaminated soil temporarily stockpiled on-site prior to treatment or disposal must be contained within a bermed area, kept covered, and the entire area secured to prevent unauthorized access by the public. If you haven't done this, please explain why:

NA

Note: It is a violation to stockpile petroleum contaminated soil (PCS) on-site for greater than 30 days without a DEQ Solid Waste Letter Authorization (SWLA) Permit.

- (19) If contaminated soil is currently stockpiled on-site, please indicate when disposal will occur or when treatment will begin: NA
- (20) Estimated volume of contaminated soil (specify tons or cubic yards): NA
- (21) Intended disposition of soils (please check one):
- ___ On-site/off-site treatment, Solid Waste Letter Authorization Permit Application attached.
- ___ Thermal treatment off-site at an authorized facility.
- Facility name: _____
- X Landfill disposal.
- Name of Landfill: _____

Note: Please attach additional information as necessary to explain any unusual circumstances associated with this project.

This initial report is intended to provide the Department with the basic initial information about activities associated with the release. Future reports should provide a more detailed and complete picture of the cleanup project.

Please be aware that a DEQ permit/authorization is required for the following activities:

- 1) Soil aeration, bioremediation (on-site or off-site), or on-site thermal treatment.
- 2) Water discharges to a stream/storm drain from the excavation or treatment tank.

If these activities will be included in your cleanup project, contact the regional DEQ office for the appropriate application forms, information on permit fees and guidance documents.

THIS REPORT WAS PREPARED BY:

Individual: Justin Dauphinals Phone: (503) 691-2030
Company: Stantec previously SECOR
Address: 7730 SW Mohawk Street
City: Tualatin State OR Zip 97062

1. Please return this form to the regional office in which the site is located.

If you have questions, call the contact person in your regional office.

2. For all tanks, except heating oil tanks, you must submit an *UST Decommissioning Checklist and Site Assessment Report* to the appropriate regional office within 30 days of the UST decommissioning.

Failure to do so can result in delays to your project and may result in continued billing for the annual tank permit fees.

3. Addresses and phone numbers for the regional offices can be found in the *UST Cleanup Manual* or viewed and downloaded from this DEQ Webpage:
<http://www.deq.state.or.us/wmc/tank/regoffices.htm>

4. Copies of the *UST Cleanup Manual* and other UST program forms and checklists can be viewed and downloaded from DEQ's Website:
<http://www.deq.state.or.us/wmc/tank/ust-lust.htm>

or in the Portland area by calling Steve Paiko at 503-229-6652

or outside the Portland area leaving a message on the UST Help Line (toll-free in Oregon) at 1-800-742-7878

KEEP A COPY OF THIS REPORT FOR YOUR FACILITY RECORDS



Oregon

Theodore R. Kulongoski, Governor

Department of Environmental Quality

Northwest Region Portland Office

2020 SW 4th Avenue, Suite 400

Portland, OR 97201-4987

(503) 229-5263

FAX (503) 229-6945

TTY (503) 229-5471

November 13, 2007

MYRON SMITH
CONOCOPHILLIPS COMPANY
1230 W WASHINGTON ST STE 212
TEMPE AZ 85281-1247

RE: ConocoPhillips #2705460
File No.: 26-07-1727

On November 8, 2007, a release was reported from an underground storage tank (UST) system at your facility located at 425 NE Broadway in Portland, Oregon. As the responsible party for the facility, you are required to clean up the release according to OAR 340-122-0201 through 340-122-0360. These rules require cleaning up the soil, groundwater, surface water and any other media contaminated by petroleum to the appropriate standards or demonstrating that the contamination does not pose a risk to human health or the environment. We are looking forward to working with you to bring this site to closure.

An Initial Report Form for UST Cleanup Projects is enclosed. This form needs to be completed and returned to this office within twenty (20) days from the date the release was reported. An outline of additional reporting requirements that includes due dates for submittals is also enclosed. A copy of the UST Cleanup regulations or an application for a letter of authorization for soil treatment will be provided upon request. As the responsible party, you should be aware of the requirements for cleanup, even if you have hired a qualified contractor or consultant to assist you.

Please reference the DEQ File Number listed above in all future correspondence and reports.

By law, DEQ is required to recover project oversight costs. DEQ oversight begins with the initial site characterization and continues through site closure. Oversight includes activities such as reviewing reports, preparing correspondence, answering technical questions, site inspections, and enforcement actions. **You will be receiving an invoice each month for all oversight activities performed to date.**

DEQ's highest priority for oversight are those sites that pose the greatest hazard to human health, safety and the environment. As a result, many lower environmental priority sites will not be reviewed in detail or receive a final "No Further Action" or "closure" letter from DEQ until the higher priority sites are addressed. However, all projects, simple or complex, require at least some oversight. At a minimum, review is conducted to determine the environmental priority of the cleanup project.

Myron Smith, File #26-07-1727
November 13, 2007
Page 2

For those responsible parties who desire DEQ oversight regardless of environmental priority, we have developed a Responsible Party Priority Site Program. To receive oversight and more effectively schedule your project, you will be asked to sign an agreement requesting priority review and confirming your agreement to pay DEQ oversight costs in a timely manner.

Not entering into the Agreement does not release you from responsibility for investigation and/or cleanup of the contamination, nor does it mean that you are exempt from paying for DEQ oversight costs. Please be aware that there may be a waiting list for assignment to the next available project manager, and that these projects are assigned on a first come, first served basis.

Please read the attached information on the cost recovery and invoice process. We have also included information about the Responsible Party Priority Site Program and an agreement, if you are interested in expediting review of your project. You may contact the Land Quality Division at (503) 229-6635 if you have questions about cost recovery.

Thank you for your cooperation and continued efforts to comply with the regulations. **If you have any questions about the regulations and/or your cleanup project, please call (503) 229-5263 and ask to speak to the Underground Storage Tank Duty Officer.**

Sincerely,

A handwritten signature in black ink, appearing to read "Michael H. Korten". The signature is stylized with a large, bold "M" and "K".

Michael H. Korten, Manager
UST Cleanup and Compliance Section

Enclosures

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Aerial Photo

2006 / '05 / '04 / '03 / '02 / '01

6" / 2' / 4' / 10' / 20'

Streets: [On](#) / [Off](#)Lots: [On](#) / [Off](#)Dot: [On](#) / [Off](#)

0 |—————| 100 FT

City of Portland, Corporate GIS

11/13/2007

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PortlandMaps

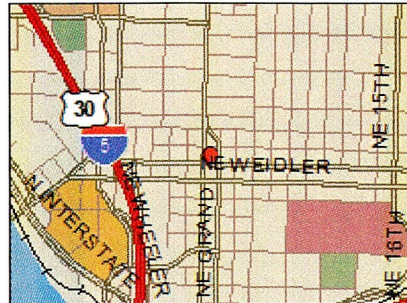
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415 NE BROADWAY - ELIOT - PORTLAND

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415 NE BROADWAY ST PORTLAND, OR 97232

Description	Service Station
Size	684 square feet
Number of Bedrooms	
Bathrooms	



Photo



Property Value (2006)
Market Value \$4,972,630.00
Assessed Value \$2,083,500.00
Taxes (2006)
Property Taxes \$42,022.76
Total Taxes \$42,022.76
Misc Info
Year Built 1992
Foundation Type
Interior Finish
Roof Style
Roof Cover Type
Flooring Type
Heating/AC Type

City of Portland, Corporate GIS

Assessor Data Updated 10/2/2007

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**SECOR INTERNATIONAL INCORPORATED**

7730 S.W. Mohawk Street
Tualatin, Oregon 97062
503.691.2030 TEL / 503.692.7074 FAX

www.secor.com

f a x

Fax No: 503.229.6945
Attention: Kevin Dana
Company: ODEQ NW Region
Date/Time: 11-8-07
From: Justin Daughnars
No. of pages (including cover): 2

Thanks Kevin

Disclaimer: The information transmitted herein is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you are not the intended recipient of this message, you are hereby notified that any use, review, retransmission, dissemination, distribution, reproduction or any action taken in reliance upon this message is prohibited. If you received this communication in error, please notify the sender immediately and delete the original message and all attachments from your electronic files.



Oregon

Theodore R. Kulongoski, Governor

chron
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Northwest Region Portland Office
2020 SW 4th Avenue, Suite 400
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(503) 229-5263
FAX (503) 229-6945
TTY (503) 229-5471

November 8, 2006

ERIN GARNER
ENVIRONMENTAL BUSINESS MANAGER
ATLANTIC RICHFIELD COMPANY
PO BOX 1257
SAN RAMON CA 94583

Re: BP Station 11033
UST Cleanup File No. **26-89-0073**
UST Facility No. 718

Dear Mr. Garner:

The Department of Environmental Quality (DEQ) has been overseeing the cleanup of petroleum contamination at the site of the BP Station 11033 located at 425 NE Broadway in Portland, Oregon. Based on information contained in the file, the DEQ has determined the site appears to have been investigated and cleaned up to commercial standards in accordance with Oregon Administrative Rules (OAR) 340-122-205 through 340-122-360, and that no further action is required at this time.

This determination is a result of our evaluation and judgment based on the regulations and facts as we now understand them, including:

1. The site is an active gasoline service station. The site vicinity has a history of industrial, commercial, and residential use. Several commercial and industrial businesses have been located on the site since at least 1908. These businesses have included dry cleaners, an auto repair shop, and service stations. Mobil Oil obtained the station in 1968. The station was purchased by BP in 1989.
2. In April 1989, an initial investigation consisting of a twenty six point soil-gas survey was conducted as a part of a pre-property transfer assessment. Petroleum constituents were detected near the eastside product line trenches and around the and pump islands.
3. In March 1990, four borings were drilled to a depth of approximately 40 feet below ground surface (bgs). Total petroleum hydrocarbons (TPH) were detected at concentrations of 540 parts per million (ppm) at depths ranging from six to 16 ft. below bgs.
4. In 1991, nine borings (VW-1 through VW-10) were drilled and a monitoring well (MW-1) was installed. Vapor extraction wells were installed in some of the borings to depths ranging from 40 to 100 ft. bgs. Petroleum constituents were detected near the former pump islands. A concentration of 3,900 ppm TPH was detected at a depth of 61 ft. bgs in a

5. a soil sample collected from VW-4. Boring VW-4 was terminated at 62.4 ft. bgs due to very difficult drilling conditions and explosivity readings in excess of 20% of the lower explosive limit. Groundwater was not encountered above a depth of 100 ft. bgs. A solvent-like odor, later ascribed to mineral spirit, was detected in soil samples collected from VW-4 starting at a depth of approximately 30 ft bgs. No records were found to document the mineral spirit release, and the source may be related to the former dry cleaning activities.
6. In May 1992 during site renovations, four gasoline underground storage tanks (USTs) and one used oil UST were decommissioned. Forty soil samples were collected from three tank excavations, beneath the product lines, and pump islands. Petroleum hydrocarbons were noted from four to approximately 14 ft. bgs in the main gasoline UST cavity. A gasoline concentration of 325 ppm was detected in a confirmation sample collected from 14 ft. bgs. Approximately half of the soils removed during the tank decommissioning were placed back into the main UST cavity to a depth of six ft. bgs. Petroleum hydrocarbons were also observed beneath the former pump islands and product line trenches to a depth of approximately six ft. bgs. Approximately 450 cubic yards of petroleum contaminated soils were removed and transported to a permitted regional thermal incineration facility formerly operated by BP in Gresham, Oregon.
7. In January 1992, a bi-level soil vapor extraction system (VES) was installed. The upper portion of the system was designed to remediate the petroleum hydrocarbons at a shallow depth and the lower portion to remove the mineral spirit present at depth of approximately 30 ft. to 80 ft. bgs. The system operated from 1993 to 1998 and removed a total of approximately 140,000 lbs. of petroleum hydrocarbons.
8. In March 2004, a subsurface investigation was conducted to assess the effectiveness of the VES and the vertical extent of petroleum hydrocarbons previously encountered at 62.5 ft. bgs in the vicinity of VW-4. Six direct push borings were placed around the area remediated by the VES and the historical sample locations with elevated petroleum hydrocarbons of 3,900 ppm near VW-4. The shallow borings were advanced to a maximum depth of 20 ft. bgs. A boring was advanced to a depth of 100 ft. bgs. Gasoline-range hydrocarbons were detected at concentrations of 663 ppm and 24.5 ppm at depths of 67-70 ft. bgs. An assessment of the hydrocarbons chromatograms indicated a pattern most closely resembling a mineral spirits. No VOCs were detected in the soil samples. Groundwater was not encountered during the investigation.
9. During DEQ's internal review, concerns were raised regarding the potential for off-site migration of the release based on a soil gas survey performed in 1989, and investigation of other site features such as sumps. Investigations indicated that groundwater has not been encountered at depths as great as 100 ft. bgs at the site, and the soil sampling and analysis have shown that the release has not reached the groundwater for any off-site

Erin Garner
November 8, 2006
Page 3

migration of the contamination. The potential has been further reduced by the remediation of the release by soil vapor extraction. Confirmatory soil samples indicated adequate delineation of the release.

Conclusions:

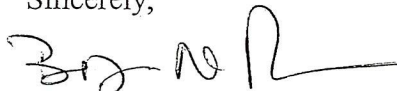
The SVE treatment system has effectively reduced residual petroleum hydrocarbons at the former south and east dispenser islands, and the side of the current UST cavity location. The highest TPH-Gx concentration detected was 2,840 ppm in a sample collected at a depth of 20 ft. bgs. The highest benzene concentration detected was 2.48 ppm at a depth of 20 ft. bgs exceeding the 1.2 ppm DEQ's occupational soil risk-based concentration for vapor intrusion into buildings. However, the closest building is approximately 45 ft. away, and therefore the exposure pathway is not a risk factor. The risk assessment conducted, investigations and analytical results have indicated that soil concentrations of petroleum hydrocarbons whole products and individual constituents were below risk-based standards for the site's applicable exposure pathways, namely: occupational dermal contact ingestion and inhalation; volatilization to outdoor and indoor air; and construction and excavation worker. The groundwater underlying the site appears to be at a depth greater than 100 feet bgs.

This DEQ determination will not apply if new or undisclosed facts show the cleanup does not comply with referenced rules. This determination also does not apply to any conditions at the site other than the release of the petroleum product specifically addressed in the July 28, 2004 GeoEngineers Risk-Based Closure Report.

Please note that pursuant to OAR 340-122-360 (2), you must retain a copy of your report until ten (10) years after the first transfer of the property.

Your efforts to comply with the regulations to ensure that your property has been adequately cleaned up have been appreciated. If you have any questions, please feel free to contact me at (503) 229-5858.

Sincerely,



Bijan N. Pour
UST Cleanup and Compliance Section
NWR Tanks Program

cc: John Glass
URS Corporation
111 SW Columbia, Suite 1500
Portland OR 97201

* U S T F O R M *

----- INCIDENT INFORMATION -----

LUST Incident Nbr: _____ LUST Log Nbr: 26-89-073 ST Facility ID: 718

Date Received: 4/26/89 Received By: L.G. Garner Emergency Resp Taken: Y N

Tank Identification: Tank Owner: Mobil Station 104C2 *Recomm Form sent*

Street: 425 NE Broadway

City: Portland Zip: 97232

County: Mult Phone: _____

Incident Comments: _____

----- CONTACT & MAIL TYPES -----

Reported By: Ed Stoltz LUST Contact: Staff Const. Responsible Party: Doug Cobb

Name: _____ Name: _____ Name: _____

Company: ESU Company: Ben Nelson Company: Mobil Corp.

Street: 3626 SE 317th Street: 3605 SW Corbett Ave Street: _____

City: Troutdale Zip: 97060 City: Portland Zip: 97201 City: Florida Zip: _____

State: _____ Phone: 663-1428 State: _____ Phone: 247-9090 State: _____ Phone: _____

Mobil 297-7647 #14

----- SITE ASSESSMENT -----

LUST Incident Nbr: (XXXXXXXXXXXX)

Date Investigated: 4/26/89 Investigated By: L.G.

Release Exists: (Y) N Confirmation Method: A)Staff B)Lab:DEQ C)Lab:RP D)Lab:Other E)RP F)Other

(Circle)

Cleanup Necessary: (Y) N Regulated Tank: (Y) N Exposure Assessment: Y N

(Circle)

Off-Site Migration: Y (N) ? Estimated Gallons Released: _____ Priority: _____

(Circle)

Discovery Date: 4/26/89

How Discovered: A)Routine Monitoring B)Inventory Control (C)Decommissioning D)Site Assessment

(Circle) E)Complaint F)Tank Test G)Other

Material Released: A)Unleaded Gasoline B)Leaded Gasoline (C)Misc. Gasoline

(Circle) D)Diesel E)Fuel Oil (F)Waste Oil

550 gal G)Lubricant H)Solvent I)Bunker Fuel

tonk J)Other Pet. Dist. K)Chemical L)Unknown

Source of Release: (A)Tank Leak B)Pipe Leak C)Overfill D)Surface Spill

(Circle) E)Pump/Valve Leak F)Other G)Unknown

Impacts: Soil Clayey (Y) N % ?

(Circle) Groundwater Y (N) % ?

Surface Water Y (N) % ?

Drinking Water Y (N) % ?

Facility (Vapor) Y (N) % ?

Facility (Free Product) Y (N) % ?

Site Assessment Comments: _____

----- SITE MANAGEMENT -----

LUST Incident Nbr: (XXXXXXXXXXXX) FINAL INVOICE DATE: 6/12/06 Uns

Date Released Stopped: _____ NFA: 11/8/06 XD

Cleanup Activity: Start Date: _____ Under Control Date: _____

End Date: _____ Contractor Name: _____

Cleanup Guideline: Matrix C.A.P. Cleanup Lead: RP SLW/TF SLW/oTF

(Circle)

Free Product Disposal: Soil Disposal: 700 tons

Est. Gallons: _____ Est. Cu/Yds: 8-10 yds

Resp. Party: _____

Disposal Location: _____

Removal Date: _____

Enforcement Action: Y N

(Circle)

Cost Recovery Initiated: Y N Source of Cost Recovery: Pct. R.P.: _____

(Circle)

Pct. SLW/TF: _____

Pct. SLW/oTF: _____

Estimations: Cost of Cleanup: _____ Staff Time On Project: _____

Site Management Comments: _____ [Version 102]

Simple removal - took sample - will send report.