CITY OF SAN LEANDRO
967

ConocoPhillips

76 Broadway
Sacramento, CA 95818
phone 916.558.7600
phone 916.558.7639

January 14, 2008

Ms. Donna Drogos
Alameda County Health Care Agency
1131 Harbor Bay Parkway
Alameda, CA 94502

RE: FORMER BP FACILITY NO. 11106 (2705443)
15199 WASHINGTON AVENUE
SAN LEANDRO, CA 94579

Dear Ms. Drogos;

Per my e-mail correspondence dated January 10, 2008, please find enclosed a completed Underground Storage Tank Unauthorized Release Report (URR) and Due Diligence Assessment Report for the above-referenced site.

ConocoPhillips Site Manager Ms. Shelby Lathrop will be responsible for managing this case. Please contact Ms. Lathrop with any questions or comments at:

Ms. Shelby Lathrop
ConocoPhillips
76 Broadway
Sacramento, CA 95818
(916) 558-7612
Bill.Borgh@conocophillips.com

I appreciate your assistance in this matter. Should you have any questions, please do not hesitate to contact me at (916) 558-7604.

Sincerely;

Eric G. Hetrick
Site Manager

RECEIVED
FEB 20 2008
ENVIRONMENTAL HEALTH SERVICES

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY ☐ YES ☑ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED ? ☐ YES ☑ NO

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
SIGNED _____ DATE _____

REPORT DATE: 01/08/08 | CASE #:

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Eric Hetrick | PHONE: (916) 558-7604 | SIGNATURE: [signature]

REPRESENTING ☑ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____

COMPANY OR AGENCY NAME: ConocoPhillips

ADDRESS: 76 Broadway STREET Sacramento CITY CA STATE 95818 ZIP

RESPONSIBLE PARTY

NAME: ConocoPhillips ☑ UNKNOWN | CONTACT PERSON: Shelby Lathrop | PHONE: (916) 558-7609

ADDRESS: 76 Broadway STREET Sacramento CITY CA STATE 95818 ZIP

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Former BP Facility # 11106 (Z705443) | OPERATOR: | PHONE: ( )

ADDRESS: 15199 Washington AVE San Leandro CITY Alameda COUNTY 94579 ZIP

CROSS STREET: Fargo Ave

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: Alameda Co. Dept. Env. Health | CONTACT PERSON: Donna Drogos | PHONE: (510) 567-6721

REGIONAL BOARD: | PHONE: ( )

SUBSTANCES INVOLVED

(1) NAME: Gasoline / Diesel | QUANTITY LOST (GALLONS): _____ ☑ UNKNOWN

(2) _____ ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 01/08/08 | HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☐ TANK REMOVAL ☑ OTHER Due Diligence Assmt.

DATE DISCHARGE BEGAN: M M D D Y Y ☑ UNKNOWN

HAS DISCHARGE BEEN STOPPED ? ☐ YES ☐ NO IF YES, DATE M M D D Y Y

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)
☐ REMOVE CONTENTS ☐ CLOSE TANK & REMOVE ☐ REPAIR PIPING
☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE
☐ REPLACE TANK ☐ OTHER _____

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☐ TANK LEAK ☑ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☐ CORROSION ☑ UNKNOWN ☐ OTHER _____

CASE TYPE

CHECK ONE ONLY
☑ UNDETERMINED ☐ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY
☐ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☑ LEAK BEING CONFIRMED ☐ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ CAP SITE (CD) ☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CONTAINMENT BARRIER (CB) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ VACUUM EXTRACT (VE) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☑ OTHER (OT) Additional Assessment

COMMENTS

HSC 05 (8/90)

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NAME OF INDIVIDUAL FILING REPORT: Eric Hetrick | PHONE: (916) 558-7604 | SIGNATURE: [signature]

REPRESENTING ☑ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____ | COMPANY OR AGENCY NAME: ConocoPhillips

ADDRESS: 76 Broadway STREET Sacramento CITY CA STATE 95818 ZIP

RESPONSIBLE PARTY

NAME: ConocoPhillips ☑ UNKNOWN | CONTACT PERSON: Shelby Lathrop | PHONE: (916) 558-7609

ADDRESS: 76 Broadway STREET Sacramento CITY CA STATE 95818 ZIP

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Former BP Facility # 11106 (Z705443) | OPERATOR: | PHONE: ( )

ADDRESS: 15199 Washington (Doolittle) Ave STREET San Leandro CITY Alameda COUNTY 94579 ZIP

CROSS STREET: Fargo Ave

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: Alameda Co. Dept. Env. Health | CONTACT PERSON: Donna Drogos | PHONE: (510) 567-6721

REGIONAL BOARD: | PHONE: ( )

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(1) NAME: Gasoline / Diesel | QUANTITY LOST (GALLONS): _____ ☑ UNKNOWN

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REPORT DATE: 01/08/08 | CASE #:

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NAME OF INDIVIDUAL FILING REPORT: Eric Hetrick | PHONE: (916) 558-7604 | SIGNATURE: [signature]

REPRESENTING ☑ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____ | COMPANY OR AGENCY NAME: ConocoPhillips

ADDRESS: 76 Broadway STREET Sacramento CITY CA STATE 9581[illegible] ZIP

RESPONSIBLE PARTY

NAME: ConocoPhillips ☑ UNKNOWN | CONTACT PERSON: Shelby Lathrop | PHONE: (916) 558-7609

ADDRESS: 76 Broadway STREET Sacramento CITY CA STATE 9581[illegible] ZIP

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Former BP Facility # 11106 (Z7054A3) | OPERATOR: | PHONE: ( )

ADDRESS: 15199 Washington (Historic) Ave STREET San Leandro CITY Alameda COUNTY 94579 ZIP

CROSS STREET: Fargo Ave

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: Alameda Co. Dept. Env. Health | CONTACT PERSON: Donna Drogos | PHONE: (510) 567-6721

REGIONAL BOARD: | | PHONE: ( )

SUBSTANCES INVOLVED

(1) NAME: Gasoline / Diesel | QUANTITY LOST (GALLONS): _____ ☑ UNKNOWN

(2) _____ ☐ UNKNOWN

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PHONE: (916) 558-7604

SIGNATURE: Eric Hetrick

REPRESENTING ☑ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____

COMPANY OR AGENCY NAME: ConocoPhillips

ADDRESS: 76 Broadway STREET Sacramento CITY CA STATE 958[illegible] ZIP

RESPONSIBLE PARTY

NAME: ConocoPhillips ☑ UNKNOWN

CONTACT PERSON: Shelby Lathrop

PHONE: (916) 558-7609

ADDRESS: 76 Broadway STREET Sacramento CITY CA STATE 958[illegible] ZIP

SITE LOCATION

FACILITY NAME (IF APPLICABLE): Former BP Facility # 11106 (Z105443)

OPERATOR:

PHONE: ( )

ADDRESS: 15199 Washington [illegible] Ave San Leandro CITY Alameda COUNTY 94579 ZIP

CROSS STREET: Fargo Ave

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: Alameda Co. Dept. Env. Health

CONTACT PERSON: Donna Drogos

PHONE: (510) 567-6721

REGIONAL BOARD:

PHONE: ( )

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(1) NAME: Gasoline / Diesel

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☐ VACUUM EXTRACT (VE) ☑ OTHER (OT) Additional Assessment

COMMENTS

HSC 05 (8/90)

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

February 14, 2008

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

RE: Due Diligence Site Assessment Report
ConocoPhillips Site No. 2705443
15199 Washington Avenue
San Leandro, California
ATC Project No. 34.75118.3285

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 were collected on behalf of ConocoPhillips, in general accordance with the Site-Specific Scope of Work (SOW) prepared by Shaw Environmental & Infrastructure, Inc. (Shaw) and dated October 11, 2007 (Appendix A, attached). The data reported herein were 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 from the local permitting agency to advance the borings (Appendix B, attached);
- Marking soil boring locations, notification to California's Underground Service Alert 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 approximate depths ranging from five to eight feet below ground surface (bgs) to a diameter at least one inch greater than that of the drilling device;
- Advancement of three exploratory soil borings to total depths ranging from 10 to 20 feet bgs utilizing geoprobe drilling equipment (borings B-4 and B-5 were not advanced due to the presence of the dispenser island canopy and encountering pea gravel and underground utilities during air-knifing activities);
- 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;
- Collection of groundwater samples for laboratory analysis from borings B-1, B-2 and B-3;

- 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 15199 Washington Avenue in San Leandro, California. The site's current underground storage tank (UST) system configuration includes four fuel USTs and two dispenser islands. Limited background information is included in the SOW prepared by Shaw (Appendix A).

BASELINE SITE ASSESSMENT

Field Activities

On December 11 and 13, 2007, ATC personnel observed the advancement of three soil borings (B-1, B-2 and B-3) in the vicinity of the existing fuel USTs and dispensers using geoprobe drilling equipment. Approximate boring locations are shown on the attached Figure 1, Site Plan. Boring B-1 was advanced to a depth of approximately 10 feet bgs, boring B-3 was advanced to a depth of approximately 15 feet bgs and boring B-2 was advanced to a depth of approximately 20 feet bgs. Soil samples were collected at approximately five-foot intervals for lithological description, field screening using a PID, and for possible laboratory analysis. Groundwater was encountered at depths ranging from approximately seven feet bgs to 12 feet bgs during drilling activities. Groundwater samples were collected from the borings after each boring was advanced three to eight feet into groundwater. A duplicate groundwater sample, designated "Duplicate," was collected from boring B-2 (per ATC personnel field notes).

Upon collecting a soil sample at each depth interval, the soil was visually examined and classified in accordance with the Unified Soil 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 C, attached.

Upon completion of drilling, the borings were backfilled to approximately one foot bgs with bentonite grout. Once the level of the sealing mixture had reached a level of one foot bgs, concrete was emplaced in the borehole, finished flush with the existing surface grade and dyed if necessary to match surrounding conditions.

Laboratory Analytical Procedures

Soil and groundwater 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 State of California Department of Health Services Environmental Laboratory Accreditation Program. Groundwater samples and select soil samples collected from borings B-1, B-2 and B-3 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 for total petroleum

hydrocarbons (TPH) in the gasoline and diesel range (TPH-GRO and TPH-DRO, respectively) using EPA Method 8015B Modified. Additionally, the selected soil samples were analyzed for lead using EPA Method 6010B. Laboratory analytical data for soil and groundwater samples analyzed as part of this assessment are summarized in attached Table 1, Summary of Soil Analytical Data and Table 2, Summary of Groundwater Analytical Data, respectively. The laboratory analytical report and COC document are provided as Appendix D, 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 generally consists of clay, sandy silt and sand with trace silt from the ground surface to approximately 20 feet bgs, the maximum extent of exploration. PID readings ranged from 2.8 parts per million (ppm) to 88.7 ppm. Refer to the edited boring logs in Appendix C 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:

- Methyl tert butyl ether (MTBE) was detected at a concentration of 0.038 milligrams per kilogram (mg/kg) in the soil sample collected at approximately eight feet bgs from boring B-1 (B-1d8.0).
- TPH-GRO was detected at a concentration of 3.7 mg/kg in the soil sample collected at approximately eight feet bgs from boring B-1 (B-1d8.0).
- TPH-DRO was detected at a concentration of 30 mg/kg in the soil sample collected at approximately 10 feet bgs from boring B-3 (B-3d10.0).
- Lead was detected at concentrations of 47.4 mg/kg, 14.6 mg/kg and 6.79 mg/kg in the soil samples collected at approximately eight feet bgs from boring B-1 (B-1d8.0) and 10 feet bgs from borings B-2 and B-3 (B-2d10.0 and B-3d10.0), respectively.
- No other analytes were detected in excess of their respective laboratory method Limit of Quantitation (LOQ) in the soil samples submitted for analysis.

As shown in Table 2, laboratory analytical results for the groundwater samples collected from borings B-1, B-2 (including Duplicate) and B-3 indicate the following:

- MTBE was detected at concentrations of 980 micrograms per liter (µg/L) and 6 µg/L in the groundwater samples collected from borings B-1 and B-3, respectively.
- TPH-GRO was detected at a concentration of 1,200 µg/L in the groundwater sample collected from boring B-1.

- TPH-DRO was detected at concentrations of 1,900 µg/L, 14,000 µg/L and 1,200 µg/L in the groundwater samples collected from borings B-1, B-2 (Duplicate) and B-3, respectively.
- No other analytes were detected in excess of their respective laboratory method LOQ in the groundwater samples submitted for analysis.

LIMITATIONS

This report was prepared in general accordance with the Shaw SOW, dated October 11, 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 represent site conditions at the time field activities were conducted. No other warranties, expressed or implied are made by ATC.

Prepared by:

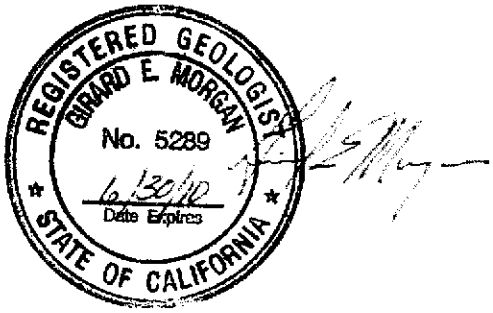
Name: Julie M. Powers
Title: Senior Project Manager

Reviewed by:

Name: Girard E. Morgan, P.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, California Professional Geologist No. 5289
Principal Geologist

Attachments:
Table 1 – Summary of Soil Analytical Data
Table 2 – Summary of Groundwater Analytical Data
Figure 1 – Site Plan
Appendix A – Scope of Work
Appendix B – Alameda County Public Works Agency – Water Resources Well Permit
Appendix C – Boring Logs
Appendix D – Laboratory Analytical Report and Chain-of-Custody Documentation

TABLE 1
SUMMARY OF SOIL ANALYTICAL DATA
ConocoPhillips Site No. 2705443
15199 Washington Avenue, San Leandro, California

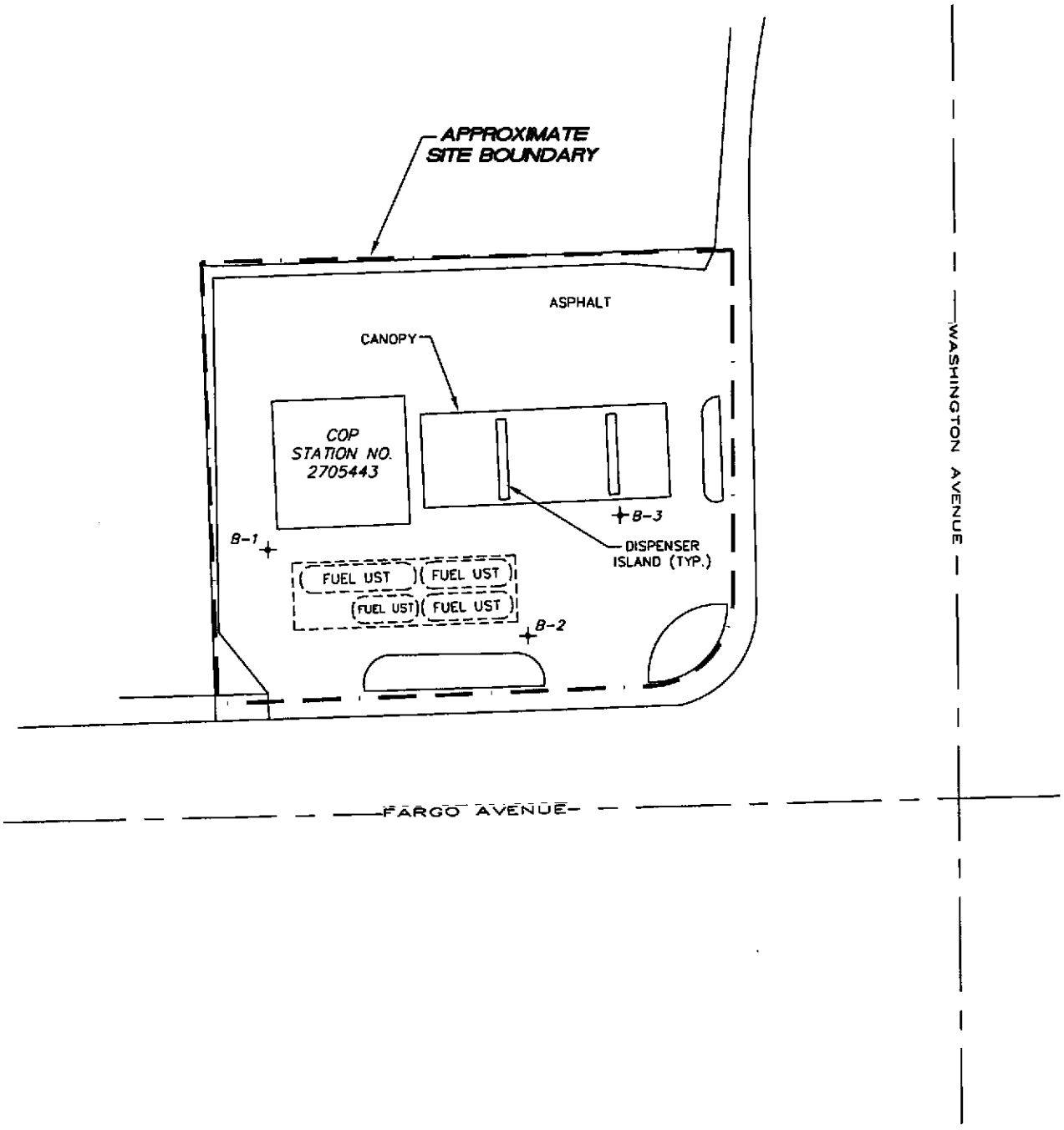
Sample ID	Sample Depth (feet bgs)	Sample Date	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Other HVOC* (mg/kg)	Oxygenate* (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	Lead (mg/kg)
			EPA 8260B						EPA 8015B Modified		EPA 6010B
B-1d8.0	8	12/11/07	<0.005	<0.005	<0.005	<0.005	All analytes ND.	MTBE (0.038)	3.7	<12	47.4
B-2d10.0	10	12/13/07	<0.005	<0.005	<0.005	<0.005	All analytes ND.	All analytes ND.	<1.0	<12	14.6
B-3d10.0	10	12/11/07	<0.005	<0.005	<0.005	<0.005	All analytes ND.	All analytes ND.	<1.0	30	6.79

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-GRO - Total petroleum hydrocarbons in the gasoline range.
TPH-DRO - Total petroleum hydrocarbons in the diesel range.
EPA - Environmental Protection Agency
<0.005 - Analyte not detected above specific laboratory method LOQ.
ND - Analyte not detected above specific laboratory method LOQ.
MTBE - Methyl tert butyl ether

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
ConocoPhillips Site No. 2705443
15199 Washington Avenue, San Leandro, California

Sample ID	Sample Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Other HVOC's (µg/L)	Oxygenates (µg/L)	TPH-GRO (µg/L)	TPH-DRO (µg/L)
		EPA 8260B *						EPA 8015B Modified	
B-1	12/11/07	<10	<10	<10	<10	All analytes ND.	MTBE (980)	1,200	1,900
B-2	12/13/07	<5	<5	<5	<5	All analytes ND.	All analytes ND.	<50	<1,000
Duplicate**	12/13/07	<5	<5	<5	<5	All analytes ND.	All analytes ND.	<50	14,000
B-3	12/11/07	<5	<5	<5	<5	All analytes ND.	MTBE (6)	<50	1,200

Notes:
µg/L - Micrograms per liter (equivalent to parts per billion).
HVOC - Halogenated volatile organic compounds.
* - Only compounds detected at a concentration exceeding their respective laboratory method Limit of Quantitation (LOQ) are noted.
TPH-GRO - Total petroleum hyrdocarbons in the gasoline range.
TPH-DRO - Total petroleum hydrocarbons in the diesel range.
EPA - Environmental Protection Agency
<10 - Analyte not detected above specific laboratory method LOQ.
ND - Analyte not detected above specific laboratory method LOQ.
MTBE - Methyl tert butyl ether
** - Duplicate groundwater sample collected from boring B-2 (per ATC personnel field notes).



LEGEND

+ SOIL BORING LOCATION

0 20 40

SCALE, FT

NOTE: LOCATIONS AND SCALE ARE APPROXIMATE

N

ConocoPhillips

SITE PLAN

CONOCOPHILLIPS SITE NO. 2705443
15199 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

PROJECT NUMBER: 34.75118.3285		DATE: 1/18/08	FIGURE
APPROVED BY: JP		DRAWN BY: BK	1

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

S:\Projects\34\75118.2007 Due Diligence\2007 Due Diligence\Non CalKodex\Non Dealer Sites\2705443\CADD\SITE2705443.dwg

DIVESTITURE BASELINE PHASE II ASSESSMENT
CONVERGED CONTRACTOR - SCOPE OF WORK

Site: 2705443

Address: 15199 Washington Avenue at Fargo Avenue
San Leandro, CA

SITE SUMMARY

Former Owner: BP

Site is equipped with four fuel USTs and two dispenser islands under a common canopy. Various site investigation activities have been performed between 1997 and 2003. The California Regional Water Quality Control Board issued a closure letter for the site in November 2003. There were seven monitoring wells associated with the site. Depth to water ranged from 3 to 7 feet below top of casing in fourth quarter 2003; groundwater flow direction was reported to be to the northwest.

Prior to completing the scope of work, a site visit ("drive-by") is necessary to determine the status of the reported groundwater monitoring wells. Contractor should gauge depth to water and total depth of monitoring wells, if present. If monitoring wells are present and in working condition, groundwater samples should be collected from wells MW-1 to MW-4 in lieu of drilling.

Pending the outcome of the site visit, the Scope of Work to be performed at this 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.

Since groundwater at this site is likely to be encountered at a relatively shallow depth (e.g., 3 to 7 feet bgs in 2003), Contractor should plan on limited soil sampling, grab groundwater sampling, and limited total depth of borings. Contractor may elect to use alternative sampling methods (e.g., air knifing to the total depth of the borings) to complete the site investigation, as appropriate.

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. Alameda County Public Works Department, Water Resources Division has established permit requirements for this site. For verification of compliance with state and local regulations, RM&R Area Manager (AM) will need confirmation of, or copies of required permits and/or 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 form 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.
- 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 Site Manager (SM) immediately before any required notification to state and local regulators and to discuss any possible changes to the scope of work. Eric Hetrick, SM, 916-558-7604 (office) 916-307-3450 (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.

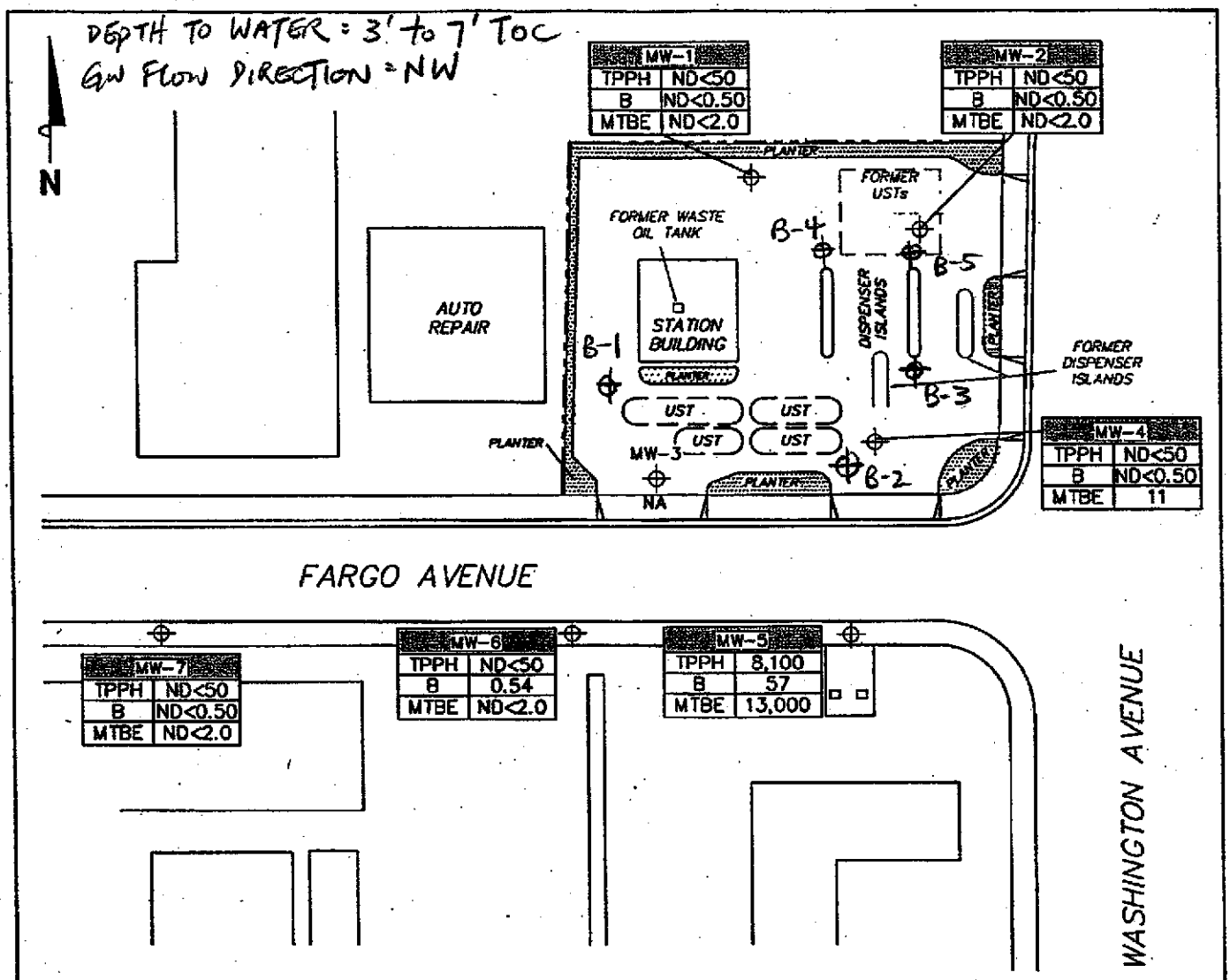
POST-DRILLING ACTIVITIES

- 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 SM prior to submitting due diligence report to discuss possible notification to state and local regulators. Eric Hetrick, SM, 916-558-7604 (office) 916-307-3450 (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			



NOTES:

TPPH = total purgeable petroleum hydrocarbons.
B = benzene. MTBE = methyl tertiary butyl ether.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
NA = not analyzed, measured, or collected.
UST = underground storage tank. Results obtained using EPA Method 8260B.

B-1 ⊕ PROPOSED BORING LOCATION

LEGEND

Well No.	
TPPH	µg/l
B	µg/l
MTBE	µg/l

⊕ Monitoring Well with Dissolved-Phase Hydrocarbon Concentrations (µg/l)

DISSOLVED-PHASE HYDROCARBON CONCENTRATION MAP
December 5, 2003

BP Oil 11106
15199 Washington Avenue
San Leandro, California

TRC

SCALE (FEET)
0 50

PS=1:1

FIGURE 3

Graphics on lr1(l:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-11,000\11106+\11106gms.dwg 1/29/04 bbs

APPENDIX B

**ALAMEDA COUNTY PUBLIC WORKS AGENCY –
WATER RESOURCES WELL PERMIT**

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 10/31/2007 By jamesy

Permit Numbers: W2007-1108
Permits Valid from 12/03/2007 to 12/07/2007

Application Id: 1193771185254
Site Location: 15199 Washington Ave
San Leandro, California

City of Project Site: San Leandro

Project Start Date: 11/13/2007
Extension Start Date: 12/03/2007
Extension Count: 1

Completion Date: 11/13/2007
Extension End Date: 12/07/2007
Extended By: vickyh1

Applicant: ATC Associates Inc. - David Evans
9185 South Farmer Ave. Ste 107, Tempe, AZ 85281
Phone: 925-580-2446

Property Owner: ConocoPhillips Company ConocoPhillips
Company
1230 W. Washington Street Ste 212, Tempe, AZ 85281
Phone: 602-452-2509

Client: ConocoPhillips Company ConocoPhillips
Company
1230 W. Washington Street Ste 212, Tempe, AZ 85281
Phone: 602-452-2509

Contact: David Evans
Phone: 925-580-2446
Cell: 925-580-2446

Total Due: $200.00
Receipt Number: WR2007-0478 **Total Amount Paid:** $200.00
Payer Name : David A Evans Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 5 Boreholes
Driller: Vironex - Lic #: 70531 - Method: DP

Work Total: $200.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2007-1108	10/31/2007	02/11/2008	5	6.00 in.	35.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required

for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

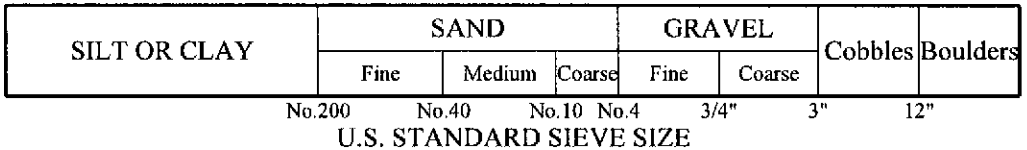
6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

8. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
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	Claycy sands, sand - clay mixtures.
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.
			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.
	SILTS AND CLAYS (Liquid limit GREATER than 50)		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays of medium to high plasticity, organic silts.
HIGHLY ORGANIC SOILS			PT	Peat and other highly organic soils.

BOUNDARY CLASSIFICATIONS: Soils possessing characteristics of two groups are designated by combinations of group symbols.



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

Undisturbed Sample		Auger Cuttings	
Split Spoon Sample		Bulk Sample	
Rock Core		Modified California Ring	
Dilatometer		Pressure Meter	
Packer		No Recovery	
Water Table at time of drilling		Water Table after 24 hours	

Correlation of Penetration Resistance with Relative Density and Consistency

SAND & GRAVEL		SILT & CLAY	
No. of Blows	Relative Density	No. of Blows	Consistency
0 - 4	Very Loose	0 - 1	Very Soft
5 - 10	Loose	2 - 4	Soft
11 - 30	Medium Dense	5 - 8	Medium Stiff
31 - 50	Dense	9 - 15	Stiff
Over 50	Very Dense	16 - 30	Very Stiff
		Over 31	Hard

KEY TO SYMBOLS AND DESCRIPTIONS

VATC ASSOCIATES INC.
9185 South Farmer Avenue, Suite 107
Tempe, Arizona 85284
(480)894-2056
(480)894-2497 fax

LOG OF BORING B-1

SHEET 1 OF 1

Client ConocoPhillips Company
Project Name ConocoPhillips Site No. 2705443
Number 34.75118.3285
Location 15199 Washington Ave., San Leandro, CA

Drill Contractor Vironex
Drill Method Geoprobe
Drilling Started 12/11/07 Ended 12/11/07
Logged By Nathan Christman

Elevation (ft amsl) –
Total Depth (ft) 10
Depth To Water (ft) ▽ ATD 7

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 8.1' bgs. No sample recovery.	
5							5
	CT B1-8		3.2	CL		CLAY. Brown. Dry to moist. ▽	
				SP		SAND WITH TRACE SILT. 95% sand, 5% silt. Fine to medium grained sand. Brown. Wet.	
10	CT B1-10		2.8			Bottom of hole at 10 feet	10
15							15
20							20

REGISTERED GEOLOGIST
GERARD E. MORGAN
No. 5289
6/30/10
Date Expires
STATE OF CALIFORNIA

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

Remarks: Groundwater encountered at 7' bgs.

See key sheet for symbols and abbreviations used above.

LOG A EWNI05 2705443 BORING LOGS.GPJ LOG A EWNI05.GDT 2/12/08

LOG OF BORING B-2

SHEET 1 OF 1

Client ConocoPhillips Company | Drill Contractor Vironex | Elevation (ft amsl) –

Project Name ConocoPhillips Site No. 2705443 | Drill Method Geoprobe | Total Depth (ft) 20

Number 34.75118.3285 | Drilling Started 12/13/07 Ended 12/13/07 | Depth To Water (ft) ▽ ATD 12

Location 15199 Washington Ave., San Leandro, CA | Logged By Nathan Christman

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 5.8' bgs. No sample recovery.	
5						CLAY. Gray. Dry to moist.	5
10	CT B2-10		4.0	CL			10
15	CT B2-15		35	ML		SANDY SILT. 85% silt, 15% sand. Fine grained sand. Dark gray to black. Wet.	15
20	CT B2-20		32			Bottom of hole at 20 feet	20

REGISTERED GEOLOGIST
GIRARD E. MORGAN
No. 5289
6/30/10
Date Expires
STATE OF CALIFORNIA

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

Remarks: Groundwater encountered at 12' bgs.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 2705443 BORING LOGS.GPJ LOG A EWNN05.GDT 2/12/08

LOG OF BORING B-3

SHEET 1 OF 1

Client ConocoPhillips Company | Drill Contractor Vironex | Elevation (ft amsl) –

Project Name ConocoPhillips Site No. 2705443 | Drill Method Geoprobe | Total Depth (ft) 15

Number 34.7511B.3285 | Drilling Started 12/11/07 Ended 12/11/07 | Depth To Water (ft) ▽ ATD 10

Location 15199 Washington Ave., San Leandro, CA | Logged By Nathan Christman

DEPTH (feet)	SAMPLE NO.	BLOWS/6"	PID (ppm)	USCS	LITHOLOGY	DESCRIPTION	DEPTH FEET
						Airknifed to 6.1' bgs. No sample recovery.	
5				CL		CLAY. Brown to gray. Dry to moist.	5
10	CT B3-10		20.2	SP		SAND WITH TRACE SILT. 95% sand, 5% silt. Fine to medium grained sand. Grayish brown. Wet. ▽	10
15	CT B3-15		88.7			Bottom of hole at 15 feet	15
20							20

REGISTERED GEOLOGIST GIRARD E. MORGAN No. 5289 6/30/10 Date Expires STATE OF CALIFORNIA

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

Remarks: Groundwater encountered at 10' bgs.

See key sheet for symbols and abbreviations used above.

LOG A EWNN05 2705443 BORING LOGS.GPJ LOG A EWNN05.GDT 2/12/08

APPENDIX D

LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

Lancaster Laboratories

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 1069931. Samples arrived at the laboratory on Saturday, December 15, 2007. The PO# for this group is 4508973305 and the release number is BOONE.

Client Description	Lancaster Labs Number
B-1 Grab Water	5237715
B-2 Grab Water	5237716
B-3 Grab Water	5237717
Duplicate Grab Water	5237718
Trip Blank NA Water	5237719
B-1d8.0 Grab Soil	5237720
B-2d10.0 Grab Soil	5237721
B-3d10.0 Grab Soil	5237722

ELECTRONIC COPY TO	ATC Associates	Attn: Anita Carrano
ELECTRONIC COPY TO	ATC Associates	Attn: Rebekah Wilson

Lancaster Laboratories

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,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories

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

Analysis Report

Lancaster Laboratories Sample No. 5237715 WW Group No. 1069931

B-1 Grab Water
Site# 2705443 ATCE
15199 Washington-San Leand NA B-1

Collected:12/11/2007 08:33 by NC Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLW1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	1,900.	290.	1,000.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
01635	TPH-GRO 8015B - water						
01639	TPH-GRO 8015B - water	n.a.	1,200.	20.	50.	ug/l	1
	Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 7.						
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.	2.	10.	ug/l	2
05386	Vinyl Chloride	75-01-4	N.D.	2.	10.	ug/l	2
05387	Bromomethane	74-83-9	N.D.	2.	10.	ug/l	2
05388	Chloroethane	75-00-3	N.D.	2.	10.	ug/l	2
05389	Trichlorofluoromethane	75-69-4	N.D.	4.	10.	ug/l	2
05390	1,1-Dichloroethene	75-35-4	N.D.	2.	10.	ug/l	2
05391	Methylene Chloride	75-09-2	N.D.	4.	10.	ug/l	2
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	2.	10.	ug/l	2
05393	1,1-Dichloroethane	75-34-3	N.D.	2.	10.	ug/l	2
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	2.	10.	ug/l	2
05396	Chloroform	67-66-3	N.D.	2.	10.	ug/l	2
05398	1,1,1-Trichloroethane	71-55-6	N.D.	2.	10.	ug/l	2
05399	Carbon Tetrachloride	56-23-5	N.D.	2.	10.	ug/l	2
05401	Benzene	71-43-2	N.D.	1.	10.	ug/l	2
05402	1,2-Dichloroethane	107-06-2	N.D.	2.	10.	ug/l	2
05403	Trichloroethene	79-01-6	N.D.	2.	10.	ug/l	2
05404	1,2-Dichloropropane	78-87-5	N.D.	2.	10.	ug/l	2
05406	Bromodichloromethane	75-27-4	N.D.	2.	10.	ug/l	2
05407	Toluene	108-88-3	N.D.	1.	10.	ug/l	2
05408	1,1,2-Trichloroethane	79-00-5	N.D.	2.	10.	ug/l	2
05409	Tetrachloroethene	127-18-4	N.D.	2.	10.	ug/l	2
05411	Dibromochloromethane	124-48-1	N.D.	2.	10.	ug/l	2
05413	Chlorobenzene	108-90-7	N.D.	2.	10.	ug/l	2
05415	Ethylbenzene	100-41-4	N.D.	2.	10.	ug/l	2
05416	m+p-Xylene	1330-20-7	N.D.	2.	10.	ug/l	2

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

Lancaster Laboratories Sample No. 5237715 WW Group No. 1069931

B-1 Grab Water
Site# 2705443 ATCE
15199 Washington-San Leand NA B-1

Collected:12/11/2007 08:33 by NC Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLW1

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05417	o-Xylene	95-47-6	N.D.		2.	10.	ug/l	2
05419	Bromoform	75-25-2	N.D.		2.	10.	ug/l	2
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		2.	10.	ug/l	2
05432	1,3-Dichlorobenzene	541-73-1	N.D.		2.	10.	ug/l	2
05433	1,4-Dichlorobenzene	106-46-7	N.D.		2.	10.	ug/l	2
05435	1,2-Dichlorobenzene	95-50-1	N.D.		2.	10.	ug/l	2
08202	EPA SW 846/8260 - Water							
01587	Ethanol	64-17-5	N.D.		100.	500.	ug/l	2
02010	Methyl Tertiary Butyl Ether	1634-04-4	980.		13.	130.	ug/l	25
02011	di-Isopropyl ether	108-20-3	N.D.		2.	10.	ug/l	2
02013	Ethyl t-butyl ether	637-92-3	N.D.		2.	10.	ug/l	2
02014	t-Amyl methyl ether	994-05-8	3.	J	2.	10.	ug/l	2
02015	t-Butyl alcohol	75-65-0	N.D.		20.	160.	ug/l	2
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		2.	10.	ug/l	2
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		2.	10.	ug/l	2
08203	Freon 113	76-13-1	N.D.		4.	20.	ug/l	2

State of California Lab Certification No. 2116

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
05553	TPH-DRO (Waters)	SW-846 8015B	1	12/26/2007 23:32	Diane V Do	1
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	12/18/2007 00:02	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	12/25/2007 01:45	Kathrine K Muramatsu	2
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	12/25/2007 01:45	Kathrine K Muramatsu	2
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	12/25/2007 02:09	Kathrine K Muramatsu	25
01146	GC VOA Water Prep	SW-846 5030B	1	12/18/2007 00:02	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/25/2007 01:45	Kathrine K Muramatsu	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	12/25/2007 02:09	Kathrine K Muramatsu	25
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	12/17/2007 16:50	Mitchell B Crawford	1

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

Lancaster Laboratories Sample No. 5237715 WW Group No. 1069931

B-1 Grab Water
Site# 2705443 ATCE
15199 Washington-San Leand NA B-1

Collected:12/11/2007 08:33 by NC

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

WSLW1

Account Number: 12258

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

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

Lancaster Laboratories

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

Analysis Report

Lancaster Laboratories Sample No. 5237716 WW Group No. 1069931

B-2 Grab Water
Site# 2705443 ATCE
15199 Washington-San Leand NA B-2

Collected:12/13/2007 13:05 by NC Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLW2

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	760.	J	290.	1,000.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.							
01635	TPH-GRO 8015B - water							
01639	TPH-GRO 8015B - water	n.a.	21.	J	20.	50.	ug/l	1
05382	EPA SW846/8260 (water)							
05385	Chloromethane	74-87-3	N.D.		1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.		0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	N.D.		0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1

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

Lancaster Laboratories Sample No. 5237716 WW Group No. 1069931

B-2 Grab Water
Site# 2705443 ATCE
15199 Washington-San Leand NA B-2

Collected:12/13/2007 13:05 by NC Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLW2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 6.

State of California Lab Certification No. 2116

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
05553	TPH-DRO (Waters)	SW-846 8015B	1	12/22/2007 01:13	Diane V Do	1
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	12/17/2007 20:11	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	12/27/2007 11:47	Chelsea B Eastep	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	12/27/2007 11:47	Chelsea B Eastep	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/17/2007 20:11	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/27/2007 11:47	Chelsea B Eastep	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	12/17/2007 16:50	Mitchell B Crawford	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5237717 WW Group No. 1069931

B-3 Grab Water
Site# 2705443 ATCE
15199 Washington-San Leand NA B-3

Collected:12/11/2007 10:05 by NC Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLW3

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	1,200.		290.	1,000.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.							
01635	TPH-GRO 8015B - water							
01639	TPH-GRO 8015B - water	n.a.	N.D.		20.	50.	ug/l	1
05382	EPA SW846/8260 (water)							
05385	Chloromethane	74-87-3	N.D.		1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	1.	J	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.		0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	N.D.		0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1

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

Lancaster Laboratories Sample No. 5237717 WW Group No. 1069931

B-3 Grab Water
Site# 2705443 ATCE
15199 Washington-San Leand NA B-3

Collected:12/11/2007 10:05 by NC Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLW3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	6.	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

Preservation requirements were not met. The vial submitted for volatile analysis did not have a pH < 2 at the time of analysis. Due to the volatile nature of the analytes, it is not appropriate for the laboratory to adjust the pH at the time of sample receipt. The pH of this sample was pH = 5.

State of California Lab Certification No. 2116

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
05553	TPH-DRO (Waters)	SW-846 8015B	1	12/22/2007 01:34	Diane V Do	1
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	12/17/2007 20:33	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	12/20/2007 12:00	Matthew S Woods	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	12/20/2007 12:00	Matthew S Woods	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/17/2007 20:33	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/20/2007 12:00	Matthew S Woods	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	12/17/2007 16:50	Mitchell B Crawford	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5237718 WW Group No. 1069931

Duplicate Grab Water
Site# 2705443 ATCE
15199 Washington-San Leand NA Duplicate

Collected:12/13/2007 by NC

Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLFD

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05553	TPH-DRO (Waters)	n.a.	14,000.		290.	1,000.	ug/l	1
	Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.							
01635	TPH-GRO 8015B - water							
01639	TPH-GRO 8015B - water	n.a.	29.	J	20.	50.	ug/l	1
05382	EPA SW846/8260 (water)							
05385	Chloromethane	74-87-3	N.D.		1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	5.	ug/l	1
05407	Toluene	108-88-3	0.9	J	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.		0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	N.D.		0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.	5.	ug/l	1

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

Lancaster Laboratories Sample No. 5237718 WW Group No. 1069931

Duplicate Grab Water
Site# 2705443 ATCE
15199 Washington-San Leand NA Duplicate

Collected:12/13/2007 by NC

Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLFD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.8	5.	ug/l	1
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of California Lab Certification No. 2116

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
05553	TPH-DRO (Waters)	SW-846 8015B	1	12/22/2007 01:55	Diane V Do	1
01635	TPH-GRO 8015B - water	SW-846 8015B modified	1	12/17/2007 20:54	Martha L Seidel	1
05382	EPA SW846/8260 (water)	SW-846 8260B	1	12/20/2007 12:23	Matthew S Woods	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	12/20/2007 12:23	Matthew S Woods	1
01146	GC VOA Water Prep	SW-846 5030B	1	12/17/2007 20:54	Martha L Seidel	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/20/2007 12:23	Matthew S Woods	1
02376	Extraction - Fuel/TPH (Waters)	SW-846 3510C	1	12/17/2007 16:50	Mitchell B Crawford	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5237719 WW Group No. 1069931

Trip Blank NA Water
Site# 2705443 ATCE
15199 Washington-San Leand NA TB

Collected:12/13/2007 12:00

Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05382	EPA SW846/8260 (water)						
05385	Chloromethane	74-87-3	N.D.	1.	5.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	5.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	5.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	5.	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.	5.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	5.	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	5.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	5.	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	5.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	5.	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	5.	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	5.	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	5.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	5.	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	5.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	5.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	5.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	5.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	5.	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	5.	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	5.	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	5.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	5.	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	5.	ug/l	1
05416	m+p-Xylene	1330-20-7	N.D.	0.8	5.	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	5.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	5.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	5.	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.	5.	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.	5.	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.	5.	ug/l	1
08202	EPA SW 846/8260 - Water						
01587	Ethanol	64-17-5	N.D.	50.	250.	ug/l	1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	5.	ug/l	1
02011	di-Isopropyl ether	108-20-3	N.D.	0.8	5.	ug/l	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5237719 WW Group No. 1069931

Trip Blank NA Water
Site# 2705443 ATCE
15199 Washington-San Leand NA TB

Collected:12/13/2007 12:00

Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLTB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
02013	Ethyl t-butyl ether	637-92-3	N.D.	0.8	5.	ug/l	1
02014	t-Amyl methyl ether	994-05-8	N.D.	0.8	5.	ug/l	1
02015	t-Butyl alcohol	75-65-0	N.D.	10.	80.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	5.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	5.	ug/l	1
08203	Freon 113	76-13-1	N.D.	2.	10.	ug/l	1

State of California Lab Certification No. 2116

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
05382	EPA SW846/8260 (water)	SW-846 8260B	1	12/20/2007 08:34	Matthew S Woods	1
08202	EPA SW 846/8260 - Water	SW-846 8260B	1	12/20/2007 08:34	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/20/2007 08:34	Matthew S Woods	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5237720 SW Group No. 1069931

B-1d8.0 Grab Soil
Site# 2705443 ATCE
15199 Washington-San Leand NA B-1

Collected:12/11/2007 08:26 by NC Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLS1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	9.9 J	4.0	12.	mg/kg	1
06955	Lead	7439-92-1	47.4	0.480	1.47	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	3.7	0.4	2.0	mg/kg	50
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.038	0.0005	0.005	mg/kg	1.05
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	1.05
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	1.05
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	1.05
02020	t-Butyl alcohol	75-65-0	N.D.	0.021	0.11	mg/kg	1.05
06089	Ethanol	64-17-5	N.D.	0.11	0.53	mg/kg	1.05
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	1.05
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	1.05
08199	Freon 113	76-13-1	N.D.	0.002	0.011	mg/kg	1.05
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	1.05
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	1.05
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	1.05
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	1.05
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	1.05
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	1.05
05450	Methylene Chloride	75-09-2	N.D.	0.002	0.005	mg/kg	1.05
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	1.05
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	1.05
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	1.05
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	1.05
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	1.05
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	1.05
05460	Benzene	71-43-2	N.D.	0.0005	0.005	mg/kg	1.05
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	1.05
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	1.05
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	1.05
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	1.05
05466	Toluene	108-88-3	N.D.	0.001	0.005	mg/kg	1.05

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

Lancaster Laboratories Sample No. 5237720 SW Group No. 1069931

B-1d8.0 Grab Soil
Site# 2705443 ATCE
15199 Washington-San Leand NA B-1

Collected:12/11/2007 08:26 by NC

Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLS1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1.05
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.005	mg/kg	1.05
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.005	mg/kg	1.05
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.005	mg/kg	1.05
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.005	mg/kg	1.05
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.005	mg/kg	1.05
05476	o-Xylene	95-47-6	N.D.	0.001	0.005	mg/kg	1.05
05478	Bromoform	75-25-2	N.D.	0.001	0.005	mg/kg	1.05
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.005	mg/kg	1.05
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.005	mg/kg	1.05
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.005	mg/kg	1.05
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.005	mg/kg	1.05

State of California Lab Certification No. 2116

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
08270	TPH-DRO by 8015B	SW-846 8015B	1	12/20/2007 17:41	Diane V Do	1
06955	Lead	SW-846 6010B	1	12/19/2007 19:47	Thomas F McLamb Sr	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	12/17/2007 22:43	Linda C Pape	50
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	12/18/2007 21:51	Sara E Wolf	1.05
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	12/18/2007 21:51	Sara E Wolf	1.05
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/15/2007 14:25	Justin M Bowers	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	12/15/2007 14:26	Justin M Bowers	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	12/15/2007 14:28	Justin M Bowers	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	12/18/2007 13:20	Mirit S Shenouda	1
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	12/15/2007 14:27	Justin M Bowers	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	12/18/2007 08:30	Olivia I Santiago	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5237721 SW Group No. 1069931

B-2d10.0 Grab Soil
Site# 2705443 ATCE
15199 Washington-San Leand NA B-2

Collected:12/13/2007 12:35 by NC Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLS2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	N.D.	4.0	12.	mg/kg	1
06955	Lead	7439-92-1	14.6	0.480	1.47	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	N.D.	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.0007 J	0.0005	0.005	mg/kg	0.93
02017	di-Isopropyl ether	108-20-3	N.D.	0.0009	0.005	mg/kg	0.93
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.0009	0.005	mg/kg	0.93
02019	t-Amyl methyl ether	994-05-8	N.D.	0.0009	0.005	mg/kg	0.93
02020	t-Butyl alcohol	75-65-0	N.D.	0.019	0.093	mg/kg	0.93
06089	Ethanol	64-17-5	N.D.	0.093	0.46	mg/kg	0.93
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.0009	0.005	mg/kg	0.93
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.0009	0.005	mg/kg	0.93
08199	Freon 113	76-13-1	N.D.	0.002	0.009	mg/kg	0.93
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	0.93
05445	Vinyl Chloride	75-01-4	N.D.	0.0009	0.005	mg/kg	0.93
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	0.93
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	0.93
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	0.93
05449	1,1-Dichloroethene	75-35-4	N.D.	0.0009	0.005	mg/kg	0.93
05450	Methylene Chloride	75-09-2	N.D.	0.002	0.005	mg/kg	0.93
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.0009	0.005	mg/kg	0.93
05452	1,1-Dichloroethane	75-34-3	N.D.	0.0009	0.005	mg/kg	0.93
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.0009	0.005	mg/kg	0.93
05455	Chloroform	67-66-3	N.D.	0.0009	0.005	mg/kg	0.93
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.0009	0.005	mg/kg	0.93
05458	Carbon Tetrachloride	56-23-5	N.D.	0.0009	0.005	mg/kg	0.93
05460	Benzene	71-43-2	N.D.	0.0005	0.005	mg/kg	0.93
05461	1,2-Dichloroethane	107-06-2	N.D.	0.0009	0.005	mg/kg	0.93
05462	Trichloroethene	79-01-6	N.D.	0.0009	0.005	mg/kg	0.93
05463	1,2-Dichloropropane	78-87-5	N.D.	0.0009	0.005	mg/kg	0.93
05465	Bromodichloromethane	75-27-4	N.D.	0.0009	0.005	mg/kg	0.93
05466	Toluene	108-88-3	N.D.	0.0009	0.005	mg/kg	0.93

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

Lancaster Laboratories Sample No. 5237721 SW Group No. 1069931

B-2d10.0 Grab Soil
Site# 2705443 ATCE
15199 Washington-San Leand NA B-2

Collected:12/13/2007 12:35 by NC

Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLS2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.0009	0.005	mg/kg	0.93
05468	Tetrachloroethene	127-18-4	N.D.	0.0009	0.005	mg/kg	0.93
05470	Dibromochloromethane	124-48-1	N.D.	0.0009	0.005	mg/kg	0.93
05472	Chlorobenzene	108-90-7	N.D.	0.0009	0.005	mg/kg	0.93
05474	Ethylbenzene	100-41-4	N.D.	0.0009	0.005	mg/kg	0.93
05475	m+p-Xylene	1330-20-7	N.D.	0.0009	0.005	mg/kg	0.93
05476	o-Xylene	95-47-6	N.D.	0.0009	0.005	mg/kg	0.93
05478	Bromoform	75-25-2	N.D.	0.0009	0.005	mg/kg	0.93
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.0009	0.005	mg/kg	0.93
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.0009	0.005	mg/kg	0.93
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.0009	0.005	mg/kg	0.93
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.0009	0.005	mg/kg	0.93

State of California Lab Certification No. 2116

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
08270	TPH-DRO by 8015B	SW-846 8015B	1	12/20/2007 17:19	Diane V Do	1
06955	Lead	SW-846 6010B	1	12/19/2007 19:51	Thomas F McLamb Sr	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	12/17/2007 23:19	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	12/18/2007 17:45	Lauren C Marzario	0.93
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	12/18/2007 17:45	Lauren C Marzario	0.93
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/15/2007 14:30	Justin M Bowers	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	12/15/2007 14:31	Justin M Bowers	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	12/15/2007 14:33	Justin M Bowers	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	12/18/2007 13:20	Mirit S Shenouda	1
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	12/15/2007 14:32	Justin M Bowers	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	12/18/2007 08:30	Olivia I Santiago	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5237722 SW Group No. 1069931

B-3d10.0 Grab Soil
Site# 2705443 ATCE
15199 Washington-San Leand NA B-3

Collected:12/11/2007 09:57 by NC Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLS3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
08270	TPH-DRO by 8015B	n.a.	30.	4.0	12.	mg/kg	1
06955	Lead	7439-92-1	6.79	0.490	1.50	mg/kg	1
01637	TPH-GRO 8015B - soil						
01641	TPH-GRO 8015B - soil	n.a.	N.D.	0.2	1.0	mg/kg	25
03983	EPA SW 846/8260 - Soil						
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.002 J	0.0005	0.005	mg/kg	1.05
02017	di-Isopropyl ether	108-20-3	N.D.	0.001	0.005	mg/kg	1.05
02018	Ethyl t-butyl ether	637-92-3	N.D.	0.001	0.005	mg/kg	1.05
02019	t-Amyl methyl ether	994-05-8	N.D.	0.001	0.005	mg/kg	1.05
02020	t-Butyl alcohol	75-65-0	N.D.	0.021	0.11	mg/kg	1.05
06089	Ethanol	64-17-5	N.D.	0.11	0.53	mg/kg	1.05
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.001	0.005	mg/kg	1.05
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.001	0.005	mg/kg	1.05
08199	Freon 113	76-13-1	N.D.	0.002	0.011	mg/kg	1.05
05441	EPA SW846/8260 (soil)						
05444	Chloromethane	74-87-3	N.D.	0.002	0.005	mg/kg	1.05
05445	Vinyl Chloride	75-01-4	N.D.	0.001	0.005	mg/kg	1.05
05446	Bromomethane	74-83-9	N.D.	0.002	0.005	mg/kg	1.05
05447	Chloroethane	75-00-3	N.D.	0.002	0.005	mg/kg	1.05
05448	Trichlorofluoromethane	75-69-4	N.D.	0.002	0.005	mg/kg	1.05
05449	1,1-Dichloroethene	75-35-4	N.D.	0.001	0.005	mg/kg	1.05
05450	Methylene Chloride	75-09-2	N.D.	0.002	0.005	mg/kg	1.05
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.001	0.005	mg/kg	1.05
05452	1,1-Dichloroethane	75-34-3	N.D.	0.001	0.005	mg/kg	1.05
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.001	0.005	mg/kg	1.05
05455	Chloroform	67-66-3	N.D.	0.001	0.005	mg/kg	1.05
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.001	0.005	mg/kg	1.05
05458	Carbon Tetrachloride	56-23-5	N.D.	0.001	0.005	mg/kg	1.05
05460	Benzene	71-43-2	N.D.	0.0005	0.005	mg/kg	1.05
05461	1,2-Dichloroethane	107-06-2	N.D.	0.001	0.005	mg/kg	1.05
05462	Trichloroethene	79-01-6	N.D.	0.001	0.005	mg/kg	1.05
05463	1,2-Dichloropropane	78-87-5	N.D.	0.001	0.005	mg/kg	1.05
05465	Bromodichloromethane	75-27-4	N.D.	0.001	0.005	mg/kg	1.05
05466	Toluene	108-88-3	N.D.	0.001	0.005	mg/kg	1.05

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

Lancaster Laboratories Sample No. 5237722 SW Group No. 1069931

B-3d10.0 Grab Soil
Site# 2705443 ATCE
15199 Washington-San Leand NA B-3

Collected:12/11/2007 09:57 by NC

Account Number: 12258

Submitted: 12/15/2007 09:40
Reported: 01/03/2008 at 15:39
Discard: 02/03/2008

ConocoPhillips
Suite 212
1230 W. Washington
Tempe AZ 85281

WSLS3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.001	0.005	mg/kg	1.05
05468	Tetrachloroethene	127-18-4	N.D.	0.001	0.005	mg/kg	1.05
05470	Dibromochloromethane	124-48-1	N.D.	0.001	0.005	mg/kg	1.05
05472	Chlorobenzene	108-90-7	N.D.	0.001	0.005	mg/kg	1.05
05474	Ethylbenzene	100-41-4	N.D.	0.001	0.005	mg/kg	1.05
05475	m+p-Xylene	1330-20-7	N.D.	0.001	0.005	mg/kg	1.05
05476	o-Xylene	95-47-6	N.D.	0.001	0.005	mg/kg	1.05
05478	Bromoform	75-25-2	N.D.	0.001	0.005	mg/kg	1.05
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.001	0.005	mg/kg	1.05
05491	1,3-Dichlorobenzene	541-73-1	N.D.	0.001	0.005	mg/kg	1.05
05492	1,4-Dichlorobenzene	106-46-7	N.D.	0.001	0.005	mg/kg	1.05
05494	1,2-Dichlorobenzene	95-50-1	N.D.	0.001	0.005	mg/kg	1.05

State of California Lab Certification No. 2116

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
08270	TPH-DRO by 8015B	SW-846 8015B	1	12/20/2007 20:35	Diane V Do	1
06955	Lead	SW-846 6010B	1	12/19/2007 19:54	Thomas F McLamb Sr	1
01637	TPH-GRO 8015B - soil	SW-846 8015B modified	1	12/17/2007 23:56	Linda C Pape	25
03983	EPA SW 846/8260 - Soil	SW-846 8260B	1	12/18/2007 19:04	Nicholas R Rossi	1.05
05441	EPA SW846/8260 (soil)	SW-846 8260B	1	12/18/2007 19:04	Nicholas R Rossi	1.05
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	1	12/15/2007 14:37	Justin M Bowers	n.a.
00374	GC/MS - Bulk Sample Prep	SW-846 5030A	2	12/15/2007 14:38	Justin M Bowers	n.a.
01150	GC - Bulk Soil Prep	SW-846 5030A	1	12/15/2007 14:40	Justin M Bowers	n.a.
05708	SW SW846 ICP Digest	SW-846 3050B	1	12/18/2007 13:20	Mirit S Shenouda	1
06646	GC/MS HL Bulk Sample Prep	SW-846 5030A	1	12/15/2007 14:39	Justin M Bowers	n.a.
07004	Extraction - DRO (Soils)	SW-846 3550B	1	12/18/2007 08:30	Olivia I Santiago	1

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

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: ConocoPhillips
Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

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: 073500004A	Sample number(s): 5237715-5237718								
TPH-DRO (Waters)	N.D.	29.	100.	ug/l	84	85	63-119	1	20
Batch number: 073500018A	Sample number(s): 5237720-5237722								
TPH-DRO by 8015B	N.D.	4.0	12.	mg/kg	87	85	71-109	2	20
Batch number: 073515708005	Sample number(s): 5237720-5237722								
Lead	N.D.	0.490	1.50	mg/kg	96		90-110		
Batch number: 07351A34A	Sample number(s): 5237720-5237722								
TPH-GRO 8015B - soil	N.D.	0.2	1.0	mg/kg	97		67-119		
Batch number: 07351A53A	Sample number(s): 5237715-5237718								
TPH-GRO 8015B - water	N.D.	20.	50.	ug/l	120	114	75-135	5	30
Batch number: A073521AA	Sample number(s): 5237721								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	96	102	72-117	6	30
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	95	103	72-120	8	30
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	96	102	72-115	6	30
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	99	105	73-116	6	30
t-Butyl alcohol	N.D.	0.020	0.10	mg/kg	102	109	59-154	6	30
Chloromethane	N.D.	0.002	0.005	mg/kg	97	98	44-115	1	30
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	93	95	52-111	2	30
Bromomethane	N.D.	0.002	0.005	mg/kg	100	104	53-124	4	30
Chloroethane	N.D.	0.002	0.005	mg/kg	102	106	63-120	4	30
Trichlorofluoromethane	N.D.	0.002	0.005	mg/kg	96	99	58-125	3	30
1,1-Dichloroethene	N.D.	0.001	0.005	mg/kg	99	104	83-121	5	30
Methylene Chloride	N.D.	0.002	0.005	mg/kg	92	97	75-120	5	30
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	92	99	84-116	7	30
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	94	99	82-116	5	30
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	88	94	84-113	8	30
Chloroform	N.D.	0.001	0.005	mg/kg	93	97	81-117	4	30
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	94	100	74-127	6	30
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	90	96	76-122	6	30
Benzene	N.D.	0.0005	0.005	mg/kg	90	97	84-115	7	30
1,2-Dichloroethane	N.D.	0.001	0.005	mg/kg	97	102	76-126	5	30
Trichloroethene	N.D.	0.001	0.005	mg/kg	89	94	81-114	5	30
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	93	100	78-119	7	30
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	95	102	77-116	7	30
Toluene	N.D.	0.001	0.005	mg/kg	93	98	81-116	5	30
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	95	101	81-112	6	30
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	85	91	77-120	6	30
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	101	106	80-113	5	30
Chlorobenzene	N.D.	0.001	0.005	mg/kg	90	97	81-112	7	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	91	96	82-115	5	30
m+p-Xylene	N.D.	0.001	0.005	mg/kg	87	95	82-117	9	30
o-Xylene	N.D.	0.001	0.005	mg/kg	89	95	82-117	7	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.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Bromoform	N.D.	0.001	0.005	mg/kg	91	94	63-120	4	30
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	104	107	64-121	3	30
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	86	90	76-112	4	30
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	87	92	78-108	6	30
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	88	93	81-109	5	30
Ethanol	N.D.	0.10	0.50	mg/kg	92	109	48-149	17	30
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	95	102	79-112	8	30
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	91	97	80-111	7	30
Freon 113	N.D.	0.002	0.010	mg/kg	81	88	68-121	8	30
Batch number: B073521AA	Sample number(s): 5237720,5237722								
Methyl Tertiary Butyl Ether	N.D.	0.0005	0.005	mg/kg	90	88	72-117	2	30
di-Isopropyl ether	N.D.	0.001	0.005	mg/kg	98	99	72-120	2	30
Ethyl t-butyl ether	N.D.	0.001	0.005	mg/kg	92	93	72-115	1	30
t-Amyl methyl ether	N.D.	0.001	0.005	mg/kg	91	89	73-116	2	30
t-Butyl alcohol	N.D.	0.020	0.10	mg/kg	95	96	59-154	1	30
Chloromethane	N.D.	0.002	0.005	mg/kg	133*	137*	44-115	3	30
Vinyl Chloride	N.D.	0.001	0.005	mg/kg	123*	124*	52-111	1	30
Bromomethane	N.D.	0.002	0.005	mg/kg	116	118	53-124	2	30
Chloroethane	N.D.	0.002	0.005	mg/kg	112	112	63-120	1	30
Trichlorofluoromethane	N.D.	0.002	0.005	mg/kg	116	117	58-125	1	30
1,1-Dichloroethene	N.D.	0.001	0.005	mg/kg	110	111	83-121	1	30
Methylene Chloride	N.D.	0.002	0.005	mg/kg	108	109	75-120	1	30
trans-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	93	96	84-116	3	30
1,1-Dichloroethane	N.D.	0.001	0.005	mg/kg	103	103	82-116	1	30
cis-1,2-Dichloroethene	N.D.	0.001	0.005	mg/kg	91	93	84-113	2	30
Chloroform	N.D.	0.001	0.005	mg/kg	104	103	81-117	0	30
1,1,1-Trichloroethane	N.D.	0.001	0.005	mg/kg	97	100	74-127	3	30
Carbon Tetrachloride	N.D.	0.001	0.005	mg/kg	95	97	76-122	3	30
Benzene	N.D.	0.0005	0.005	mg/kg	99	100	84-115	1	30
1,2-Dichloroethane	N.D.	0.001	0.005	mg/kg	108	106	76-126	2	30
Trichloroethene	N.D.	0.001	0.005	mg/kg	101	102	81-114	1	30
1,2-Dichloropropane	N.D.	0.001	0.005	mg/kg	103	104	78-119	1	30
Bromodichloromethane	N.D.	0.001	0.005	mg/kg	102	102	77-116	0	30
Toluene	N.D.	0.001	0.005	mg/kg	103	106	81-116	3	30
1,1,2-Trichloroethane	N.D.	0.001	0.005	mg/kg	104	101	81-112	3	30
Tetrachloroethene	N.D.	0.001	0.005	mg/kg	91	96	77-120	5	30
Dibromochloromethane	N.D.	0.001	0.005	mg/kg	97	98	80-113	2	30
Chlorobenzene	N.D.	0.001	0.005	mg/kg	100	101	81-112	1	30
Ethylbenzene	N.D.	0.001	0.005	mg/kg	102	106	82-115	3	30
m+p-Xylene	N.D.	0.001	0.005	mg/kg	98	100	82-117	3	30
o-Xylene	N.D.	0.001	0.005	mg/kg	97	99	82-117	2	30
Bromoform	N.D.	0.001	0.005	mg/kg	87	88	63-120	1	30
1,1,2,2-Tetrachloroethane	N.D.	0.001	0.005	mg/kg	119	114	64-121	4	30
1,3-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	97	100	76-112	3	30
1,4-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	99	101	78-108	2	30
1,2-Dichlorobenzene	N.D.	0.001	0.005	mg/kg	98	99	81-109	1	30
Ethanol	N.D.	0.10	0.50	mg/kg	135	129	48-149	5	30
trans-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	104	104	79-112	0	30
cis-1,3-Dichloropropene	N.D.	0.001	0.005	mg/kg	98	97	80-111	2	30
Freon 113	N.D.	0.002	0.010	mg/kg	89	92	68-121	4	30
Batch number: N073541AA	Sample number(s): 5237717-5237719								
Ethanol	N.D.	50.	250.	ug/l	103		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	5.	ug/l	92		73-119		

*- 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 Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
di-Isopropyl ether	N.D.	0.8	5.	ug/l	98		70-123		
Ethyl t-butyl ether	N.D.	0.8	5.	ug/l	98		74-120		
t-Amyl methyl ether	N.D.	0.8	5.	ug/l	95		79-113		
t-Butyl alcohol	N.D.	10.	80.	ug/l	99		74-117		
Chloromethane	N.D.	1.	5.	ug/l	101		47-122		
Vinyl Chloride	N.D.	1.	5.	ug/l	103		54-123		
Bromomethane	N.D.	1.	5.	ug/l	98		49-117		
Chloroethane	N.D.	1.	5.	ug/l	102		54-117		
Trichlorofluoromethane	N.D.	2.	5.	ug/l	100		59-128		
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	106		76-122		
Methylene Chloride	N.D.	2.	5.	ug/l	105		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	107		83-117		
1,1-Dichloroethane	N.D.	1.	5.	ug/l	102		83-127		
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	104		84-117		
Chloroform	N.D.	0.8	5.	ug/l	100		77-125		
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	98		83-127		
Carbon Tetrachloride	N.D.	1.	5.	ug/l	92		77-130		
Benzene	N.D.	0.5	5.	ug/l	106		78-119		
1,2-Dichloroethane	N.D.	1.	5.	ug/l	94		69-135		
Trichloroethene	N.D.	1.	5.	ug/l	100		87-117		
1,2-Dichloropropane	N.D.	1.	5.	ug/l	103		80-117		
Bromodichloromethane	N.D.	1.	5.	ug/l	102		83-121		
Toluene	N.D.	0.7	5.	ug/l	108		85-115		
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	90		86-113		
Tetrachloroethene	N.D.	0.8	5.	ug/l	99		76-118		
Dibromochloromethane	N.D.	1.	5.	ug/l	93		78-119		
Chlorobenzene	N.D.	0.8	5.	ug/l	106		85-115		
Ethylbenzene	N.D.	0.8	5.	ug/l	104		82-119		
m+p-Xylene	N.D.	0.8	5.	ug/l	112		83-113		
o-Xylene	N.D.	0.8	5.	ug/l	112		83-113		
Bromoform	N.D.	1.	5.	ug/l	73		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	85		72-119		
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	104		81-114		
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	105		84-116		
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	102		81-112		
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	92		79-114		
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	97		78-114		
Freon 113	N.D.	2.	10.	ug/l	96		66-125		
Batch number: W073581AA	Sample number(s): 5237715								
Ethanol	N.D.	50.	250.	ug/l	104		31-166		
Methyl Tertiary Butyl Ether	N.D.	0.5	5.	ug/l	110		73-119		
di-Isopropyl ether	N.D.	0.8	5.	ug/l	99		70-123		
Ethyl t-butyl ether	N.D.	0.8	5.	ug/l	102		74-120		
t-Amyl methyl ether	N.D.	0.8	5.	ug/l	102		79-113		
t-Butyl alcohol	N.D.	10.	80.	ug/l	106		74-117		
Chloromethane	N.D.	1.	5.	ug/l	95		47-122		
Vinyl Chloride	N.D.	1.	5.	ug/l	89		54-123		
Bromomethane	N.D.	1.	5.	ug/l	83		49-117		
Chloroethane	N.D.	1.	5.	ug/l	79		54-117		
Trichlorofluoromethane	N.D.	2.	5.	ug/l	98		59-128		
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	99		76-122		
Methylene Chloride	N.D.	2.	5.	ug/l	101		85-120		
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	101		83-117		
1,1-Dichloroethane	N.D.	1.	5.	ug/l	102		83-127		

*- 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 Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	101		84-117		
Chloroform	N.D.	0.8	5.	ug/l	101		77-125		
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	99		83-127		
Carbon Tetrachloride	N.D.	1.	5.	ug/l	99		77-130		
Benzene	N.D.	0.5	5.	ug/l	98		78-119		
1,2-Dichloroethane	N.D.	1.	5.	ug/l	101		69-135		
Trichloroethene	N.D.	1.	5.	ug/l	99		87-117		
1,2-Dichloropropane	N.D.	1.	5.	ug/l	101		80-117		
Bromodichloromethane	N.D.	1.	5.	ug/l	103		83-121		
Toluene	N.D.	0.7	5.	ug/l	96		85-115		
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	99		86-113		
Tetrachloroethene	N.D.	0.8	5.	ug/l	96		76-118		
Dibromochloromethane	N.D.	1.	5.	ug/l	102		78-119		
Chlorobenzene	N.D.	0.8	5.	ug/l	98		85-115		
Ethylbenzene	N.D.	0.8	5.	ug/l	97		82-119		
m+p-Xylene	N.D.	0.8	5.	ug/l	94		83-113		
o-Xylene	N.D.	0.8	5.	ug/l	97		83-113		
Bromoform	N.D.	1.	5.	ug/l	90		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	98		72-119		
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	100		81-114		
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	100		84-116		
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	99		81-112		
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	97		79-114		
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	99		78-114		
Freon 113	N.D.	2.	10.	ug/l	94		66-125		
Batch number: W073611AA	Sample number(s): 5237716								
Ethanol	N.D.	50.	250.	ug/l	114	101	31-166	13	30
Methyl Tertiary Butyl Ether	N.D.	0.5	5.	ug/l	110	111	73-119	1	30
di-Isopropyl ether	N.D.	0.8	5.	ug/l	101	101	70-123	1	30
Ethyl t-butyl ether	N.D.	0.8	5.	ug/l	104	102	74-120	2	30
t-Amyl methyl ether	N.D.	0.8	5.	ug/l	102	102	79-113	0	30
t-Butyl alcohol	N.D.	10.	80.	ug/l	106	104	74-117	1	30
Chloromethane	N.D.	1.	5.	ug/l	101	112	47-122	11	30
Vinyl Chloride	N.D.	1.	5.	ug/l	92	104	54-123	12	30
Bromomethane	N.D.	1.	5.	ug/l	92	91	49-117	1	30
Chloroethane	N.D.	1.	5.	ug/l	84	81	54-117	4	30
Trichlorofluoromethane	N.D.	2.	5.	ug/l	102	98	59-128	4	30
1,1-Dichloroethene	N.D.	0.8	5.	ug/l	106	105	76-122	1	30
Methylene Chloride	N.D.	2.	5.	ug/l	105	105	85-120	0	30
trans-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	105	103	83-117	2	30
1,1-Dichloroethane	N.D.	1.	5.	ug/l	106	103	83-127	2	30
cis-1,2-Dichloroethene	N.D.	0.8	5.	ug/l	101	100	84-117	2	30
Chloroform	N.D.	0.8	5.	ug/l	103	101	77-125	2	30
1,1,1-Trichloroethane	N.D.	0.8	5.	ug/l	100	101	83-127	1	30
Carbon Tetrachloride	N.D.	1.	5.	ug/l	101	101	77-130	0	30
Benzene	N.D.	0.5	5.	ug/l	102	101	78-119	1	30
1,2-Dichloroethane	N.D.	1.	5.	ug/l	103	102	69-135	0	30
Trichloroethene	N.D.	1.	5.	ug/l	101	103	87-117	1	30
1,2-Dichloropropane	N.D.	1.	5.	ug/l	104	102	80-117	2	30
Bromodichloromethane	N.D.	1.	5.	ug/l	104	104	83-121	0	30
Toluene	N.D.	0.7	5.	ug/l	103	100	85-115	3	30
1,1,2-Trichloroethane	N.D.	0.8	5.	ug/l	102	99	86-113	3	30
Tetrachloroethene	N.D.	0.8	5.	ug/l	101	99	76-118	2	30
Dibromochloromethane	N.D.	1.	5.	ug/l	104	103	78-119	1	30

*- Outside of specification
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(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 Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chlorobenzene	N.D.	0.8	5.	ug/l	101	100	85-115	1	30
Ethylbenzene	N.D.	0.8	5.	ug/l	102	101	82-119	1	30
m+p-Xylene	N.D.	0.8	5.	ug/l	101	98	83-113	3	30
o-Xylene	N.D.	0.8	5.	ug/l	99	98	83-113	2	30
Bromoform	N.D.	1.	5.	ug/l	92	88	69-118	4	30
1,1,2,2-Tetrachloroethane	N.D.	1.	5.	ug/l	98	96	72-119	3	30
1,3-Dichlorobenzene	N.D.	1.	5.	ug/l	100	100	81-114	1	30
1,4-Dichlorobenzene	N.D.	1.	5.	ug/l	100	101	84-116	1	30
1,2-Dichlorobenzene	N.D.	1.	5.	ug/l	99	100	81-112	2	30
trans-1,3-Dichloropropene	N.D.	1.	5.	ug/l	100	98	79-114	2	30
cis-1,3-Dichloropropene	N.D.	1.	5.	ug/l	101	99	78-114	1	30
Freon 113	N.D.	2.	10.	ug/l	98	94	66-125	4	30

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: 073515708005	Sample number(s): 5237720-5237722 UNSPK: P236155 BKG: P236155								
Lead	65 (2)	-56 (2)	75-125	13	20	109.	114.	4	20
Batch number: 07351A34A	Sample number(s): 5237720-5237722 UNSPK: P222532								
TPH-GRO 8015B - soil	78	87	39-118	11	30				
Batch number: 07351A53A	Sample number(s): 5237715-5237718 UNSPK: P235425								
TPH-GRO 8015B - water	120		63-154						
Batch number: A073521AA	Sample number(s): 5237721 UNSPK: 5237721								
Methyl Tertiary Butyl Ether	91		59-119						
di-Isopropyl ether	103		58-113						
Ethyl t-butyl ether	99		60-112						
t-Amyl methyl ether	98		63-112						
t-Butyl alcohol	141*		51-134						
Chloromethane	118*		38-115						
Vinyl Chloride	117*		41-104						
Bromomethane	116*		50-114						
Chloroethane	119*		52-114						
Trichlorofluoromethane	127*		39-122						
1,1-Dichloroethene	117		64-118						
Methylene Chloride	102		50-127						
trans-1,2-Dichloroethene	108		60-110						
1,1-Dichloroethane	107		65-115						
cis-1,2-Dichloroethene	99		67-110						
Chloroform	103		69-117						
1,1,1-Trichloroethane	109		64-118						
Carbon Tetrachloride	111		56-120						
Benzene	105		66-112						
1,2-Dichloroethane	99		62-130						
Trichloroethene	104		48-131						
1,2-Dichloropropane	106		64-112						
Bromodichloromethane	100		66-119						

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

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
Toluene	110		50-121						
1,1,2-Trichloroethane	94		64-118						
Tetrachloroethene	109		40-140						
Dibromochloromethane	99		67-113						
Chlorobenzene	100		58-109						
Ethylbenzene	107		54-116						
m+p-Xylene	106		52-117						
o-Xylene	103		52-117						
Bromoform	82		54-114						
1,1,2,2-Tetrachloroethane	94		37-142						
1,3-Dichlorobenzene	98		47-109						
1,4-Dichlorobenzene	95		47-109						
1,2-Dichlorobenzene	95		50-111						
Ethanol	143		35-148						
trans-1,3-Dichloropropene	97		60-110						
cis-1,3-Dichloropropene	95		56-112						
Freon 113	113		47-115						
Batch number: B073521AA	Sample number(s): 5237720,5237722 UNSPK: P236982								
Methyl Tertiary Butyl Ether	96		59-119						
di-Isopropyl ether	100		58-113						
Ethyl t-butyl ether	93		60-112						
t-Amyl methyl ether	93		63-112						
t-Butyl alcohol	104		51-134						
Chloromethane	129*		38-115						
Vinyl Chloride	121*		41-104						
Bromomethane	115*		50-114						
Chloroethane	107		52-114						
Trichlorofluoromethane	129*		39-122						
1,1-Dichloroethene	102		64-118						
Methylene Chloride	95		50-127						
trans-1,2-Dichloroethene	90		60-110						
1,1-Dichloroethane	99		65-115						
cis-1,2-Dichloroethene	92		67-110						
Chloroform	100		69-117						
1,1,1-Trichloroethane	93		64-118						
Carbon Tetrachloride	91		56-120						
Benzene	96		66-112						
1,2-Dichloroethane	109		62-130						
Trichloroethene	95		48-131						
1,2-Dichloropropane	102		64-112						
Bromodichloromethane	99		66-119						
Toluene	96		50-121						
1,1,2-Trichloroethane	106		64-118						
Tetrachloroethene	88		40-140						
Dibromochloromethane	99		67-113						
Chlorobenzene	93		58-109						
Ethylbenzene	92		54-116						
m+p-Xylene	88		52-117						
o-Xylene	86		52-117						
Bromoform	88		54-114						
1,1,2,2-Tetrachloroethane	122		37-142						
1,3-Dichlorobenzene	90		47-109						

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

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
1,4-Dichlorobenzene	91		47-109						
1,2-Dichlorobenzene	94		50-111						
Ethanol	141		35-148						
trans-1,3-Dichloropropene	101		60-110						
cis-1,3-Dichloropropene	94		56-112						
Freon 113	98		47-115						
Batch number: N073541AA	Sample number(s): 5237717-5237719 UNSPK: 5237718								
Ethanol	127	103	32-164	21	30				
Methyl Tertiary Butyl Ether	91	89	69-127	2	30				
di-Isopropyl ether	97	94	68-129	3	30				
Ethyl t-butyl ether	98	94	78-119	4	30				
t-Amyl methyl ether	93	92	72-125	2	30				
t-Butyl alcohol	100	94	70-121	6	30				
Chloromethane	108	101	47-133	7	30				
Vinyl Chloride	115	107	55-130	7	30				
Bromomethane	104	99	52-129	6	30				
Chloroethane	108	100	57-130	8	30				
Trichlorofluoromethane	115	107	67-150	7	30				
1,1-Dichloroethene	114	109	87-145	5	30				
Methylene Chloride	102	101	79-133	1	30				
trans-1,2-Dichloroethene	112	110	82-133	2	30				
1,1-Dichloroethane	105	104	85-135	1	30				
cis-1,2-Dichloroethene	106	103	83-126	3	30				
Chloroform	105	103	83-139	2	30				
1,1,1-Trichloroethane	105	99	81-142	5	30				
Carbon Tetrachloride	101	98	82-149	3	30				
Benzene	109	108	83-128	1	30				
1,2-Dichloroethane	97	93	70-143	5	30				
Trichloroethene	106	102	83-136	4	30				
1,2-Dichloropropane	103	101	83-129	1	30				
Bromodichloromethane	102	98	80-137	4	30				
Toluene	112	107	83-127	4	30				
1,1,2-Trichloroethane	88	88	77-125	0	30				
Tetrachloroethene	101	100	78-133	1	30				
Dibromochloromethane	93	89	82-119	5	30				
Chlorobenzene	107	101	83-120	6	30				
Ethylbenzene	105	102	82-129	3	30				
m+p-Xylene	115	109	82-130	5	30				
o-Xylene	115	107	82-130	7	30				
Bromoform	70	68	64-119	3	30				
1,1,2,2-Tetrachloroethane	84	80	73-121	4	30				
1,3-Dichlorobenzene	100	97	79-123	3	30				
1,4-Dichlorobenzene	99	95	81-122	4	30				
1,2-Dichlorobenzene	99	93	82-117	6	30				
trans-1,3-Dichloropropene	93	89	77-123	5	30				
cis-1,3-Dichloropropene	97	93	80-126	3	30				
Freon 113	105	102	78-146	3	30				
Batch number: W073581AA	Sample number(s): 5237715 UNSPK: P237685								
Ethanol	101	104	32-164	3	30				
Methyl Tertiary Butyl Ether	112	114	69-127	2	30				
di-Isopropyl ether	104	104	68-129	0	30				

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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

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	108	109	78-119	1	30				
t-Amyl methyl ether	105	105	72-125	0	30				
t-Butyl alcohol	102	105	70-121	2	30				
Chloromethane	106	108	47-133	2	30				
Vinyl Chloride	100	100	55-130	0	30				
Bromomethane	92	98	52-129	7	30				
Chloroethane	81	82	57-130	1	30				
Trichlorofluoromethane	110	111	67-150	1	30				
1,1-Dichloroethene	111	112	87-145	1	30				
Methylene Chloride	106	105	79-133	1	30				
trans-1,2-Dichloroethene	109	109	82-133	0	30				
1,1-Dichloroethane	109	109	85-135	1	30				
cis-1,2-Dichloroethene	106	107	83-126	0	30				
Chloroform	108	110	83-139	2	30				
1,1,1-Trichloroethane	109	109	81-142	1	30				
Carbon Tetrachloride	106	108	82-149	2	30				
Benzene	105	106	83-128	1	30				
1,2-Dichloroethane	105	106	70-143	1	30				
Trichloroethene	108	110	83-136	2	30				
1,2-Dichloropropane	106	105	83-129	1	30				
Bromodichloromethane	108	106	80-137	1	30				
Toluene	104	105	83-127	1	30				
1,1,2-Trichloroethane	102	103	77-125	1	30				
Tetrachloroethene	104	103	78-133	1	30				
Dibromochloromethane	106	108	82-119	2	30				
Chlorobenzene	104	104	83-120	0	30				
Ethylbenzene	104	105	82-129	1	30				
m+p-Xylene	101	102	82-130	1	30				
o-Xylene	103	102	82-130	1	30				
Bromoform	92	92	64-119	1	30				
1,1,2,2-Tetrachloroethane	98	98	73-121	0	30				
1,3-Dichlorobenzene	102	102	79-123	0	30				
1,4-Dichlorobenzene	101	103	81-122	1	30				
1,2-Dichlorobenzene	99	101	82-117	1	30				
trans-1,3-Dichloropropene	99	101	77-123	2	30				
cis-1,3-Dichloropropene	103	102	80-126	0	30				
Freon 113	105	105	78-146	0	30				

Batch number: W073611AA Sample number(s): 5237716 UNSPK: P242316

Ethanol	107	32-164
Methyl Tertiary Butyl Ether	115	69-127
di-Isopropyl ether	107	68-129
Ethyl t-butyl ether	108	78-119
t-Amyl methyl ether	105	72-125
t-Butyl alcohol	102	70-121
Chloromethane	115	47-133
Vinyl Chloride	109	55-130
Bromomethane	105	52-129
Chloroethane	87	57-130
Trichlorofluoromethane	115	67-150
1,1-Dichloroethene	124	87-145
Methylene Chloride	110	79-133
trans-1,2-Dichloroethene	114	82-133

*- Outside of specification
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(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: ConocoPhillips Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

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
1,1-Dichloroethane	113		85-135						
cis-1,2-Dichloroethene	108		83-126						
Chloroform	110		83-139						
1,1,1-Trichloroethane	110		81-142						
Carbon Tetrachloride	112		82-149						
Benzene	109		83-128						
1,2-Dichloroethane	106		70-143						
Trichloroethene	110		83-136						
1,2-Dichloropropane	104		83-129						
Bromodichloromethane	108		80-137						
Toluene	107		83-127						
1,1,2-Trichloroethane	104		77-125						
Tetrachloroethene	106		78-133						
Dibromochloromethane	107		82-119						
Chlorobenzene	106		83-120						
Ethylbenzene	107		82-129						
m+p-Xylene	104		82-130						
o-Xylene	104		82-130						
Bromoform	94		64-119						
1,1,2,2-Tetrachloroethane	98		73-121						
1,3-Dichlorobenzene	105		79-123						
1,4-Dichlorobenzene	104		81-122						
1,2-Dichlorobenzene	103		82-117						
trans-1,3-Dichloropropene	102		77-123						
cis-1,3-Dichloropropene	100		80-126						
Freon 113	117		78-146						

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-DRO (Waters)
Batch number: 073500004A

	Orthoterphenyl
5237715	77
5237716	74
5237717	70
5237718	59
Blank	78
LCS	97
LCSD	96
Limits:	59-131

Analysis Name: TPH-DRO by 8015B
Batch number: 073500018A

	Orthoterphenyl

*- Outside of specification
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Quality Control Summary

Client Name: ConocoPhillips Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

Surrogate Quality Control

5237720	83
5237721	79
5237722	82
Blank	86
LCS	99
LCSD	99
Limits:	59-129

Analysis Name: TPH-GRO 8015B - soil
Batch number: 07351A34A
Trifluorotoluene-F

5237720	39*
5237721	90
5237722	90
Blank	90
LCS	93
MS	93
MSD	94
Limits:	61-122

Analysis Name: TPH-GRO 8015B - water
Batch number: 07351A53A
Trifluorotoluene-F

5237715	80
5237716	76
5237717	81
5237718	78
Blank	81
LCS	87
LCSD	87
MS	88
Limits:	63-135

Analysis Name: EPA SW846/8260 (soil)
Batch number: A073521AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5237721	90	85	97	93
Blank	91	90	94	93
LCS	92	90	96	95
LCSD	90	87	95	92
MS	90	83	97	91
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (soil)
Batch number: B073521AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5237720	86	80	100	103
5237722	90	88	102	86
Blank	90	88	101	88
LCS	91	89	102	90

*- 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 Group Number: 1069931
Reported: 01/03/08 at 03:39 PM

Surrogate Quality Control

LCSD	89	88	103	90
MS	91	94	101	92
Limits:	71-114	70-109	70-123	70-111

Analysis Name: EPA SW846/8260 (water)
Batch number: N073541AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5237717	101	94	105	99
5237718	99	95	104	99
5237719	101	96	103	97
Blank	100	93	105	99
LCS	100	96	107	101
MS	102	96	106	101
MSD	101	92	106	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: EPA SW846/8260 (water)
Batch number: W073581AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5237715	90	91	95	91
Blank	92	95	94	91
LCS	95	98	95	93
MS	95	99	95	94
MSD	95	96	95	92
Limits:	80-116	77-113	80-113	78-113

Analysis Name: EPA SW846/8260 (water)
Batch number: W073611AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5237716	94	96	94	91
Blank	94	96	94	90
LCS	94	97	97	94
LCSD	95	99	96	93
MS	96	96	96	93
Limits:	80-116	77-113	80-113	78-113

*- 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

Lancaster Laboratories

For Lancaster Labs Use ONLY Acct. #: 12258 Group # 1069931 Sample#: 5237715-22 SCR#: _____

009219

Site #: 2705443 AOC#: _____

Site City: San Leandro State: CA

Enfos PO#: _____

ConocoPhillips PM: Mex-Boone

Samplers Name: Nathan Christman

Sample Identification	Date Collected	Time Collected	Grab	Composite	Matrix: Soil	Matrix: Water	Matrix: Oil	Matrix: Potable	Matrix: NPDES	Matrix: Air	TPHd 8015M	TPHg/BTEX 8260B	Oxygenates 8260B	Ethanol 8260B	HVOCs 8260B	Remarks
B1	121107	0833	X			X					X	X	X	X	X	
B2	121307	1305	X			X					X	X	X	X	X	
B3	121107	1005	X			X					X	X	X	X	X	
Duplicate	121307	—	X			X					X	X	X	X	X	
Trip Blank	121307	1200	X			X						X	X	X	X	
B1-8	121307	0826	X		X						X	X	X	X	X	
B2-10	121307	1235	X		X						X	X	X	X	X	
B3-10	121107	0957	X		X						X	X	X	X	X	

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

Preservation Codes

Preservative Codes: H = HCl, T = Thiosulfate, N = HNO_3, B = NaOH, S = H_2SO_4, O = Other

Consultant Information: ATC Associates Inc.

Office City: Modesto State: CA

Project Manager: Dave Evans / Wayne Marie

Phone Number: 209-579-7221 Fax: 209-579-7225

Email: _____

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
Nathan Christman	121407	1430	FedEx	121407	1430
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Katie Hartman	12/15	09:40

Relinquished by Commercial Carrier:

UPS_____ FedEx _____ Other_____

Temperature Upon Receipt 3.0 C°

Lancaster Laboratories, Inc., 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 (717) 656-2300

Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client.

4531.02

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 limit of quantitation, 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

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike amount not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

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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