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Alameda County
Environmental Health

ConocoPhillips
76 Broadway
Sacramento, California 95818

October 15, 2008

Barbara Jakub
Alameda County Health Agency
1131 Harbor Bay parkway, Suite250
Alameda, California 94502-577

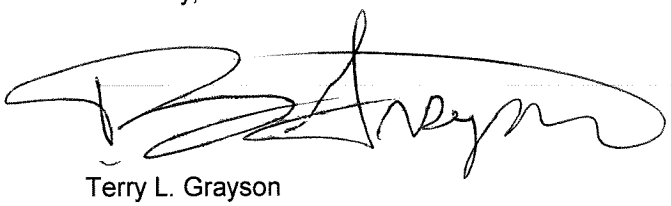
Re: ***Site Additional Assessment Report***
Former 76 Service Station # 7124 RO # 2444
10151 International Blvd.
Oakland, CA

Dear Ms. Jakub:

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely,



Terry L. Grayson
Site Manager
Risk Management & Remediation

Stantec Consulting Corporation
3017 Kilgore Road Suite 100
Rancho Cordova CA 95670
Tel: (916) 861-0400
Fax: (916) 861-0430

Additional Assessment Report

Former 76 Service Station No. 7124
10151 International Blvd.
Oakland, California

Stantec Project No.:
77CP.01634.44.1222

Submitted to:
Ms. Barbara Jakub
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Oakland, California 94502

Submitted by:
Stantec Consulting Corporation
3017 Kilgore Road, Suite 100
Rancho Cordova, California 95670
916-861-0400

Prepared on behalf of:
ConocoPhillips Company
Mr. Terry Grayson
Site Manager
76 Broadway
Sacramento, California 95818

October 15, 2008

Note: Confidential information presented in Appendix C to be removed from all copies available for public viewing.

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1.0 INTRODUCTION

Stantec Consulting Corporation (Stantec) has prepared this report on behalf of ConocoPhillips to document additional assessment activities associated with Former 76 Service Station No. 7124, located at 10151 International Boulevard, Oakland, California (Figures 1 and 2). The objective of this work was to complete delineation of hydrocarbons adsorbed to soil and dissolved in groundwater beneath the site.

The original scope of work consisted of installing two on-site and three off-site monitoring wells, as outlined in SECOR International Incorporated's (SECOR [now Stantec]) *Work Plan for Additional Site Assessment*, dated May 21, 2008. The scope of work was rejected in an Alameda County Environmental Health Services (ACEHS) letter dated June 5, 2008 (Appendix A). The revised scope of work, consisting of advancing two on-site and five off-site soil borings, as outlined in Stantec's *Work Plan Addendum for Additional Site Assessment*, dated July 7, 2008, was approved in an ACEHS letter dated July 31, 2008 (Appendix A).

This report and its attachments contain well locations and construction details obtained from water well driller's reports filed with the Department of Water Resources (DWR). California Water Code Section 13752 states that these reports are confidential and not for public use or inspection. Therefore, this report and/or its attachments should not be placed in files accessible to the public and should remain confidential.

2.0 SITE HISTORY

2.1 SITE DESCRIPTION

The site is currently an active Royal Gasoline Station located on the northwest corner of the intersection of International Boulevard and 102nd Avenue in Oakland, California. Site facilities include three underground storage tanks (USTs) and associated piping and fuel dispensers.

2.2 PREVIOUS INVESTIGATIONS

On March 22, 2000, SECOR supervised the removal and replacement of product lines and dispensers by Balch Petroleum of Milpitas, California. Soil samples collected from beneath the dispensers and product lines revealed the presence of total petroleum hydrocarbons as gasoline (TPHg) at a maximum concentration of 6,200 milligrams per kilogram (mg/kg), methyl tertiary butyl ether (MTBE) up to120 mg/kg, and benzene up to 7.4 mg/kg. Excavation and sampling activities were observed and approved by Inspector Gomez of the City of Oakland Fire Services Agency.

On March 27, 2000, SECOR observed the over-excavation of approximately 60 cubic yards of soil from the beneath those portions of the dispensers and product lines where soil samples with elevated concentrations of petroleum hydrocarbons were located. Areas measuring approximately 8-10 feet long by 8-10 feet wide were over-excavated to an approximate depth of 8 feet below ground surface (bgs) in each of these areas. Additional over-excavation in these areas was not possible due to their proximity to the footings of the service station canopy. TPHg was detected in two of the three samples at a concentration of 108 mg/kg; benzene was detected in one of the three samples at 0.162 mg/kg; and MTBE was detected in all three samples at maximum concentrations of up to 43.8 mg/kg. Lead was not detected at or above laboratory reporting limits in any samples.

During February 2002, SECOR supervised the installation of four on-site groundwater monitoring wells (MW-1 through MW-4). Prior to well installation, all borings were advanced to 26.5 feet bgs, and subsurface soil samples were collected every five feet. Soil samples were analyzed for gasoline range organics (GRO), benzene, toluene, ethylbenzene, total xylenes (BTEX), and fuel oxygenates via EPA Method 8260B. The maximum reported concentrations were 42 mg/kg GRO, 0.36 mg/kg ethylbenzene, 0.26 mg/kg xylenes, and 1.2 mg/kg MTBE.

2.3 GEOLOGY AND HYDROGEOLOGY

As shown in the United States Geological Survey (USGS) *Geologic Map and Map Database of the Oakland Metropolitan Area, Alameda, Contra Costa, and San Francisco Counties, California*, prepared in 2000, the site is underlain by Holocene-aged natural levee deposits, which overlie Holocene-aged alluvial fan and fluvial deposits. Based on the assessment activities performed by Stantec in September 2008, the subsurface at the site generally consists of silty sands to depths of 5 to 7 feet bgs, with a clay layer generally being encountered beneath the sand layer to a depth of 12 to 15 feet bgs. Below this clay layer, the subsurface generally consists of interbedded silt and clay layers with occasional sand layers with thicknesses of up to three feet being observed. Copies of the bore logs are included in Appendix B.

As outlined in the California Department of Water Resources (DWR) 2003 *California Groundwater: Bulletin 118*, the site lies within the East Bay Plain Subbasin of the Santa Clara Valley Groundwater Basin. The East Bay Plain Subbasin is a northwest trending alluvial plain of Quaternary Age bounded on the north by San Pablo Bay, on the east by the contact with Franciscan Basement rock, on the south by the Niles Cone Groundwater Basin. The East Bay Plain Subbasin extends beneath San Francisco Bay to the west.

2.4 SITE REMEDIATION

No active remediation has been performed at the site.

2.5 SENSITIVE RECEPTORS

During the third quarter of 2004, SECOR completed a ½-mile radius agency receptor survey and obtained an Environmental Data Resources Incorportated (EDR) radius map for the site. The agency survey identified two industrial supply wells, three cathodic protection wells, and two wells of unknown type within the search radius. The survey also identified twelve wells of unknown type that could not be located precisely because the records on file with DWR did not include this information. These wells may or may not be located within the search radius. The EDR radius map did not identify any water supply wells within the search radius, but did identify two water supply wells within one mile of the site.

During the third quarter of 2008, Stantec contacted the DWR to obtain copies of all well completion reports for wells located within 0.25-mile of the site. Copies of well completion reports provided by the DWR are included in Appendix C. Stantec reviewed these well completion reports and determined that monitoring and vapor extraction wells associated with two sites are located within 0.25-mile of the site; the locations of which are shown on Figure 3. One monitoring well is located approximately 650 feet south-southeast of the site (cross-gradient), while six monitoring wells and two vapor extraction wells are located approximately 1,150 feet north-northwest of the site (cross-gradient). No domestic or industrial supply wells or irrigation wells were located within 0.25-mile of the site. Table 1 in Appendix C summarizes the location of all wells documented in well completion reports provided to Stantec by the DWR.

As requested in the June 5, 2008 ACEHS correspondence (Appendix A), Stantec performed a utility survey at the site. The survey was conducted by having Underground Services Alert (USA) mark the site for utilities. Stantec staff subsequently hired a private utility locator to confirm utility locations and attempt to locate any potential utilities not marked by USA. Locations of the utilities are shown on Figure 4. Based on depth to groundwater (generally 15 to 20 feet bgs) and observed dissolved-phase hydrocarbon distribution, Stantec does not feel the utility trenches represent likely preferential pathways, and accordingly, did not determine the depths of the utility trenches.

3.0 SCOPE OF WORK AND RESULTS

The scope of work included the advancement of two-onsite and five off-site soil borings, SB-1 through SB-7, at the site. The completed scope of work is discussed below:

3.1 SITE HEALTH AND SAFETY PLAN

As required by the Occupational Safety and Health Administration (OSHA) Standard "Hazardous Waste Operations and Emergency Response" guidelines (29 CFR 1910.120), and by the California OSHA (Cal-OSHA) "Hazardous Waste Operations and Emergency Response" guidelines (CCR Title 8, Section 5192), Stantec updated the current site-specific Health and Safety Plan (HASP) prior to the commencement of fieldwork. The HASP was reviewed by field staff and contractors before beginning field operations, and was in the possession of Stantec personnel while conducting work activities at the site.

3.2 PERMITTING

A soil boring permit was obtained from the Alameda County Public Works Department prior to the advancement of the soil borings. A copy of the well permit is included in Appendix D.

3.3 SUBSURFACE UTILITY CLEARANCE

Prior to initiating field activities, Stantec marked the boring locations, contacted USA a minimum of 48 hours prior to the initiation of field work, and contracted a private utility locator to determine that the proposed boring locations were clear of potential subsurface obstructions. In addition, the borings were hand cleared to 5 feet bgs before machine drilling began. A Stantec borehole checklist was also completed to ensure that borehole locations were cleared of possible safety hazards.

3.4 SOIL BORING ACTIVITIES

On September 3 through 5, 2008, Stantec oversaw the drilling of boreholes SB-1 through SB-7 by Test America Drilling Corporation (TestAmerica). The soil borings were drilled using direct-push drilling equipment to maximum depths ranging from 30 to 40 feet bgs. After the boreholes were advanced to the desired depth, a temporary PVC casing was inserted through the drill rod, the drill rod was removed, and grab groundwater samples were collected. After the water samples were collected, the boreholes were grouted to ground surface using the temporary well casing as a tremmie pipe. Field procedures are described in Appendix E.

The boreholes were logged by Stantec staff under the direction of a California-licensed Professional Geologist, using the Unified Soil Classification System and standard geologic techniques, and were recorded onto boring logs (Appendix B). The boreholes were continuously cored for lithologic determination. Soil samples were collected at minimum five-foot intervals for chemical analysis. The soil samples were collected in acetate sleeves and capped with Teflon-lined end caps. The samples were then placed on ice and transported back to the local Stantec office and stored in a dedicated sample refrigerator, pending pickup by a laboratory-contracted courier.

3.5 GRAB GROUNDWATER SAMPLING

Grab groundwater samples were collected from boreholes SB-1 through SB-7 using clean, unused polyethylene bailers. The groundwater samples were collected in 40 mL glass VOAs, preserved with hydrochloric acid. The samples were then placed on ice and transported back to the local Stantec office and stored in a dedicated sample refrigerator, pending pickup by a laboratory-contracted courier.

3.6 INVESTIGATION DERIVED WASTE

Soil cuttings and decontamination rinsate water generated during the well installation activities were stored in Department of Transportation (DOT) approved 55-gallon capacity steel drums. The drums were staged onsite pending laboratory characterization as non-hazardous waste. Belshire Environmental Services Inc. (BESI) of Foothill Ranch, California was contracted to transport the drums to their licensed facility pending disposal. Waste disposal manifests will be provided under separate cover.

4.0 FINDINGS

4.1 SUB-SURFACE CONDITIONS

Based on the additional assessment activities performed by Stantec in September 2008, the subsurface generally consists of silty sands to depths of 5 to 7 feet bgs, with a clay layer generally being encountered beneath the sand layer to a depth of 12 to 15 feet bgs. Below this clay layer, the subsurface generally consists of interbedded silt and clay layers with occasional sand layers with thicknesses of up to three feet being observed. Copies of the bore logs are included in Appendix B. New cross-sections incorporating data obtained during the September 2008 site assessment activities are presented as Figures 5 through 7.

4.2 ANALYTICAL RESULTS

4.2.1 Soil and Groundwater Data

Soil and groundwater samples were submitted to BC Laboratories on September 5, 2008, for chemical analysis. The soil and groundwater samples were analyzed for total purgeable petroleum hydrocarbons (TPPH [gasoline]), BTEX, fuel oxygenates MTBE, tert-butyl alcohol (TBA), diisopropyl ether (DIPE), tert-amyl methyl ether (TAME), ethyl tert-butyl ether (ETBE), and ethanol, and lead scavengers 1,2-dibromoethane (EDB) and 1,2-dichloroethane (1,2-DCA). Selected soil samples were also analyzed for total lead for waste disposal purposes only.

Results of soil sampling indicate MTBE and TBA in soil collected from boring SB-1 at a depth of 15 feet bgs at concentrations (0.062 mg/kg and 0.15 mg/kg, respectively) exceeding their respective California Regional Water Quality Control Board – San Francisco Bay Region (CRWQCB-SFBR) Environmental Screening Limits (ESLs) for residential land use. No other analytes exceeded their respective CRWQCB-SFBR ESLs in any of the soil samples collected.

When compared to their respective CRWQCB-SFBR ESLs for groundwater that is a current or potential drinking water resource, multiple ESLs were exceeded in the groundwater samples collected. TPPH was reported in groundwater samples collected from SB-2 through SB-4 at concentrations ranging from 480 micrograms per liter (µg/L) to 45,000 µg/L, in excess of the ESL of 100 µg/L. MTBE was detected in groundwater samples collected from SB-4 and SB-5 at concentrations of 62 µg/L and 25µg/L, respectively, in excess of the ESL of 5.0 µg/L. TBA was detected in SB-5 at a concentration of 120 µg/L, in excess of the ESL of 12 µg/L. No other analytes were detected at concentrations exceeding their respective CRWQCB-SFBR ESLs. It should be noted however, that due to elevated detection levels for the groundwater samples collected from SB-2 and SB-4, benzene and TBA were reported as “non-detect” but may still be present at concentrations exceeding their respective ESLs.

Soil and groundwater analytical data are summarized in Tables 1 and 2. Copies of the certified laboratory analytical reports are included in Appendix F.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the soil and groundwater data from the soil borings, remaining hydrocarbon impact is primarily restricted to groundwater beneath the site. The groundwater analytical data indicates additional down-gradient assessment is needed in the vicinity of soil borings SB-2 through SB-5.

Due to the elevated hydrocarbon concentrations in soil boring SB-4 (45,000 ug/L TPPH), Stantec recommends performing a soil gas survey utilizing two sampling points on the southeast side of Abe's Lotto Liquors, as shown on Figure 8. Additionally, Stantec recommends installing seven hydrogen peroxide injection wells at the locations shown on Figure 8. Stantec expects hydrogen peroxide injection activities to be effective at remediation of dissolved-phase hydrocarbons found beneath the site. Hydrogen peroxide injection activities also have the added benefit of not requiring above-ground remedial equipment to be installed at the site.

Stantec also proposes the installation of five monitoring wells at the locations shown on Figure 8. As outlined in ACEH correspondence dated July 31, 2008 (Appendix A), the ACEH requests monitoring wells to have a maximum well screen of four feet. Stantec does not feel this request to be feasible, as historical groundwater elevations, as documented during quarterly monitoring and sampling events, has fluctuated approximately 5 feet. So as to not have the wells go dry when groundwater elevations have dropped, and not flooding the well screens (which may lead to inaccurate observed hydrocarbon concentrations) when groundwater elevations rise, Stantec will propose installing the wells with 10 feet of well screen. Stantec feels that multiple-completion wells installed in a common borehole would not mitigate concerns presented by the ACEH, as the sand packs for the well screens that would be proposed, would still experience hydraulic communication.

Pending regulatory concurrence, Stantec will prepare a work plan for the installation of temporary soil vapor sampling points, hydrogen peroxide injection wells and additional monitoring wells, and the performance of a hydrogen peroxide injection pilot test.

6.0 LIMITATIONS

This report has been prepared for the exclusive use of ConocoPhillips and its representatives as it pertains to the property located at 10151 International Boulevard, Oakland, California. The evaluation of subsurface conditions at the site for the purpose of this investigation is inherently limited due to the number of points of investigation. There are no representations, warranties, or guarantees that the results are representative of the entire site. Data from this report reflects the conditions at locations at a specified time. No other interpretation, representations, warranties, guarantees, express or implied, are included or intended in the report findings. Stantec makes no warranties or guarantees for exploratory borings or data provided or reported by other consultants or contractors.

If you have any questions regarding this report, please feel free to contact Benjamin Chevlen at (916) 861-0400 extension 289.

Sincerely,

Stantec Consulting Corporation

for

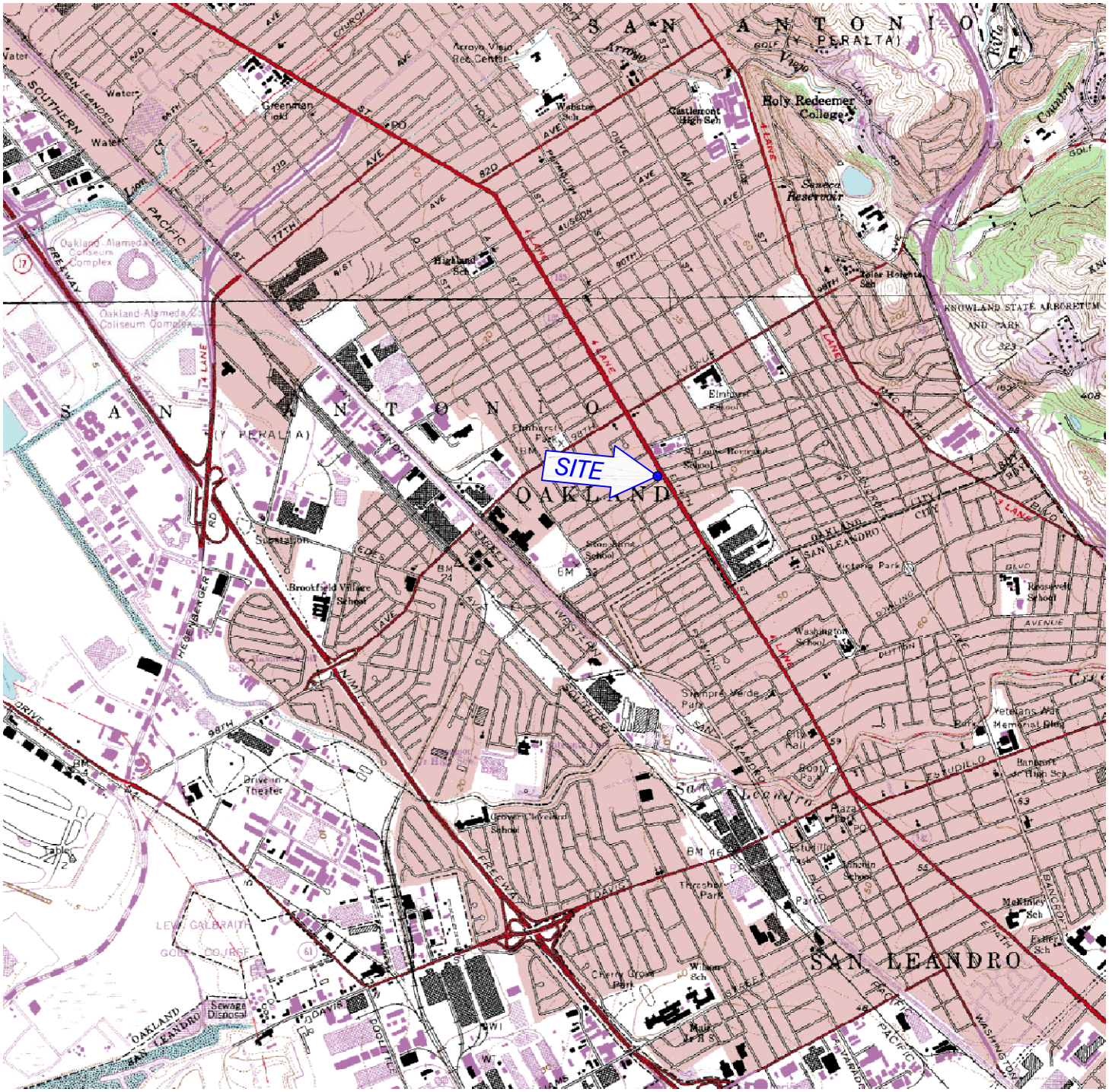
Ed Simonis, P.G.
Senior Geologist

Benjamin Chevlen, P.G.
Associate Geologist

PROFESSIONAL GEOLOGIST
BENJAMIN
CHEVLEN
No. 8471
Exp. 06/30/10
STATE OF CALIFORNIA

cc: Mr. Terry Grayson, ConocoPhillips

FIGURES



REFERENCE: USGS 7.5 MINUTE QUADRANGLE, OAKLAND, CALIFORNIA

Stantec	FOR: FORMER 76 STATION NO. 7124 10151 INTERNATIONAL BLVD. OAKLAND, CALIFORNIA	**SITE LOCATION**			FIGURE: **1**
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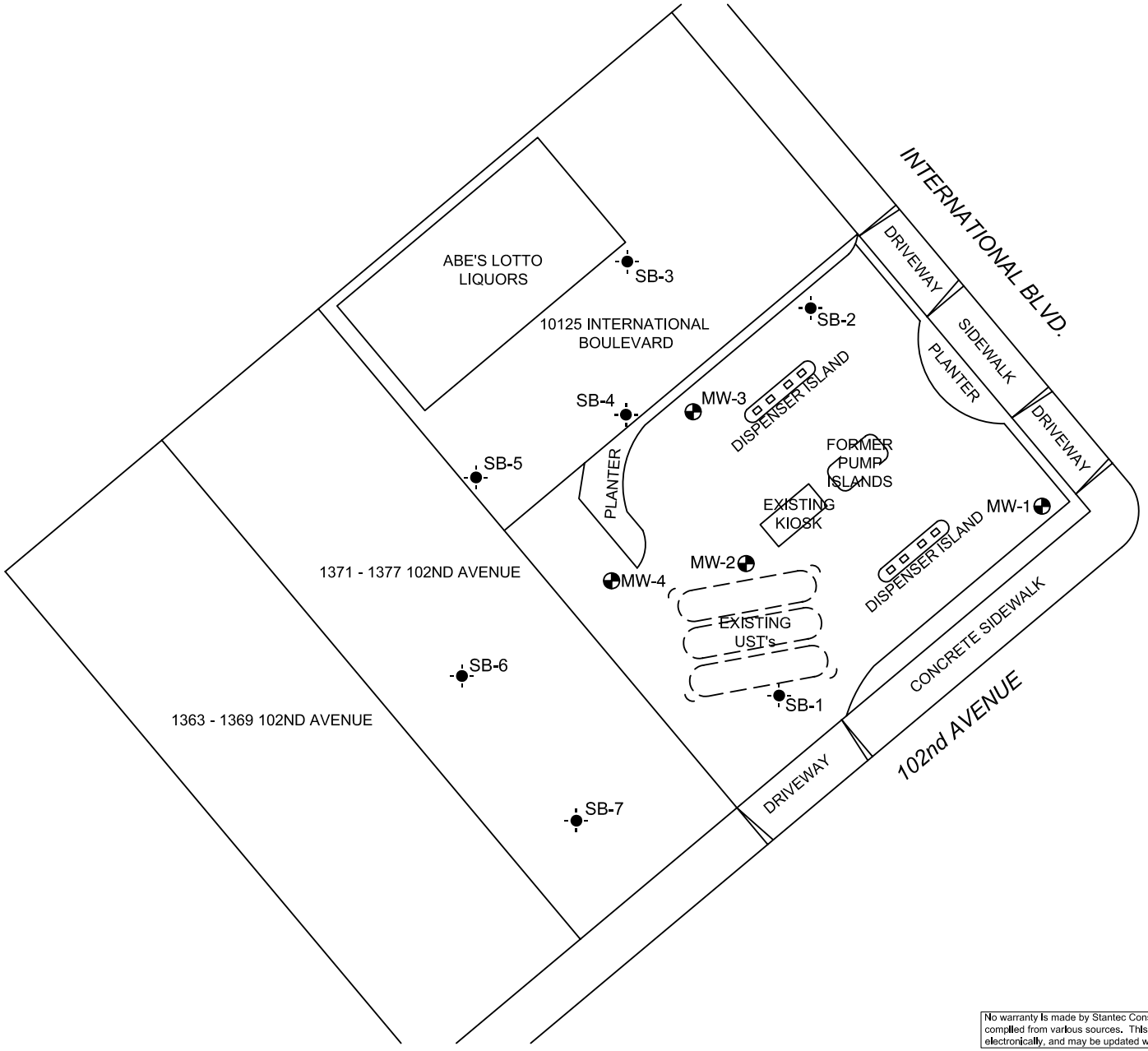

LEGEND:

MW-1 GROUNDWATER MONITORING WELL LOCATIONS

SB-1 SOIL BORING LOCATIONS

N

0 40 80

APPROXIMATE SCALE IN FEET

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FORMER 76
STATION NO. 7124
10151 INTERNATIONAL BLVD.
OAKLAND, CALIFORNIA

SITE PLAN

FIGURE: **2**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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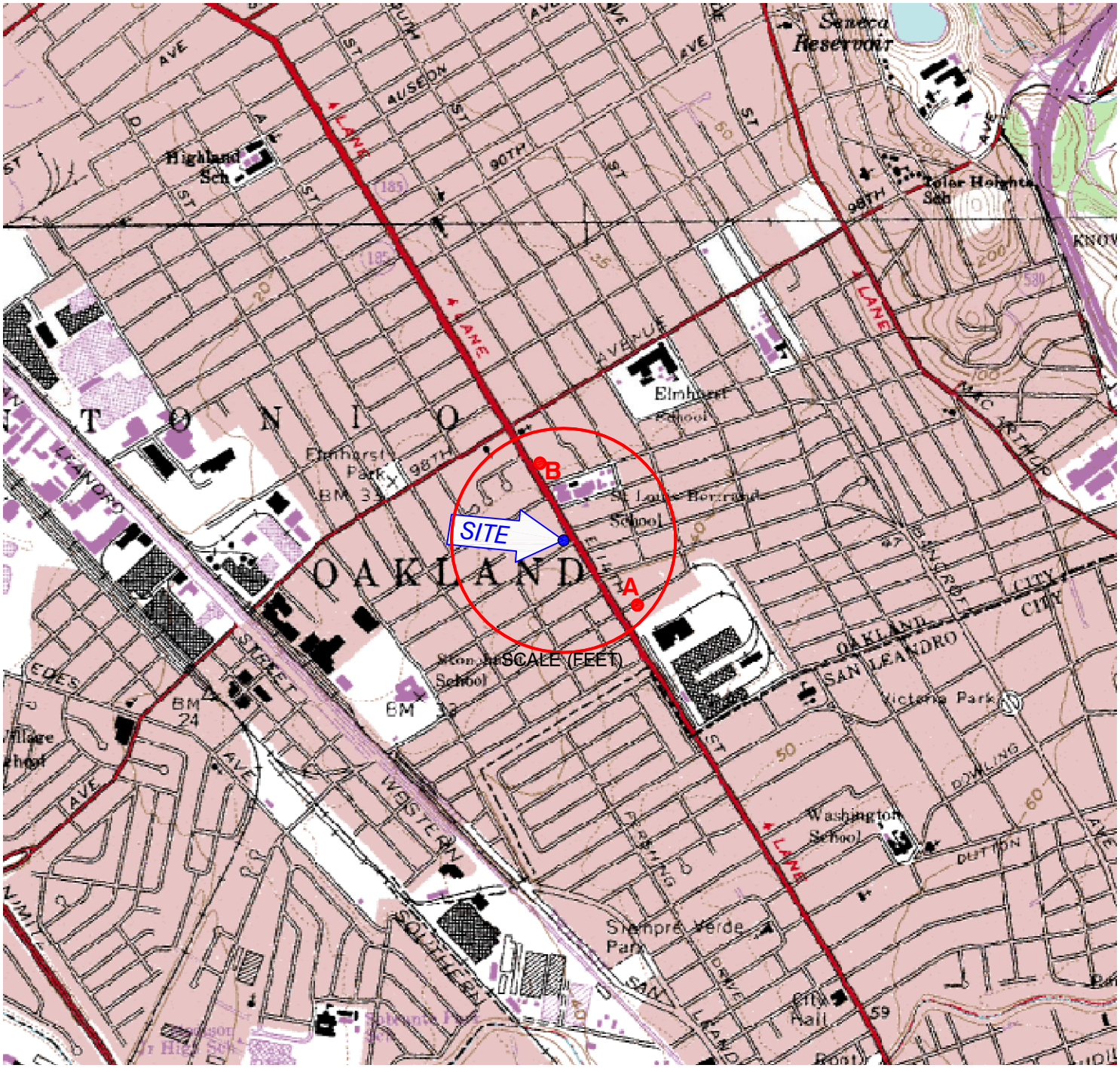

LEGEND:

A 1 MONITORING WELL
B 6 MONITORING WELLS + 2 VAPOR EXTRACTION WELLS

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, OAKLAND, CALIFORNIA

Stantec	FOR: FORMER 76 STATION NO. 7124 10151 INTERNATIONAL BLVD. OAKLAND, CALIFORNIA	**0.25 - MILE RADIUS WELL SURVEY**		FIGURE: **3**
	JOB NUMBER: 77CP.01634.41	DRAWN BY: STA/DWR	CHECKED BY: BC	APPROVED BY: TP	DATE: 05/19/08

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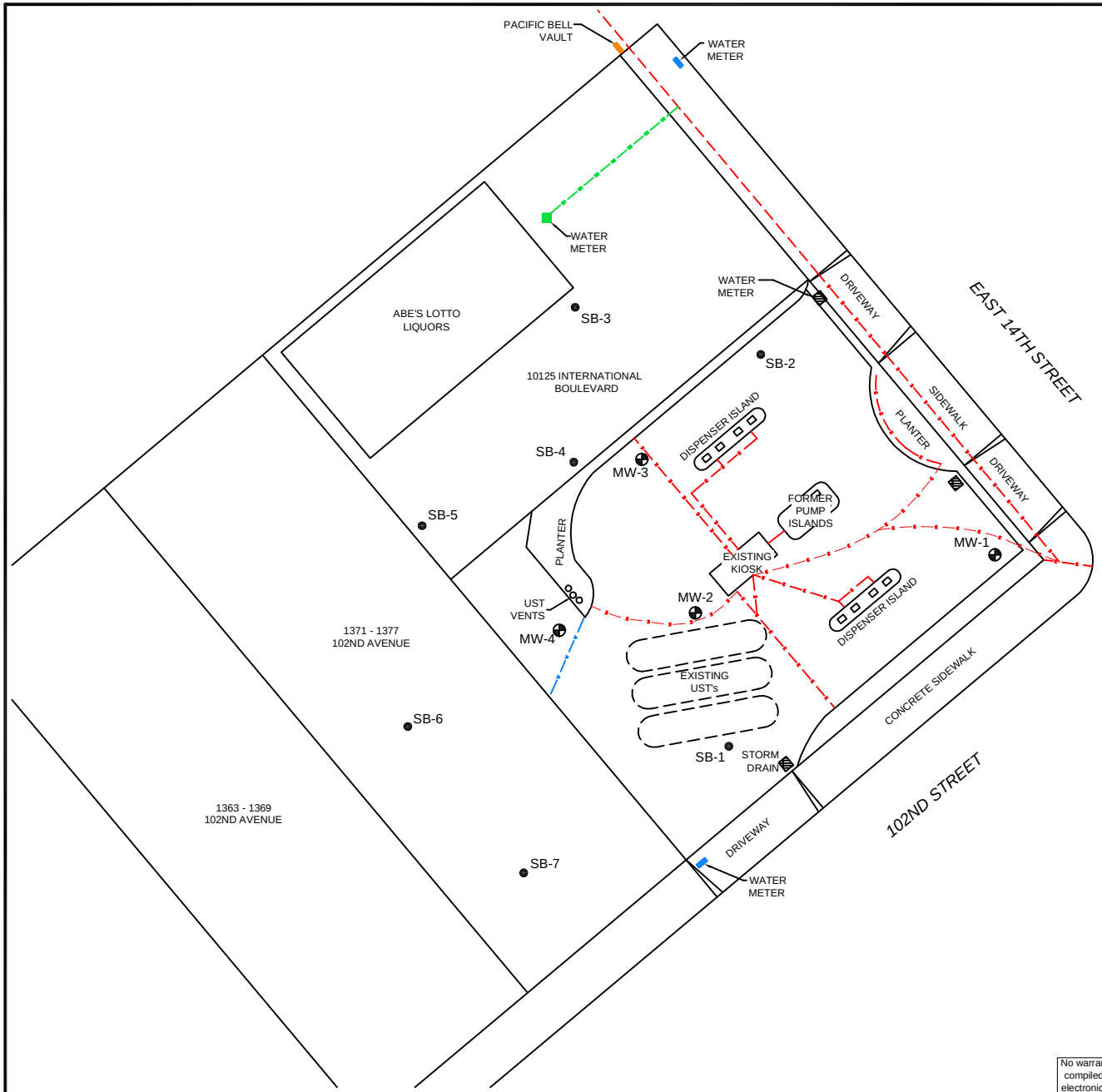

LEGEND:

- MW-1 GROUNDWATER MONITORING WELL
- SB-1 SOIL BORING LOCATIONS
- STORM DRAIN
- SEWER CLEANOUT
- ELECTRICAL LINE
- PACIFIC BELL VAULT
- WATER METER
- WATER LINE

N

0 40 80

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FOR:
FORMER 76
STATION NO. 7124
10151 EAST 14TH STREET
OAKLAND, CALIFORNIA

SITE PLAN WITH UTILITIES

FIGURE: 4

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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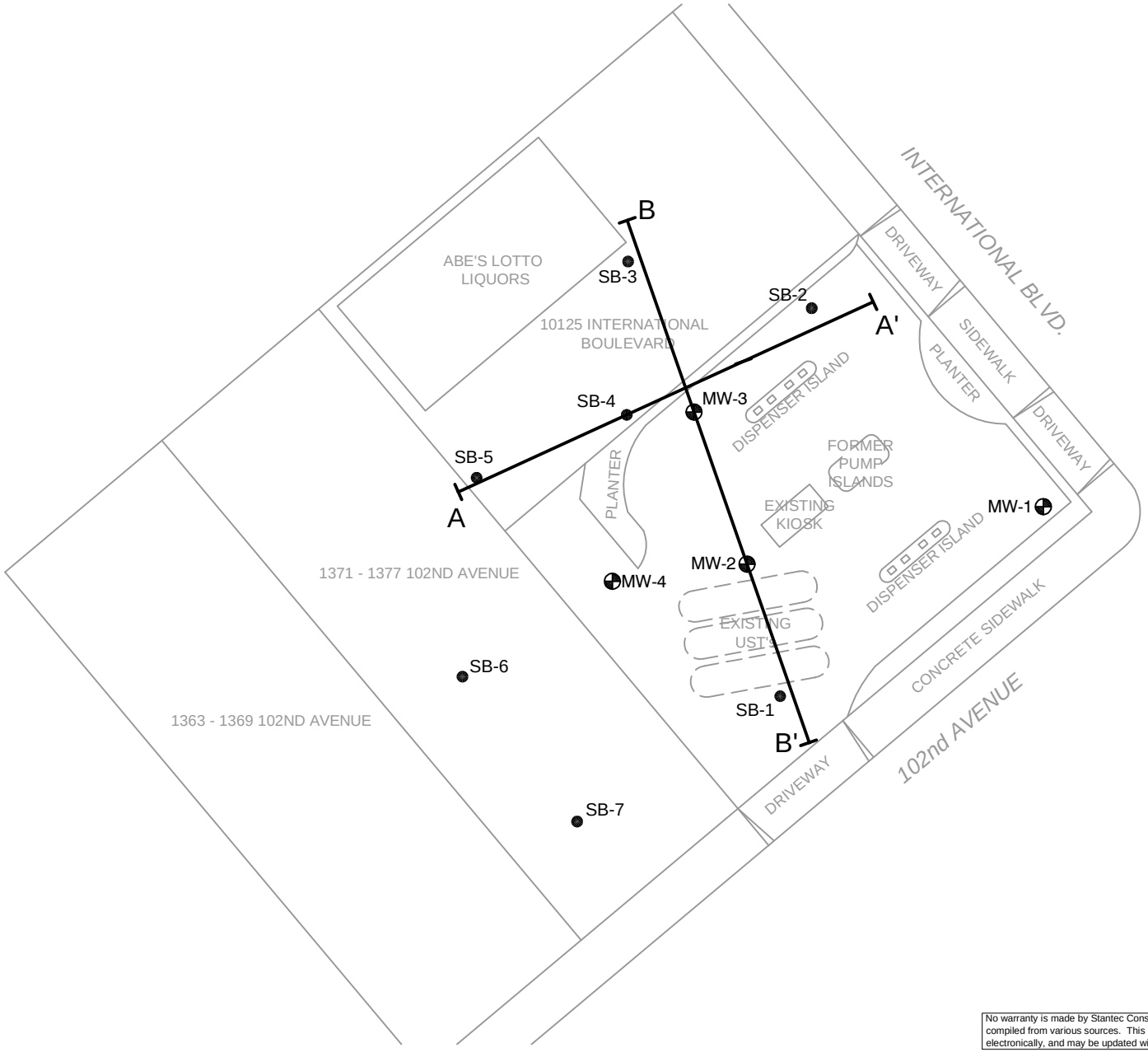

LEGEND:

MW-1 ⊕ GROUNDWATER MONITORING WELL

SB-1 ● SOIL BORING LOCATIONS

N

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APPROXIMATE SCALE IN FEET

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FIGURE:
FORMER 76
STATION NO. 7124
10151 INTERNATIONAL BLVD.
OAKLAND, CALIFORNIA

SITE PLAN WITH GEOLOGIC TRANSECTS

FIGURE: **5**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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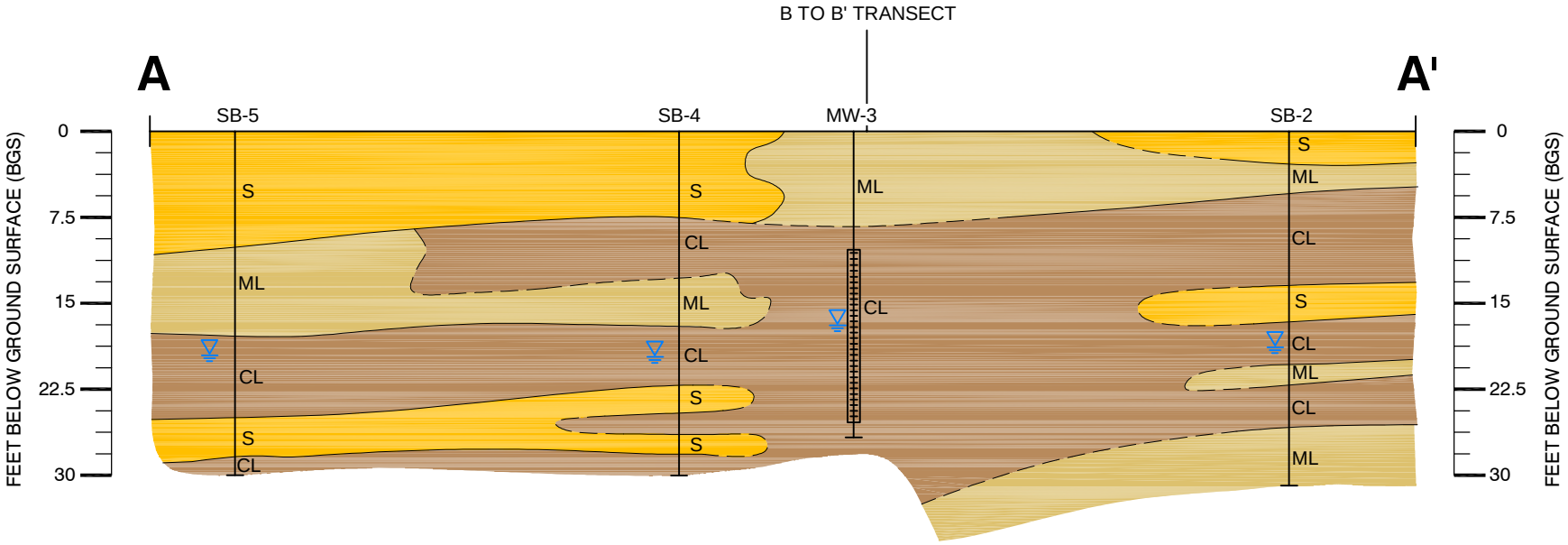
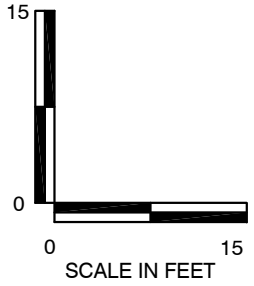
FILEPATH:M:\ConocoPhillips\7124\FIG5-7124-XSECT-LINES.dwg | Layout Tab: Layout1 | Drafter: droy | Oct 02, 2008 at 17:04





LEGEND:

- INTERPRETED SOIL STRATIGRAPHIC BOUNDARY
- BGS BELOW GROUND SURFACE
- SCREENED INTERVAL FOR MONITORING WELLS
- SAND (S)
- SILTY (ML)
- CLAY (CL)
- FILL
- WATER LEVEL ENCOUNTERED DURING DRILLING

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FIGURE:		FIGURE:
FORMER 76 STATION NO. 7124 10151 INTERNATIONAL BLVD. OAKLAND, CALIFORNIA	**GENERALIZED GEOLOGIC CROSS-SECTION A-A'**	**6**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
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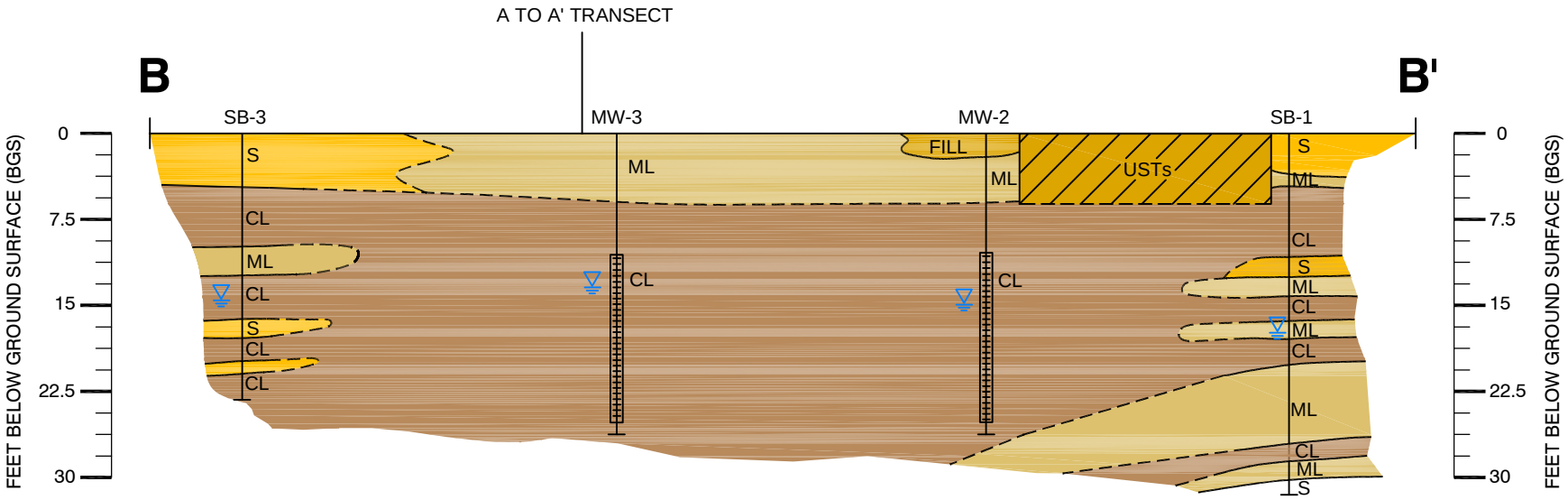

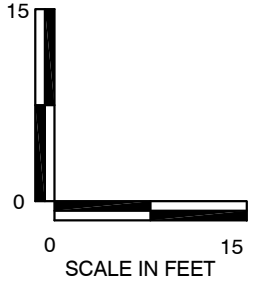

LEGEND:

- INTERPRETED SOIL STRATIGRAPHIC BOUNDARY
- BGS BELOW GROUND SURFACE
- SCREENED INTERVAL FOR MONITORING WELLS
- SAND (S)
- SILTY (ML)
- CLAY (CL)
- FILL
- WATER LEVEL ENCOUNTERED DURING DRILLING

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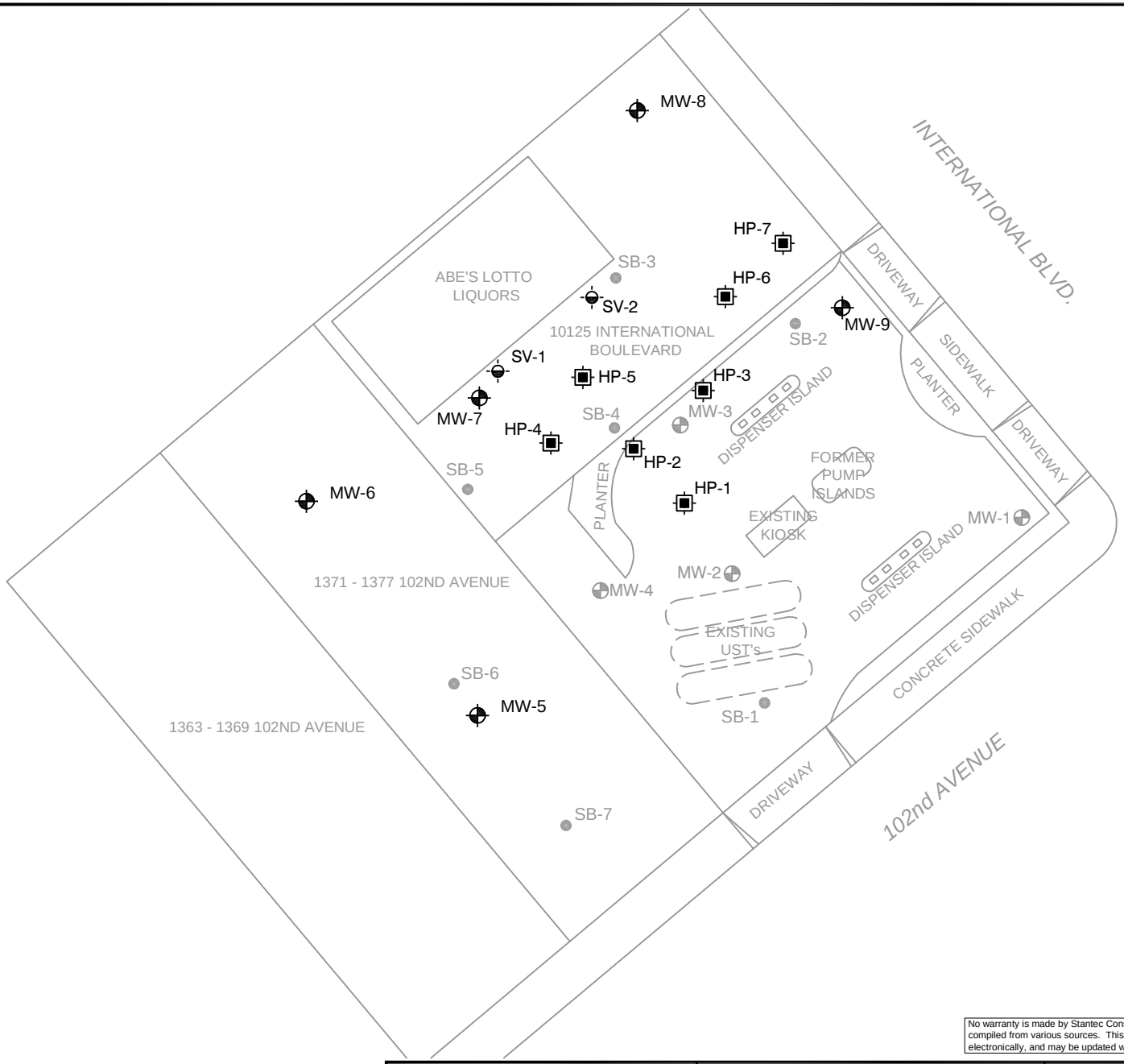
FIGURE:
FORMER 76
STATION NO. 7124
10151 INTERNATIONAL BLVD.
OAKLAND, CALIFORNIA

GENERALIZED GEOLOGIC CROSS-SECTION B-B'

FIGURE: **7**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01634.41	DWR	BC	RB	10/02/08



LEGEND:

- MW-1 — GROUNDWATER MONITORING WELL LOCATION
- SB-1 — SOIL BORING LOCATIONS
- HP-1 — PROPOSED HYDROGEN PEROXIDE INJECTION WELL LOCATION
- MW-5 — PROPOSED GROUNDWATER MONITORING WELL LOCATION
- SV-1 — PROPOSED TEMPORARY SOIL VAPOR PROBE LOCATION

N

0 40 80

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FIGURE:
FORMER 76
STATION NO. 7124
10151 INTERNATIONAL BLVD.
OAKLAND, CALIFORNIA

SITE PLAN WITH PROPOSED WELL LOCATIONS

FIGURE: **8**

JOB NUMBER:	DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
77CP.01634.41	DWR	BC	RB	10/01/08

FILEPATH:M:\ConocoPhillips\7124\FIG8-7124-PROPOSED.dwg | Layout Tab: Layout1 | Drafter: droy | Oct 13, 2008 at 13:55

TABLES

Table 1
Soil Analytical Results

Former 76 Service Station No. 7124
10151 International Boulevard
Oakland, California

Soil Boring	Sample Depth (feet)	Date Sampled	TPPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	MTBE* (mg/kg)	TBA* (mg/kg)
Residential ESL			83	0.044	2.9	2.3	2.3	0.023	0.075
SB-1	5	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	10	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	15	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	**0.062**	**0.15**
	20	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	25	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	30	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	35	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	40	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
SB-2	5	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	10	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	15	9/3/2008	0.30	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	20	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	21.5	9/3/2008	7.0	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	25	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	30	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
SB-3	5	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	10	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	15	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	20	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	25	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
SB-4	5	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	10	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	15	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	19	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	28	9/3/2008	4.6	<0.025	<0.025	<0.025	<0.050	<0.025	<0.25
	29.5	9/3/2008	1.1	<0.0050	<0.0050	<0.0050	<0.010	0.011	<0.050
SB-5	5	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	10	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	15	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	20	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	25	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	30	9/3/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
SB-6	5	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	10	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	15	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	20	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	25	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	30	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	32	9/5/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
SB-7	5	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	10	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	15	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	20	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	25	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050
	30	9/4/2008	<0.20	<0.0050	<0.0050	<0.0050	<0.010	<0.0050	<0.050

Explanations:
TPPH = Total purgeable petroleum hydrocarbons (gasoline)
MTBE = Methyl tert-butyl ether
mg/kg = Milligrams per kilogram
< = Not detected at or above laboratory reporting limits
* = Analyzed for fuel oxygenates diisopropyl ether, tert-amyl methyl ether, ethyl tert-butyl ether, and ethanol, and lead scavengers 1,2-dibromoethane and 1,2-dichloroethane, and were reported as not detected.
Residential ESL = California Regional Water Quality Control Board - Region 2 Environmental Screening Level for residential land use soil.

Table 2
Groundwater Analytical Results

Former 76 Service Station No. 7124
10151 International Boulevard
Oakland, California

Soil Boring	Date Sampled	TPPH (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	MTBE* (µg/L)	TBA* (µg/L)
	ESL	100	1.0	40	30	20	5.0	12
SB-1	9/5/2008	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10
SB-2	9/4/2008	**3,400**	**<5.0**	<5.0	<5.0	<10	<5.0	**<100**
SB-3	9/4/2008	**480**	<0.50	<0.50	<0.50	<1.0	<0.50	<10
SB-4	9/3/2008	**45,000**	**<12**	<12	<12	**<25**	**62**	**<250**
SB-5	9/3/2008	67	<0.50	<0.50	<0.50	<1.0	**25**	**120**
SB-6	9/5/2008	<50	<0.50	<0.50	<0.50	<1.0	2.0	<10
SB-7	9/4/2008	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10

Explanation:
TPPH = Total purgeable petroleum hydrocarbons (gasoline)
MTBE = Methyl tert-butyl ether
TBA = Tert-Butyl alcohol
ppb = parts per billion
< = Not detected at or above laboratory reporting limits
* = Analyzed for fuel oxygenates diisopropyl ether, tert-amyl methyl ether, ethyl tert-butyl ether, and ethanol, and lead scavengers 1,2-dibromoethane and 1,2-dichloroethane, and were reported as not detected.
ESL = California Regional Water Quality Control Board - Region 2 Environmental Screening Level for groundwater that is a current or portential drinking water resource.

APPENDIX A
REGULATORY CORRESPONDENCE

Additional Assessment Report
Circle K Store 7124
10151 International Blvd.
Oakland, California

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

June 5, 2008

Mr. Bill Borgh (Sent via electronic mail)
76 Broadway
Sacramento, CA 95818

Mr. Tony Banh and Monument Gas & Market
10151 International Blvd.
Oakland, CA 94603

Subject: Fuel Leak Case No. RO0002444 and Geotracker Global ID T0600173591, Unocal 7124, 10151 International Boulevard, Oakland, CA

Dear Mr. Borgh:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the documents entitled, *Workplan for Additional Off-Site Well Installation*, dated October 14, 2005, *Addendum to Workplan for Additional Off-Site Monitoring Well Installation* dated July 22, 2005 and *Work Plan for Additional Site Assessment* dated May 21, 2008, which replaces the two former work plans. The newest work plan recommends installing five monitoring wells. We concur with the proposed locations presented in your new work plan. However, we recommend that you fully define the horizontal and vertical extent of the soil and groundwater plumes by performing depth discrete sampling before installing wells and advance one boring downgradient of the dispensers to define the vertical extent of petroleum hydrocarbons and oxygenates in soil and groundwater. Also, we recommend that you install a monitoring network that allows collection of depth discrete samples, as discussed below.

The proposed work scope may be implemented provided that the modifications requested in the technical comments below are addressed and incorporated. We request that you provide an abbreviated work plan addendum that addresses our technical comments below.

TECHNICAL COMMENTS

1. **Lateral Soil and Groundwater Characterization.** Before installing permanent monitoring points, we recommend that you assess the lateral extent of the soil and groundwater plumes by advancing exploratory borings in your proposed boring locations. We request that soil samples be collected and analyzed at areas of obvious contamination, the soil/groundwater interface, at each lithology change, or at a minimum of five-foot intervals. We recommend that you obtain at least two soil samples that are below the detection limits to define the vertical extent of contamination in soil. We request that this boring be continuously cored to obtain lithologic information to locate your screen intervals and to add and update your previously submitted cross-sections.

Should you determine that you need to install downgradient monitoring wells after the initial part of your investigation, ACEH requests that you install depth discrete wells with a sand pack interval no longer than 2 to 5 feet. This may require that you install multiple wells or multichamber wells. Installing these depth discrete wells can help to define the plume depth and indicate which areas need remediation. Upon completing the borings and obtaining the analytical results, your proposed well construction depths, details and locations should be sent to ACEH for review. This can be completed by either including a work plan in the soil and water investigation (SWI) report requested below or submitted earlier with preliminary results for ACEH review.

2. **Vertical Soil and Groundwater Characterization.** Based on the results from the samples collected at depth hydraulically downgradient of the dispensers, hydrocarbons and oxygenates are present in the deepest soil samples. To investigate the vertical extent of the soil and groundwater plumes in this area, we request that you install a boring downgradient of the source area. We recommend that you obtain two clean soil samples at the bottom of each boring. Should you be unable to collect depth discrete soil samples, collecting a depth discrete groundwater sample that is below the detection limit should suffice. This may be completed by using a depth discrete sampling method such as dual-tube geoprobe, CPT or MIP. Please refer to the documents entitled American Petroleum Institute Publication No. 4699 dated February 2000; 'Expedited Site Assessment Tools for Underground Storage Tank Sites: A Guide for Regulators' (EPA 510-B-97-001), prepared by the U.S. Environmental Protection Agency (EPA), dated March 1997; and 'Guidelines for Investigation and Cleanup of MTBE and Other Ether-Based Oxygenates, Appendix C,' prepared by the State Water Resources Control Board, dated March 27, 2000 for recommended investigation methods. Please submit your site map showing the added boring location(s) and your proposal for the depth and method of your planned depth discrete sampling in the work plan addendum requested below.

3. **Regional Geologic and Hydrogeologic Setting.** The regional and local geologic and hydrogeologic setting must be understood in order to begin preparing a site conceptual model (SCM). Please include a concise narrative discussion of the regional geologic and hydrogeologic setting. Include a list of technical references you reviewed and update your geologic cross-sections. Ensure that one is parallel and the other, perpendicular to the plume axis. Include a concise discussion of the on-site geology, hydrogeology, release history, source zone, plume development and migration, attenuation mechanisms, preferential pathways, and potential threat to down-gradient and above-ground receptors (e.g. contaminant fate and transport). Please include the contaminant volatilization from the subsurface to indoor/outdoor air exposure route (i.e. vapor pathway) in the analysis in the SWI report requested below.

4. **Preferential Pathway Evaluation Survey.** The purpose of the preferential pathway study is to locate potential migration pathways and conduits and determine the probability of the NAPL and/or plume encountering preferential pathways and conduits that could spread contamination. We request that you perform a preferential pathway study that details the potential migration pathways and potential conduits (wells, utilities, pipelines, etc.) for vertical and lateral migration that may be present in the vicinity of the site.

Discuss your analysis and interpretation of the results of the preferential pathway study (including the detailed well survey and utility survey requested below) and report your results in the Soil and Water Investigation (SWI) requested below. The results of your study shall contain all information required by California Code of Regulations, Title 23, Division 3, Chapter 16, §2654(b).

a. Utility Survey

An evaluation of all utility lines and trenches (including sewers, storm drains, pipelines, trench backfill, etc.) within and near the site and plume area(s) is required as part of your study. Please include maps and cross-sections illustrating the location and depth of all utility lines and trenches within and near the site and plume areas(s) as part of your study.

b. Well Survey

The preferential pathway study includes a detailed well survey of all wells (monitoring and production wells: active, inactive, standby, decommissioned (sealed with concrete), abandoned (improperly decommissioned or lost); and dewatering, drainage, and cathodic protection wells) within a ¼ mile radius of the subject site. Your groundwater monitoring reports refer to a well survey that was performed for the site. ACEH files do not contain this report. Please upload this report to the ACEH ftp site for our review.

5. **Quarterly Monitoring Report Figures.** Please update the quarterly monitoring reports that were denied in Geotracker, as per previous e-mail notification. The North arrow has shifted on the maps from the July 2007 quarterly reports to present. Please resubmit the documents that were denied with the corrected figures and text relating to the groundwater flow direction and submit updated maps for the remaining reports that were not rejected. Include rose diagrams for depicting groundwater gradients. Plot the rose diagram on the groundwater contour maps and update it in all future reports submitted for your site. Please ensure that the updated gradient directions are included on the rose diagram along with all historical gradients. The report figure shows the cross street as 102nd Street. In future reports please have these changed to 102nd Avenue.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Barbara Jakub), according to the following schedule:

- **July 10, 2008 –** Work plan addendum - Abbreviated work plan addendum with new proposed boring location map and a letter stating planned discrete sampling method, revised quarterly monitoring reports with correct north arrow and new maps of remaining quarterly monitoring reports with incorrect north arrow.

- **September 15, 2008** – Complete the field work.

- **October 31, 2008 –** Submit SWI report and monitoring well installation work plan, if not previously submitted.

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature,

and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 639-1287 or send me an electronic mail message at barbara.jakub@acgov.org.

Sincerely,

Barbara Jakub, California P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Ben Chevlen, Secor International, Inc., 3017 Kilgore Rd., Rancho Cordova, CA 95670 (sent via electronic mail)

Leroy Griffin, sent via electronic mail lgriffin@oaklandnet.com

Donna Drogos, ACEH, via electronic e-mail
Barbara Jakub, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

July 31, 2008

Mr. Terry Grayson
ConocoPhillips
76 Broadway
Sacramento, CA 95818

Mr. Tony Banh and Monument Gas & Market
10151 International Blvd.
Oakland, CA 94603

Subject: Fuel Leak Case No. RO0002444 and Geotracker Global ID T0600173591, Unocal 7124, 10151 International Boulevard, Oakland, CA

Dear Messrs. Grayson and Banh:

Alameda County Environmental Health (ACEH) staff has reviewed Stantec's July 7, 2008, *Work Plan Addendum for Additional Site Assessment.* The work plan addendum presents additional soil and groundwater delineation prior to installing new monitoring wells. We concur with the proposed locations presented in your work plan. However, we would like you to incorporate our technical comments as discussed below.

The proposed work scope may be implemented provided that the modifications requested in the technical comments below are addressed and incorporated. Submission of a revise work plan is not necessary.

TECHNICAL COMMENTS

1. **Soil and Groundwater Analysis.** Stantec mentions that soil and groundwater will be analyzed for TPHg, BTEX and fuel oxygenates using EPA Method 8260. We would like to make sure that the lead scavengers are also analyzed and recommend that TPHg be analyzed using EPA Method 8015. Analysis should include TPHg by EPA Method 8015M, benzene, toluene, ethylbenzene, toluene, xylenes, methyl tertiary butyl ether (MTBE), ethyl tertiary butyl ether (ETBE), di-isopropyl ether (DIPE), tertiary amyl methyl ether (TAME), tert butyl alcohol (TBA), ethylene dibromide (EDB), and 1,2-dichloroethane (1,2-DCA) by EPA Method 8260. ACEH also recommends that soil samples be collected not only at every five feet but at areas with observed odor, staining or elevated PID readings and at changes in lithology and at the soil/groundwater interface.

2. **Well Installation.** It appears that you are planning on installing the wells after the borings are completed and without an additional work plan. Please ensure that your monitoring well sand packs do not exceed 3 to 5 feet with a screen length a maximum of 2 to 4 feet. You may need to install a monitoring well network capable of collecting depth discrete

groundwater samples, such as multi-chamber wells or well clusters and ensure that the top of the groundwater is screened and monitored in at least one well per cluster.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Barbara Jakub), as per my June 5, 2008 letter.

- **September 15, 2008** – Complete the field work.
- **October 31, 2008** – Submit SWI report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

If you have any questions, please call me at (510) 639-1287 or send me an electronic mail message at barbara.jakub@acgov.org.

Sincerely,

Barbara Jakub

Barbara Jakub, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Ben Chevlen, Stantec Consulting Corporation, 3017 Kilgore Rd. Suite 100, Rancho Cordova, CA 95670
Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032
Donna Drogos, ACEH
Barbara Jakub, ACEH
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**ISSUE DATE:** July 5, 2005
	REVISION DATE: December 16, 2005
	PREVIOUS REVISIONS: October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted**.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to dehloptoxic@acgov.org
         or
      ii) Send a fax on company letterhead to (510) 337-9335, to the attention of Alicia Lam-Finneke.
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape and Firefox browsers will not open the FTP site.
   b) Click on File, then on Login As.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name at acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload)

APPENDIX B
BORING LOGS

Additional Assessment Report
Circle K Store 7124
10151 International Blvd.
Oakland, California

PROJECT: **ConocoPhilips Circle K Store No. 7124**
LOCATION: **10151 International Boulevard,Oakland,CA**
PROJECT NUMBER: **77CP.01634.44**

WELL / PROBEHOLE / BOREHOLE NO: **SB-1** PAGE 1 OF 1

Stantec

DRILLING: STARTED **9/5/08** COMPLETED: **9/5/08**
INSTALLATION: STARTED **9/5/08** COMPLETED: **9/5/08**
DRILLING COMPANY: **Test America Drilling**
DRILLING EQUIPMENT: **Geoprobe**
DRILLING METHOD: **Direct Push**
SAMPLING EQUIPMENT: **Macro Core**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **21.5** **9/5/08** BOREHOLE DEPTH (ft): **40.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.75**
LOGGED BY: **B. Deboer** CHECKED BY: **B. Chevlen**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)
			Asphalt with baserock						
		SM	**SILTY SAND** ; SM; 10YR4/2 dark grayish brown; fine-grained; medium dense; moist; poorly graded; (0,55,40,5)						
5		ML	**SILT WITH CLAY** ; ML; 10YR4/2 dark grayish brown; medium plasticity; medium stiff; moist; (0,0,80,20)		0804 SB-1,5'			0.0	5
		CL	**CLAY WITH SILT** ; CL; 10YR3/1 very dark gray; low plasticity; stiff; moist; (0,0,20,80)						
			Very hard						
10					0810 SB-2,10'			0.0	10
15		SM	**SILTY SAND** ; SM; 10YR3/2 very dark grayish brown; medium plasticity; stiff; (0,60,40,0)		0820 SB-3,15'			0.0	15
		ML	**SILT WITH SAND** ; ML; 10YR3/2 dark grayish brown; medium plasticity; stiff; moist; (0,20,80,0)						
		CH	**FAT CLAY** ; CH; 2.5YR4/1 very dark gray; high plasticity; very hard; some brown mottling; (0,0,0,100)						
20					0825 SB-4,20'			0.0	20
		ML	**SANDY SILT** ; ML; 2.5YR5/3 light olive brown; medium plasticity; saturated; hydrocarbon staining; some green staining, but minimal; (0,30,70,0)						
		CH	**FAT CLAY** ; CH; GLEY15/1 AND 10YR4/3 greenish gray and brown; high plasticity; hard; saturated; (0,0,0,100)						
25					0830 SB-4,25'			0.0	25
		ML	**SILT SOME CLAY** ; ML; 10YR5/3 brown; medium plasticity; stiff; saturated						
30		ML	**SILT WITH CLAY** ; ML; 10YR5/3 brown; medium plasticity; stiff; moist; hydrocarbon staining; black mottling; (0,0,80,20)		0840 SB-4,30'			0.0	30
		ML	**SILT SOME SAND** ; ML; 10YR5/3 brown; high plasticity; soft; moist; (0,20,80,0)						
		ML	**SILT LITTLE CLAY** ; ML; GLEY1 4/5GY dark greenish gray; high plasticity; stiff; moist; (0,0,90,10)						
35		CH	**FAT CLAY** ; CH; GLEY1 4/5GY dark greenish gray; medium plasticity; hard; moist; (0,10,80,10); color grades to 10YR4/3 brown		0855 SB-4,35'			0.0	35
		ML	**SILT LITTLE SAND LITTLE CLAY** ; ML; GLEY1 4/5GY dark greenish gray; medium plasticity; moist; firm to hard; (0,10,80,10); color grades to 10YR4/3 brown						
		SP	**SAND LITTLE SILT** ; SP; 10YR4/3 brown; medium-grained; loose; wet; (0,90,10,0)		0900 SB-4,40'			0.0	
40			Hole terminated at 40 feet.						40

GEO FORM 304 CONOCOPHILLIPS.GPJ SECOR INTL.GDT 9/23/08

PROJECT: **ConocoPhilips Circle K Store No. 7124**
LOCATION: **10151 International Boulevard,Oakland,CA**
PROJECT NUMBER: **77CP.01634.44**

WELL / PROBEHOLE / BOREHOLE NO: **SB-2** PAGE 1 OF 1

DRILLING: STARTED **9/3/08** COMPLETED: **9/3/08**
INSTALLATION: STARTED **9/3/08** COMPLETED: **9/3/08**
DRILLING COMPANY: **Test America Drilling**
DRILLING EQUIPMENT: **Geoprobe**
DRILLING METHOD: **Direct Push**
SAMPLING EQUIPMENT: **Macro Core**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **17.8** **9/3/08** BOREHOLE DEPTH (ft): **30.5**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.75**
LOGGED BY: **C. Melancon** CHECKED BY: **B. Chevlen**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)
		SM	Asphalt with baserock **SILTY SAND** ; SM; 10YR-5/3 brown; fine-grained; medium dense; moist; poorly graded; (0,60,40,0)						
		ML	**SILT WITH CLAY** ; ML; 10YR-4/2 dark grayish brown; medium plasticity; medium stiff; moist; (0,0,80,20)						
5		CL	**SILTY CLAY** ; CL; 10YR-3/1 very dark gray; medium plasticity; very stiff; moist; (0,0,20,80)		0915 SB-2,5'			0.0	5
10					0930 SB-2,10'			0.0	10
		SM	**SILTY SAND** ; SM; 10YR3/2 very dark grayish brown; medium dense; moist; (0,60,40,0) Slight odor						
15					0940 SB-2,15'			0.0	15
		CH	**FAT CLAY** ; CH; 2YR4/1 very dark gray; high plasticity; very stiff; moist; (0,0,0,100) 7.5YR3/2 dark brown						
20		ML	**SANDY SILT WITH CLAY** ; ML; 2.5YR5/3 light olive brown; medium plasticity; medium stiff; moist; (0,0,80,20)		1005 SB-2,20'			2.0	20
		CH	**FAT CLAY** ; CH; 7.5YR3/1 very dark gray; high plasticity; very stiff; moist; strong odor (0,0,0,100) 2.5YR5/1 gray		1010 SB-2,21.5'			30.0	
25		ML	**SILT WITH CLAY** ; ML; 2.5YR5/2 grayish brown; medium plasticity; stiff; moist; medium dilatency; medium toughness; (0,0,75,25) 10YR4/3 dark yellowish brown; trace staining		1010 SB-2,25'			0.0	25
30					1050 SB-2,30'			0.0	30
			Grab groundwater sample contained product sheen Hole terminated at 30.5 feet.						
35									35
40									40

GEO FORM 304 CONOCOPHILLIPS.GPJ SECOR INTL.GDT 9/23/08

PROJECT: **ConocoPhilips Circle K Store No. 7124**
LOCATION: **10151 International Boulevard,Oakland,CA**
PROJECT NUMBER: **77CP.01634.44**

WELL / PROBEHOLE / BOREHOLE NO: **SB-3** PAGE 1 OF 1

Stantec

DRILLING: STARTED **9/4/08** COMPLETED: **9/4/08**
INSTALLATION: STARTED **9/4/08** COMPLETED: **9/4/08**
DRILLING COMPANY: **Test America Drilling**
DRILLING EQUIPMENT: **Geoprobe**
DRILLING METHOD: **Direct Push**
SAMPLING EQUIPMENT: **Macro Core**

NORTHING (ft):
EASTING (ft):
LATITUDE:
LONGITUDE:
GROUND ELEV (ft):
TOC ELEV (ft):
INITIAL DTW (ft): **18.7** **9/4/08**
BOREHOLE DEPTH (ft): **30.0**
STATIC DTW (ft): **NE**
WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---**
BOREHOLE DIAMETER (in): **2.75**
LOGGED BY: **C. Melancon**
CHECKED BY: **B. Chevlen**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)
		SM	Asphalt with baserock **SILTY SAND WITH CLAY** ; SM						
5					0820 SB-3,5'			0.0	5
		CL	**CLAY SOME SILT** ; CL; 10YR3/2 very dark grayish brown; medium plasticity; very stiff; moist; (0,0,15,85)						
10					0830 SB-3,10'			0.0	10
			10YR4/3 brown						
		ML	**SILT WITH CLAY** ; ML; 10YR5/4 yellowish brown; medium plasticity; stiff; moist; (0,0,80,20)						
15		ML	**SILT SOME CLAY LITTLE FINE SAND** ; ML; medium plasticity; stiff; moist; sand lens; (0,10,70,20)		0900 SB-3,15'			0.0	15
		CH	**FAT CLAY LITTLE SILT** ; CH; 2.5YR5/4 reddish brown; high plasticity; stiff; moist; (0,0,10,90)						
20					0920 SB-3,20'			0.0	20
			10YR3/4 dark yellowish brown						
		SM CH	**SILTY SAND** ; SM; 10YR5/4 yellowish brown; fine-grained; saturated; (0,60,035,5) **FAT CLAY LITTLE SILT** ; CH; 10YR5/4 yellowish brown; (0,0,10,90)						
25					0940 SB-3,25'			24	25
		SM CH	**SILTY SAND** ; SM; 10YR5/4 yellowish brown; fine-grained; saturated; (0,60,35,5) **FAT CLAY SOME SILT** ; CH; 10YR5/4 yellowish brown; moist; (0,0,10,90)						
30			Product sheen observed in grab groundwater sample Hole terminated at 30 feet.						30
35									35
40									40

GEO FORM 304 CONOCOPHILLIPS.GPJ SECOR INTL.GDT 9/23/08

PROJECT: **ConocoPhilips Circle K Store No. 7124**
LOCATION: **10151 International Boulevard,Oakland,CA**
PROJECT NUMBER: **77CP.01634.44**

WELL / PROBEHOLE / BOREHOLE NO: **SB-4** PAGE 1 OF 1

Stantec

DRILLING: STARTED **9/3/08** COMPLETED: **9/3/08**
INSTALLATION: STARTED **9/3/08** COMPLETED: **9/3/08**
DRILLING COMPANY: **Test America Drilling**
DRILLING EQUIPMENT: **Geoprobe**
DRILLING METHOD: **Direct Push**
SAMPLING EQUIPMENT: **Macro Core**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **19.3** **9/3/08** BOREHOLE DEPTH (ft): **30.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.75**
LOGGED BY: **C. Melancon** CHECKED BY: **B. Chevlen**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)
			Asphalt with baserock						
		SM	**SILTY SAND LITTLE ORGANICS** ; SM; 10YR5/3 brown; moist; little micropores; (0,60,40,0)						
5					1510 SB-4,5'			0.0	5
		CL	**CLAY LITTLE FINE SAND LITTLE SILT** ; CL; 7.5YR3/1 very dark gray; high plasticity; very stiff; moist; (0,10,10,80)						
10					1520 SB-4,10'			0.0	10
		ML	**SANDY SILT WITH CLAY** ; ML; 2.5YR5/3 light olive brown; medium plasticity; medium stiff; moist; (0,30,50,20)						
15					1530 SB-4,15'			0.0	15
		CH	**FAT CLAY TRACE SILT** ; CH; 10YR4/1 dark gray; high plasticity; stiff; moist; (0,0,5,95)						
20					1600 SB-4,20'			0.0	20
		SM	**SILTY SAND TRACE CLAY** ; SM; 5YR4/1 very dark gray; fine-grained; moist; poorly graded; (0,60,35,5)		PID reading			10	
		CH	**FAT CLAY TRACE SILT** ; CH; 10YR4/1 dark gray; high plasticity; stiff; moist; strong odor; (0,0,5,95)						
25					1630 SB-4,28'			24	25
		SM	**SILTY SAND TRACE CLAY** ; SM; 5YR4/1 very dark gray; fine-grained; moist; strong odor; poorly graded; product sheen observed; poor recovery; (0,60,35,5)		PID reading			571	
		CH	**FAT CLAY TRACE SILT** ; CH; 10YR4/1 dark gray; high plasticity; stiff; moist; moderate odor; (0,0,5,95)						
30			Slight odor Hole terminated at 30 feet.		1635 SB5,29.5'			10	30
35									35
40									40

GEO FORM 304 CONOCOPHILLIPS.GPJ SECOR INTL.GDT 9/23/08

PROJECT: **ConocoPhilips Circle K Store No. 7124**
LOCATION: **10151 International Boulevard,Oakland,CA**
PROJECT NUMBER: **77CP.01634.44**

WELL / PROBEHOLE / BOREHOLE NO: **SB-5** PAGE 1 OF 1

Stantec

DRILLING: STARTED **9/3/08** COMPLETED: **9/3/08**
INSTALLATION: STARTED **9/3/08** COMPLETED: **9/3/08**
DRILLING COMPANY: **Test America Drilling**
DRILLING EQUIPMENT: **Geoprobe**
DRILLING METHOD: **Direct Push**
SAMPLING EQUIPMENT: **Macro Core**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **19.7** **4/10/08** BOREHOLE DEPTH (ft): **30.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.75**
LOGGED BY: **C. Melancon** CHECKED BY: **B. Chevlen**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)
			Asphalt with baserock						
		SM	**SILTY SAND LITTLE FINE GRAVEL** ; SM; 7.5YR3/4 dark brown; medium dense; moist; (10,60,30,0)						
5		SM	**SILTY SAND** ; SM; 7.5YR3/4 dark brown; medium stiff; moist; poorly graded; (0,60,40,0)		1240 SB-5,5'			0.0	5
			Wet (perched)						
10		ML	**SILT LITTLE FINE SAND WITH CLAY** ; ML; 2.5YR5/2 olive gray; high plasticity; very stiff; moist; (0,10,70,20)		1250 SB-5,10'			0.0	10
15					1300 SB-5,15'			0.0	15
		CH	**FAT CLAY** ; CH; 2.5YR4/2 dark grayish brown; high plasticity; stiff; moist; (0,0,0,100)						
20					1325 SB-5,20'			0.0	20
25		SM	**SAND WITH SILT TRACE CLAY** ; SM; 5YR4/2 olive gray; fine-grained; loose; wet; (0,75,20,20)		1340 SB-5,25'			0.0	25
		CH	**FAT CLAY** ; CH; 2.5YR4/2 grayish brown; high plasticity; stiff; moist; (0,0,0,100)						
30			Hole terminated at 30 feet.		1400 SB-5,30'			0.0	30
35									35
40									40

GEO FORM 304 CONOCOPHILLIPS.GPJ SECOR INTL.GDT 9/23/08

PROJECT: **ConocoPhilips Circle K Store No. 7124**
LOCATION: **10151 International Boulevard,Oakland,CA**
PROJECT NUMBER: **77CP.01634.44**

WELL / PROBEHOLE / BOREHOLE NO: **SB-6** PAGE 1 OF 1

Stantec

DRILLING: STARTED **9/5/08** COMPLETED: **9/5/08**
INSTALLATION: STARTED **9/5/08** COMPLETED: **9/5/08**
DRILLING COMPANY: **Test America Drilling**
DRILLING EQUIPMENT: **Geoprobe**
DRILLING METHOD: **Direct Push**
SAMPLING EQUIPMENT: **Macro Core**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **33.70** **9/5/08** BOREHOLE DEPTH (ft): **30.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.75**
LOGGED BY: **B. Deboer** CHECKED BY: **B. Chevlen**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)
			Concrete						
		ML	**SILT WITH SAND** ; ML; 10YR3/3 dark brown; fine-grained; stiff; moist; poorly graded; (0,25,75,0)						
5		CH	**FAT CLAY LITTLE SILT** ; CH; 10YR3/1 very dark gray; medium plasticity; hard; moist; (0,0,10,90)		1045 SB-6,5'			0.0	5
10					1050 SB-6,10'			0.0	10
15		ML	**CLAYEY SILT** ; ML; 10YR5/4 yellowish brown; medium plasticity; stiff; moist; (0,0,60,40)		1055 SB-6,15'			0.0	15
		CH	**FAT CLAY LITTLE SILT** ; CH; 10YR3/1 very dark gray; medium plasticity; hard; moist; (0,0,10,90)						
20		ML	**CLAYEY SILT** ; ML; 10YR5/4 yellowish brown; medium plasticity; stiff; moist; (0,0,60,40) Saturated Minor black mottling		1105 SB-6,20'			0.0	20
25		CH	**FAT CLAY LITTLE SILT** ; CH; 2.5YR4/3 olive brown; medium plasticity; hard; moist; minor black mottling; (0,0,10,90)		1113 SB-6,25'			0.0	25
		ML	**SILT WITH CLAY** ; ML; 2.5YR4/3 olive brown; stiff; moist; high to medium plasticity; (0,0,80,20)						
30		ML	**SILT** ; ML; 2.5YR4/3 olive brown; high plasticity; soft; moist; (0,0,100,0)		1120 SB-6,30'			0.0	30
					1211 SB-6,32'			0.0	
		ML	**SANDY SILT** ; ML; 2.5YR4/3 olive brown; low plasticity; very soft; wet						▽
35			Hole terminated at 34 feet.						35
40									40

GEO FORM 304 CONOCOPHILLIPS.GPJ SECOR INTL.GDT 9/23/08

PROJECT: **ConocoPhilips Circle K Store No. 7124**
LOCATION: **10151 International Boulevard,Oakland,CA**
PROJECT NUMBER: **77CP.01634.44**

WELL / PROBEHOLE / BOREHOLE NO: **SB-7** PAGE 1 OF 1

Stantec

DRILLING: STARTED **9/4/08** COMPLETED: **9/4/08**
INSTALLATION: STARTED **9/4/08** COMPLETED: **9/4/08**
DRILLING COMPANY: **Test America Drilling**
DRILLING EQUIPMENT: **Geoprobe**
DRILLING METHOD: **Direct Push**
SAMPLING EQUIPMENT: **Macro Core**

NORTHING (ft): EASTING (ft):
LATITUDE: LONGITUDE:
GROUND ELEV (ft): TOC ELEV (ft):
INITIAL DTW (ft): **21.0** **9/4/08** BOREHOLE DEPTH (ft): **34.0**
STATIC DTW (ft): **NE** WELL DEPTH (ft): **---**
WELL CASING DIAMETER (in): **---** BOREHOLE DIAMETER (in): **2.75**
LOGGED BY: **C. Melancon** CHECKED BY: **B. Chevlen**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)
			Concrete						
		SM	**SILTY SAND** ; SM; 10YR5/3 brown; fine-grained; medium dense; moist; (0,60,40,0)						
5					1320 SB-7,5'			0.0	5
		CH	**FAT CLAY LITTLE SILT** ; CH; 5YR3/1 very dark gray; high plasticity; very stiff; moist; (0,0,10,90)						
10					1325 SB-7,10'			0.0	10
15		ML	**CLAYEY SILT** ; ML; 10YR5/3 brown; medium plasticity; stiff; moist; (0,0,60,40)		1330 SB-7,15'			0.0	15
		CH	**FAT CLAY LITTLE SILT** ; CH; 10YR5/3 brown; high plasticity; very stiff; moist; (0,0,10,90) clayey silt lenses from 16.5 to 16.75 and 18 to 18.5 feet bgs						
20					1340 SB-7,20'			0.0	20
		ML	**SILT WITH CLAY** ; ML; 10YR5/3 brown; medium plasticity; stiff; saturated; (0,0,60,40)						
25		CH	**FAT CLAY LITTLE SILT** ; CH; 10YR5/4 yellowish brown; moist; (0,0,10,90)		1350 SB-7,25'			0.0	25
		ML	**CLAYEY SILT** ; ML; 10YR5/3 brown; medium plasticity; stiff; moist; (0,0,60,40)						
		SM	**SILTY SAND LITTLE CLAY** ; SM; 2.5YR5/3 light olive brown; medium plasticity; stiff; moist; (0,60,30,10)						
		ML	**CLAYEY SILT** ; ML; 10YR5/3 brown; medium plasticity; stiff; moist; (0,0,60,40)						
30					1400 SB-7,30'			0.0	30
			Hole terminated at 34 feet.						
35									35
40									40

GEO FORM 304 CONOCOPHILLIPS.GPJ SECOR INTL.GDT 9/23/08

APPENDIX C
WELL SEARCH SUMMARY TABLE AND WELL COMPLETION REPORTS

NOTE: WELL COMPLETION LOGS ARE CONFIDENTIAL AND ARE NOT TO BE MADE AVAILABLE TO THE PUBLIC.

Additional Assessment Report
Circle K Store 7124
10151 International Blvd.
Oakland, California

APPENDIX C REMOVED FROM ALL PUBLIC COPIES

APPENDIX D
PERMITS

Additional Assessment Report
Circle K Store 7124
10151 International Blvd.
Oakland, California

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: 08/12/2008 By jamesy

Permit Numbers: W2008-0571
Permits Valid from 09/03/2008 to 09/05/2008

Application Id: 1218577068799 **City of Project Site:** Oakland
Site Location: Former Unocal Sta. #7124, 10151 International Bl, Oakland, CA
Project Start Date: 09/03/2008 **Completion Date:** 09/05/2008
Requested Inspection: 09/03/2008
Scheduled Inspection: 09/03/2008 at 11:30 AM (Contact your inspector, Ron Smalley at (510) 670-5407, to confirm.)

Applicant: Stantec Consulting Corp - Ben Chevlen **Phone:** 916-861-0400
3017 Kilfgore Rd #100, Rancho Cordova, CA 95670
Property Owner: Conoco Phillips c/o Bill Borgh **Phone:** 916-558-7612
76 Broadway, Sacramento, CA 95818
Client: ** same as Property Owner **

Total Due: $230.00
Receipt Number: WR2008-0289 **Total Amount Paid:** $230.00
Payer Name : Stantec Consulting Corp. Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 7 Boreholes
Driller: Test America drilling corp - Lic #: 819548 - Method: DP **Work Total: $230.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2008-0571	08/12/2008	12/02/2008	7	2.00 in.	30.00 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 Ron Smalley for an inspection time at 510-670-5407 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. 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.

APPENDIX E
FIELD PROCEDURES

Additional Assessment Report
Circle K Store 7124
10151 International Blvd.
Oakland, California

APPENDIX E
FIELD PROCEDURES

STANTEC CONSULTING CORPORATION
STANDARD PROCEDURE FOR
DIRECT-PUSH DRILLING

Prior to drilling, boring locations were marked with white paint and cleared for underground utilities through Underground Service Alert (USA). In addition, the first five feet of each borehole was hand augered to evaluate the presence of underground structures or utilities.

Once pre-drilling efforts to identify subsurface structures was complete, pre-cleaned direct-push drill rods were advanced using a drill rig for the purpose of collecting samples and evaluating subsurface conditions. Upon completion of drilling and sampling, the drill rods were retracted, and the boreholes were backfilled to ground surface with cement grout using a tremmie pipe.

During the drilling process, a physical description of the encountered soil characteristics (i.e. moisture content, consistency, odor, color, etc.), drilling difficulty, and soil type as a function of depth was described on boring logs. The soil cuttings were classified in accordance with the Unified Soil Classification System (USCS).

Soil cuttings were temporarily stored on-site in 55-gallon DOT approved drums pending laboratory analysis, waste profiling, and proper disposal. Labels were affixed to the drums indicating the contents of the drums, date of drilling, and location of site.

STANDARD PROCEDURE FOR
EQUIPMENT DECONTAMINATION

Equipment that could potentially contact subsurface media and compromise the integrity of the samples was carefully decontaminated prior to drilling and sampling. Drill rods and other large pieces of equipment were decontaminated using high pressure hot water spray. Samplers, groundwater pumps, liners and other equipment were decontaminated in an Alconox scrub solution and double rinsed in clean tap water rinse followed by a final distilled water rinse.

The rinsate and other wastewater were contained in 55-gallon DOT-approved drums, labeled (to identify the contents, generation date and project) and stored on-site pending waste profiling and disposal.

APPENDIX F
CERTIFIED LABORATORY ANALYTICAL DATA AND CHAIN-OF-CUSTODY DOCUMENTATION

Additional Assessment Report
Circle K Store 7124
10151 International Blvd.
Oakland, California

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 09/15/2008

Ben Chevlen

Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

RE: 2707124
BC Work Order: 0811761

Enclosed are the results of analyses for samples received by the laboratory on 9/5/2008. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811761-01	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 09:15	Global ID: T0600173591
	Sampling Location:	SB-2	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-2,5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-02	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 09:30	Global ID: T0600173591
	Sampling Location:	SB-2	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-2,10	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-03	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 09:40	Global ID: T0600173591
	Sampling Location:	SB-2	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-2,15	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-04	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 10:05	Global ID: T0600173591
	Sampling Location:	SB-2	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-2,20	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-05	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 10:10	Global ID: T0600173591
	Sampling Location:	SB-2	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-2,21.5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811761-06	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 10:30	Global ID: T0600173591
	Sampling Location:	SB-2	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-2,25	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-07	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 10:50	Global ID: T0600173591
	Sampling Location:	SB-2	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-2,30	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-08	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 12:40	Global ID: T0600173591
	Sampling Location:	SB-5	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-5,5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-09	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 12:50	Global ID: T0600173591
	Sampling Location:	SB-5	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-5,10	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-10	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 13:00	Global ID: T0600173591
	Sampling Location:	SB-5	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-5,15	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811761-11	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 13:25	Global ID: T0600173591
	Sampling Location:	SB-5	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-5,20	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-12	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 13:40	Global ID: T0600173591
	Sampling Location:	SB-5	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-5,25	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-13	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 14:00	Global ID: T0600173591
	Sampling Location:	SB-5	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-5,30	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-14	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 14:20	Global ID: T0600173591
	Sampling Location:	SB-5	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SB-5,W	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-15	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 15:10	Global ID: T0600173591
	Sampling Location:	SB-4	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-4,5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811761-16	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 15:20	Global ID: T0600173591
	Sampling Location:	SB-4	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-4,10	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-17	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 15:30	Global ID: T0600173591
	Sampling Location:	SB-4	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-4,15	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-18	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 16:00	Global ID: T0600173591
	Sampling Location:	SB-4	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-4,19	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-19	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 16:30	Global ID: T0600173591
	Sampling Location:	SB-4	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-4,28	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-20	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 16:35	Global ID: T0600173591
	Sampling Location:	SB-4	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-4,29.5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec	Project: 2707124	**Reported:** 09/15/2008 12:27
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Ben Chevlen	

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811761-21	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/03/2008 16:40	Global ID: T0600173591
	Sampling Location:	SB-4	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SB-4,W	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-22	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 08:20	Global ID: T0600173591
	Sampling Location:	SB-3	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-3,5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-23	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 08:30	Global ID: T0600173591
	Sampling Location:	SB-3	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-3,10	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-24	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 09:00	Global ID: T0600173591
	Sampling Location:	SB-3	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-3,15	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-25	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 09:20	Global ID: T0600173591
	Sampling Location:	SB-3	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-3,20	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811761-26	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 09:40	Global ID: T0600173591
	Sampling Location:	SB-3	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-3,25	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-27	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 10:15	Global ID: T0600173591
	Sampling Location:	SB-3	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SB-3,W	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-28	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 13:20	Global ID: T0600173591
	Sampling Location:	SB-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-7,5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-29	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 13:25	Global ID: T0600173591
	Sampling Location:	SB-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-7,10	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-30	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 13:30	Global ID: T0600173591
	Sampling Location:	SB-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-7,15	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811761-31	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 13:40	Global ID: T0600173591
	Sampling Location:	SB-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-7,20	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-32	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 13:50	Global ID: T0600173591
	Sampling Location:	SB-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-7,25	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-33	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 14:00	Global ID: T0600173591
	Sampling Location:	SB-7	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-7,30	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-34	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 14:15	Global ID: T0600173591
	Sampling Location:	SB-7	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SB-7,W	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811761-35	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/04/2008 15:30	Global ID: T0600173591
	Sampling Location:	SB-2	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SB-2,W	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-01 | **Client Sample Name:** 2707124, SB-2, SB-2,5, 9/3/2008 9:15:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199	ND	
1,2-Dichloroethane-d4 (Surrogate)	90.0	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199		
Toluene-d8 (Surrogate)	95.0	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199		
4-Bromofluorobenzene (Surrogate)	75.6	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 20:19	LHS	MS-V2	1	BRI0199		

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-02 | **Client Sample Name:** 2707124, SB-2, SB-2,10, 9/3/2008 9:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	95.9	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	95.1	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	74.6	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 22:28	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-03 | **Client Sample Name:** 2707124, SB-2, SB-2,15, 9/3/2008 9:40:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
Total Purgeable Petroleum Hydrocarbons	0.30	mg/kg	0.20		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.9	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199		
4-Bromofluorobenzene (Surrogate)	97.0	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 21:15	LHS	MS-V2	1	BRI0199		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-04 | **Client Sample Name:** 2707124, SB-2, SB-2,20, 9/3/2008 10:05:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.6	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	87.8	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 22:56	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-05 | **Client Sample Name:** 2707124, SB-2, SB-2,21.5, 9/3/2008 10:10:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199	ND	
Total Purgeable Petroleum Hydrocarbons	7.0	mg/kg	1.0		EPA-8260	09/09/08	09/09/08 23:24	LHS	MS-V2	5	BRI0199	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	95.9	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199		
1,2-Dichloroethane-d4 (Surrogate)	93.9	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 23:24	LHS	MS-V2	5	BRI0199		
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 23:24	LHS	MS-V2	5	BRI0199		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199		
4-Bromofluorobenzene (Surrogate)	118	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 22:10	LHS	MS-V2	1	BRI0199		
4-Bromofluorobenzene (Surrogate)	98.1	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 23:24	LHS	MS-V2	5	BRI0199		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-06 | **Client Sample Name:** 2707124, SB-2, SB-2,25, 9/3/2008 10:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199	ND	
1,2-Dichloroethane-d4 (Surrogate)	93.8	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199		
Toluene-d8 (Surrogate)	102	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199		
4-Bromofluorobenzene (Surrogate)	88.2	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 22:38	LHS	MS-V2	1	BRI0199		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-07 | **Client Sample Name:** 2707124, SB-2, SB-2,30, 9/3/2008 10:50:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.5	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	93.0	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	74.0	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/08/08 23:06	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-08 | **Client Sample Name:** 2707124, SB-5, SB-5,5, 9/3/2008 12:40:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	96.9	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	92.7	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	75.2	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 02:19	LHS	MS-V2	1	BRI0497		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-09 | **Client Sample Name:** 2707124, SB-5, SB-5,10, 9/3/2008 12:50:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	96.0	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	88.9	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 02:47	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-10 | **Client Sample Name:** 2707124, SB-5, SB-5,15, 9/3/2008 1:00:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.5	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	97.3	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	77.5	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 23:52	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-11 | **Client Sample Name:** 2707124, SB-5, SB-5,20, 9/3/2008 1:25:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.5	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	94.8	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	88.7	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 00:47	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-12 | **Client Sample Name:** 2707124, SB-5, SB-5,25, 9/3/2008 1:40:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	95.0	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	90.9	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 01:15	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-13 | **Client Sample Name:** 2707124, SB-5, SB-5,30, 9/3/2008 2:00:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	95.2	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	82.0	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 01:43	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-14 | **Client Sample Name:** 2707124, SB-5, SB-5,W, 9/3/2008 2:20:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
Methyl t-butyl ether	25	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
Toluene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
t-Butyl alcohol	120	ug/L	10		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
Ethanol	ND	ug/L	250		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
Total Purgeable Petroleum Hydrocarbons	67	ug/L	50		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dichloroethane-d4 (Surrogate)	94.5	%	76 - 114 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322		
Toluene-d8 (Surrogate)	99.3	%	88 - 110 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 21:37	mwb	MS-V13	1	BRI0322		

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Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-15 | **Client Sample Name:** 2707124, SB-4, SB-4,5, 9/3/2008 3:10:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.2	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	93.6	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	71.8	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 02:10	LHS	MS-V2	1	BRI0497		A20,S09

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-16 | **Client Sample Name:** 2707124, SB-4, SB-4,10, 9/3/2008 3:20:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.3	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	108	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	80.9	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 05:34	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-17 | **Client Sample Name:** 2707124, SB-4, SB-4,15, 9/3/2008 3:30:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.7	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	99.2	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	84.6	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 05:24	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-18 | **Client Sample Name:** 2707124, SB-4, SB-4,19, 9/3/2008 4:00:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.6	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	83.1	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/10/08 05:52	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-19 | **Client Sample Name:** 2707124, SB-4, SB-4,28, 9/3/2008 4:30:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.025		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
1,2-Dibromoethane	ND	mg/kg	0.025		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
1,2-Dichloroethane	ND	mg/kg	0.025		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
Ethylbenzene	ND	mg/kg	0.025		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
Methyl t-butyl ether	ND	mg/kg	0.025		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
Toluene	ND	mg/kg	0.025		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
Total Xylenes	ND	mg/kg	0.050		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
t-Amyl Methyl ether	ND	mg/kg	0.025		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
t-Butyl alcohol	ND	mg/kg	0.25		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
Diisopropyl ether	ND	mg/kg	0.025		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
Ethanol	ND	mg/kg	5.0		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
Ethyl t-butyl ether	ND	mg/kg	0.025		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497	ND	A01
Total Purgeable Petroleum Hydrocarbons	4.6	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 19:24	LHS	MS-V2	5	BRI0497	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497		
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 19:24	LHS	MS-V2	5	BRI0497		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 19:24	LHS	MS-V2	5	BRI0497		
Toluene-d8 (Surrogate)	106	%	81 - 117 (LCL - UCL)		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497		
4-Bromofluorobenzene (Surrogate)	94.1	%	74 - 121 (LCL - UCL)		EPA-8260	09/11/08	09/12/08 08:00	LHS	MS-V2	5	BRI0497		
4-Bromofluorobenzene (Surrogate)	98.8	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 19:24	LHS	MS-V2	5	BRI0497		

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-20 | **Client Sample Name:** 2707124, SB-4, SB-4,29.5, 9/3/2008 4:35:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	0.011	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	1.1	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.0	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	87.1	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 07:15	LHS	MS-V2	1	BRI0497		

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Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-21 | **Client Sample Name:** 2707124, SB-4, SB-4,W, 9/3/2008 4:40:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	12		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
1,2-Dibromoethane	ND	ug/L	12		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
1,2-Dichloroethane	ND	ug/L	12		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
Ethylbenzene	ND	ug/L	12		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
Methyl t-butyl ether	62	ug/L	12		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
Toluene	ND	ug/L	12		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
Total Xylenes	ND	ug/L	25		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
t-Amyl Methyl ether	ND	ug/L	12		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
t-Butyl alcohol	ND	ug/L	250		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
Diisopropyl ether	ND	ug/L	12		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
Ethanol	ND	ug/L	6200		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
Ethyl t-butyl ether	ND	ug/L	12		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322	ND	A01
Total Purgeable Petroleum Hydrocarbons	45000	ug/L	5000		EPA-8260	09/09/08	09/10/08 13:54	mwb	MS-V13	100	BRI0322	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	84.7	%	76 - 114 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322		
1,2-Dichloroethane-d4 (Surrogate)	85.1	%	76 - 114 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 13:54	mwb	MS-V13	100	BRI0322		
Toluene-d8 (Surrogate)	97.6	%	88 - 110 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 13:54	mwb	MS-V13	100	BRI0322		
Toluene-d8 (Surrogate)	96.2	%	88 - 110 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322		
4-Bromofluorobenzene (Surrogate)	159	%	86 - 115 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 14:11	mwb	MS-V13	25	BRI0322		S09
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 13:54	mwb	MS-V13	100	BRI0322		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-22 | **Client Sample Name:** 2707124, SB-3, SB-3,5, 9/4/2008 8:20:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.8	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	91.1	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	72.8	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 19:52	LHS	MS-V2	1	BRI0497		A20,S09

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-23 | **Client Sample Name:** 2707124, SB-3, SB-3,10, 9/4/2008 8:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	111	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	82.0	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 07:53	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-24 | **Client Sample Name:** 2707124, SB-3, SB-3,15, 9/4/2008 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	88.8	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	89.2	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 08:10	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-25 | **Client Sample Name:** 2707124, SB-3, SB-3,20, 9/4/2008 9:20:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497		
4-Bromofluorobenzene (Surrogate)	89.5	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 08:38	LHS	MS-V2	1	BRI0497		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-26 | **Client Sample Name:** 2707124, SB-3, SB-3,25, 9/4/2008 9:40:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	98.2	%	81 - 117 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	85.8	%	74 - 121 (LCL - UCL)		EPA-8260	09/08/08	09/09/08 09:16	LHS	MS-V2	1	BRI0498		

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-27 | **Client Sample Name:** 2707124, SB-3, SB-3,W, 9/4/2008 10:15:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
Toluene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
Ethanol	ND	ug/L	250		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
Total Purgeable Petroleum Hydrocarbons	480	ug/L	50		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dichloroethane-d4 (Surrogate)	96.9	%	76 - 114 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322		
Toluene-d8 (Surrogate)	96.2	%	88 - 110 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322		
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 20:26	mwb	MS-V13	1	BRI0322		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-28 | **Client Sample Name:** 2707124, SB-7, SB-7,5, 9/4/2008 1:20:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	94.2	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	92.5	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 09:34	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-29 | **Client Sample Name:** 2707124, SB-7, SB-7,10, 9/4/2008 1:25:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.4	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	96.9	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	84.2	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 10:01	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-30 | **Client Sample Name:** 2707124, SB-7, SB-7,15, 9/4/2008 1:30:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	97.6	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	86.5	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 10:29	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-31 | **Client Sample Name:** 2707124, SB-7, SB-7,20, 9/4/2008 1:40:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	114	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	96.4	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	90.8	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 20:19	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-32 | **Client Sample Name:** 2707124, SB-7, SB-7,25, 9/4/2008 1:50:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	95.5	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	86.3	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 11:52	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-33 | **Client Sample Name:** 2707124, SB-7, SB-7,30, 9/4/2008 2:00:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	95.9	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	84.2	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 20:47	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-34 | **Client Sample Name:** 2707124, SB-7, SB-7,W, 9/4/2008 2:15:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
Toluene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
Ethanol	ND	ug/L	250		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dichloroethane-d4 (Surrogate)	97.6	%	76 - 114 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322		
Toluene-d8 (Surrogate)	94.8	%	88 - 110 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322		
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 21:19	mwb	MS-V13	1	BRI0322		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811761-35 | **Client Sample Name:** 2707124, SB-2, SB-2,W, 9/4/2008 3:30:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	5.0		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
1,2-Dibromoethane	ND	ug/L	5.0		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
1,2-Dichloroethane	ND	ug/L	5.0		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
Ethylbenzene	ND	ug/L	5.0		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
Methyl t-butyl ether	ND	ug/L	5.0		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
Toluene	ND	ug/L	5.0		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
Total Xylenes	ND	ug/L	10		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
t-Amyl Methyl ether	ND	ug/L	5.0		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
t-Butyl alcohol	ND	ug/L	100		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
Diisopropyl ether	ND	ug/L	5.0		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
Ethanol	ND	ug/L	2500		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
Ethyl t-butyl ether	ND	ug/L	5.0		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
Total Purgeable Petroleum Hydrocarbons	3400	ug/L	500		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322	ND	A01,Z1a
1,2-Dichloroethane-d4 (Surrogate)	94.0	%	76 - 114 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322		
Toluene-d8 (Surrogate)	96.4	%	88 - 110 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322		
4-Bromofluorobenzene (Surrogate)	110	%	86 - 115 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 11:25	mwb	MS-V13	10	BRI0322		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BRI0199	Matrix Spike	0809520-89	0	0.13533	0.12500	mg/kg		108		70 - 130	
		Matrix Spike Duplicate	0809520-89	0	0.13503	0.12500	mg/kg	0	108	20	70 - 130	
Toluene	BRI0199	Matrix Spike	0809520-89	0	0.13253	0.12500	mg/kg		106		70 - 130	
		Matrix Spike Duplicate	0809520-89	0	0.13831	0.12500	mg/kg	4.6	111	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0199	Matrix Spike	0809520-89	ND	0.049248	0.050000	mg/kg		98.5		70 - 121	
		Matrix Spike Duplicate	0809520-89	ND	0.048978	0.050000	mg/kg		98.0		70 - 121	
Toluene-d8 (Surrogate)	BRI0199	Matrix Spike	0809520-89	ND	0.052425	0.050000	mg/kg		105		81 - 117	
		Matrix Spike Duplicate	0809520-89	ND	0.052650	0.050000	mg/kg		105		81 - 117	
4-Bromofluorobenzene (Surrogate)	BRI0199	Matrix Spike	0809520-89	ND	0.047694	0.050000	mg/kg		95.4		74 - 121	
		Matrix Spike Duplicate	0809520-89	ND	0.046845	0.050000	mg/kg		93.7		74 - 121	
Benzene	BRI0322	Matrix Spike	0811740-01	0	25.690	25.000	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0811740-01	0	25.510	25.000	ug/L	1.0	102	20	70 - 130	
Toluene	BRI0322	Matrix Spike	0811740-01	0	23.450	25.000	ug/L		93.8		70 - 130	
		Matrix Spike Duplicate	0811740-01	0	23.720	25.000	ug/L	1.2	94.9	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0322	Matrix Spike	0811740-01	ND	9.8300	10.000	ug/L		98.3		76 - 114	
		Matrix Spike Duplicate	0811740-01	ND	9.6300	10.000	ug/L		96.3		76 - 114	
Toluene-d8 (Surrogate)	BRI0322	Matrix Spike	0811740-01	ND	9.4700	10.000	ug/L		94.7		88 - 110	
		Matrix Spike Duplicate	0811740-01	ND	9.6700	10.000	ug/L		96.7		88 - 110	
4-Bromofluorobenzene (Surrogate)	BRI0322	Matrix Spike	0811740-01	ND	9.6100	10.000	ug/L		96.1		86 - 115	
		Matrix Spike Duplicate	0811740-01	ND	9.4300	10.000	ug/L		94.3		86 - 115	
Benzene	BRI0497	Matrix Spike	0811604-09	0	0.13371	0.12500	mg/kg		107		70 - 130	
		Matrix Spike Duplicate	0811604-09	0	0.13786	0.12500	mg/kg	2.8	110	20	70 - 130	
Toluene	BRI0497	Matrix Spike	0811604-09	0	0.12330	0.12500	mg/kg		98.6		70 - 130	
		Matrix Spike Duplicate	0811604-09	0	0.12155	0.12500	mg/kg	1.4	97.2	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0497	Matrix Spike	0811604-09	ND	0.047604	0.050000	mg/kg		95.2		70 - 121	
		Matrix Spike Duplicate	0811604-09	ND	0.048939	0.050000	mg/kg		97.9		70 - 121	

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Toluene-d8 (Surrogate)	BRI0497	Matrix Spike	0811604-09	ND	0.051596	0.050000	mg/kg		103		81 - 117	
		Matrix Spike Duplicate	0811604-09	ND	0.050719	0.050000	mg/kg		101		81 - 117	
4-Bromofluorobenzene (Surrogate)	BRI0497	Matrix Spike	0811604-09	ND	0.045235	0.050000	mg/kg		90.5		74 - 121	
		Matrix Spike Duplicate	0811604-09	ND	0.042299	0.050000	mg/kg		84.6		74 - 121	
Benzene	BRI0498	Matrix Spike	0811604-10	0	0.12534	0.12500	mg/kg		100		70 - 130	
		Matrix Spike Duplicate	0811604-10	0	0.12094	0.12500	mg/kg	3.3	96.8	20	70 - 130	
Toluene	BRI0498	Matrix Spike	0811604-10	0	0.11278	0.12500	mg/kg		90.2		70 - 130	
		Matrix Spike Duplicate	0811604-10	0	0.11798	0.12500	mg/kg	4.6	94.4	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0498	Matrix Spike	0811604-10	ND	0.052642	0.050000	mg/kg		105		70 - 121	
		Matrix Spike Duplicate	0811604-10	ND	0.050457	0.050000	mg/kg		101		70 - 121	
Toluene-d8 (Surrogate)	BRI0498	Matrix Spike	0811604-10	ND	0.049313	0.050000	mg/kg		98.6		81 - 117	
		Matrix Spike Duplicate	0811604-10	ND	0.052659	0.050000	mg/kg		105		81 - 117	
4-Bromofluorobenzene (Surrogate)	BRI0498	Matrix Spike	0811604-10	ND	0.048150	0.050000	mg/kg		96.3		74 - 121	
		Matrix Spike Duplicate	0811604-10	ND	0.047458	0.050000	mg/kg		94.9		74 - 121	

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BRI0199	BRI0199-BS1	LCS	0.13477	0.12500	0.0050	mg/kg	108		70 - 130		
Toluene	BRI0199	BRI0199-BS1	LCS	0.12955	0.12500	0.0050	mg/kg	104		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI0199	BRI0199-BS1	LCS	0.047066	0.050000		mg/kg	94.1		70 - 121		
Toluene-d8 (Surrogate)	BRI0199	BRI0199-BS1	LCS	0.051688	0.050000		mg/kg	103		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRI0199	BRI0199-BS1	LCS	0.048651	0.050000		mg/kg	97.3		74 - 121		
Benzene	BRI0322	BRI0322-BS1	LCS	24.810	25.000	0.50	ug/L	99.2		70 - 130		
Toluene	BRI0322	BRI0322-BS1	LCS	26.120	25.000	0.50	ug/L	104		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI0322	BRI0322-BS1	LCS	9.3000	10.000		ug/L	93.0		76 - 114		
Toluene-d8 (Surrogate)	BRI0322	BRI0322-BS1	LCS	10.100	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRI0322	BRI0322-BS1	LCS	9.7200	10.000		ug/L	97.2		86 - 115		
Benzene	BRI0497	BRI0497-BS1	LCS	0.12887	0.12500	0.0050	mg/kg	103		70 - 130		
Toluene	BRI0497	BRI0497-BS1	LCS	0.11431	0.12500	0.0050	mg/kg	91.4		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI0497	BRI0497-BS1	LCS	0.047789	0.050000		mg/kg	95.6		70 - 121		
Toluene-d8 (Surrogate)	BRI0497	BRI0497-BS1	LCS	0.050527	0.050000		mg/kg	101		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRI0497	BRI0497-BS1	LCS	0.047220	0.050000		mg/kg	94.4		74 - 121		
Benzene	BRI0498	BRI0498-BS1	LCS	0.12113	0.12500	0.0050	mg/kg	96.9		70 - 130		
Toluene	BRI0498	BRI0498-BS1	LCS	0.10908	0.12500	0.0050	mg/kg	87.3		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI0498	BRI0498-BS1	LCS	0.050427	0.050000		mg/kg	101		70 - 121		
Toluene-d8 (Surrogate)	BRI0498	BRI0498-BS1	LCS	0.047681	0.050000		mg/kg	95.4		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRI0498	BRI0498-BS1	LCS	0.048498	0.050000		mg/kg	97.0		74 - 121		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRI0199	BRI0199-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRI0199	BRI0199-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRI0199	BRI0199-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRI0199	BRI0199-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRI0199	BRI0199-BLK1	ND	mg/kg	0.0050		
Toluene	BRI0199	BRI0199-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRI0199	BRI0199-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRI0199	BRI0199-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BRI0199	BRI0199-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRI0199	BRI0199-BLK1	ND	mg/kg	0.0050		
Ethanol	BRI0199	BRI0199-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRI0199	BRI0199-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRI0199	BRI0199-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRI0199	BRI0199-BLK1	96.4	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0199	BRI0199-BLK1	101	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0199	BRI0199-BLK1	85.7	%	74 - 121 (LCL - UCL)		
Benzene	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Toluene	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Total Xylenes	BRI0322	BRI0322-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BRI0322	BRI0322-BLK1	ND	ug/L	10		
Diisopropyl ether	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Ethanol	BRI0322	BRI0322-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRI0322	BRI0322-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRI0322	BRI0322-BLK1	86.8	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0322	BRI0322-BLK1	99.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0322	BRI0322-BLK1	103	%	86 - 115 (LCL - UCL)		
Benzene	BRI0497	BRI0497-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRI0497	BRI0497-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRI0497	BRI0497-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRI0497	BRI0497-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRI0497	BRI0497-BLK1	ND	mg/kg	0.0050		
Toluene	BRI0497	BRI0497-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRI0497	BRI0497-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRI0497	BRI0497-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BRI0497	BRI0497-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRI0497	BRI0497-BLK1	ND	mg/kg	0.0050		
Ethanol	BRI0497	BRI0497-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRI0497	BRI0497-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRI0497	BRI0497-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRI0497	BRI0497-BLK1	96.9	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0497	BRI0497-BLK1	101	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0497	BRI0497-BLK1	87.2	%	74 - 121 (LCL - UCL)		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 12:27

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Toluene	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRI0498	BRI0498-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BRI0498	BRI0498-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Ethanol	BRI0498	BRI0498-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRI0498	BRI0498-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRI0498	BRI0498-BLK1	105	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0498	BRI0498-BLK1	108	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0498	BRI0498-BLK1	84.0	%	74 - 121 (LCL - UCL)		

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Stantec	Project:	2707124	**Reported:** 09/15/2008 12:27
3017 Kilgore Rd. #100	Project Number:	[none]	
Rancho Cordova, CA 95670	Project Manager:	Ben Chevlen	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A01	PQL's and MDL's are raised due to sample dilution.
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
S09	The surrogate recovery on the sample for this compound was not within the control limits.
Z1	Copious amount of sediment in voas: decanted two voas.
Z1a	Sample diluted due to matrix interferrence with surrogate recovery.

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ConocoPhillips Chain Of Custody Record

BC Laboratories, Inc.
4100 Atlas Court
Bakersfield, CA 93308
(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager: Bill Borgh

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS, Dee Hutchinson, 3611 S. Harbor Blvd., Suit 200, Santa Ana, CA

ConocoPhillips Purchase Order Number: Contact Ben Chevlen

ConocoPhillips AOC #: 01634

DATE: 9/3/08

PAGE: 1 of 4

SAMPLING COMPANY: Stantec Consulting Corporation	Valid Value ID: SIRC	CONOCOPHILLIPS SITE NUMBER: 2707124	GLOBAL ID NO.: T0600173591
ADDRESS: 3017 Kilgore Road, #100, Rancho Cordova, CA 95670		10151 International Blvd., Oakland, CA	CONOCOPHILLIPS SITE MANAGER: Bill Borgh
PROJECT CONTACT (Hardcopy or PDF Report to): Ben Chevlen		EDF DELIVERABLE TO (RP or Designee): Clint Harms	PHONE NO.: 916-861-0400 x289
TELEPHONE: 916-861-0400 x289	FAX: 916-861-0430	E-MAIL: benjamin.chevlen@stantec.com	E-MAIL: benjamin.chevlen@stantec.com
E-MAIL: benjamin.chevlen@stantec.com			LAB USE ONLY: 08-11701
SAMPLER NAME(S) (Print): Charles McKuncon/Khamly Chanthip	CONSULTANT PROJECT NUMBER: 77cp.01634.44		

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd and TPHo Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oyxgenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	Fish Bioassay	8260B - Full Scan VOCs (including TPHg/BTEX/ 8 oxygenates)		Metals (Cd, Cr, Pb, Ni, Zn)	RCI	Full Scan 8260B incl. MtBE/TPHg	Total Cyanides and Reactive Cyanides	Total Sulfides and Reactive Sulfides	CAM 17 Metals	Pesticides by 8081			
1	SB-2,5'	9/3/08	915	SOIL	1			X																	
2	SB-2,10'		930																						
3	SB-2,15'		940																						
4	SB-2,20'		1005																						
5	SB-2, ~~25~~ 21.5'		1010																						
6	SB-2,25'		1030																						
7	SB-2,30'		1050																						
8	SB-5,5'		1240																						
9	SB-5,10'		1250																						
10	SB-5,15'		1300																						

CHK BY [illegible]

DISTRIBUTION [illegible]

SUB-OUT ☐

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature) [signature]	Received by: (Signature) [signature] Dudley BC LAB	Date: 9/5/08	Time: 1440
Relinquished by: (Signature) [signature] 9/5/08	Received by: (Signature) [signature]	Date: 9.5.08	Time: 1745
Relinquished by: (Signature) [signature] 9-5-08 2030	Received by: (Signature) [signature]	Date: 9-5-08	Time: 2030

9/19/03 Revision

ConocoPhillips Chain Of Custody Record

BC Laboratories, Inc.

4100 Atlas Court

Bakersfield, CA 93308

(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager: Bill Borgh

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS, Dee Hutchinson, 3611 S. Harbor Blvd., Suit 200, Santa Ana, CA

ConocoPhillips Purchase Order Number: Contact Ben Chevlen

ConocoPhillips AOC #: 01634

DATE: 9/3/08

PAGE: 2 of 4

SAMPLING COMPANY: Stantec Consulting Corporation	**Valid Value ID:** SIRC	**CONOCOPHILLIPS SITE NUMBER:** 2707124	**GLOBAL ID NO.:** T0600173591
ADDRESS: 3017 Kilgore Road, #100, Rancho Cordova, CA 95670		10151 International Blvd., Oakland, CA	**CONOCOPHILLIPS SITE MANAGER:** Bill Borgh
PROJECT CONTACT (Hardcopy or PDF Report to): Ben Chevlen		**EDF DELIVERABLE TO (RP or Designee):** Clint Harms	**PHONE NO.:** 916-861-0400 x289
TELEPHONE: 916-861-0400 x289 / **FAX:** 916-861-0430	**E-MAIL:** benjamin.chevlen@stantec.com		**E-MAIL:** benjamin.chevlen@stantec.com
SAMPLER NAME(S) (Print): Charles Melancon / Khanh Chuy	**CONSULTANT PROJECT NUMBER:** 77cp.01634.44		**LAB USE ONLY:** 08-11701

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd and TPHo Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	Fish Bioassay	8260B - Full Scan VOCs (including TPHg/BTEX/ 8 oxygenates)		Metals (Cd, Cr, Pb, Ni, Zn)	RCI	Full Scan 8260B incl. MtBE/TPHg	Total Cyanides and Reactive Cyanides	Total Sulfides and Reactive Sulfides	CAM 17 Metals	Pesticides by 8081			TEMPERATURE ON RECEIPT C°
11	SB-5, 20'	9/3/08	1325	Soil	1			X																	
12	SB-5, 25'		1340	Soil	1																				
13	SB-5, 30'		1900	Soil	1																				
14	SB-5-W		1420	H_2O	4																				
15	SB-4-5'		1510	Soil	1																				
16	SB-4-10'		1520																						
17	SB-4-15'		1530																						
18	SB-4-19'		1600																						
19	SB-4-28'		1630																						
20	SB-4-29.5'		1635																						

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature) Ross Dickey BC Lab	Date: 9/5/08	Time: 1440
Relinquished by: (Signature) Ross Dickey 9/5/08	Received by: (Signature)	Date: 9-5-08	Time: 1745
Relinquished by: (Signature) 9-5-08 2030	Received by: (Signature)	Date: 9-5-08	Time: 2030

9/19/03 Revision

ConocoPhillips Chain Of Custody Record

BC Laboratories, Inc.

4100 Atlas Court

Bakersfield, CA 93308

(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager: Bill Borgh

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS, Dee Hutchinson, 3611 S. Harbor Blvd., Suit 200, Santa Ana, CA

ConocoPhillips Purchase Order Number: Contact Ben Chevlen

ConocoPhillips AOC #: 01634

DATE: 9/3/08

PAGE: 3 of 4

SAMPLING COMPANY: Stantec Consulting Corporation	Valid Value ID: SIRC	CONOCOPHILLIPS SITE NUMBER: 2707124	GLOBAL ID NO.: T0600173591
ADDRESS: 3017 Kilgore Road, #100, Rancho Cordova, CA 95670		10151 International Blvd., Oakland, CA	CONOCOPHILLIPS SITE MANAGER: Bill Borgh
PROJECT CONTACT (Hardcopy or PDF Report to): Ben Chevlen		EDF DELIVERABLE TO (RP or Designee): Clint Harms	PHONE NO.: 916-861-0400 x289
TELEPHONE: 916-861-0400 x289 / FAX: 916-861-0430	E-MAIL: benjamin.chevlen@stantec.com	E-MAIL: benjamin.chevlen@stantec.com	LAB USE ONLY: 08-11701
SAMPLER NAME(S) (Print): Charles Melancon/ Khaoly Chhuy	CONSULTANT PROJECT NUMBER: 77cp.01634.44		

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd and TPHo Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	Fish Bioassay	8260B - Full Scan VOCs (including TPHg/BTEX/ 8 oxygenates)		Metals (Cd, Cr, Pb, Ni, Zn)	RCI	Full Scan 8260B incl. MtBE/TPHg	Total Cyanides and Reactive Cyanides	Total Sulfides and Reactive Sulfides	CAM 17 Metals	Pesticides by 8081			FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
21	SB-4-W	9/3/08	1640	H_2O	4			X																	TEMPERATURE ON RECEIPT C° Product Sheen
22	SB-3, 5'	9/4/08	820	Soil	1																				
23	SB-3, 10'		830																						
24	SB-3, 15'		900																						
25	SB-3, 20'		920																						
26	SB-3, 25'		940																						
27	SB-3-W		1015																						
28	SB-7, 5'		1320																						
29	SB-7, 10'		1325																						
30	SB-7, 15'		1330																						

Relinquished by: (Signature)	Received by: (Signature) Ken Dicky BC LAB	Date: 9/5/08	Time: 1440
Relinquished by: (Signature) Ken Dicky 9/5/08	Received by: (Signature) R Khuy	Date: 9-5-08	Time: 1745
Relinquished by: (Signature) R Khuy 9-5-08 2030	Received by: (Signature)	Date: 9-5-08	Time: 2030

9/19/03 Revision

ConocoPhillips Chain Of Custody Record

BC Laboratories, Inc.

4100 Atlas Court

Bakersfield, CA 93308

(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager: Bill Borgh

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS, Dee Hutchinson, 3611 S. Harbor Blvd., Suit 200, Santa Ana, CA

ConocoPhillips Purchase Order Number: Contact Ben Chevlen

ConocoPhillips AOC #: 01634

DATE: 9/4/08

PAGE: 4 of 4

SAMPLING COMPANY: Stantec Consulting Corporation	**Valid Value ID:** SIRC	**CONOCOPHILLIPS SITE NUMBER:** 2707124	**GLOBAL ID NO.:** T0600173591
ADDRESS: 3017 Kilgore Road, #100, Rancho Cordova, CA 95670		10151 International Blvd., Oakland, CA	**CONOCOPHILLIPS SITE MANAGER:** Bill Borgh
PROJECT CONTACT (Hardcopy or PDF Report to): Ben Chevlen		**EDF DELIVERABLE TO (RP or Designee):** Clint Harms	**PHONE NO.:** 916-861-0400 x289
TELEPHONE: 916-861-0400 x289	**FAX:** 916-861-0430	**E-MAIL:** benjamin.chevlen@stantec.com	**E-MAIL:** benjamin.chevlen@stantec.com
SAMPLER NAME(S) (Print): Melancon / Charles Khamly, Shuyo	**CONSULTANT PROJECT NUMBER:** 77cp.01634.44		**LAB USE ONLY:** 08-11791

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd and TPHo Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	Fish Bioassay	8260B - Full Scan VOCs (including TPHg/BTEX/ 8 oxygenates)		Metals (Cd, Cr, Pb, Ni, Zn)	RCI	Full Scan 8260B incl. MtBE/TPHg	Total Cyanides and Reactive Cyanides	Total Sulfides and Reactive Sulfides	CAM 17 Metals	Pesticides by 8081			
31	SB-7, ~~30~~ 20'	9/4/08	1340	Soil	1			X																		
32	SB-7, 25'		1350																							
33	SB-7, 30'		1400	↓	↓																					
34	SB-7-W	↓	1415	H_2O	4																					
35	SB-2-W	9/4/08	1530	H_2O	4			↓																		Product sheen

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature) Ross Dreckay BC LAB	Date: 9/5/08	Time: 1440
Relinquished by: (Signature) Ross Dreckay 9/5/08	Received by: (Signature)	Date: 9-5-08	Time: 1745
Relinquished by: (Signature) 9-5-08 2030	Received by: (Signature)	Date: 9-5-08	Time: 2030

9/19/03 Revision

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 4

Submission #: 08-11761

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ **Comments:**

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ **Comments:**

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: _____ Container: Steam Thermometer ID: 78 82

Temperature: A 4.5 °C / C 2.0 °C

Date/Time 9-5-2008

Analyst Init ALM

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A	A	A
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: JNW Date/Time: 1700 9/8/08

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 2 of 4

Submission #: 08-117101

SHIPPING INFORMATION
Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: _____ Container: Steel Thermometer ID: 78 82

Temperature: A 4.5 °C / C 2.0 °C

Date/Time 9-5-2008

Analyst Init ALM

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	A4	( )	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A	A	A
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: JNW Date/Time: 1700 9/5/08

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 5 Of 4

Submission #: 08-11701

SHIPPING INFORMATION	SHIPPING CONTAINER
Federal Express ☐ UPS ☐ Hand Delivery ☐	Ice Chest ☑ None ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____	Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ **Comments:**

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ **Comments:**

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: _____ Container: Steel Thermometer ID: 78 82

Temperature: A 4.5 °C / C 2.0 °C

Date/Time 9-5-2008

Analyst Init AL

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	30
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A14	( )	( )	( )	( )	( )	A14	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE		A	A	A	A	A		A	A	A
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: JNW Date/Time: 1700 9/8/08

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 4 Of 4

Submission #: 08-11701

SHIPPING INFORMATION	SHIPPING CONTAINER
Federal Express ☐ UPS ☐ Hand Delivery ☐	Ice Chest ☐ None ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____	Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received	Emissivity: _____ Container: Steel Thermometer ID: 82	Date/Time 9-5-2008
☑ YES ☐ NO	Temperature: A 4.5 °C / C 2.0 °C	Analyst Init AM

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	31	32	33	34	35	36	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	A M	A M	( )	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A							
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: JDW Date/Time: 1700 9/8/08

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 09/15/2008

Ben Chevlen

Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

RE: 2707124
BC Work Order: 0811754

Enclosed are the results of analyses for samples received by the laboratory on 9/5/2008. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811754-01	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 08:04	Global ID: T0600173591
	Sampling Location:	SB-1	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-1,5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-02	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 08:10	Global ID: T0600173591
	Sampling Location:	SB-1	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-1,10	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-03	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 08:20	Global ID: T0600173591
	Sampling Location:	SB-1	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-1,15	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-04	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 08:25	Global ID: T0600173591
	Sampling Location:	SB-1	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-1,20	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-05	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 08:30	Global ID: T0600173591
	Sampling Location:	SB-1	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-1,25	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811754-06	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 08:40	Global ID: T0600173591
	Sampling Location:	SB-1	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-1,30	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-07	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 08:55	Global ID: T0600173591
	Sampling Location:	SB-1	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-1,35	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-08	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 09:00	Global ID: T0600173591
	Sampling Location:	SB-1	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-1,40	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-09	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 09:35	Global ID: T0600173591
	Sampling Location:	SB-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SB-1,W	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-10	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 10:45	Global ID: T0600173591
	Sampling Location:	SB-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-6,5	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Stantec	Project: 2707124	**Reported:** 09/15/2008 8:33
3017 Kilgore Rd. #100	Project Number: [none]	
Rancho Cordova, CA 95670	Project Manager: Ben Chevlen	

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811754-11	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 10:50	Global ID: T0600173591
	Sampling Location:	SB-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-6,10	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-12	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 10:55	Global ID: T0600173591
	Sampling Location:	SB-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-6,15	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-13	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 11:05	Global ID: T0600173591
	Sampling Location:	SB-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-6,20	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-14	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 11:13	Global ID: T0600173591
	Sampling Location:	SB-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-6,25	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-15	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 11:20	Global ID: T0600173591
	Sampling Location:	SB-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-6,30	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0811754-16	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 12:20	Global ID: T0600173591
	Sampling Location:	SB-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	SB-6,W	**Sample Matrix:**	Water	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:
0811754-17	**COC Number:**	---	**Receive Date:**	09/05/2008 20:30	Delivery Work Order:
	Project Number:	2707124	**Sampling Date:**	09/05/2008 12:11	Global ID: T0600173591
	Sampling Location:	SB-6	**Sample Depth:**	---	Matrix: SO
	Sampling Point:	SB-6,32	**Sample Matrix:**	Solids	Sample QC Type (SACode): CS
	Sampled By:	SIRC			Cooler ID:

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-01 | **Client Sample Name:** 2707124, SB-1, SB-1,5, 9/5/2008 8:04:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	97.6	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	74.9	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 22:16	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-02 | **Client Sample Name:** 2707124, SB-1, SB-1,10, 9/5/2008 8:10:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	81.5	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 12:48	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-03 | **Client Sample Name:** 2707124, SB-1, SB-1,15, 9/5/2008 8:20:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	0.062	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	0.15	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	89.4	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 13:16	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-04 | **Client Sample Name:** 2707124, SB-1, SB-1,20, 9/5/2008 8:25:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	87.3	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 13:43	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-05 | **Client Sample Name:** 2707124, SB-1, SB-1,25, 9/5/2008 8:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.9	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	104	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	89.5	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 14:11	LHS	MS-V2	1	BRI0498		

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3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-06 | **Client Sample Name:** 2707124, SB-1, SB-1,30, 9/5/2008 8:40:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.0	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	97.9	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	81.9	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/10/08 21:14	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-07 | **Client Sample Name:** 2707124, SB-1, SB-1,35, 9/5/2008 8:55:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	70 - 121 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	97.0	%	81 - 117 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	77.9	%	74 - 121 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 15:50	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-08 | **Client Sample Name:** 2707124, SB-1, SB-1,40, 9/5/2008 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	84.9	%	74 - 121 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 16:18	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-09 | **Client Sample Name:** 2707124, SB-1, SB-1,W, 9/5/2008 9:35:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
Toluene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
Ethanol	ND	ug/L	250		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dichloroethane-d4 (Surrogate)	94.9	%	76 - 114 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322		
Toluene-d8 (Surrogate)	96.8	%	88 - 110 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 21:01	mwb	MS-V13	1	BRI0322		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-10 | **Client Sample Name:** 2707124, SB-6, SB-6,5, 9/5/2008 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
Toluene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
Ethanol	ND	mg/kg	1.0		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498	ND	S08,Z1a
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	97.0	%	81 - 117 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	62.2	%	74 - 121 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 16:46	LHS	MS-V2	1	BRI0498		A20,S09

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-11 | **Client Sample Name:** 2707124, SB-6, SB-6,10, 9/5/2008 10:50:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	99.5	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	82.8	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 00:07	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-12 | **Client Sample Name:** 2707124, SB-6, SB-6,15, 9/5/2008 10:55:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	103	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	87.0	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 00:35	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-13 | **Client Sample Name:** 2707124, SB-6, SB-6,20, 9/5/2008 11:05:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498		
Toluene-d8 (Surrogate)	105	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498		
4-Bromofluorobenzene (Surrogate)	85.9	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 01:02	LHS	MS-V2	1	BRI0498		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-14 | **Client Sample Name:** 2707124, SB-6, SB-6,25, 9/5/2008 11:13:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522		
Toluene-d8 (Surrogate)	111	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522		
4-Bromofluorobenzene (Surrogate)	86.3	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 01:30	LHS	MS-V2	1	BRI0522		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-15 | **Client Sample Name:** 2707124, SB-6, SB-6,30, 9/5/2008 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522		
Toluene-d8 (Surrogate)	108	%	81 - 117 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522		
4-Bromofluorobenzene (Surrogate)	83.5	%	74 - 121 (LCL - UCL)		EPA-8260	09/09/08	09/11/08 01:58	LHS	MS-V2	1	BRI0522		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-16 | **Client Sample Name:** 2707124, SB-6, SB-6,W, 9/5/2008 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
Methyl t-butyl ether	2.0	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
Toluene	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
t-Butyl alcohol	ND	ug/L	10		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
Ethanol	ND	ug/L	250		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322	ND	Z1
1,2-Dichloroethane-d4 (Surrogate)	99.1	%	76 - 114 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322		
Toluene-d8 (Surrogate)	99.2	%	88 - 110 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322		
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)		EPA-8260	09/09/08	09/09/08 20:44	mwb	MS-V13	1	BRI0322		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811754-17 | **Client Sample Name:** 2707124, SB-6, SB-6,32, 9/5/2008 12:11:00PM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
Ethylbenzene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
Toluene	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
Total Xylenes	ND	mg/kg	0.010		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
t-Butyl alcohol	ND	mg/kg	0.050		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
Diisopropyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
Ethanol	ND	mg/kg	1.0		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522		
4-Bromofluorobenzene (Surrogate)	84.9	%	74 - 121 (LCL - UCL)		EPA-8260	09/11/08	09/11/08 17:14	LHS	MS-V2	1	BRI0522		

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Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BRI0322	Matrix Spike	0811740-01	0	25.690	25.000	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0811740-01	0	25.510	25.000	ug/L	1.0	102	20	70 - 130	
Toluene	BRI0322	Matrix Spike	0811740-01	0	23.450	25.000	ug/L		93.8		70 - 130	
		Matrix Spike Duplicate	0811740-01	0	23.720	25.000	ug/L	1.2	94.9	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0322	Matrix Spike	0811740-01	ND	9.8300	10.000	ug/L		98.3		76 - 114	
		Matrix Spike Duplicate	0811740-01	ND	9.6300	10.000	ug/L		96.3		76 - 114	
Toluene-d8 (Surrogate)	BRI0322	Matrix Spike	0811740-01	ND	9.4700	10.000	ug/L		94.7		88 - 110	
		Matrix Spike Duplicate	0811740-01	ND	9.6700	10.000	ug/L		96.7		88 - 110	
4-Bromofluorobenzene (Surrogate)	BRI0322	Matrix Spike	0811740-01	ND	9.6100	10.000	ug/L		96.1		86 - 115	
		Matrix Spike Duplicate	0811740-01	ND	9.4300	10.000	ug/L		94.3		86 - 115	
Benzene	BRI0498	Matrix Spike	0811604-10	0	0.12534	0.12500	mg/kg		100		70 - 130	
		Matrix Spike Duplicate	0811604-10	0	0.12094	0.12500	mg/kg	3.3	96.8	20	70 - 130	
Toluene	BRI0498	Matrix Spike	0811604-10	0	0.11278	0.12500	mg/kg		90.2		70 - 130	
		Matrix Spike Duplicate	0811604-10	0	0.11798	0.12500	mg/kg	4.6	94.4	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0498	Matrix Spike	0811604-10	ND	0.052642	0.050000	mg/kg		105		70 - 121	
		Matrix Spike Duplicate	0811604-10	ND	0.050457	0.050000	mg/kg		101		70 - 121	
Toluene-d8 (Surrogate)	BRI0498	Matrix Spike	0811604-10	ND	0.049313	0.050000	mg/kg		98.6		81 - 117	
		Matrix Spike Duplicate	0811604-10	ND	0.052659	0.050000	mg/kg		105		81 - 117	
4-Bromofluorobenzene (Surrogate)	BRI0498	Matrix Spike	0811604-10	ND	0.048150	0.050000	mg/kg		96.3		74 - 121	
		Matrix Spike Duplicate	0811604-10	ND	0.047458	0.050000	mg/kg		94.9		74 - 121	
Benzene	BRI0522	Matrix Spike	0811604-18	0	0.13195	0.12500	mg/kg		106		70 - 130	
		Matrix Spike Duplicate	0811604-18	0	0.13289	0.12500	mg/kg	0	106	20	70 - 130	
Toluene	BRI0522	Matrix Spike	0811604-18	0	0.13110	0.12500	mg/kg		105		70 - 130	
		Matrix Spike Duplicate	0811604-18	0	0.12290	0.12500	mg/kg	6.6	98.3	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0522	Matrix Spike	0811604-18	ND	0.051339	0.050000	mg/kg		103		70 - 121	
		Matrix Spike Duplicate	0811604-18	ND	0.048760	0.050000	mg/kg		97.5		70 - 121	

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Toluene-d8 (Surrogate)	BRI0522	Matrix Spike	0811604-18	ND	0.051086	0.050000	mg/kg		102		81 - 117	
		Matrix Spike Duplicate	0811604-18	ND	0.050789	0.050000	mg/kg		102		81 - 117	
4-Bromofluorobenzene (Surrogate)	BRI0522	Matrix Spike	0811604-18	ND	0.045658	0.050000	mg/kg		91.3		74 - 121	
		Matrix Spike Duplicate	0811604-18	ND	0.049299	0.050000	mg/kg		98.6		74 - 121	

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BRI0322	BRI0322-BS1	LCS	24.810	25.000	0.50	ug/L	99.2		70 - 130		
Toluene	BRI0322	BRI0322-BS1	LCS	26.120	25.000	0.50	ug/L	104		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI0322	BRI0322-BS1	LCS	9.3000	10.000		ug/L	93.0		76 - 114		
Toluene-d8 (Surrogate)	BRI0322	BRI0322-BS1	LCS	10.100	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRI0322	BRI0322-BS1	LCS	9.7200	10.000		ug/L	97.2		86 - 115		
Benzene	BRI0498	BRI0498-BS1	LCS	0.12113	0.12500	0.0050	mg/kg	96.9		70 - 130		
Toluene	BRI0498	BRI0498-BS1	LCS	0.10908	0.12500	0.0050	mg/kg	87.3		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI0498	BRI0498-BS1	LCS	0.050427	0.050000		mg/kg	101		70 - 121		
Toluene-d8 (Surrogate)	BRI0498	BRI0498-BS1	LCS	0.047681	0.050000		mg/kg	95.4		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRI0498	BRI0498-BS1	LCS	0.048498	0.050000		mg/kg	97.0		74 - 121		
Benzene	BRI0522	BRI0522-BS1	LCS	0.13072	0.12500	0.0050	mg/kg	105		70 - 130		
Toluene	BRI0522	BRI0522-BS1	LCS	0.11975	0.12500	0.0050	mg/kg	95.8		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRI0522	BRI0522-BS1	LCS	0.049387	0.050000		mg/kg	98.8		70 - 121		
Toluene-d8 (Surrogate)	BRI0522	BRI0522-BS1	LCS	0.047938	0.050000		mg/kg	95.9		81 - 117		
4-Bromofluorobenzene (Surrogate)	BRI0522	BRI0522-BS1	LCS	0.049410	0.050000		mg/kg	98.8		74 - 121		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Toluene	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Total Xylenes	BRI0322	BRI0322-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BRI0322	BRI0322-BLK1	ND	ug/L	10		
Diisopropyl ether	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Ethanol	BRI0322	BRI0322-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BRI0322	BRI0322-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BRI0322	BRI0322-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRI0322	BRI0322-BLK1	86.8	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0322	BRI0322-BLK1	99.6	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0322	BRI0322-BLK1	103	%	86 - 115 (LCL - UCL)		
Benzene	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Toluene	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRI0498	BRI0498-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		

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Stantec
3017 Kilgore Rd. #100
Rancho Cordova, CA 95670

Project: 2707124
Project Number: [none]
Project Manager: Ben Chevlen

Reported: 09/15/2008 8:33

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
t-Butyl alcohol	BRI0498	BRI0498-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Ethanol	BRI0498	BRI0498-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRI0498	BRI0498-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRI0498	BRI0498-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRI0498	BRI0498-BLK1	105	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0498	BRI0498-BLK1	108	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0498	BRI0498-BLK1	84.0	%	74 - 121 (LCL - UCL)		
Benzene	BRI0522	BRI0522-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BRI0522	BRI0522-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BRI0522	BRI0522-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BRI0522	BRI0522-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BRI0522	BRI0522-BLK1	ND	mg/kg	0.0050		
Toluene	BRI0522	BRI0522-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BRI0522	BRI0522-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BRI0522	BRI0522-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BRI0522	BRI0522-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BRI0522	BRI0522-BLK1	ND	mg/kg	0.0050		
Ethanol	BRI0522	BRI0522-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BRI0522	BRI0522-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BRI0522	BRI0522-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BRI0522	BRI0522-BLK1	103	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0522	BRI0522-BLK1	104	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0522	BRI0522-BLK1	84.8	%	74 - 121 (LCL - UCL)		

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Stantec	Project:	2707124	**Reported:** 09/15/2008 8:33
3017 Kilgore Rd. #100	Project Number:	[none]	
Rancho Cordova, CA 95670	Project Manager:	Ben Chevlen	

Notes And Definitions

MDL	Method Detection Limit
ND	Analyte Not Detected at or above the reporting limit
PQL	Practical Quantitation Limit
RPD	Relative Percent Difference
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
S08	The internal standard on the sample was not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.
Z1	Copious amount of sediment in voas: decanted two voas.
Z1a	Sample was analysed twice at 5.0g and both times internal standard and surrogate was low.

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ConocoPhillips Chain Of Custody Record

081754

BC Laboratories, Inc.
4100 Atlas Court
Bakersfield, CA 93308
(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager: Bill Borgh

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS, Dee Hutchinson, 3611 S. Harbor Blvd., Suit 200, Santa Ana, CA

ConocoPhillips Purchase Order Numbe: Contact Ben Chevlen

ConocoPhillips AOC #: 01634

DATE: 9/5/08
PAGE: 1 of 2

SAMPLING COMPANY: Stantec Consulting Corporation	**Valid Value ID:** SIRC	**CONOCOPHILLIPS SITE NUMBER** 2707124	**GLOBAL ID NO.:** T0600173591
ADDRESS: 3017 Kilgore Road, #100, Rancho Cordova, CA 95670		10151 International Blvd., Oakland, CA	**CONOCOPHILLIPS SITE MANAGER:** Bill Borgh
PROJECT CONTACT (Hardcopy or PDF Report to): Ben Chevlen		**EDF DELIVERABLE TO (RP or Designee):** Clint Harms	**PHONE NO.:** 916-861-0400 x289
TELEPHONE: 916-861-0400 x289	**FAX:** 916-861-0430	**E-MAIL:** benjamin.chevlen@stantec.com	**E-MAIL:** benjamin.chevlen@stantec.com
SAMPLER NAME(S) (Print): RChuge, B.Debeer	**CONSULTANT PROJECT NUMBER** 77cp.01634.44		**LAB USE ONLY**

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd and TPHo Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	Fish Bioassay	8260B - Full Scan VOCs (including TPHg/BTEX/ 8 oxygenates)		Metals (Cd, Cr, Pb, Ni, Zn)	RCI	Full Scan 8260B incl. MtBE/TPHg	Total Cyanides and Reactive Cyanides	Total Sulfides and Reactive Sulfides	CAM 17 Metals	Pesticides by 8081			TEMPERATURE ON RECEIPT C°
1	SB-1,5'	9/5/08	0804	Soil	1			X																	
2	SB-1,10'		0810																						
3	SB-1,15'		0820																						
4	SB-1,20'		0825																						
5	SB-1,25'		0830																						
6	SB-1,30'		0840																						
7	SB-1,35'		0855																						
8	SB-1,40'		0900																						
9	SB-1-40		0935	H2O	4																				
10	SB-6on5'		1105	Soil	2																				

CHK BY DISTRIBUTION SUB OUT

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date: 9/5/08	Time: 1440
Relinquished by: (Signature) 9/5/08	Received by: (Signature)	Date: 9-5-08	Time: 1745
Relinquished by: (Signature) 9-5-08 2030	Received by: (Signature)	Date: 9-5-08	Time: 2030

9/19/03 Revision

ConocoPhillips Chain Of Custody Record

BC Laboratories, Inc.

4100 Atlas Court

Bakersfield, CA 93308

(661) 327-4911 (661) 327-1918 fax

ConocoPhillips Site Manager: Bill Borgh

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS, Dee Hutchinson, 3611 S. Harbor Blvd., Suit 200, Santa Ana, CA

ConocoPhillips Purchase Order Number: Contact Ben Chevlen

ConocoPhillips AOC #: 01634

DATE: 9/5/08

PAGE: 2 of 2

SAMPLING COMPANY: Stantec Consulting Corporation	Valid Value ID: SIRC	CONOCOPHILLIPS SITE NUMBER: 2707124	GLOBAL ID NO.: T0600173591
ADDRESS: 3017 Kilgore Road, #100, Rancho Cordova, CA 95670		10151 International Blvd., Oakland, CA	CONOCOPHILLIPS SITE MANAGER: Bill Borgh
PROJECT CONTACT (Hardcopy or PDF Report to): Ben Chevlen		EDF DELIVERABLE TO (RP or Designee): Clint Harms	PHONE NO.: 916-861-0400 x289
TELEPHONE: 916-861-0400 x289	FAX: 916-861-0430	E-MAIL: benjamin.chevlen@stantec.com	E-MAIL: benjamin.chevlen@stantec.com
SAMPLER NAME(S) (Print): K Chevlen, B. Deboer	CONSULTANT PROJECT NUMBER: 77cp.01634.44		LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd and TPHo Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oyxgenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	Fish Bioassay	8260B - Full Scan VOCs (including TPHg/BTEX/ 8 oxygenates)		Metals (Cd, Cr, Pb, Ni, Zn)	RCI	Full Scan 8260B Incl. MtBE/TPHg	Total Cyanides and Reactive Cyanides	Total Sulfides and Reactive Sulfides	CAM 17 Metals	Pesticides by 8081			FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
11	SB-6, 10'	9/5/08	1050	Soil	1			X																	
12	SB-6, 15'		~~1100~~ 1055																						
13	SB-6, 20'		1105																						
14	SB-6, 25		1113																						
15	SB-6, 30'		1120	↓	↓																				
16	SB-6-W	↓	1220	H_2O	3			↓																	
17	SB-6-32'	9/5/08	1211	Soil	1			X																	

CHK BY DISTRIBUTION

SUB OUT

Relinquished by: (Signature)	Received by: (Signature)	Date: 9/5/08	Time: 1440
Relinquished by: (Signature) 9/5/08	Received by: (Signature)	Date: 9-5-08	Time: 1745
Relinquished by: (Signature) 9-5-08 2080	Received by: (Signature)	Date: 9-5-08	Time: 2030

9/19/03 Revision

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 2

Submission #:

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: _____ Container: Steam Thermometer ID: 78 82

Temperature: A 4.5 °C / C 2.0 °C

Date/Time 9-3-08 2040

Analyst Init ALs

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	( )	( )	( )	A 4	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A	A	A	A	A		A
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By: AMB Date/Time: 9-8-08 1100

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 2 Of 2

Submission #:

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER

Ice Chest ☑ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: _____ Container: Steam Thermometer ID: 78 82

Temperature: A 4.5 °C / C 2.0 °C

Date/Time 9-5-2008

Analyst Init AL

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	( )	( )	( )	( )	( )	A 3	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE	A	A	A	A	A		A			
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By:_____ Date/Time:_____

A = Actual / C = Corrected

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]