76 Broadway
Sacramento, California 95818

April 4, 2011

Ms. Barbara Jakub
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Re: **CPT Site Assessment Report Transmittal**
76 Service Station #6129
3420 35th Avenue
Oakland, California

Dear Ms. Jakub:

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.

If you have any questions or need additional information, please call:

Ted Moise (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818

Phone: (510) 245-5162
Fax: (918) 662-4480
Ted.Moise@contractor.conocophillips.com

Sincerely,

Eric G. Hetrick
Site Manager
Risk Management & Remediation

Attachment

CPT SITE ASSESSMENT REPORT

76 Service Station No. 6129
3420 35th Avenue
Oakland, CA

Antea Group Project No. C106129

April 4, 2011

Prepared for:
ConocoPhillips
76 Broadway
Sacramento, CA 95818

Prepared by:
Antea™Group
11050 White Rock Road
Suite 110
Rancho Cordova, CA
95670

Inogen Environmental Alliance

Antea USA, Inc.

Antea Group
11050 White Rock Road, Suite 110
Rancho Cordova, California 95670
www.anteagroup.com

April 4, 2011

Ms. Barbara Jakub
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RE: CPT Site Assessment Report
76 Station No. 6129
3420 35th Avenue
Oakland, California

Dear Ms. Jakub:

Due to global rebranding, as of January 5, 2011 Delta Consultants (Delta) has become Antea Group. Any work performed or reports submitted prior to this date will still be referenced using the Delta name.

On behalf of ConocoPhillips Company (COP), Antea Group is submitting this *Site Assessment and Monitoring Well Installation Report* for 76 Station No. 6129 in Oakland, California. Approval for this work was granted in an Alameda County Health Care Services (ACHCS) letter to ConocoPhillips dated September 17, 2009 (Appendix A).

Please contact James Barnard at (916) 503-1279 if you have questions.

Sincerely,

ANTEA™GROUP

James Barnard
Project Manager

Enclosure

cc: Ted Moise, ConocoPhillips (1 electronic copy only)

Inogen®

CPT SITE ASSESSMENT REPORT
76 Service Station No. 6129
3420 35th Avenue
Oakland, Alameda County, California

April 4, 2011

Prepared for
ConocoPhillips Company
76 Broadway
Sacramento, California

The material and data in this report were prepared under the supervision and direction of the undersigned.

ANTEA™GROUP

Stephen Meninger
Project Geologist

Alan Buehler
Staff Geologist

Caitlin Morgan
Staff Scientist

James B. Barnard, P.G.
Project Manager
California Registered Professional Geologist No. 7478

REGISTERED PROFESSIONAL GEOLOGIST
JAMES B. BARNARD
No. 7478
Expires: 9/12
GEOLOGY
STATE OF CALIFORNIA

1.0 INTRODUCTION

On behalf of ConocoPhillips, Delta has prepared this report for the 76 Service Station No. 6129 (site) located at 3420 35th Avenue in Oakland, California (Figure 1). Approval for this work was granted in an Alameda County Health Care Services Agency (ACHCS) letter to ConocoPhillips dated September 17, 2009 (Appendix A). The purpose of this report is to provide a summary of the site assessment activities. The locations of all current and historical sampling locations are shown on the included site plan (Figure 2).

2.0 SITE BACKGROUND AND PREVIOUS ENVIRONMENTAL WORK

According to Kaprealian Engineering, Inc. (KEI), in 1989 two 10,000-gallon gasoline USTs and one 550-gallon waste oil UST were removed from the site. Analytical data from soil samples collected beneath the former gasoline USTs, used-oil UST, and product piping indicated low concentrations of petroleum hydrocarbons were present in each of the sampling areas. Three groundwater monitoring wells (MW-1 through MW-3) were installed in 1989 to depths of approximately 44 feet below ground surface (bgs).

In 1990, four soil borings (EB1 through EB4) were advanced at the site in the vicinity of MW-3 in an attempt to define the petroleum hydrocarbon impact to soil. Based on the analytical data from the soil sampling, approximately 230 cubic yards of soil were excavated from an area between the dispenser islands and around monitoring well MW-3 in 1991. The excavation was completed as to not destroy monitoring well MW-3. Analytical data from confirmation soil samples indicated the majority of the impacted soil had been removed.

On November 12 and 13, 2003, as part of a due diligence investigation, four soil borings (SB-1 and SB-3 through SB-5) were advanced to total depths of approximately 31.5 to 36.5 feet bgs. Proposed boring SB-2 was unable to be advanced due to the presence of subsurface utilities and/or structures. Groundwater was encountered in the borings at a depth of approximately 35 feet bgs. Methyl tertiary butyl ether (MTBE) was reported at concentrations ranging from 0.37 to 0.41 milligrams per kilogram (mg/kg) in the soil samples collected at depths ranging from 26 and 31 feet bgs. All other constituents were below the laboratory's indicated reporting limits for the soil samples analyzed. The three existing groundwater monitoring wells were sampled on November 13, 2003. Analytical data indicated MTBE was present at concentrations ranging from 240 and 3,700 micrograms per liter (µg/L), with the most elevated concentrations found in monitoring wells MW-2 (2,100 µg/L) and MW-3 (3,700 µg/L).

On September 13, 2006, Delta observed the advancement of six boreholes by a licensed contractor using CPT technology. The CPT borings provided accurate continuous records of the subsurface lithology and stratigraphy and measured depth to first groundwater. Groundwater and soil samples were not collected from the CPT borings.

On November 7 and 8, 2006, Delta observed the advancement of five soil borings (B-2, B-7, B-8, B-9, and B-14) by a licensed contractor using hollow stem auger technology. Four of these soil borings were advanced adjacent to the previously advanced CPT borings. On December 27, 2006, four soil borings (B-10, B-12, B-15, and B-16) were advanced using hollow stem auger technology. Soil samples were collected every five feet for lithologic descriptions, field hydrocarbon screening, and laboratory analysis. A description of this work is presented in the *Soil Boring Site Assessment Report* dated February 19, 2007.

2.1 SENSITIVE RECEPTORS

2004 - A 1,000-foot radius well search was completed by the request of the Alameda County Public Works Agency (ACPWA). The search indicated that a six-inch diameter irrigation well was located at 3397 Arkansas Street, approximately 800 feet west-northwest of the site. The well was installed in August 1977 to a total depth of 62 feet bgs with depth to water reported at 18 feet bgs. Alameda County Health Care Services update of July 30, 1984 reported the well owner as Arthur Smith.

2006 – A survey entailing a visit to the State of California Department of Water Resources (DWR) office in Sacramento was conducted to examine well log records and to identify domestic wells within the survey area. The DWR survey indicated three potential receptors were located within one mile of the site; two irrigation wells located 0.5 mile and 0.8 mile north (up-gradient) of the site and one domestic/irrigation well located 0.8 mile northeast (up-gradient) of the site. Two additional potential receptors were identified although the specific addresses could not be located. Based on groundwater gradient information and distance to the receptors from the site, identified receptors do not appear to be at risk due to gasoline constituents in groundwater at the site.

2.2 SITE GEOLOGY

The site is underlain by lean clay with varying amounts of silty sand and silty gravel to the maximum explored depth of 55 feet bgs. The subsurface stratigraphy is composed of predominately fine-grained sediments of varying thickness with alternating laterally discontinuous lenses of medium and coarse-grained sediments. Soil encountered during drilling activities consists of lean clay, silt with sand, silty sand, silty gravel with sand, gravelly lean clay, clayey sand with gravel, clayey gravel with sand, and cobbly fill material at grade to approximately three-foot depth. The underlying sediments generally consisted of clays, clay with sand, and silty clay/clayey silt.

During the 2009 investigation (borings B-17 through B-21) clays, clay with sand, clayey silt, and numerous layers of cemented sand and very stiff clays/silts were encountered. In borings B-19 and B-21, very thin layers of sand and sandy gravel were encountered between 45 and 52 feet bgs. However, these coarse grained layers were not saturated and were not observed in the other CPT borings.

A site map with geological cross section lines is included as Figure 3. Geologic cross sections A-A', B-B', C-C', D-D', and E-E' are included as Figure 4, Figure 5, Figure 6, Figure 7, and Figure 8. Please note that the cross section include data from the adjacent former Valero/Exxon Service station across Quigley Street. Additionally, monitoring wells MW-1 though MW-3 on the 76 service station have been omitted from the cross sections due to major inconsistencies in logged subsurface materials when compared with the 21 additional borings that have been advanced on the site.

2.3 SITE HYDROGEOLOGY

Groundwater was initially measured at 35 feet bgs during drilling of monitor wells MW-1 through MW-3 at the site. Each monitor well was completed as a two-inch well to total depth 44 feet bgs. Following completion and development of the wells, the first recorded depth to static groundwater was 31.88 to 33.02 feet below top of casing (btoc) (January 5, 1990). First water in boring SB-1 was encountered at 35 feet bgs. First water was not encountered in borings SB-3 through SB-5). First water in borings B-2 to B-16 was encountered at depths of 16 feet to 37 feet bgs. During the October 2009 investigation, groundwater was not encountered between 40 feet and 52 feet bgs.

Historic groundwater flow directions are predominantly southwest. During the most recent groundwater monitoring and sampling event (May 28, 2009), depth to static groundwater was measure between 27.55 feet (MW-3) and 28.25 feet btoc (MW-1). Groundwater flow direction and gradient was to the southwest at 0.02 feet per foot (ft/ft).

3.0 SITE ASSESSMENT ACTIVITIES

3.1 PRE FIELD ACTIVITIES

Before commencing field operations, Delta obtained necessary access agreements and prepared a site-specific Health and Safety plan in accordance with state and federal requirements for use during site assessment activities. In addition, drilling permits for the proposed borings and monitoring wells were obtained from the Alameda County Public Works Agency (ACPWA), and are included in Appendix B. Prior to drilling, Underground Service Alert (USA) was notified as

required and a private utility locating service visited the site to clear the proposed boring locations for underground utilities. On October 19 through October 21, 2009 the proposed soil and groundwater boring locations were further cleared by air and water vacuum to avoid damage to possible underground utilities.

3.2 BORING PLACEMENT

Delta advanced borings in five locations to delineate the horizontal and vertical extent of petroleum hydrocarbon impact on-site. A total of 15 boreholes were cleared for the five locations (three borings at each location) for the Cone Penetration Test (CPT), soil sampling, and discrete depth groundwater sampling. For the purposes of this report, the set of three boreholes at each location is considered as one boring. The locations of the borings and sample collections are depicted on Figure 2.

3.3 SCOPE OF ASSESSMENT FIELD WORK – CPT BORINGS

Between October 22 and October 26, 2009, five borings (B-17 through B-21) were advanced by Gregg Drilling (Gregg), using Cone Penetrometer Testing (CPT) equipment equipped with a stratigraphic logging tip and a UVIF module operated by Gregg. The borings consisted of three separate boreholes all located within approximately 3 feet of each other. The initial borehole was drilled to provide a CPT log of subsurface lithology. The second borehole was drilled to collect soil samples for identification and laboratory analysis. The remaining borehole was drilled to collect discrete groundwater samples in the water-bearing zone. CPT data logs are presented as Appendix C, and boring details are included in Table 1.

Soil samples were collected using a direct push piston sampler, and all soil samples were collected from the same borehole. A sealed piston was advanced within the core barrel of the CPT to the desired sample depth. The piston was opened and driven to further depth to collect a soil sample at which time the piston assembly was removed and the soil sample recovered. Sample tubes were collected and were sealed with Teflon tape and plastic end caps, and then placed on ice pending transport under chain-of-custody protocol to BC Labs for analysis. The remaining soil collected from the sample tubes was used for field screening using a photo-ionization detector (PID) and lithologic description purposes. All samples were logged by a field geologist using the Unified Soil Classification System (USCS) per ASTM D-2488. In general, soil samples were collected from borings B-17 through B-21 at depth of 10, 20, 30, 40, and 50 feet bgs. A table summarizing the soil samples collected from all CPT borings has been included as Table 1.

Soil samples collected from borings B-17 through B-21 were submitted for laboratory analysis for TPHg, BTEX, MTBE, di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), 1,2-dichloroethane (1,2-DCA), Ethanol, ethylene dibromide (EDB) - (8 oxygenates) by EPA method 8260B. Additionally, the soil samples collected from boring B-21 were also analyzed for Total Oil and Grease by EPA Method 1664. Samples selected for laboratory analysis were properly labeled and placed on ice pending transportation to a California-certified laboratory and accompanied by appropriate chain-of-custody documentation during transportation to the laboratory. Soil analytical results are presented in Table 2, and certified laboratory analytical reports are included in Appendix D.

Subsequent to soil sampling, grab groundwater samples were attempted to be collected at all five boring locations using a hydropunch sampling tool equipped to the CPT rig (using a different borehole than the CPT and soil sampling holes). A closed screen sampler assembly was driven with the outer tube casing in place. When the desired groundwater sample depths were reached (43 to 52 feet bgs) the outer casing was retracted to expose the screen to groundwater. A small-diameter bailer was then lowered through the drill casing and a groundwater sample was attempted to be collected. Observations are described below:

Boring	Screened Depth (feet bgs)	Exposed Screen Length (feet)	Sampling Time (minutes)	Observations
B-17	43 - 45	2	40	No water in borehole, no moisture on bailer
B-17	49 - 51	2	35	No water in borehole, no moisture on bailer
B-18	43.5 - 45.5	2	25	No water in borehole, no moisture on bailer
B-18	49 - 51	2	30 + 30	No water in borehole, moisture observed on bailer after 30 minutes but no recoverable water in borehole after waiting an additional 30 minutes
B-19	42 - 44	2	40	No water in borehole, no moisture on bailer
B-19	50 - 52	2	25	No water in borehole, no moisture on bailer
B-20	43 - 45	2	35	No water in borehole, no moisture on bailer
B-20	49 - 51	2	30	No water in borehole, no moisture on bailer
B-21	43 - 45, 40 - 45	2,5	100,25	No water in borehole, no moisture on bailer
B-21	46 - 51	5	25	No water in borehole, no moisture on bailer

Based on the description above, grab groundwater sampling was unsuccessful. Additionally, none of the recovered soil samples were described to be other than moist when referring to moisture content. Once soil sampling was completed, the boreholes were grouted using the tube casing as a tremie pipe. Neat cement grout was placed to just below the ground surface. The remaining portion of the boreholes were completed with a concrete cap and dyed to match existing surface conditions. The boreholes were backfilled and completed in accordance with ACPWA rules and regulations.

3.4 MONITORING WELL INSTALLATION

Based on the subsurface geology observed in borings B-17 though B-21, and the lack of recoverable groundwater at the proposed screened intervals, groundwater monitoring wells MW-4 and MW-4A were not advanced and installed. ACEH was informed of the change of scope on January 25, 2010, in a phone/email communication with ConocoPhillips.

3.5 HANDLING OF GENERATED WASTE

Drill cuttings and wastewater generated during CPT boring advancement and groundwater monitoring well installation activities were placed into properly labeled 55-gallon Department of Transportation (DOT) approved steel drums and stored on-site. These waste materials have been accepted for disposal and were transported to a ConocoPhillips-approved facility on December 14, 2009.

4.0 SUMMARY OF FINDINGS

The CPT Site Assessment was to determine if groundwater was going offsite. Results from the investigation showed that groundwater was not going offsite due to the fact that groundwater was never encountered in any of the borings (B-17 through B-21) to a maximum depth of 52 feet.

5.0 LIMITATONS

The recommendations contained in this report represent Antea Group's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Antea Group and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea Group 's Client and anyone else specifically listed on this report. Antea Group will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea Group makes no express or implied warranty as to the contents of this report.

CONSULTANT: **ANTEA™GROUP**

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TABLES

Table 1 – CPT Soil Sample Collection Table
Table 2 – Soil Analytical Data

FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Plan with Current and Historical Sampling Locations
Figure 3 – Site Map with Geologic Cross Section Lines
Figure 4 – Geologic Cross Section A-A'
Figure 5 – Geologic Cross Section B-B'
Figure 6 – Geologic Cross Section C-C'
Figure 7 – Geologic Cross Section D-D'
Figure 8 – Geologic Cross Section E-E'

APPENDICES

Appendix A – ACEHS Letter to COP dated September 17, 2009
Appendix B – ACPWA Drilling Permit
Appendix C – CPT Data Logs and Boring Logs
Appendix D – Certified Laboratory Analytical Reports

TABLES

TABLE 1

DELTA

Project No: **C106129**
Client: **ConocoPhillips**
Logged By: **Stephen Meninger**
Location: **3420 35th Avenue, Oakland**
Driller: **Gregg**
Date Drilled: **10/22/2009- 10/26/2009**
Drilling Method: **CPT**
Hole Depth: **50.197' bgs**
Sampling Method: **Direct Push**
First Water Depth: **N/A**
Water Depth Before Grouting: **N/A**

SAMPLE ID	Depth	DATE	TIME	PID READING	SOIL TYPE	LITHOLOGY / DESCRIPTION
B-21	10-11' bgs	10/22/09	10:29	0.2	CL	Lean Clay with Silt; light brown with green mottling, medium to high plasticity; medium stiff; moist. No odor.
B-21	20-21' bgs	10/22/09	10:34	0.7	SC	Clayey Sand, trace silt; brown; fine to medium grained; medium dense; moist. No odor.
B-21	30-31' bgs	10/22/09	10:45	0.2	CL	Clay with Silt, trace amounts of coarse sand; brown; medium stiff; medium plasticity; moist. No odor.
B-21	40-41' bgs	10/22/09	11:25	0.6	CL	Clay with Sand, trace amounts of silt; brown; fine to coarse grained; medium plasticity; medium stiff; moist.
B-21	50.197' bgs	10/22/09	11:40	0.2	CL	Sandy Clay; brown; coarse grained, trace silts; medium stiff, no to low plasticity; moist to damp. No odor.
B-18	10-11' bgs	10/23/09	7:25	0.0	SC	Clayey Sand, trace silt; brown; fine to coarse grained; medium dense; moist. No odor.
B-18	20-21' bgs	10/23/09	7:32	0.3	CL	Lean Clay with Sand; brown; coarse grained; medium stiff; moist to wet. No odor.
B-18	30-31' bgs	10/23/09	7:43	0.4	SC	Cemented Sand with Clay; brown to light brown; fine to coarse grained; dense; moist. No odor.
B-18	40-41' bgs	10/23/09	7:51	0.0	CL	Clay with sand; brown; fine to coarse grained; low plasticity; moist. No odor.
B-18	55.118' bgs	10/23/09	8:00	0.0	CL	Clay with sand; brown; fine to coarse grained; low plasticity; moist. No odor.
B-17	10-11' bgs	10/23/09	11:07	0.0	CL	Clay with sand, trace fine gravel; brown; coarse grained sand; medium stiff to stiff; moist. No odor.
B-17	20-21' bgs	10/23/09	11:15	0.0	CL	Sandy Clay; brown to light brown; medium coarse; moist. No odor.
B-17	30-31' bgs	10/23/09	11:21	0.0	CL	Sandy Clay, trace gravel; brown; low plasticity; medium soft to medium stiff; moist. No odor.
B-17	40-41' bgs	10/23/09	11:31	0.4	CL	Clay with Sand, trace gravel; brown; coarse to medium sand; low plasticity; stiff; moist. No odor

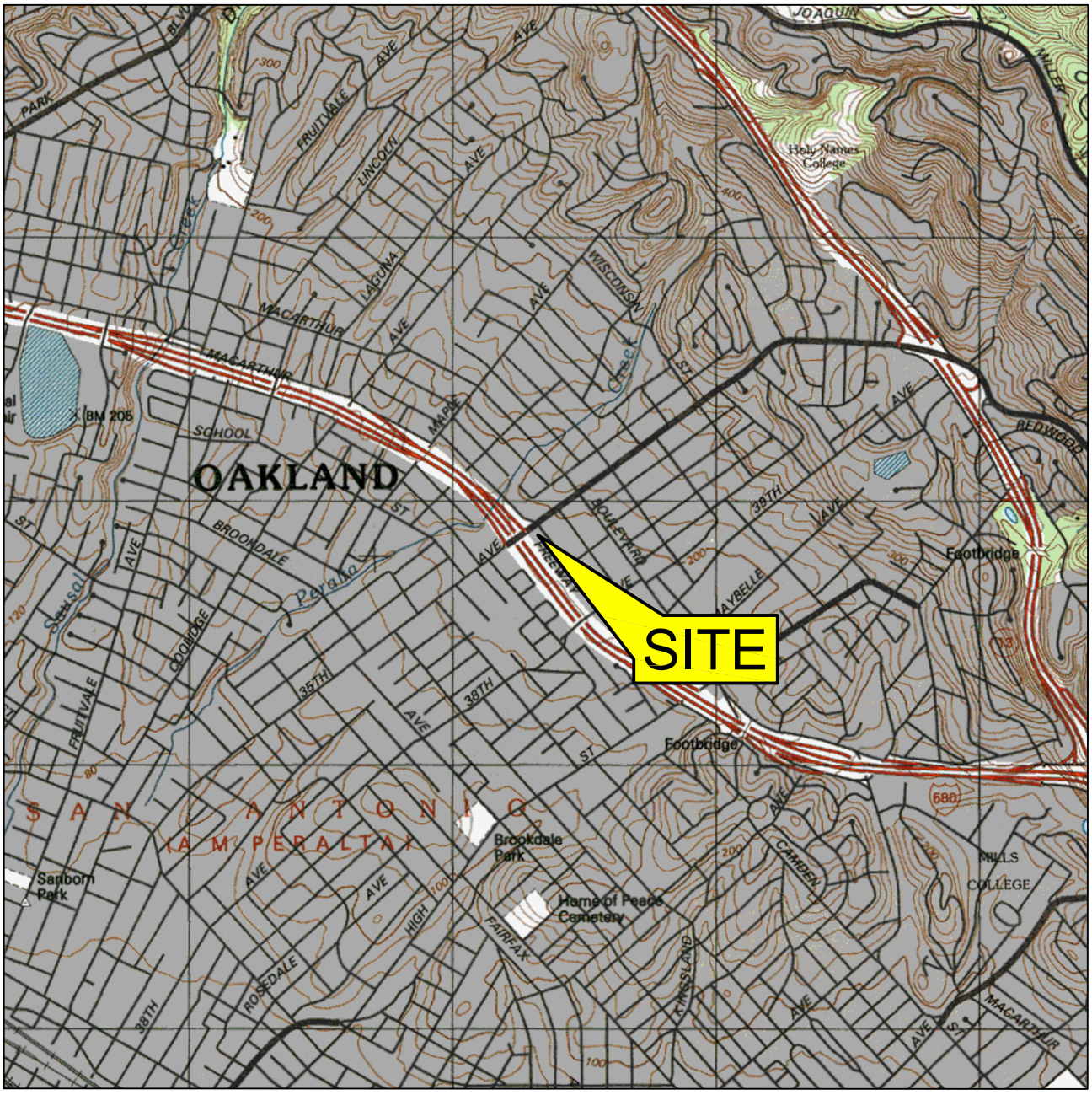
Table 2
SOIL ANALYTICAL RESULTS
ConocoPhillips Station No. 6129
Oakland, California

Sample ID	Date	Time	Sample Depth (feet)	TPH-G (mg/kg)	TOG (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	TBA (mg/kg)	ETBE (mg/kg)	TAME (mg/kg)	DIPE (mg/kg)	1,2-DCA (mg/kg)	EDB (mg/kg)	Ethanol (mg/kg)
Soil																	
B-17-10	10/23/09	11:07	10-11	<0.20	--	<0.005	<0.005	<0.005	<0.01	**0.0072**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-17-20	10/23/09	11:15	20-21	<0.20	--	<0.005	<0.005	<0.005	<0.01	**0.011**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-17-30	10/23/09	11:21	30-31	<0.20	--	<0.005	<0.005	<0.005	<0.01	**0.010**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-17-40	10/23/09	11:31	40-41	<0.20	--	<0.005	<0.005	<0.005	<0.01	**0.022**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-17-50	10/23/09	11:43	50-51	<0.20	--	<0.005	<0.005	<0.005	<0.01	**0.006**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-18-10	10/23/09	7:25	10-11	<0.20	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-18-20	10/23/09	7:32	20-21	<0.20	--	<0.005	<0.005	<0.005	<0.01	**0.028**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-18-30	10/23/09	7:43	30-31	<0.20	--	<0.005	<0.005	<0.005	<0.01	**0.022**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-18-40	10/23/09	7:51	40-41	<0.20	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-18-50	10/23/09	8:00	50-51	<0.20	--	<0.005	<0.005	<0.005	<0.01	**0.018**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-19-10	10/26/09	7:22	10-11	<0.20	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-19-20	10/26/09	7:28	20-21	<0.20	--	<0.005	<0.005	<0.005	<0.01	**0.10**	**0.067**	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-19-31	10/26/09	7:35	31-32	<0.20	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-19-40	10/26/09	7:45	40-41	<0.20	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-19-50	10/26/09	8:02	50-51	<0.20	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-20-10	10/26/09	12:09	10-11	<0.20	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-20-20	10/26/09	12:15	20-21	<0.20	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-20-31	10/26/09	12:23	30-31	<0.20	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-20-40	10/26/09	12:30	40-41	<0.20	--	<0.005	<0.005	<0.005	<0.01	**0.16**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-20-50	10/26/09	12:47	50-51	<0.20	--	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-21-10	10/22/09	10:25	10-11	<0.20	<50	<0.005	<0.005	<0.005	<0.01	**0.024**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-21-20	10/22/09	10:34	20-21	<0.20	<50	<0.005	<0.005	<0.005	<0.01	**0.036**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-21-30	10/22/09	10:45	30-31	<0.20	<50	<0.005	<0.005	<0.005	<0.01	**0.035**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-21-40	10/22/09	11:25	40-41	<0.20	<50	<0.005	<0.005	<0.005	<0.01	<0.005	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0
B-21-50	10/22/09	11:40	50-51	<0.20	<50	<0.005	<0.005	<0.005	<0.01	**0.013**	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<1.0

TPH-G = total purgeable petroleum hydrocarbons by EPA Method 8260B
TOG = total oil and grease by EPA Method 1664
BTEX = benzene, toluene, ethylbenzene, total xylenes by EPA Method 8260B
MTBE = methyl tertiary butyl ether by EPA Method 8260B
TBA = tertiary butyl alcohol by EPA Method 8260B
ETBE = ethyl tertiary butyl ether by EPA Method 8260B
TAME = tertiary amyl methyl ether by EPA Method 8260B
DIPE = di-isopropyl ether by EPA Method 8260B
1,2-DCA = 1,2-Dichloroethane (also known as ethylene dichloride) by EPA Method 8260B
EDB = ethylene dibromide (also known as 1,2-Dibromoethane) by EPA method 8260B
Ethanol was analyzed by EPA Method 8260B

mg/kg = milligrams per kilogram
Bold = detected compound concentration
EPA = US Environmental Protection Agency
* = estimated value (CLP Flag)

FIGURES



North

SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP, OAKLAND EAST QUADRANGLE, 1967

FIGURE 1

SITE LOCATION MAP

76 STATION NO. 6129
3420 35th AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106-129	DRAWN BY JH 09/09/08
FILE NO. Site Locator 6129	PREPARED BY DD
REVISION NO. 2	REVIEWED BY

DELTA

North

LEGEND

- GROUNDWATER MONITORING WELL
- SOIL BORING (DELTA 2009)
- SOIL BORING LOCATIONS
- EB-1 (1990)
- SB-1 (2003)
- B-1 (2006)
- PROPOSED MONITORING WELL
- EXXON MONITORING WELL
- DESTROYED EXXON MONITORING WELL
- SOIL BORING (ERI)
- SOIL BORING (GTI, 1986)
- SOIL BORING (HLA, 1988)
- SOIL BORING (ALTON, 1991)
- SOIL SAMPL LOCATION (TRC, 2002)
- SOIL SAMPLE LOCATION (ALTON)
- EXCAVATION AREA
- UNDERGROUND WATER LINE
- UNDERGROUND SEWER LINE
- UNDERGROUND GAS LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND ELECTRIC LINE
- OVERHEAD ELECTRIC LINE
- UNKNOWN METAL UTILITY
- AREA LIGHT
- UTILITY POLE
- SEWER MANHOLE

FENCE
CANOPY
FORMER DISPENSER ISLANDS
FORMER USTs
FORMER HOIST
FORMER USED OIL TANK
BUILDING
WALL
DRIVEWAY
PLANTER
QUIGLEY STREET
35TH AVENUE
DISPENSER ISLANDS
UST
HOIST (TYP.)
EXISTING WASTE OIL TANK
MW1 MW2 MW3 MW4 MW5 MW6 MW7 MW8 MW9
MW-1 MW-2 MW-3 MW-4 MW-4A
B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B-1 B-2 B-4 B-5 B-7 B-8 B-9 B-10 B-11 B-12 B-13 B-14 B-15 B-16 B-17 B-18 B-19 B-20 B-21
P1 P2 P3 P4
S1 S2 S3 S4 S5 S6 S7 S8 S10 S11 S12 S13 S14 S15
SB1 SB2 SB-1 SB-3 SB-4 SB-5
EB1 EB2 EB-1 EB-2 EB-3 EB-4

0 30 FT
SCALE

FIGURE 2
EXTENDED SITE PLAN WITH HISTORICAL SAMPLING LOCATIONS

76 STATION NO. 6129
3420 35TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106-129	DRAWN BY JH 10/27/09, DR 11/2/09
FILE NO. 76-6129-2	PREPARED BY SM
REVISION NO. 8	REVIEWED BY JB

DELTA®

North

LEGEND

- GROUNDWATER MONITORING WELL
- SOIL BORING (DELTA 2009)
- SOIL BORING LOCATIONS
- EB-1 (1990)
- SB-1 (2003)
- B-1 (2006)
- PROPOSED MONITORING WELL
- EXXON MONITORING WELL
- DESTROYED EXXON MONITORING WELL
- SOIL BORING (ERI)
- SOIL BORING (GTI, 1986)
- SOIL BORING (HLA, 1988)
- SOIL BORING (ALTON, 1991)
- SOIL SAMPL LOCATION (TRC, 2002)
- SOIL SAMPLE LOCATION (ALTON)
- EXCAVATION AREA
- UNDERGROUND WATER LINE
- UNDERGROUND SEWER LINE
- UNDERGROUND GAS LINE
- UNDERGROUND COMMUNICATIONS LINE
- UNDERGROUND ELECTRIC LINE
- OVERHEAD ELECTRIC LINE
- UNKNOWN METAL UTILITY
- AREA LIGHT
- UTILITY POLE
- SEWER MANHOLE

35TH AVENUE
QUIGLEY STREET
FENCE
CANOPY
FORMER DISPENSER ISLANDS
FORMER USTs
FORMER HOIST
FORMER USED OIL TANK
BUILDING
WALL
DRIVEWAY
PLANTER
APARTMENT COMPLEX
DISPENSER ISLANDS
EXISTING WASTE OIL TANK
HOIST (TYP.)
A
A'
B
B'
C
C'
D
D'
E
E'
MW-1
MW-2
MW-3
MW-4
MW-4A
MW1
MW2
MW3
MW4
MW5
MW6
MW7
MW8
MW9
B1
B2
B3
B4
B5
B6
B7
B8
B9
B10
B-1
B-2
B-4
B-5
B-7
B-8
B-9
B-10
B-11
B-12
B-13
B-14
B-15
B-16
B-17
B-18
B-19
B-20
B-21
EB1
EB2
EB-1
EB-2
EB-3
EB-4
SB1
SB2
SB-1
SB-4
SB-5
SB-6
P1
P2
P3
P4
S1
S2
S3
S4
S5
S6
S7
S8
S10
S11
S12
S13
S14

0 30 FT
SCALE

FIGURE 3
EXTENDED SITE PLAN

76 STATION NO. 6129
3420 35TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106-129	DRAWN BY JH 11/5/09
FILE NO. 76-6129-2	PREPARED BY SM
REVISION NO. 8	REVIEWED BY JB

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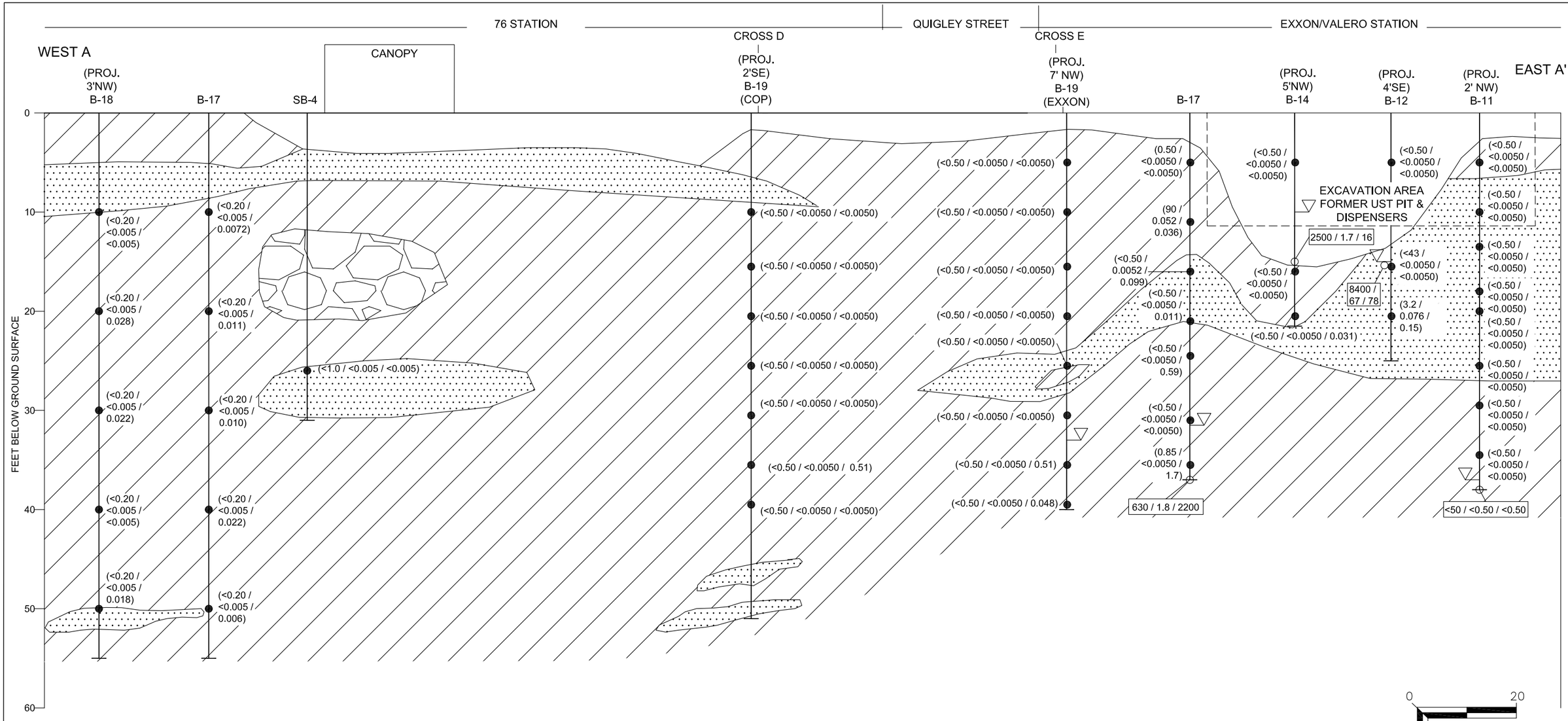


LEGEND

MW-1 — MONITORING WELL/BORING NAME

WELL CASING/EXPLORATORY BORING

(<1.0 / <0.05 / NA) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, BENZENE, MTBE (mg/kg)

DEPTH TO FIRST ENCOUNTERED GROUNDWATER

DEPTH TO STATIC GROUNDWATER (2Q09)

<50 / <0.05 / 17 — GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, BENZENE, MTBE (ug/L)

WELL SCREEN

TD=44' (8/8/08) — TOTAL DEPTH IN FEET (DATE INSTALLED)

FILL

LOW PERMEABILITY (CLAY, SILT, CLAYEY SILT, SILTY CLAY, SANDY CLAY)

MEDIUM PERMEABILITY (SAND, SILTY SAND, GRAVELLY SAND, CLAYEY SAND)

HIGH PERMEABILITY (GRAVELS, CLAYEY GRAVELS, SANDY GRAVELS)

APPROXIMATE STRATIGRAPHIC BOUNDARY

NOTES:

1) <50 =BELOW THE LABORATORY'S INDICATED REPORTING LIMIT
MTBE =METHYL TERT BUTYL ETHER
NA =NOT ANALYZED
TPH-G =TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
mg/kg =MILLIGRAMS PER KILOGRAM
ug/L =MICROGRAMS PER LITER

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

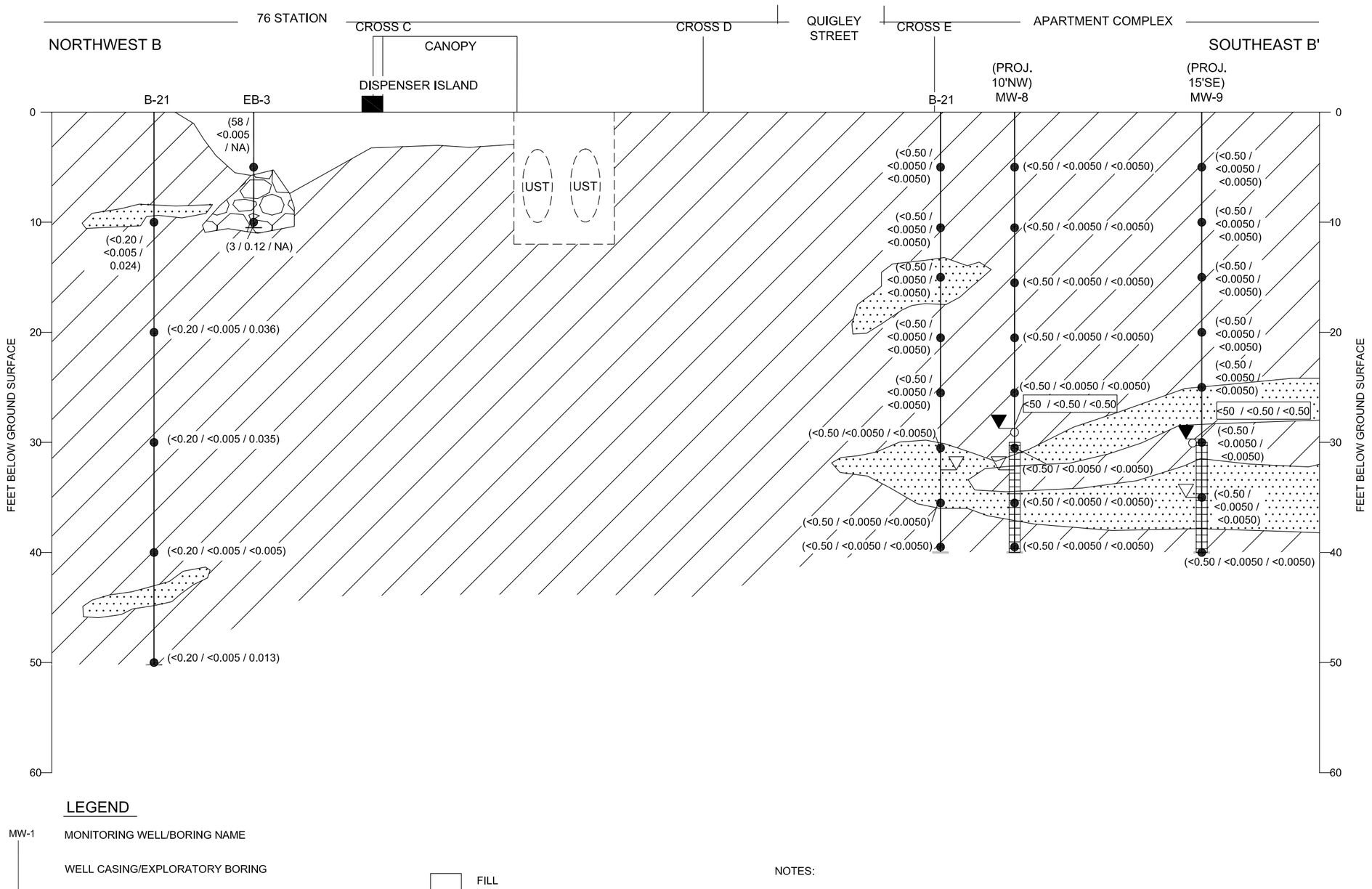
3) GROUNDWATER SAMPLES TAKEN FROM MONITORING WELLS WERE PURGED DURING THE 2Q09 SAMPLING EVENTS. GROUNDWATER SAMPLES TAKEN FROM THE SOIL BORINGS WERE GRAB SAMPLES TAKEN AT TIME OF DRILLING.

FIGURE 4
CROSS SECTION A-A'

76 STATION NO. 6129
3420 35TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106-129	DRAWN BY JH 11/12/09
FILE NO. 76-6129-2	PREPARED BY SM
REVISION NO. 0	REVIEWED BY JB

DELTA®



LEGEND

- MW-1 — MONITORING WELL/BORING NAME
- WELL CASING/EXPLORATORY BORING
- (<1.0 / <0.05 / NA) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, BENZENE, MTBE (mg/kg)
- DEPTH TO FIRST ENCOUNTERED GROUNDWATER
- DEPTH TO STATIC GROUNDWATER (2Q09)
- <50 / <0.05 / 17 — GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, BENZENE, MTBE (ug/L)
- WELL SCREEN
- TD=44' (8/8/08) — TOTAL DEPTH IN FEET (DATE INSTALLED)

- FILL
- LOW PERMEABILITY (CLAY, SILT, CLAYEY SILT, SILTY CLAY, SANDY CLAY)
- MEDIUM PERMEABILITY (SAND, SILTY SAND, GRAVELLY SAND, CLAYEY SAND)
- HIGH PERMEABILITY (GRAVELS, CLAYEY GRAVELS, SANDY GRAVELS)
- APPROXIMATE STRATIGRAPHIC BOUNDARY

NOTES:

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NA =NOT ANALYZED
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ug/L =MICROGRAMS PER LITER

2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

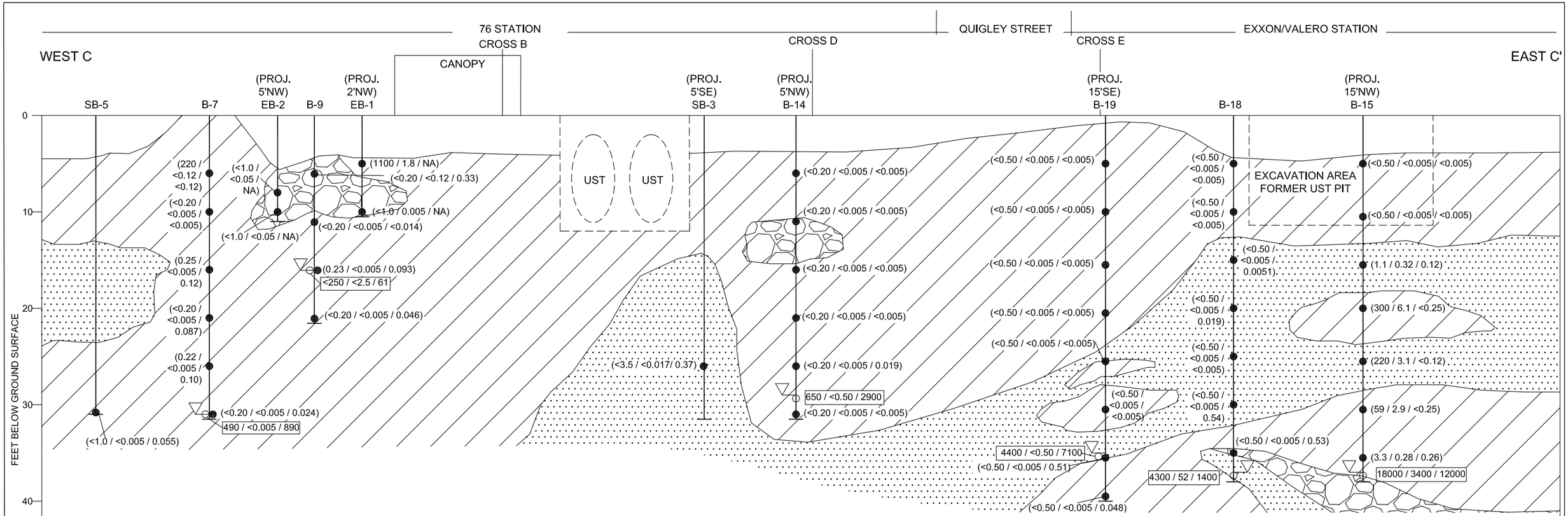
3) GROUNDWATER SAMPLES TAKEN FROM MONITORING WELLS WERE PURGED DURING THE 2Q09 SAMPLING EVENTS. GROUNDWATER SAMPLES TAKEN FROM THE SOIL BORINGS WERE GRAB SAMPLES TAKEN AT TIME OF DRILLING.

FIGURE 5
CROSS SECTION B-B'

76 STATION NO. 6129
3420 35TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106-129	DRAWN BY JH 11/12/09
FILE NO. 76-6129-2	PREPARED BY SM
REVISION NO. 0	REVIEWED BY JB

DELTA®



0 20
SCALE IN FEET
10

LEGEND

MW-1 — MONITORING WELL/BORING NAME

WELL CASING/EXPLORATORY BORING

(<1.0 / <0.05 / NA) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, BENZENE, MTBE (mg/kg)

DEPTH TO FIRST ENCOUNTERED GROUNDWATER

DEPTH TO STATIC GROUNDWATER (2Q09)

<50 / <0.05 / 17 — GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, BENZENE, MTBE (ug/L)

WELL SCREEN

TD=44' (8/8/08) — TOTAL DEPTH IN FEET (DATE INSTALLED)

FILL

LOW PERMEABILITY (CLAY, SILT, CLAYEY SILT, SILTY CLAY, SANDY CLAY)

MEDIUM PERMEABILITY (SAND, SILTY SAND, GRAVELLY SAND, CLAYEY SAND)

HIGH PERMEABILITY (GRAVELS, CLAYEY GRAVELS, SANDY GRAVELS)

APPROXIMATE STRATIGRAPHIC BOUNDARY

NOTES:

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MTBE =METHYL TERT BUTYL ETHER
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mg/kg =MILLIGRAMS PER KILOGRAM
ug/L =MICROGRAMS PER LITER

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FIGURE 6
CROSS SECTION C-C'

76 STATION NO. 6129
3420 35TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106-129	DRAWN BY JH 11/09/09
FILE NO. 76-6129-2	PREPARED BY SM
REVISION NO. 0	REVIEWED BY JB

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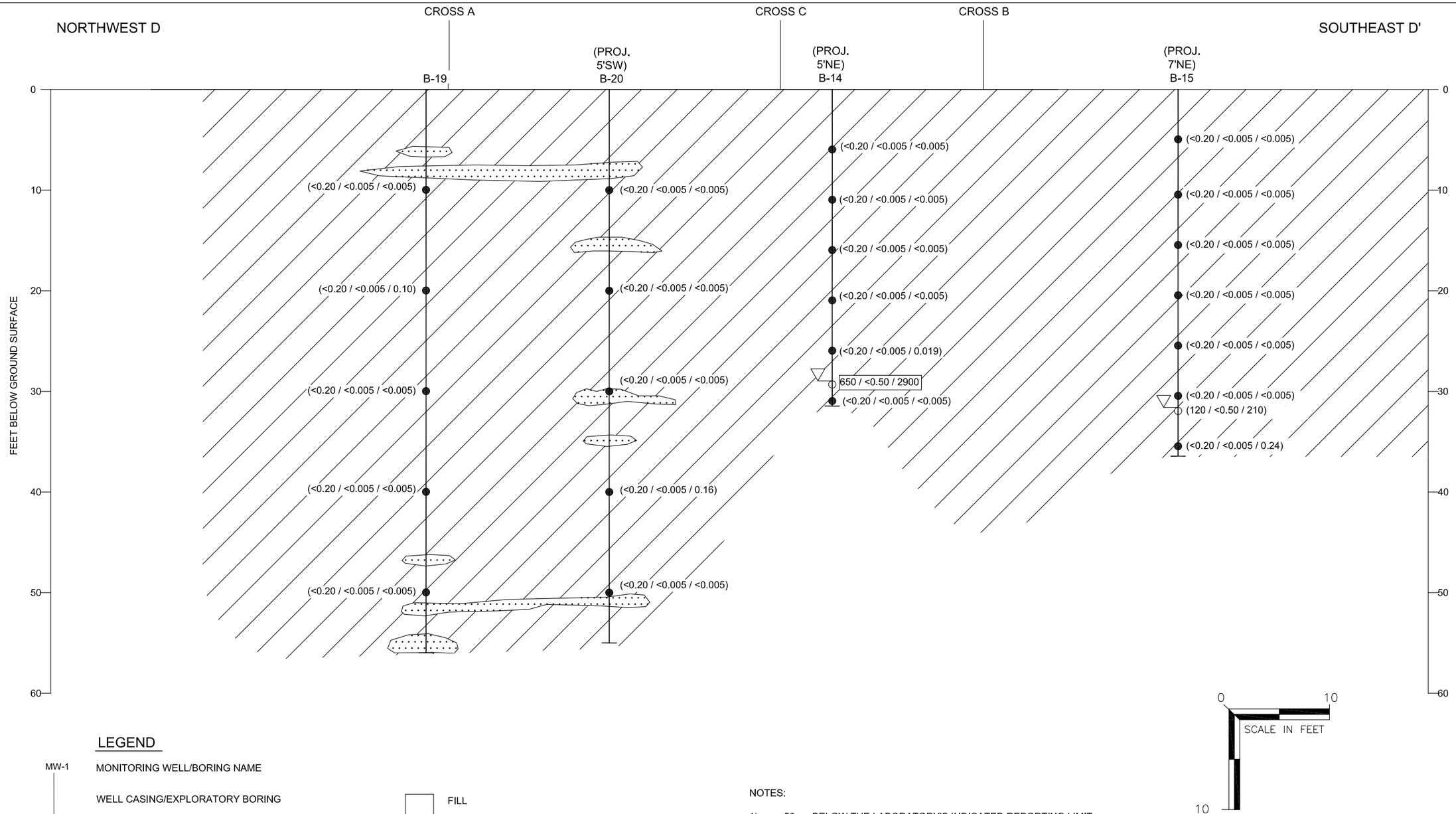

LEGEND

MW-1 — MONITORING WELL/BORING NAME

WELL CASING/EXPLORATORY BORING

(<1.0 / <0.05 / NA) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, BENZENE, MTBE (mg/kg)

DEPTH TO FIRST ENCOUNTERED GROUNDWATER

DEPTH TO STATIC GROUNDWATER (2Q09)

<50 / <0.05 / 17 — GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, BENZENE, MTBE (ug/L)

WELL SCREEN

TD=44' (8/8/08) — TOTAL DEPTH IN FEET (DATE INSTALLED)

FILL

LOW PERMEABILITY (CLAY, SILT, CLAYEY SILT, SILTY CLAY, SANDY CLAY)

MEDIUM PERMEABILITY (SAND, SILTY SAND, GRAVELLY SAND, CLAYEY SAND)

HIGH PERMEABILITY (GRAVELS, CLAYEY GRAVELS, SANDY GRAVELS)

APPROXIMATE STRATIGRAPHIC BOUNDARY

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FIGURE 7
CROSS SECTION D-D'

76 STATION NO. 6129
3420 35TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106-129	DRAWN BY JH 11/12/09
FILE NO. 76-6129-2	PREPARED BY SM
REVISION NO. 0	REVIEWED BY JB

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NORTHWEST E

SOUTHEAST E'

CROSS A

CROSS C

CROSS B

B-19

(PROJ. 15'NW) MW-6

B-20

B-21

(PROJ. 15'SE) MW-8

FEET BELOW GROUND SURFACE

0
10
20
30
40
50
60

(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / 0.51)
(<0.50 / <0.0050 / 0.048)

(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / 0.011)
(<0.50 / <0.0050 / 0.015)
(<0.50 / <0.0050 / <0.0050)
2800 / <100 / 6000
(<0.50 / <0.0050 / 0.063)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)

(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / 0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
640 / <0.50 / 440
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)

(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
<50 / <0.50 / 1.4
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)

(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
<50 / <0.50 / <0.50
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)
(<0.50 / <0.0050 / <0.0050)

0
10
SCALE IN FEET
10

LEGEND

MW-1 — MONITORING WELL/BORING NAME

WELL CASING/EXPLORATORY BORING

(<1.0 / <0.05 / NA) — SOIL SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, BENZENE, MTBE (mg/kg)

DEPTH TO FIRST ENCOUNTERED GROUNDWATER

DEPTH TO STATIC GROUNDWATER (2Q09)

<50 / <0.05 / 17 — GROUNDWATER SAMPLE LOCATION WITH ANALYTICAL DATA: TPH-G, BENZENE, MTBE (ug/L)

WELL SCREEN

TD=44' (8/8/08) — TOTAL DEPTH IN FEET (DATE INSTALLED)

FILL

LOW PERMEABILITY (CLAY, SILT, CLAYEY SILT, SILTY CLAY, SANDY CLAY)

MEDIUM PERMEABILITY (SAND, SILTY SAND, GRAVELLY SAND, CLAYEY SAND)

HIGH PERMEABILITY (GRAVELS, CLAYEY GRAVELS, SANDY GRAVELS)

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NOTES:

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2) STRATIGRAPHY BETWEEN BORINGS IS INTERPRETIVE.

3) GROUNDWATER SAMPLES TAKEN FROM MONITORING WELLS WERE PURGED DURING THE 2Q09 SAMPLING EVENTS. GROUNDWATER SAMPLES TAKEN FROM THE SOIL BORINGS WERE GRAB SAMPLES TAKEN AT TIME OF DRILLING.

FIGURE 8
CROSS SECTION E-E'

76 STATION NO. 6129
3420 35TH AVENUE
OAKLAND, CALIFORNIA

PROJECT NO. C106-129	DRAWN BY JH 11/09/09
FILE NO. 76-6129-2	PREPARED BY SM
REVISION NO. 0	REVIEWED BY JB

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APPENDIX A

ACEHS Letter to COP dated September 17, 2009

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

September 17, 2009

Mr. Terry Grayson (sent via electronic mail: Terry.L.Grayson@contractor.conocophillips.com)
ConocoPhillips
76 Broadway
Sacramento, CA 95818

Son T. Nguyen
3420 35th Avenue
Oakland, CA 94619-1303

Subject: Fuel Leak Case No. RO0000058 and Geotracker Global ID T0600101465, Unocal #6129, 3420 35th Ave, Oakland, CA

Dear Messrs. Grayson and Nguyen:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the most recent document entitled, *Proposed Borings Letter*, dated August 26, 2009 and prepared by Delta Environmental Consultants. The letter modifies the work plan that ACEH previously approved on December 30, 2008 by moving locations out of the street where access cannot be obtained due to "multiple subsurface and physical hazards".

The proposed work scope may be implemented provided that the modifications requested in the technical comments below are addressed and incorporated. Please notify me 72 working hours in advance of performing the work, preferably by e-mail (barbara.jakub@acgov.org).

TECHNICAL COMMENTS

1. **Coordinated Groundwater Monitoring.** Continue to collect coordinated groundwater monitoring data with the adjacent ExxonMobil as requested in our June 20, 2008 letter.

2. **Well-Head Survey.** In accordance with Geotracker regulation, please survey the new and existing wells to NAVD88 as opposed to your proposed NAVD29. In addition, please ensure that the site is surveyed to the same datum as the adjacent site so groundwater elevation data can be used to create consistent contour maps. Share this data with the site adjacent to your property and coordinate monitoring as per ACEH's December 30, 2008 letter.

TECHNICAL REPORT REQUEST

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

- **December 17, 2009** – Soil and Water Investigation 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, P.G.
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Mr. James Barnard, Delta Environmental Consultants, Inc., 11050 White Rock Road, Rancho Cordova, CA 95670 (sent via e-mail: JBarnard@deltaenv.com
Ms. Jennifer Sedlachek, Exxon Mobil Refining & Supply Company, 4096 Piedmont Avenue #194, Oakland, CA 94611 (sent via e-mail; jennifer.c.sedlachek@exxonmobil.com)
Paula Sime, Environmental Resolutions, Inc., 601 North McDowell Blvd., Petaluma, CA 94954-2312 (sent via e-mail: psime@ERI-US.com)
Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032 (sent via e-mail: lgriffin@oaklandnet.com)
Donna Drogos, ACEH, (via electronic mail)
Barbara Jakub, ACEH
File

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**ISSUE DATE:** July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

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 My Le Huynh.
   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 @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) If site is a new case without an RO# use the street address instead.
   d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

APPENDIX B

ACPWA Drilling Permit

Alameda County Public Works Agency - Water Resources Well Permit

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

Application Approved on: 10/06/2009 By jamesy

Permit Numbers: W2009-0938 to W2009-0940
Permits Valid from 10/26/2009 to 10/27/2009

Application Id: 1254264687763
City of Project Site: Oakland
Site Location: 3420 35th Ave
(76 Service Station No. 6129)
Project Start Date: 10/19/2009
Completion Date: 10/23/2009
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org
Extension Start Date: 10/26/2009
Extension End Date: 10/27/2009
Extension Count: 1
Extended By: vickyh1

Applicant: Delta Consultants - James Barnard
11050 White Rock Rd, Ste #110, Rancho Cordova, CA 95670
Phone: 916-503-1279
Property Owner: Conoco Phillips-(Terry Grayson)
76 Broadway, Sacramento, CA 95818
Phone: --
Client: ** same as Property Owner **
Contact: Caitlin Morgan
Phone: --
Cell: 916-230-5189

Total Due: $1059.00
Receipt Number: WR2009-0369 **Total Amount Paid:** $1059.00
Payer Name : Delta Consultants, Inc Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 2 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: auger **Work Total: $794.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2009-0938	10/06/2009	01/17/2010	MW-4	8.00 in.	2.00 in.	23.00 ft	50.00 ft
W2009-0939	10/06/2009	01/17/2010	MW-4A	8.00 in.	2.00 in.	23.00 ft	50.00 ft

Specific Work Permit Conditions

1. 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.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3. 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.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

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

6. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

7. Minimum surface seal thickness is two inches of cement grout placed by tremie

8. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

9. 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.

Borehole(s) for Investigation-Contamination Study - 15 Boreholes
Driller: Gregg Drilling - Lic #: 485165 - Method: CPT **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2009-0940	10/06/2009	01/17/2010	15	2.00 in.	50.00 ft

Specific Work Permit Conditions

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

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

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

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits

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

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

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

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

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

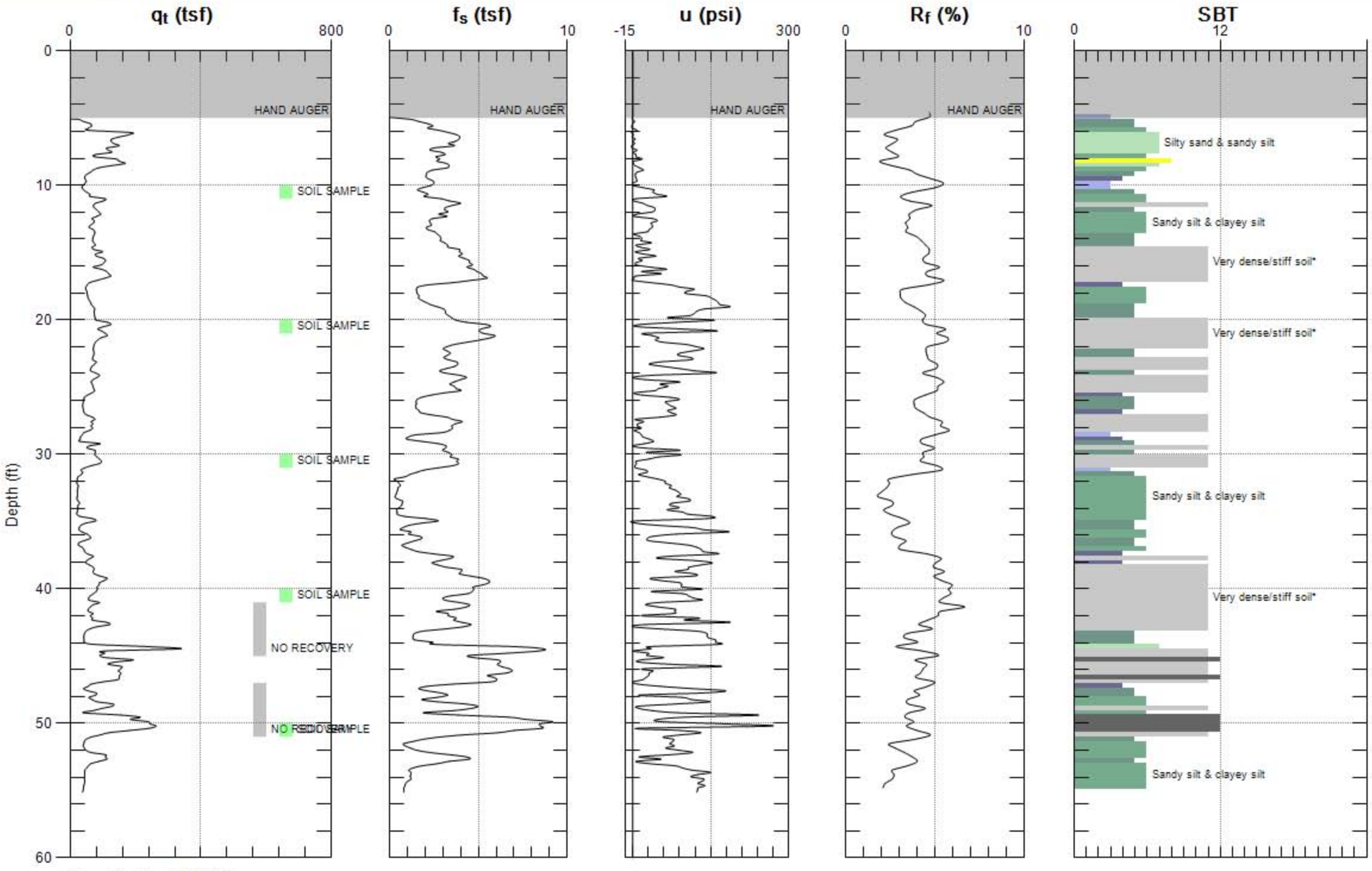
APPENDIX C

CPT Data Logs and Boring Logs

DELTA CONSULTANTS

Site: 76 STATION #6129
Sounding: CPT-B-17

Engineer: J.BARNARD
Date: 10/23/2009 10:06

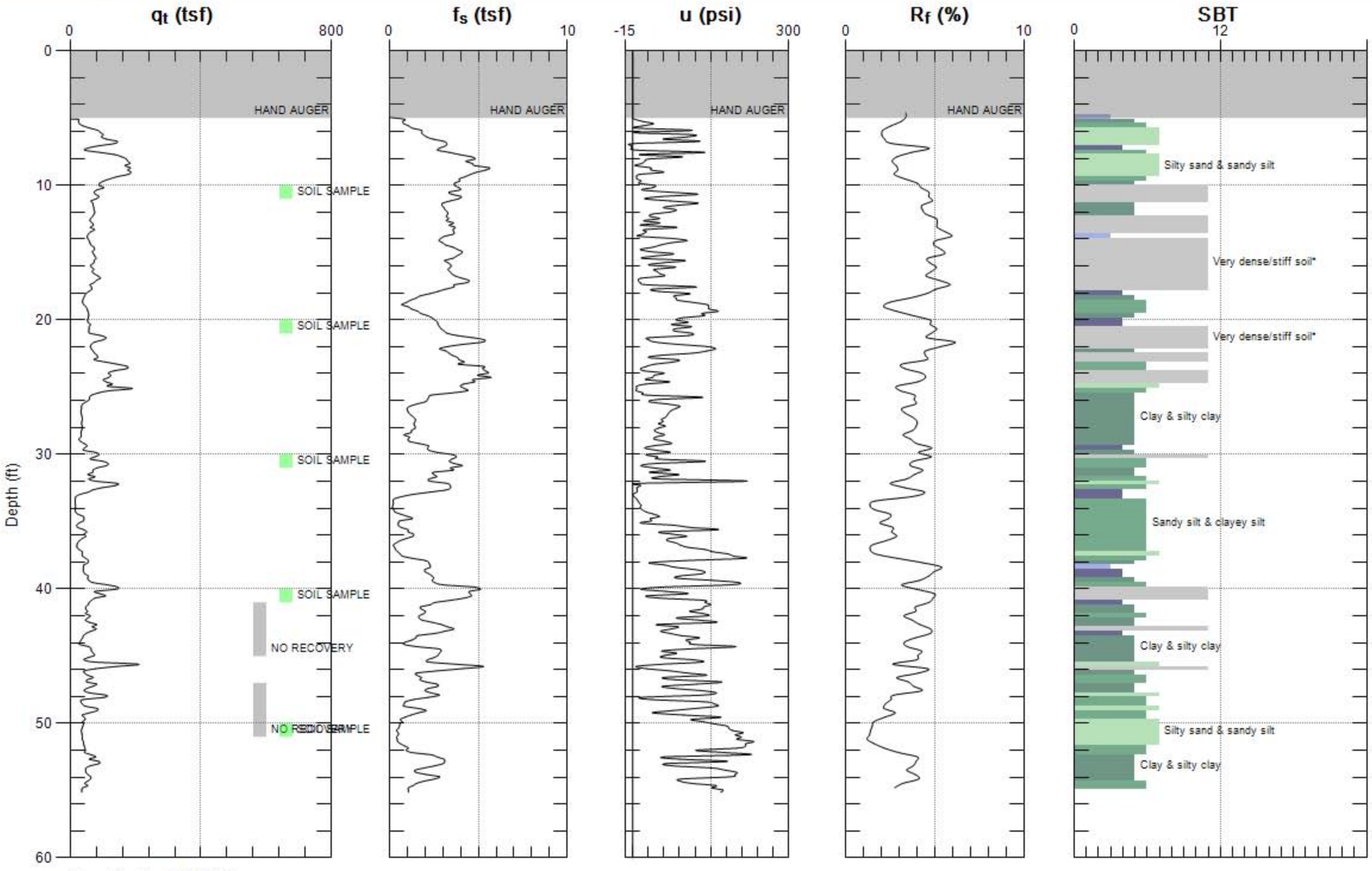


Max. Depth: 55.118 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

DELTA CONSULTANTS

Site: 76 STATION #6129
Sounding: CPT-B-18
Engineer: J.BARNARD
Date: 10/22/2009 02:45



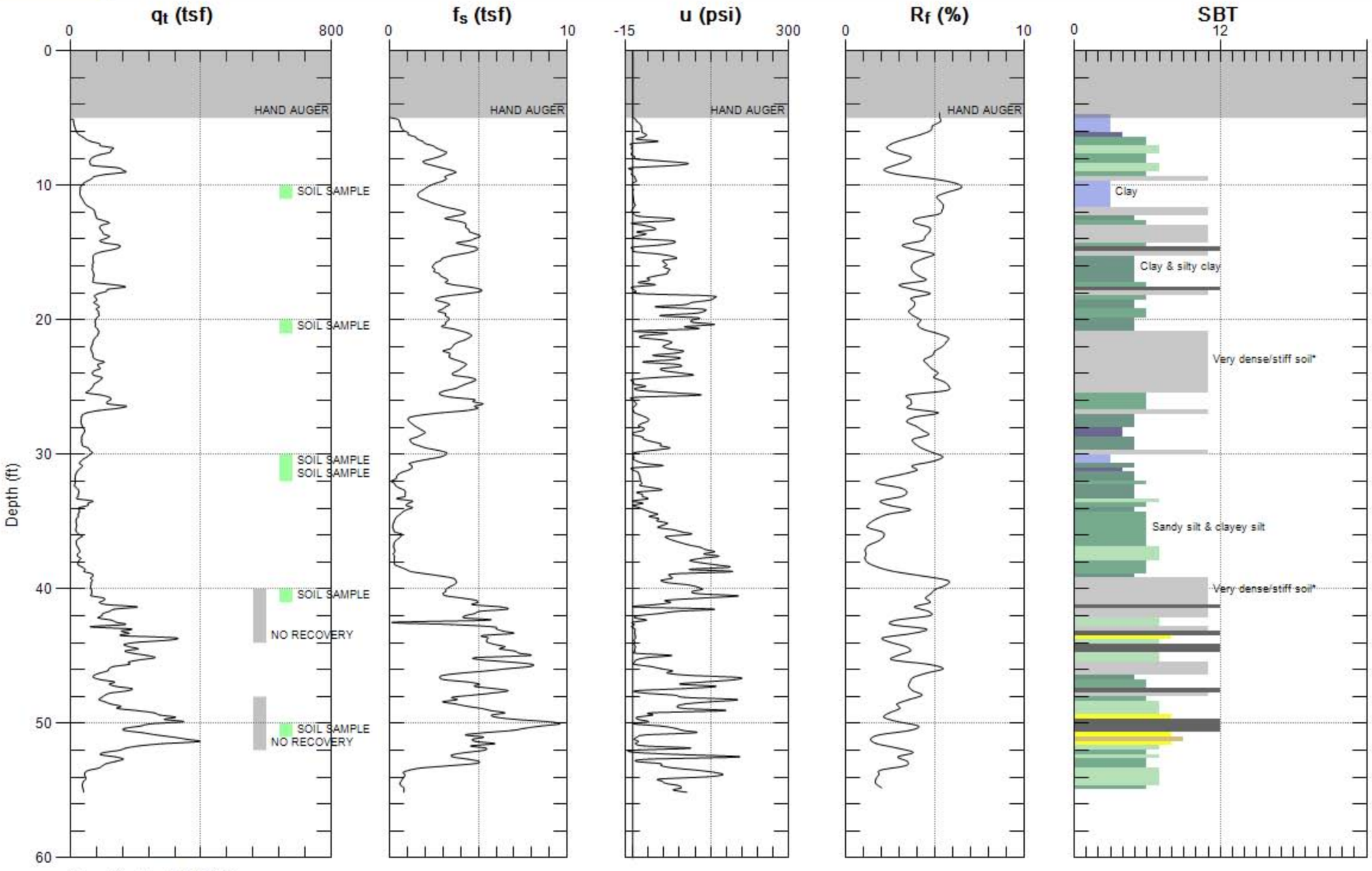
Max. Depth: 55.118 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

DELTA CONSULTANTS

Site: 76 STATION #6129
Sounding: CPT-B-19

Engineer: J.BARNARD
Date: 10/23/2009 02:03



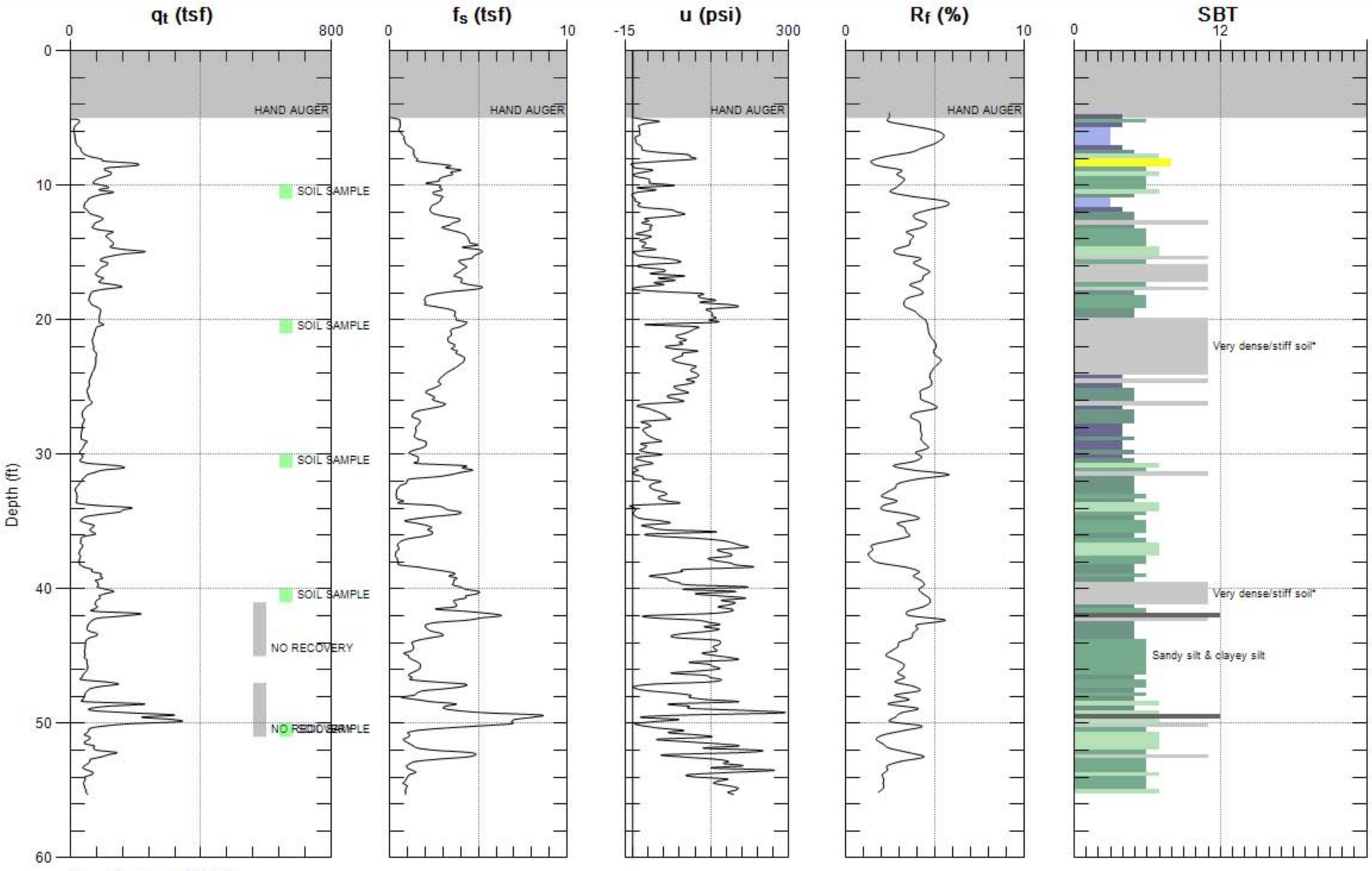
Max. Depth: 55.118 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

DELTA CONSULTANTS

Site: 76 STATION #6129
Sounding: CPT-B-20

Engineer: J.BARNARD
Date: 10/26/2009 10:23

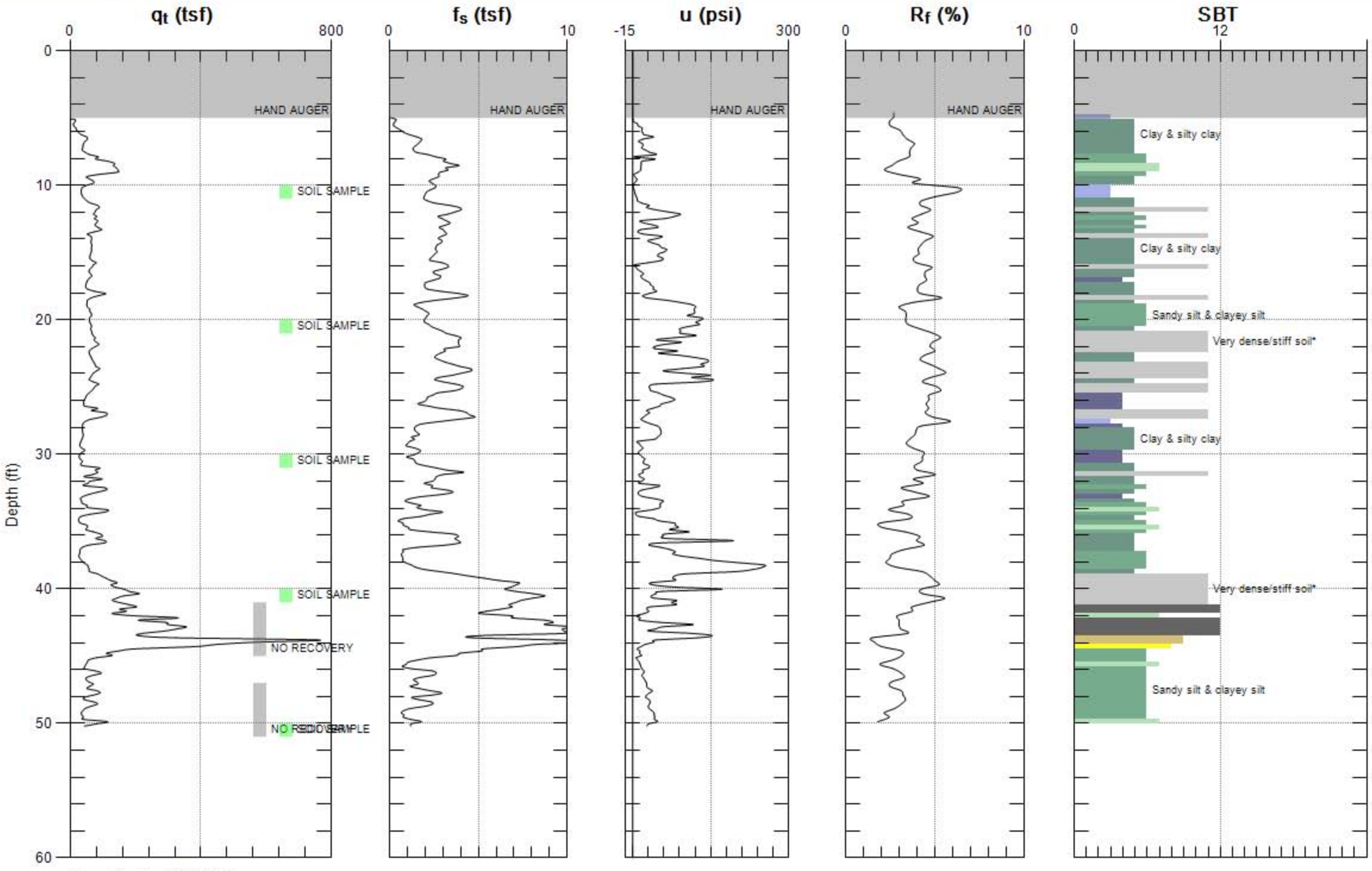


Max. Depth: 55.282 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

DELTA CONSULTANTS

Site: 76 STATION #6129
Sounding: CPT-B-21
Engineer: J.BARNARD
Date: 10/22/2009 08:57



Max. Depth: 50.197 (ft)
Avg. Interval: 0.328 (ft)

SBT: Soil Behavior Type (Robertson 1990)

APPENDIX D

Certified Laboratory Analytical Reports

BC Laboratories, Inc.
Environmental Testing Laboratory Since 1949

Date of Report: 11/12/2009

Jim Barnard

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

RE: 6129
BC Work Order: 0914501
Invoice ID: B071078

Enclosed are the results of analyses for samples received by the laboratory on 10/28/2009. 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

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0914501-01	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/22/2009 10:29	Global ID: T0600101465
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): B-21
	Sampling Point:	B-21@10	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:
0914501-02	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/22/2009 10:34	Global ID: T0600101465
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): B-21
	Sampling Point:	B-21@20	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:
0914501-03	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/22/2009 10:45	Global ID: T0600101465
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): B-21
	Sampling Point:	B-21@30	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:
0914501-04	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/22/2009 11:25	Global ID: T0600101465
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): B-21
	Sampling Point:	B-21@40	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0914501-05	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/22/2009 11:40	Global ID: T0600101465
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): B-21
	Sampling Point:	B-21@50	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:
0914501-06	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/23/2009 07:25	Global ID: T0600101465
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): B-18
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	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:
0914501-07	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/23/2009 07:32	Global ID: T0600101465
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	Sampled By:	DECR			Sample QC Type (SACode): CS
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0914501-08	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/23/2009 07:43	Global ID: T0600101465
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	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0914501-09	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/23/2009 07:51	Global ID: T0600101465
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	Project Number:	6129	**Sampling Date:**	10/23/2009 08:00	Global ID: T0600101465
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0914501-11	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/23/2009 11:07	Global ID: T0600101465
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	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0914501-13	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
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	Project Number:	6129	**Sampling Date:**	10/26/2009 07:22	Global ID: T0600101465
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	Sampling Point:	B-19@10	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
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	Project Number:	6129	**Sampling Date:**	10/26/2009 07:28	Global ID: T0600101465
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	Sampled By:	DECR			Sample QC Type (SACode): CS
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	Project Number:	6129	**Sampling Date:**	10/26/2009 07:35	Global ID: T0600101465
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0914501-19	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
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0914501-20	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/26/2009 08:02	Global ID: T0600101465
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	Sampling Point:	B-19@50	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0914501-21	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/26/2009 12:09	Global ID: T0600101465
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	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:
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	Project Number:	6129	**Sampling Date:**	10/26/2009 12:15	Global ID: T0600101465
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	Sampling Point:	B-20@20	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:
0914501-23	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/26/2009 12:23	Global ID: T0600101465
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): B-20
	Sampling Point:	B-20@30	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:
0914501-24	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/26/2009 12:30	Global ID: T0600101465
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): B-20
	Sampling Point:	B-20@40	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:

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Project Manager: Jim Barnard

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Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0914501-25	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/26/2009 12:47	Global ID: T0600101465
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): B-20
	Sampling Point:	B-20@50	**Sample Matrix:**	Solids	Matrix: SO
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:
0914501-26	**COC Number:**	---	**Receive Date:**	10/28/2009 10:15	Delivery Work Order:
	Project Number:	6129	**Sampling Date:**	10/26/2009 01:30	Global ID: T0600101465
	Sampling Location:	---	**Sample Depth:**	---	Location ID (FieldPoint): COMP A
	Sampling Point:	COMP A	**Sample Matrix:**	Water	Matrix: W
	Sampled By:	DECR			Sample QC Type (SACode): CS
					Cooler ID:

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Project Number: 4512449913
Project Manager: Jim Barnard

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-01 | **Client Sample Name:** 6129, B-21@10, 10/22/2009 10:29:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
Methyl t-butyl ether	**0.024**	**mg/kg**	**0.0050**	**EPA-8260**	**10/27/09**	**10/31/09 02:58**	**ADC**	**MS-V2**	**1**	**BSJ1754**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754		
Toluene-d8 (Surrogate)	99.5	%	81 - 117 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754		
4-Bromofluorobenzene (Surrogate)	95.3	%	74 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 02:58	ADC	MS-V2	1	BSJ1754		

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EPA Method 1664

BCL Sample ID: 0914501-01 | **Client Sample Name:** 6129, B-21@10, 10/22/2009 10:29:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	ND	mg/kg	50	EPA-1664 HEM	11/09/09	11/09/09 09:00	JAK	MAN-SV	1	BSK0581	ND	

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-02 | **Client Sample Name:** 6129, B-21@20, 10/22/2009 10:34:00AM

Constituent	Result	Units	PQL	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	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
Methyl t-butyl ether	**0.036**	**mg/kg**	**0.0050**	**EPA-8260**	**10/27/09**	**10/31/09 03:24**	**ADC**	**MS-V2**	**1**	**BSJ1754**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane-d4 (Surrogate)	116	%	70 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754		
Toluene-d8 (Surrogate)	98.2	%	81 - 117 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754		
4-Bromofluorobenzene (Surrogate)	96.8	%	74 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 03:24	ADC	MS-V2	1	BSJ1754		

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EPA Method 1664

BCL Sample ID: 0914501-02 | **Client Sample Name:** 6129, B-21@20, 10/22/2009 10:34:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	ND	mg/kg	50	EPA-1664 HEM	11/09/09	11/09/09 09:00	JAK	MAN-SV	1	BSK0581	ND	

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-03 | **Client Sample Name:** 6129, B-21@30, 10/22/2009 10:45:00AM

Constituent	Result	Units	PQL	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	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
Methyl t-butyl ether	**0.035**	**mg/kg**	**0.0050**	**EPA-8260**	**10/27/09**	**10/31/09 03:51**	**ADC**	**MS-V2**	**1**	**BSJ1754**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754		
Toluene-d8 (Surrogate)	98.5	%	81 - 117 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754		
4-Bromofluorobenzene (Surrogate)	95.6	%	74 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 03:51	ADC	MS-V2	1	BSJ1754		

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EPA Method 1664

BCL Sample ID: 0914501-03 | **Client Sample Name:** 6129, B-21@30, 10/22/2009 10:45:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	ND	mg/kg	50	EPA-1664 HEM	11/09/09	11/09/09 09:00	JAK	MAN-SV	1	BSK0581	ND	

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-04 | **Client Sample Name:** 6129, B-21@40, 10/22/2009 11:25:00AM

Constituent	Result	Units	PQL	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	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754		
Toluene-d8 (Surrogate)	97.6	%	81 - 117 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754		
4-Bromofluorobenzene (Surrogate)	95.7	%	74 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 04:17	ADC	MS-V2	1	BSJ1754		

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EPA Method 1664

BCL Sample ID: 0914501-04 | **Client Sample Name:** 6129, B-21@40, 10/22/2009 11:25:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	ND	mg/kg	50	EPA-1664 HEM	11/09/09	11/09/09 09:00	JAK	MAN-SV	1	BSK0581	ND	

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-05 | **Client Sample Name:** 6129, B-21@50, 10/22/2009 11:40:00AM

Constituent	Result	Units	PQL	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	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
Methyl t-butyl ether	**0.013**	**mg/kg**	**0.0050**	**EPA-8260**	**10/27/09**	**10/31/09 04:43**	**ADC**	**MS-V2**	**1**	**BSJ1754**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754		
Toluene-d8 (Surrogate)	94.9	%	81 - 117 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754		
4-Bromofluorobenzene (Surrogate)	90.9	%	74 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 04:43	ADC	MS-V2	1	BSJ1754		

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EPA Method 1664

BCL Sample ID: 0914501-05 | **Client Sample Name:** 6129, B-21@50, 10/22/2009 11:40:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Oil and Grease	ND	mg/kg	50	EPA-1664 HEM	11/09/09	11/09/09 09:00	JAK	MAN-SV	1	BSK0581	ND	

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Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-06 | **Client Sample Name:** 6129, B-18@10, 10/23/2009 7:25:00AM

Constituent	Result	Units	PQL	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	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754		
Toluene-d8 (Surrogate)	98.2	%	81 - 117 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754		
4-Bromofluorobenzene (Surrogate)	95.2	%	74 - 121 (LCL - UCL)	EPA-8260	10/27/09	10/31/09 05:09	ADC	MS-V2	1	BSJ1754		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-07 | **Client Sample Name:** 6129, B-18@20, 10/23/2009 7:32:00AM

Constituent	Result	Units	PQL	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	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
Methyl t-butyl ether	**0.028**	**mg/kg**	**0.0050**	**EPA-8260**	**10/27/09**	**11/03/09 19:14**	**ADC**	**MS-V2**	**1**	**BSJ1754**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane-d4 (Surrogate)	100	%	70 - 121 (LCL - UCL)	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754		
Toluene-d8 (Surrogate)	98.0	%	81 - 117 (LCL - UCL)	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754		
4-Bromofluorobenzene (Surrogate)	97.2	%	74 - 121 (LCL - UCL)	EPA-8260	10/27/09	11/03/09 19:14	ADC	MS-V2	1	BSJ1754		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-08 | **Client Sample Name:** 6129, B-18@30, 10/23/2009 7:43:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
Methyl t-butyl ether	**0.022**	**mg/kg**	**0.0050**	**EPA-8260**	**10/27/09**	**11/03/09 19:40**	**ADC**	**MS-V2**	**1**	**BSJ1754**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.5	%	70 - 121 (LCL - UCL)	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754		
Toluene-d8 (Surrogate)	101	%	81 - 117 (LCL - UCL)	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754		
4-Bromofluorobenzene (Surrogate)	94.5	%	74 - 121 (LCL - UCL)	EPA-8260	10/27/09	11/03/09 19:40	ADC	MS-V2	1	BSJ1754		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-09 | **Client Sample Name:** 6129, B-18@40, 10/23/2009 7:51:00AM

Constituent	Result	Units	PQL	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	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	96.9	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	94.1	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 06:27	ADC	MS-V2	1	BSJ2002		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-10 | **Client Sample Name:** 6129, B-18@50, 10/23/2009 8:00:00AM

Constituent	Result	Units	PQL	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	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	**0.018**	**mg/kg**	**0.0050**	**EPA-8260**	**10/30/09**	**10/31/09 06:53**	**ADC**	**MS-V2**	**1**	**BSJ2002**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	96.0	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	93.4	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 06:53	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-11 | **Client Sample Name:** 6129, B-17@10, 10/23/2009 11:07:00AM

Constituent	Result	Units	PQL	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	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	**0.0072**	**mg/kg**	**0.0050**	**EPA-8260**	**10/30/09**	**10/31/09 07:19**	**ADC**	**MS-V2**	**1**	**BSJ2002**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	96.6	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	93.8	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 07:19	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-12 | **Client Sample Name:** 6129, B-17@20, 10/23/2009 11:15:00AM

Constituent	Result	Units	PQL	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	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	**0.011**	**mg/kg**	**0.0050**	**EPA-8260**	**10/30/09**	**10/31/09 07:45**	**ADC**	**MS-V2**	**1**	**BSJ2002**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	98.1	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	92.9	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 07:45	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-13 | **Client Sample Name:** 6129, B-17@30, 10/23/2009 11:21:00AM

Constituent	Result	Units	PQL	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	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	**0.010**	**mg/kg**	**0.0050**	**EPA-8260**	**10/30/09**	**10/31/09 08:11**	**ADC**	**MS-V2**	**1**	**BSJ2002**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	96.8	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	94.4	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 08:11	ADC	MS-V2	1	BSJ2002		

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Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-14 | **Client Sample Name:** 6129, B-17@40, 10/23/2009 11:31:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	**0.022**	**mg/kg**	**0.0050**	**EPA-8260**	**10/30/09**	**10/31/09 08:37**	**ADC**	**MS-V2**	**1**	**BSJ2002**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	97.6	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	92.0	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 08:37	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-15 | **Client Sample Name:** 6129, B-17@50, 10/23/2009 11:43:00AM

Constituent	Result	Units	PQL	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	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	**0.0060**	**mg/kg**	**0.0050**	**EPA-8260**	**10/30/09**	**10/31/09 09:03**	**ADC**	**MS-V2**	**1**	**BSJ2002**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	96.1	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	94.8	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 09:03	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-16 | **Client Sample Name:** 6129, B-19@10, 10/26/2009 7:22:00AM

Constituent	Result	Units	PQL	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	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	96.6	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	92.4	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	10/31/09 09:29	ADC	MS-V2	1	BSJ2002		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-17 | **Client Sample Name:** 6129, B-19@20, 10/26/2009 7:28:00AM

Constituent	Result	Units	PQL	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	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	**0.10**	**mg/kg**	**0.0050**	**EPA-8260**	**10/30/09**	**11/03/09 20:32**	**ADC**	**MS-V2**	**1**	**BSJ2002**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	**0.067**	**mg/kg**	**0.050**	**EPA-8260**	**10/30/09**	**11/03/09 20:32**	**ADC**	**MS-V2**	**1**	**BSJ2002**	**ND**	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	98.4	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	98.2	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 20:32	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-18 | **Client Sample Name:** 6129, B-19@30, 10/26/2009 7:35:00AM

Constituent	Result	Units	PQL	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	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.7	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	97.7	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	95.7	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 20:58	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-19 | **Client Sample Name:** 6129, B-19@40, 10/26/2009 7:45:00AM

Constituent	Result	Units	PQL	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	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	97.5	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	95.8	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 21:25	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-20 | **Client Sample Name:** 6129, B-19@50, 10/26/2009 8:02:00AM

Constituent	Result	Units	PQL	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	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	98.4	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	95.6	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 21:51	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-21 | **Client Sample Name:** 6129, B-20@10, 10/26/2009 12:09:00PM

Constituent	Result	Units	PQL	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	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	97.8	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	96.7	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/03/09 22:17	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-22 | **Client Sample Name:** 6129, B-20@20, 10/26/2009 12:15:00PM

Constituent	Result	Units	PQL	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	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	97.2	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	94.8	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 01:45	ADC	MS-V2	1	BSJ2002		

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Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-23 | **Client Sample Name:** 6129, B-20@30, 10/26/2009 12:23:00PM

Constituent	Result	Units	PQL	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	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	97.3	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	99.6	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 02:11	ADC	MS-V2	1	BSJ2002		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-24 | **Client Sample Name:** 6129, B-20@40, 10/26/2009 12:30:00PM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	**0.16**	**mg/kg**	**0.0050**	**EPA-8260**	**10/30/09**	**11/04/09 02:37**	**ADC**	**MS-V2**	**1**	**BSJ2002**	**ND**	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	96.7	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	96.1	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 02:37	ADC	MS-V2	1	BSJ2002		

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-25 | **Client Sample Name:** 6129, B-20@50, 10/26/2009 12:47:00PM

Constituent	Result	Units	PQL	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	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dibromoethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
Ethylbenzene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
Methyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
Toluene	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
Total Xylenes	ND	mg/kg	0.010	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
t-Amyl Methyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
t-Butyl alcohol	ND	mg/kg	0.050	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
Diisopropyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
Ethanol	ND	mg/kg	1.0	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
Ethyl t-butyl ether	ND	mg/kg	0.0050	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
Total Purgeable Petroleum Hydrocarbons	ND	mg/kg	0.20	Luft-GC/MS	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	70 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002		
Toluene-d8 (Surrogate)	95.6	%	81 - 117 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002		
4-Bromofluorobenzene (Surrogate)	93.8	%	74 - 121 (LCL - UCL)	EPA-8260	10/30/09	11/04/09 03:03	ADC	MS-V2	1	BSJ2002		

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Project Number: 4512449913
Project Manager: Jim Barnard

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0914501-26 | **Client Sample Name:** 6129, COMP A, 10/26/2009 1:30:00AM

Constituent	Result	Units	PQL	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	10/30/09	10/30/09 13:02	JCC	MS-V10	1	BSJ1785	ND	
Ethylbenzene	ND	ug/L	0.50	EPA-8260	10/30/09	10/30/09 13:02	JCC	MS-V10	1	BSJ1785	ND	
Methyl t-butyl ether	**0.86**	**ug/L**	**0.50**	**EPA-8260**	**10/30/09**	**10/30/09 13:02**	**JCC**	**MS-V10**	**1**	**BSJ1785**	**ND**	
Toluene	ND	ug/L	0.50	EPA-8260	10/30/09	10/30/09 13:02	JCC	MS-V10	1	BSJ1785	ND	
Total Xylenes	ND	ug/L	1.0	EPA-8260	10/30/09	10/30/09 13:02	JCC	MS-V10	1	BSJ1785	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	10/30/09	10/30/09 13:02	JCC	MS-V10	1	BSJ1785	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260	10/30/09	10/30/09 13:02	JCC	MS-V10	1	BSJ1785		
Toluene-d8 (Surrogate)	87.1	%	88 - 110 (LCL - UCL)	EPA-8260	10/30/09	10/30/09 13:02	JCC	MS-V10	1	BSJ1785		S09
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260	10/30/09	10/30/09 13:02	JCC	MS-V10	1	BSJ1785		

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Water Analysis (Metals)

BCL Sample ID: 0914501-26 | **Client Sample Name:** 6129, COMP A, 10/26/2009 1:30:00AM

Constituent	Result	Units	PQL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Lead	2200	ug/L	250	EPA-6010 B	11/05/09	11/06/09 09:49	ARD	PE-OP1	5	BSK0330	ND	A01

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Project: 6129
Project Number: 4512449913
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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	BSJ1754	Matrix Spike	0913673-36	ND	0.13152	0.12500	mg/kg		105		70 - 130	
		Matrix Spike Duplicate	0913673-36	ND	0.14160	0.12500	mg/kg	7.4	113	20	70 - 130	
Toluene	BSJ1754	Matrix Spike	0913673-36	ND	0.13301	0.12500	mg/kg		106		70 - 130	
		Matrix Spike Duplicate	0913673-36	ND	0.13342	0.12500	mg/kg	0.3	107	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSJ1754	Matrix Spike	0913673-36	ND	0.054287	0.050000	mg/kg		109		70 - 121	
		Matrix Spike Duplicate	0913673-36	ND	0.057323	0.050000	mg/kg		115		70 - 121	
Toluene-d8 (Surrogate)	BSJ1754	Matrix Spike	0913673-36	ND	0.049005	0.050000	mg/kg		98.0		81 - 117	
		Matrix Spike Duplicate	0913673-36	ND	0.049441	0.050000	mg/kg		98.9		81 - 117	
4-Bromofluorobenzene (Surrogate)	BSJ1754	Matrix Spike	0913673-36	ND	0.049296	0.050000	mg/kg		98.6		74 - 121	
		Matrix Spike Duplicate	0913673-36	ND	0.051811	0.050000	mg/kg		104		74 - 121	
Benzene	BSJ1785	Matrix Spike	0913673-40	ND	25.590	25.000	ug/L		102		70 - 130	
		Matrix Spike Duplicate	0913673-40	ND	26.350	25.000	ug/L	2.9	105	20	70 - 130	
Toluene	BSJ1785	Matrix Spike	0913673-40	ND	26.590	25.000	ug/L		106		70 - 130	
		Matrix Spike Duplicate	0913673-40	ND	27.730	25.000	ug/L	4.2	111	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSJ1785	Matrix Spike	0913673-40	ND	9.3500	10.000	ug/L		93.5		76 - 114	
		Matrix Spike Duplicate	0913673-40	ND	9.2900	10.000	ug/L		92.9		76 - 114	
Toluene-d8 (Surrogate)	BSJ1785	Matrix Spike	0913673-40	ND	9.8600	10.000	ug/L		98.6		88 - 110	
		Matrix Spike Duplicate	0913673-40	ND	9.8500	10.000	ug/L		98.5		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSJ1785	Matrix Spike	0913673-40	ND	10.230	10.000	ug/L		102		86 - 115	
		Matrix Spike Duplicate	0913673-40	ND	9.8900	10.000	ug/L		98.9		86 - 115	
Benzene	BSJ2002	Matrix Spike	0913673-51	ND	0.13834	0.12500	mg/kg		111		70 - 130	
		Matrix Spike Duplicate	0913673-51	ND	0.14440	0.12500	mg/kg	4.3	116	20	70 - 130	
Toluene	BSJ2002	Matrix Spike	0913673-51	ND	0.13306	0.12500	mg/kg		106		70 - 130	
		Matrix Spike Duplicate	0913673-51	ND	0.13736	0.12500	mg/kg	3.2	110	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSJ2002	Matrix Spike	0913673-51	ND	0.055178	0.050000	mg/kg		110		70 - 121	
		Matrix Spike Duplicate	0913673-51	ND	0.054193	0.050000	mg/kg		108		70 - 121	

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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)	BSJ2002	Matrix Spike	0913673-51	ND	0.049158	0.050000	mg/kg		98.3		81 - 117	
		Matrix Spike Duplicate	0913673-51	ND	0.048598	0.050000	mg/kg		97.2		81 - 117	
4-Bromofluorobenzene (Surrogate)	BSJ2002	Matrix Spike	0913673-51	ND	0.048831	0.050000	mg/kg		97.7		74 - 121	
		Matrix Spike Duplicate	0913673-51	ND	0.048324	0.050000	mg/kg		96.6		74 - 121	

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EPA Method 1664

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
Oil and Grease	BSK0581	Duplicate	0914799-01	110680	122220		mg/kg	9.9		30		A09
		Matrix Spike	0913673-59	ND	725.00	812.00	mg/kg		89.3		56 - 111	
		Matrix Spike Duplicate	0913673-59	ND	531.00	812.00	mg/kg	30.9	65.4	30	56 - 111	Q02

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Water Analysis (Metals)

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
Total Lead	BSK0330	Duplicate	0914517-01	ND	ND		ug/L			20		
		Matrix Spike	0914517-01	ND	420.85	400.00	ug/L		105		75 - 125	
		Matrix Spike Duplicate	0914517-01	ND	423.39	400.00	ug/L	0.6	106	20	75 - 125	

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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	BSJ1754	BSJ1754-BS1	LCS	0.14040	0.12500	0.0050	mg/kg	112		70 - 130		
Toluene	BSJ1754	BSJ1754-BS1	LCS	0.13328	0.12500	0.0050	mg/kg	107		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSJ1754	BSJ1754-BS1	LCS	0.054572	0.050000		mg/kg	109		70 - 121		
Toluene-d8 (Surrogate)	BSJ1754	BSJ1754-BS1	LCS	0.049825	0.050000		mg/kg	99.6		81 - 117		
4-Bromofluorobenzene (Surrogate)	BSJ1754	BSJ1754-BS1	LCS	0.048627	0.050000		mg/kg	97.3		74 - 121		
Benzene	BSJ1785	BSJ1785-BS1	LCS	25.400	25.000	0.50	ug/L	102		70 - 130		
Toluene	BSJ1785	BSJ1785-BS1	LCS	26.600	25.000	0.50	ug/L	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSJ1785	BSJ1785-BS1	LCS	9.5000	10.000		ug/L	95.0		76 - 114		
Toluene-d8 (Surrogate)	BSJ1785	BSJ1785-BS1	LCS	9.9500	10.000		ug/L	99.5		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSJ1785	BSJ1785-BS1	LCS	10.230	10.000		ug/L	102		86 - 115		
Benzene	BSJ2002	BSJ2002-BS1	LCS	0.14197	0.12500	0.0050	mg/kg	114		70 - 130		
Toluene	BSJ2002	BSJ2002-BS1	LCS	0.13465	0.12500	0.0050	mg/kg	108		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSJ2002	BSJ2002-BS1	LCS	0.055194	0.050000		mg/kg	110		70 - 121		
Toluene-d8 (Surrogate)	BSJ2002	BSJ2002-BS1	LCS	0.049742	0.050000		mg/kg	99.5		81 - 117		
4-Bromofluorobenzene (Surrogate)	BSJ2002	BSJ2002-BS1	LCS	0.048552	0.050000		mg/kg	97.1		74 - 121		

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

EPA Method 1664

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
Oil and Grease	BSK0581	BSK0581-BS1	LCS	766.00	812.00	50	mg/kg	94.3		59 - 117		

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Water Analysis (Metals)

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
Total Lead	BSK0330	BSK0330-BS1	LCS	438.37	400.00	50	ug/L	110		85 - 115		

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

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	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.0050		
Toluene	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.0050		
Ethanol	BSJ1754	BSJ1754-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BSJ1754	BSJ1754-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BSJ1754	BSJ1754-BLK1	114	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSJ1754	BSJ1754-BLK1	96.6	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSJ1754	BSJ1754-BLK1	95.5	%	74 - 121 (LCL - UCL)		
Benzene	BSJ1785	BSJ1785-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSJ1785	BSJ1785-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSJ1785	BSJ1785-BLK1	ND	ug/L	0.50		
Toluene	BSJ1785	BSJ1785-BLK1	ND	ug/L	0.50		
Total Xylenes	BSJ1785	BSJ1785-BLK1	ND	ug/L	1.0		
Total Purgeable Petroleum Hydrocarbons	BSJ1785	BSJ1785-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSJ1785	BSJ1785-BLK1	95.3	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSJ1785	BSJ1785-BLK1	96.4	%	88 - 110 (LCL - UCL)		

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

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
4-Bromofluorobenzene (Surrogate)	BSJ1785	BSJ1785-BLK1	102	%	86 - 115 (LCL - UCL)		
Benzene	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.0050		
1,2-Dibromoethane	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.0050		
1,2-Dichloroethane	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.0050		
Ethylbenzene	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.0050		
Methyl t-butyl ether	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.0050		
Toluene	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.0050		
Total Xylenes	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.010		
t-Amyl Methyl ether	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.0050		
t-Butyl alcohol	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.050		
Diisopropyl ether	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.0050		
Ethanol	BSJ2002	BSJ2002-BLK1	ND	mg/kg	1.0		
Ethyl t-butyl ether	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.0050		
Total Purgeable Petroleum Hydrocarbons	BSJ2002	BSJ2002-BLK1	ND	mg/kg	0.20		
1,2-Dichloroethane-d4 (Surrogate)	BSJ2002	BSJ2002-BLK1	110	%	70 - 121 (LCL - UCL)		
Toluene-d8 (Surrogate)	BSJ2002	BSJ2002-BLK1	98.9	%	81 - 117 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BSJ2002	BSJ2002-BLK1	93.1	%	74 - 121 (LCL - UCL)		

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

EPA Method 1664

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Oil and Grease	BSK0581	BSK0581-BLK1	ND	mg/kg	50		

Delta Environmental Consultants, Inc.
11050 White Rock Rd, Suite 110
Rancho Cordova, CA 95670

Project: 6129
Project Number: 4512449913
Project Manager: Jim Barnard

Reported: 11/12/2009 9:29

Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Total Lead	BSK0330	BSK0330-BLK1	ND	ug/L	50		

Delta Environmental Consultants, Inc.	Project: 6129	**Reported:** 11/12/2009 9:29
11050 White Rock Rd, Suite 110	Project Number: 4512449913	
Rancho Cordova, CA 95670	Project Manager: Jim Barnard	

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.
A09	PQL's were raised due to high concentration of target analytes requiring sample dilution.
Q02	Matrix spike precision is not within the control limits.
S09	The surrogate recovery on the sample for this compound was not within the control limits.

ConocoPhillips Chain Of Custody Record

BC Laboratories, Inc.

4100 Atlas Court

Bakersfield, CA 93308

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

ConocoPhillips Site Manager: Shelby Lathrop

INVOICE REMITTANCE ADDRESS:

CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips SAP Project Number

ConocoPhillips Requisition / Line Number

DATE: 10/29/2009

PAGE: 1 of 3

SAMPLING COMPANY:	Delta Consultants
Valid Value ID:	
CONOCOPHILLIPS SITE NUMBER	SS# 6129 (AOC #4583)
GLOBAL ID NO.:	T0600101465
ADDRESS:	11050 White Rock Road #110, Rancho Cordova, CA 95670
SITE ADDRESS (Street and City):	3420 35th Avenue, Oakland, California
CONOCOPHILLIPS SITE MANAGER:	Terry Grayson
PROJECT CONTACT (Hardcopy or PDF Report to):	James Barnard
TELEPHONE:	916-503-1279
FAX:	916-638-8385
E-MAIL:	jbarnard@deltaenv.com
EDF DELIVERABLE TO (RP or Designee):	James Barnard (Delta)
PHONE NO.:	916-503-1279
E-MAIL:	jbarnard@deltaenv.com
LAB USE ONLY	09-1450
SAMPLER NAME(S) (Print):	
CONSULTANT PROJECT NUMBER	C106129200

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 ☑

please cc smeninger@deltaenv.com, cmorgan@deltaenv.com and abuehler@deltaenv.com on reports

* 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.	8260B - TPH-G/ BTEX/ 8 Oxygenates (including ethanol)	8260 - Full VOC Scan	1664 - Total Oil and Grease	300.0 - Nitrate, Sulfate	310.1 - Alkalinity	3500 - Ferrous Iron	Cam 17 Metals (Total)	Total Organic Carbon		8260 - TPH-G/BTEX/MTBE	6020 - Lead (Total)										FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	B-21@10 -1	10/22	10:29	SOIL	2	X		X																		
	B-21@20 -2	10/22	10:34	SOIL	2	X		X																		
	B-21@30 -3	10/22	10:45	SOIL	2	X		X																		
	B-21@40 -4	10/22	11:25	SOIL	2	X		X																		
	B-21@50 -5	10/22	11:40	SOIL	2	X		X																		
	B-18@10 -6	10/23	7:25	SOIL	2	X																				
	B-18@20 -7	10/23	7:32	SOIL	2	X																				
	B-18@30 -8	10/23	7:43	SOIL	2	X																				
	B-18@40 -9	10/23	7:51	SOIL	2	X																				
	B-18@50 -10	10/23	8:00	SOIL	2	X																				

TEMPERATURE ON RECEIPT C°

SUB-OUT ☐ DISTRIBUTION CHK BY

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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: Shelby Lathrop

INVOICE REMITTANCE ADDRESS:
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips SAP Project Number:

ConocoPhillips Requisition / Line Number:

DATE: 10/29/2009

SAMPLING COMPANY: Delta Consultants	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: SS# 6129 (AOC #4583)	GLOBAL ID NO.: T0600101465
ADDRESS: 1050 White Rock Road #110, Rancho Cordova, CA 95670		SITE ADDRESS (Street and City): 3420 35th Avenue, Oakland, California	CONOCOPHILLIPS SITE MANAGER: Terry Grayson
PROJECT CONTACT (Hardcopy or PDF Report to): James Barnard		EDF DELIVERABLE TO (RP or Designee): James Barnard (Delta)	PHONE NO.: 916-503-1279
TELEPHONE: 916-503-1279	FAX: 916-638-8385	E-MAIL: jbarnard@deltaenv.com	E-MAIL: jbarnard@deltaenv.com
SAMPLER NAME(S) (Print):	CONSULTANT PROJECT NUMBER: C106129200		LAB USE ONLY: 09-14501

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 ☑

please cc smeninger@deltaenv.com, cmorgan@deltaenv.com
and abuehler@deltaenv.com on reports

REQUESTED ANALYSES

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

* Field Point name only required if different from Sample ID

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8260B - TPH-G/ BTEX/ 8 Oxygenates (including ethanol)	8260 - Full VOC Scan	1664 - Total Oil and Grease	300.0 - Nitrate, Sulfate	310.1 - Alkalinity	3500 - Ferrous Iron	Cam 17 Metals (Total)	Total Organic Carbon		8260 - TPH-G/BTEX/MTBE	6020 - Lead (Total)										TEMPERATURE ON RECEIPT C°
	B-17@10 -11	10/23	11:07	SOIL	2	X																			
	B-17@20 -12	10/23	11:15	SOIL	2	X																			
	B-17@30 -13	10/23	11:21	SOIL	2	X																			
	B-17@40 -14	10/23	11:31	SOIL	2	X																			
	B-17@50 -15	10/23	11:43	SOIL	2	X																			
	B-19@10 -16	10/26	7:22	SOIL	2	X																			
	B-19@20 -17	10/26	7:28	SOIL	2	X																			
	B-19@30 -18	10/26	7:35	SOIL	2	X																			
	B-19@40 -19	10/26	7:45	SOIL	2	X																			
	B-19@50 -20	10/26	8:02	SOIL	1	X																			

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Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

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: Shelby Lathrop

INVOICE REMITTANCE ADDRESS:
CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips SAP Project Number:

ConocoPhillips Requisition / Line Number:

DATE: 10/29/2009

PAGE: 3 of 3

SAMPLING COMPANY: Delta Consultants

Valid Value ID:

CONOCOPHILLIPS SITE NUMBER: SS# 6129 (AOC #4583)

GLOBAL ID NO.: T0600101465

ADDRESS: 1050 White Rock Road #110, Rancho Cordova, CA 95670

SITE ADDRESS (Street and City): 3420 35th Avenue, Oakland, California

CONOCOPHILLIPS SITE MANAGER: Terry Grayson

PROJECT CONTACT (Hardcopy or PDF Report to): James Barnard

EDF DELIVERABLE TO (RP or Designee): James Barnard (Delta)

PHONE NO.: 916-503-1279

E-MAIL: jbarnard@deltaenv.com

LAB USE ONLY: 09-14501

TELEPHONE:	FAX:	E-MAIL:
916-503-1279	916-638-8385	jbarnard@deltaenv.com

SAMPLER NAME(S) (Print):

CONSULTANT PROJECT NUMBER: C106129200

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 ☑

please cc smeninger@deltaenv.com, cmorgan@deltaenv.com
and abuehler@deltaenv.com on reports

* 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.	8260B - TPH-G/ BTEX/ 8 Oxygenates (including ethanol)	8260 - Full VOC Scan	1664 - Total Oil and Grease	300.0 - Nitrate, Sulfate	310.1 - Alkalinity	3500 - Ferrous Iron	Cam 17 Metals (Total)	Total Organic Carbon		8260 - TPH-G/BTEX/MTBE	6020 - Lead (Total)											FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	B-20@10 -21	10/26	12:09	SOIL	2	X																				
	B-20@20 -22	10/26	12:15	SOIL	2	X																				
	B-20@30 -23	10/26	12:23	SOIL	2	X																				
	B-20@40 -24	10/26	12:30	SOIL	2	X																				
	B-20@50 -25	10/26	12:47	SOIL	2	X																				
	Comp A -26	10/26	13:30	H20	7										X	X										

TEMPERATURE ON RECEIPT C°

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Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

9/19/03 Revision

BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 12 06/24/08 Page 1 Of 3

Submission #: 09-14601

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: .95 Container: QT PE Thermometer ID: #163

Temperature: A 2.6 °C / C 2.6 °C

Date/Time 10-20-09 1015

Analyst Init BLT

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	AB	AB	AB	AB	AB	AB	AB	AB	AB	AB
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: Soil Sleeves not labled. Descriptions on bags.
Sample Numbering Completed By: SKR Date/Time: 10/29 1500
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 3

Submission #: 09-144501

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: .95 Container: Qt Pe Thermometer ID: #163

Temperature: A 2.6 °C / C 2.6 °C

Date/Time 10-28-09 1015

Analyst Init BLT

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	20
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	AB	AB	AB	AB	AB	AB	AB	AB	AB	A
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: Soil sleeves not labled. Descriptions on bags

Sample Numbering Completed By: SKR Date/Time: 10/29 1500

A = Actual / C = Corrected

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

Submission #: 09-4150

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: .95 Container: Qt Pe Thermometer ID: #1163

Temperature: A 2.6 °C / C 2.6 °C

Date/Time 10-28-09 1015

Analyst Init BLT

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL					B					
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	( )	( )	( )	( )	A (6)	( )	( )	( )	( )	( )
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	AB	AB	AB	AB	AB SKL 10/29					
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: Soil Sleeves not labled. Descriptions on bags

Sample Numbering Completed By: SKL Date/Time: 10/29 1800

A = Actual / C = Corrected

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