



76 Broadway
Sacramento, CA 95818
phone 916.558.7678
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February 4, 2005

Mr. Robert Schultz
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

RE: ConocoPhillips (Former BP) Site #11124
3315 High Street
Oakland, California

Alameda County
Environmental Health
FEB 08 2005

Dear Mr. Schultz:

Please find attached a *Due Diligence Site Assessment Report* dated December 14, 2004 for the above referenced site. The report summarizes the results of an investigation performed as part of the planned divestment of this property by ConocoPhillips.

If you have any questions or need further information, please contact me at (916) 558-7604.

Sincerely,

Liz Sewell
Site Manager
Risk Management & Remediation

Attachment

cc: Kyle Christie, Atlantic Richfield Company



SECOR
INTERNATIONAL
INCORPORATED

www.secor.com
3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
916.861.0400 TEL
916.861.0430 FAX

December 14, 2004

Mr. Andrew Stow
ConocoPhillips
600 North Dairy Ashford
Houston, Texas 77079

Re: Due Diligence Site Assessment Report
76 Service Station 261124
3315 High Street
Oakland, California

Alameda County
FEB 08 2005
Environmental Health

Mr. Stow:

SECOR International Incorporated (SECOR) is pleased to present the results of the due diligence site assessment conducted at the above-referenced site. The purpose of the site assessment is to generate a baseline assessment of property conditions at the time of a property transfer. The data reported herein were collected on behalf of ConocoPhillips, and were not requested or required by a regulatory agency.

The completed scope of work included the following:

- Preparing a site-specific Health and Safety Plan;
- Marking the soil boring locations, notifying Underground Service Alert (USA) and conducting a geophysical survey with a private utility locator to identify any potential conflicts with existing underground utilities;
- Drilling 4 exploratory soil borings;
- Collecting soil samples at approximate 5-foot intervals for purposes of logging subsurface conditions, field detection of organic vapors using a photoionization detector (PID), and potential laboratory analysis;
- Collecting groundwater samples from two existing wells for laboratory analysis; and
- Preparing a report of the site assessment activities.

Past Environmental Activities

The site is an active service station located on the southwest corner of High Street and Porter Street in Oakland, California (Figure 1). Residential areas exist to the southwest and northwest of the site. Commercial businesses exist southeast and northeast of the site.

Four steel underground storage tanks (USTs) were removed from the site in 1986. The USTs comprised one 10,000-gallon, one 8,000-gallon, one 6,000-gallon tank, all used for storing gasoline, and one 280-gallon waste oil tank. Kaprealean Engineering, Incorporated (KEI) conducted soil sampling during the removal of the USTs. Groundwater was present in the UST excavation and sheen was noted on the water surface. Petroleum hydrocarbons were not detected above laboratory reporting limits in soil samples collected during the investigation.

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In August 1986, KEI installed three groundwater monitoring wells at the site (MW-1 through MW-3) near the UST complex (MW-1), the waste oil tank (MW-3), and the south corner of the property (MW-2). Petroleum hydrocarbons were not detected above laboratory reporting limits in soil and groundwater samples collected during this investigation.

IN July 1990, the dispenser islands and product piping was replaced. KEI collected soil samples from beneath the removed dispenser islands. Total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and total xylenes (BTEX) were reported in soil samples collected during this investigation, at the following maximum concentrations: TPHg (120 milligrams per kilogram [mg/kg]); benzene (1 mg/kg), toluene (0.8 mg/kg), ethylbenzene (2.6 mg/kg), xylenes (3 mg/kg).

In May 1991, monitoring well MW-3 was abandoned. Following the abandonment, well MW-4 was installed approximately 12 feet north of former well MW-3. Two additional soil borings were also drilled during this investigation, in the vicinity of the waste oil tank. RESNA collected six soil samples at depths ranging from 5 to 17 feet bgs. Analytical results of the soil samples indicated the presence of oil and grease (TOG), toluene, ethylbenzene, xylenes, phenanthrene, cadmium, chromium, lead, nickel, and zinc.

Ten groundwater sampling events were conducted at the site between August 1986 and April 1993. Historically, TPHg, toluene, ethylbenzene, xylenes, and TOG have been detected in groundwater beneath the site. Groundwater flow directions varied from north to south to southwest.

In September 1994, EMCON drilled three soil borings (THP-1 through THP-3) using cone penetrometer testing (CPT) equipment, and collected soil and groundwater samples from the borings. The borings were advanced in the vicinity of the UST complex, the pump islands, and adjacent to the station building near the auto service bays. EMCON also collected groundwater samples from wells MW-2 and MW-4 during this investigation. TPHg, BTEX, TOG, phenanthrene, and metals were reported in soil samples collected during this investigation. TPHg, total petroleum hydrocarbons as diesel (TPHd), BTEX, and TOG were reported in groundwater samples collected during this investigation.

In December 1996, the oil/water separator beneath the service bays was removed. Pacific Environmental Group (PEG) collected soil samples during this investigation. The oil/water separator was reported in good condition upon removal; however, staining and odor were noted in the underlying soil, and petroleum hydrocarbons were reported in soil samples.

Baseline Site Investigation

Field Activities

On April 21, 2004, SECOR observed the drilling of four direct-push soil borings (SB-1 through SB-4) in the vicinity of the existing USTs and dispensers. Boring locations are shown on Figure 1. Borings SB-1 through SB-4 were drilled to total depths of 10 to 19 feet bgs. Soil samples were collected from the borings at 5-foot intervals for stratigraphic evaluation, field screening using a PID, and for

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possible laboratory analysis. SECOR obtained soil boring permits from the Alameda County Public Works Agency, Water Resources Section (County) prior to field work.

SECOR collected groundwater samples from two existing wells located at the west and east corners of the site. Two additional wells exist at the site, located in the west and east corners of the UST complex, but these wells were inaccessible for sampling during this investigation.

SECOR's geologist logged the soil types encountered in the borings on the boring logs in accordance with the Unified Soils Classification System (USCS) visual and manual methods. Upon completion of drilling, the borings were filled to the surface with cement grout using a tremie pipe, and the surface was finished with concrete to match existing conditions.

Subsurface Conditions

Soil encountered during this investigation consists primarily of silty or sandy clay, with varying amounts of gravel. This is consistent with soil descriptions from previous investigations. Soil conditions are described on the boring logs, provided in Attachment A.

Groundwater was not encountered in the borings during drilling. Groundwater was encountered in the two accessible wells at depths of 8.5 and 10.5 feet bgs.

Laboratory Analytical Procedures

Soil and groundwater samples collected during field activities were delivered under chain-of-custody protocol to Severn Trent Laboratories of Pleasanton, California (STL). STL is certified by the State of California Department of Health Services Environmental Laboratory Accreditation Program to perform the requested analyses. Groundwater samples collected from the wells and select soil samples collected from the borings were analyzed for TPHg, BTEX, and fuel oxygenates including methyl tertiary butyl ether (MTBE), tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), ethylene dibromide (EDB), 1,2-dichloroethane (1,2-DCA), tertiary amyl methyl ether (TAME), and ethanol, using EPA Method 8260B. Soil samples collected from boring SB-4 (near the waste oil UST) were also analyzed for TOG using EPA Method 1664A and lead using EPA Method 6010B. Groundwater samples collected from the west well (near the waste oil UST) were also analyzed for TOG using EPA Method 418.1 and dissolved lead by EPA Method 6010B.

Summary of Laboratory Analytical Results

Laboratory analytical data for soil samples collected during this investigation are summarized in Table 1. Laboratory analytical data for groundwater samples collected during this investigation are summarized in Table 2. Analytical reports and chain-of-custody records are provided in Attachment B.

Laboratory analytical results for soil samples collected during this investigation indicate the following:

- No analytes were reported above laboratory method reporting limits in soil samples collected from SB-1.
- TPHg was reported in borings SB-2, SB-3, and SB-4, at a maximum concentration of 99 mg/kg in the sample collected from SB-3 at 10 feet bgs.

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- Benzene was reported in the soil sample collected from boring SB-4 at 10 feet bgs, at a concentration of 0.011 mg/kg.
- Ethylbenzene and total xylenes were reported in the soil sample collected from SB-4 at 10 feet bgs, at concentrations of 0.0055 and 0.011 mg/kg, respectively.
- MTBE was reported in soil samples collected from SB-3 and SB-4, at a maximum concentration of 0.034 mg/kg in the sample collected from SB-4 at 10 feet bgs.
- TBA was reported in the soil sample collected from SB-4 at 10 feet bgs, at a concentration of 0.079 mg/kg.
- Lead was reported in soil samples collected from SB-4 at 5 and 10 feet bgs, at concentrations of 4.0 and 4.9 mg/kg.
- Organic vapors were measured in all soil samples collected from the borings using a photoionization detector (PID). Organic vapor measurements ranged from 0 to 513 parts per million (ppm).

Laboratory analytical data for groundwater samples collected during this investigation indicate the following:

- TPHg was reported in groundwater samples collected from MW-A and MW-B, at concentrations of 62 and 55 micrograms per liter (ug/l), respectively.
- MTBE was reported in the groundwater sample collected from MW-A, at a concentration of 23 ug/l.
- TOG was reported in the groundwater sample collected from MW-B (in the vicinity of the waste oil tank) at a concentration of 2,000 ug/l.
- No other analytes were reported above laboratory method reporting limits in groundwater samples collected during this investigation.

Waste Removal

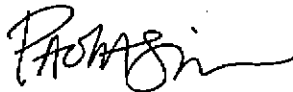
Soil and rinsate water generated during drilling operations was stored at the site in 55-gallon metal drums pending characterization and disposal. Filter Recycling, of Colton, California, transported the soil and rinsate water to their Rialto, California facility for recycling.

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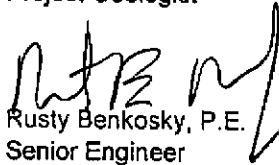
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We appreciate the opportunity to be of service on this project. Please do not hesitate to contact the undersigned if you have any questions regarding the information presented herein.

Respectfully Submitted,
SECOR International, Incorporated



Paula Sime
Project Geologist



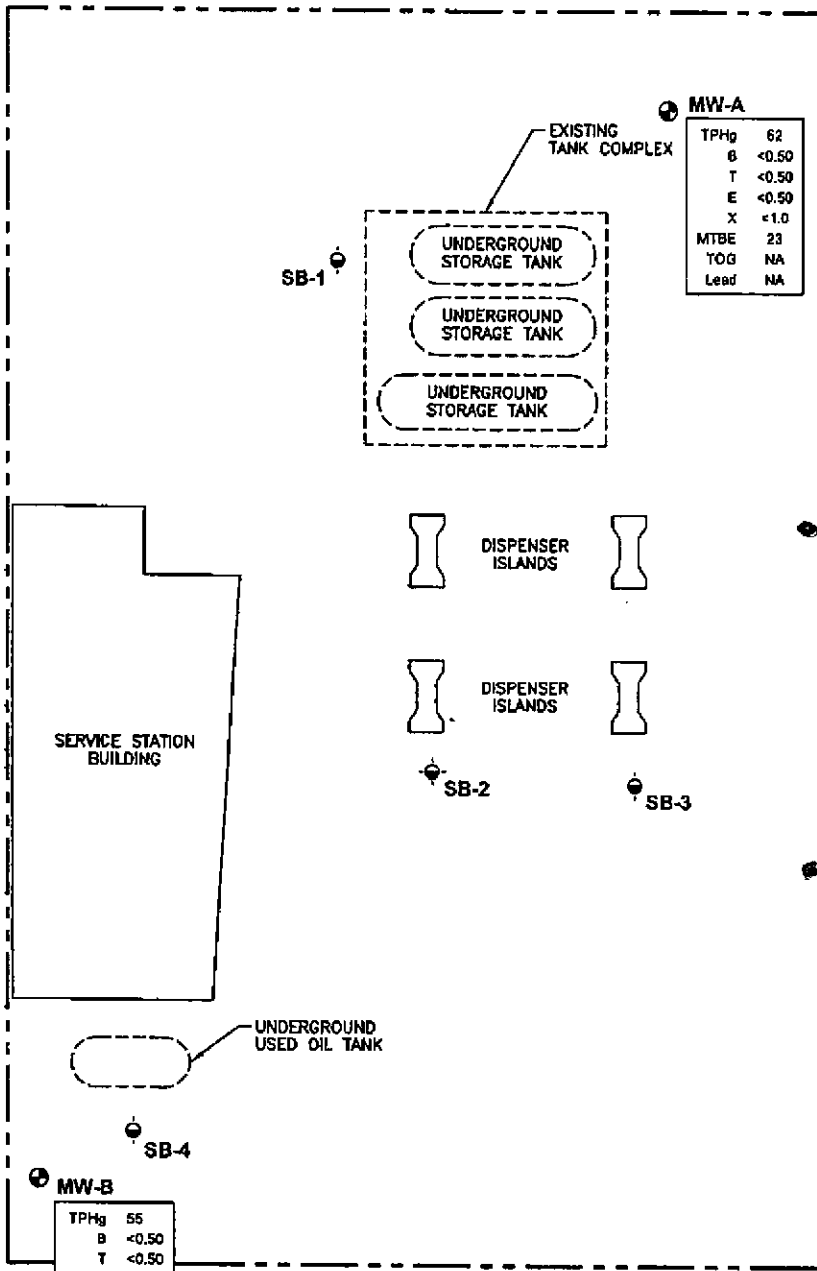
Rusty Benkosky, P.E.
Senior Engineer



cc: Hal Kuntz, ConocoPhillips
Liz Sewell, ConocoPhillips
Bob Turrietta, ConocoPhillips Real Estate, 3611 Harbor Blvd., Suite 200, Santa Ana, CA
92704 (2 hard copies)

Attachments: Table 1 – Soil Analytical Data
Table 2 – Groundwater Analytical Data
Figure 1 – Site Plan
Attachment A – Boring Logs
Attachment B – Laboratory Analytical Reports and Chain-of-Custody
Records

PORTER STREET



MW-A

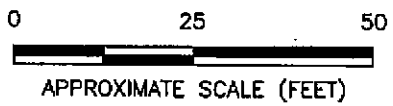
TPHg	62
B	<0.50
T	<0.50
E	<0.50
X	<1.0
MTBE	23
TOG	NA
Lead	NA

MW-B

TPHg	55
B	<0.50
T	<0.50
E	<0.50
X	<1.0
MTBE	<0.50
TOG	2,000
Lead	<5.0

LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- ⊙ GEOPROBE BORING LOCATION
- ⊕ GROUNDWATER MONITORING WELL LOCATION
- TPHg TOTAL PETROLEUM HYDROCARBONS AS GASOLINE by EPA METHOD 8260B
- B BENZENE by EPA METHOD 8260B
- MTBE METHYL TERT-BUTYL ETHER by EPA METHOD 8260B
- T TOLUENE by EPA METHOD 8260B
- E ETHYLBENZENE by EPA METHOD 8260B
- X XYLENES by EPA METHOD 8260B
- TOG TOTAL OIL AND GREASE by EPA METHOD 1664A
- Lead TOTAL LEAD by EPA METHOD 6010B
- < BELOW LABORATORY REPORTING LIMIT INDICATED
- NA NOT ANALYZED



NOTE
CONCENTRATIONS SHOWN IN MICROGRAMS PER LITER (ug/l)

REFERENCE: EMCON NORTHWEST, INC.


 SECOR 3017 KILGORE ROAD #100 RANCHO CORDOVA, CALIFORNIA PHONE: (916) 861-0400/861-0430 (FAX)	PREPARED FOR: 76 SERVICE STATION NO. 11124 3315 HIGH STREET OAKLAND, CALIFORNIA	SITE PLAN		FIGURE: <h1 style="text-align: center;">1</h1>
	JOB NUMBER: 77CH.60124.00.0001	DRAWN BY: KAM	CHECKED BY:	APPROVED BY:

Table 1
Soil Analytical Data
 76 Service Station 2611124
 3315 High Street
 Oakland, California

Sample Name	Sample Depth (feet)	Date Sampled	PID Reading (ppm)	EPA Method 8260B							EPA 1664A	EPA 6010B
				TPHg (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Oxygenates (mg/kg)	Oil and Grease (mg/kg)	Total Lead (mg/kg)
SB1-5'	5	04/21/04	0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND	-	-
SB1-14'	14	04/21/04	0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND	-	-
SB2-5'	5	04/21/04	0	<1.0	<0.50	<0.50	<0.50	<0.50	0.0066	ND	-	-
SB2-10'	10	04/21/04	76	89	<0.50	<0.50	<0.50	<0.50	<0.50	ND	-	-
SB3-5'	5	04/21/04	513	99	<0.50	<0.50	<0.50	0.62	<0.50	ND	-	-
SB3-10'	10	04/21/04	37	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	ND	-	-
SB4-5'	5	04/21/04	6	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	ND	<50	4.0
SB4-10'	10	04/21/04	0	1.4	0.011	<0.0050	0.0055	0.011	0.034	0.079a	<50	4.9

Notes:

PID = photoionization detector

TPHg = total petroleum hydrocarbons as gasoline

MTBE = methyl tertiary butyl ether

Oxygenates = di-isopropyl ether (DIPE), tertiary butyl alcohol (TBA), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), ethylene dibromide (EDB), ethanol, 1,2-dichloroethane (1,2-DCA)

- = not analyzed

< = less than the stated laboratory method reporting limit

ND = Not detected above laboratory method reporting limit. See laboratory analytical report for specific reporting limits.

mg/kg = milligrams per kilogram

a = TBA

Table 2
Groundwater Analytical Data
 76 Service Station 2611124
 3315 High Street
 Oakland, California

Sample Name	Date Sampled	EPA Method 8260B							EPA 1664A	EPA 6010B
		TPHg (ug/l)	Benzene (ug/l)	Toluene (ug/l)	Ethylbenzene (ug/l)	Total Xylenes (ug/l)	MTBE (ug/l)	Oxygenates (ug/l)	Oil and Grease (ug/l)	Lead (ug/l)
MW-A	04/21/04	62	<0.50	<0.50	<0.50	<1.0	23	ND	-	-
MW-B	04/21/04	55	<0.50	<0.50	<0.50	<1.0	<0.50	ND	2,000	<5.0

Notes:
 TPHg = total petroleum hydrocarbons as gasoline
 MTBE = methyl tertiary butyl ether
 ug/l = micrograms per liter
 -- = not analyzed
 < = less than the stated laboratory method reporting limit
 ND = Not detected at or above the laboratory method reporting limit. See laboratory analytical report for specific reporting limits.
 Oxygenates = di-isopropyl ether (DIPE), tertiary butyl alcohol (TBA), tertiary amyl methyl ether (TAME), ethyl tertiary butyl ether (ETBE), ethylene dibromide (EDB), ethanol, and 1,2-dichloroethane (1,2-DCA)

S E C O R

**ATTACHMENT A
BORING LOGS**

SECOR

International Incorporated

Logged By:	Date Drilled:	Drilling Contractor	Project Name:		Method/Equipment:	Boring Number:	
Robitalille	4/21/04	WDC	CONOCOPHILLIPS #11124 Oakland		Direct Push Cont. Core	SB-1	
See "Legend to Logs" for sampling method, classifications and laboratory testing methods		Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Depth (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):
		1.5		Not Encountered	19.0		
Well Construction	Depth (ft.)	Sample Type	Description			PID (PPM)	SAMPLE NAME
Grout Backfill	0	Asphalt	Asphalt			0.0	
	0	Fill	Coarse gravel and sand			0.0	
	0	Sandy Clay (CL)	Dark yellowish brown, moderately hard, moist, trace gravels to 1.5" increasing in size and percentages with depth, sand fine to very coarse, poorly sorted (0, 20, 10, 70)			0.0	
	5	As Above:	(15, 30, 0, 55)			0.0	SB-1 -5'
	10	Sandy Clay (CL)	Dark yellowish brown, moderately hard, moist, sand is poorly sorted, fine to very coarse, coarse grained sand is predominate (0, 40, 10, 50)			0.0	
	10	Grades light gray and dark yellowish brown mottled Clay with gravel (CL)	Light grayish brown with dark yellow and black mottling, hard, moist to wet at 10.5', gravel is fine to very fine, sand is fine to coarse (25, 15, 10, 50)			0.0	SB-1 -10'
15	Clay (CL)	Grayish brown, moderately soft, wet, trace sand (0, 0, 10, 90) Grades wet			0.0		
15	Clay (CL)	Dark grayish brown, hard moist (0, 10, 10, 80)			0.0		
15	Sandy Clay (CL)	Dark yellowish brown, moderately hard, moist, sand is poorly sorted, fine to very coarse, coarse grained sand is predominate (0, 40, 10, 50) Grades dry			0.0	SB-1 -14'	
19	Clay (CL)	Grayish brown, hard, dry, trace small gravel (0, 0, 0, 100)			0.0		
19	Boring terminated at 19 feet below ground surface						

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 77CP.60124.00.0003 Date 5/6/04 TMP

Log of Boring

SB1-5.GPJ
LOG OF BOREHOLE

Figure

(sheet 1 of 1)

SECOR

International Incorporated

Logged By: Robitalille	Date Drilled: 4/21/04	Drilling Contractor: WDC	Project Name: CONOCOPHILLIPS #11124 Oakland	Method/Equipment: Direct Push Cont. Core	Boring Number: SB-2			
See "Legend to Logs" for sampling method, classifications and laboratory testing methods		Boring Diam.(in.): 1.5	Surface Elev.(ft.):	Groundwater Depth (ft.): Not Encountered	Total Depth (ft.): 10.0	Drive wt.(lbs.):	Drop Dist.(in.):	
Well Construction	Depth, (ft.)	Sample Type	Description				PID [PPM]	SAMPLE NAME
Grout Backfill	0	[Cross-hatched pattern]	Asphalt				0.0	SB-2 -5'
			Fill Sand, gravel and silt					
			Mixed clay and fill with cobbles					
			Sandy Clay with Gravel (CL): dark grayish brown to dark redish brown with dark yellow, dark red, and black mottling, vary hard, dry, sand is poorly sorted, very fine to very coarse, gravels to cobbles (15, 30, 10, 45)					
			Silty Clay (CL): grayish brown, medium hard, moist (0, 20, 30, 50)					
10	[Diagonal hatched pattern]	Grades moist, dire gray, moderate petoleum (gas) odor				0.0	SB-2 -10'	
		Boring terminated at 10' below ground surface				76		
15								
20								

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 77CP.60124.00.0003 Date 5/6/04 TMP

Log of Boring

SB1-5.GPJ
LOG OF BOREHOLE

Figure

(sheet 1 of 1)

SECOR

International Incorporated

Logged By: Robitalille	Date Drilled: 4/21/04	Drilling Contractor: WDC	Project Name: CONOCOPHILLIPS #11124 Oakland	Method/Equipment: Direct Push Cont. Core	Boring Number: SB-3		
See "Legend to Logs" for sampling method, classifications and laboratory testing methods		Boring Diam.(in.): 1.5	Surface Elev.(ft.):	Groundwater Depth (ft.): Not Encountered	Total Depth (ft.): 12.0	Drive wt.(lbs.):	Drop Dist.(in.):
Well Construction	Depth, (ft.)	Sample Type	Description			PID [PPM]	SAMPLE NAME
Grout Backfill	0	Asphalt	Asphalt				
	0	Fill sand, gravel, silt	Fill sand, gravel, silt				
	0	Sandy Clay with Gravel (CL): dark brown then dark brown at 1.5', hard, moist to dry (10, 40, 10, 40)	Sandy Clay with Gravel (CL): dark brown then dark brown at 1.5', hard, moist to dry (10, 40, 10, 40)			8	
	5	Moderate petroleum odor	Moderate petroleum odor			513	SB-3 -5'
	8	Silty Clay (CL): Grayish brown and yellowish brown with red and black mottling, moderately soft, moist, moderate petroleum odor (5, 20, 30, 45)	Silty Clay (CL): Grayish brown and yellowish brown with red and black mottling, moderately soft, moist, moderate petroleum odor (5, 20, 30, 45)			185	SB-3 -8'
10	Sandy Clay with Gravel (CL): dark brown then dark brown at 1.5', hard, moist to dry (10, 40, 10, 40)	Sandy Clay with Gravel (CL): dark brown then dark brown at 1.5', hard, moist to dry (10, 40, 10, 40)			37	SB-3 -10'	
			Boring terminated at 12' below ground surface.				
	15						
	20						

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 77CP.60124.00.0003 Date 5/6/04 TMP

Log of Boring

SB1-5.GPJ
LOG OF BOREHOLE

Figure

(sheet 1 of 1)

SECOR

International Incorporated

Logged By:	Date Drilled:	Drilling Contractor	Project Name:		Method/Equipment:	Boring Number:		
Robitalille	4/22/04	WDC	CONOCOPHILLIPS #11124 Oakland		Direct Push Cont. Core	SB-4		
See "Legend to Logs" for sampling method, classifications and laboratory testing methods		Boring Diam.(in.):	Surface Elev.(ft.):	Groundwater Depth (ft.):	Total Depth (ft.):	Drive wt.(lbs.):	Drop Dist.(in.):	
		1.5		Not Encountered	10.0			
Well Construction	Depth, (ft.)	Sample Type	Description				PID [PPM]	SAMPLE NAME
Grout Backfill	0	Asphalt	Asphalt					
	0	Fill gravel, sand and silt	Fill gravel, sand and silt					
	0	Sandy Clay with Gravel (CL): Dark grayish brown and dark yellowish brown mottled, hard, moist to dry, very poorly sorted sand and gravel, fint very coarse with cobbles (15, 30, 10, 45)	Sandy Clay with Gravel (CL): Dark grayish brown and dark yellowish brown mottled, hard, moist to dry, very poorly sorted sand and gravel, fint very coarse with cobbles (15, 30, 10, 45)				0.0	
	5	No petroleum odor	No petroleum odor				6	SB-4 -5'
	6	Clayey Sand (SC): light grayish brown, hard dry, very poorly sorted fine to coarse sand, trace gravel (0, 40, 10, 50)	Clayey Sand (SC): light grayish brown, hard dry, very poorly sorted fine to coarse sand, trace gravel (0, 40, 10, 50)				3	
	6	Sandy Clay with Gravel (CL): Dark grayish brown and dark yellowish brown mottled, hard, moist to dry, very poorly sorted sand and gravel, fint very coarse with cobbles (15, 30, 10, 45)	Sandy Clay with Gravel (CL): Dark grayish brown and dark yellowish brown mottled, hard, moist to dry, very poorly sorted sand and gravel, fint very coarse with cobbles (15, 30, 10, 45)				3	
	10	Boring terminated at 10' below ground surface	Boring terminated at 10' below ground surface				0.0	SB-4 -10'

The substrata descriptions above are generalized representations and based upon visual/manual classification of cuttings and/or samples obtained during drilling. Predominant material types shown on the log may contain different materials and the change from one predominant material type to another could be different than indicated. Descriptions on this log apply only at the specific location at the time of drilling and may not be representative of subsurface conditions at other locations or times.

Project No. 77CP.60124.00.0003 Date 5/6/04 TMP

Log of Boring

SB1-5.GPJ
LOG OF BOREHOLE

Figure

(sheet 1 of 1)

S E C O R

ATTACHMENT B
LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

SECOR-Sacramento

May 05, 2004

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Attn.: Paula Sime
Project#: 77CP.60124
Project: 76 Station # 11124
Site: 3315 High St., Oakland, CA

Attached is our report for your samples received on 04/21/2004 16:25
This report has been reviewed and approved for release. Reproduction of this report
is permitted only in its entirety.

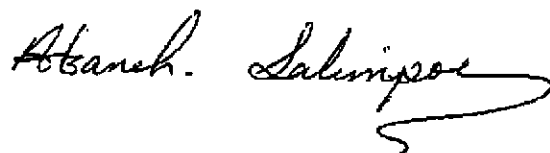
The report contains a Case Narrative detailing sample receipt and analysis.

Please note that any unused portion of the samples will be discarded after
06/05/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,
please call me at (925) 484-1919.

You can also contact me via email. My email address is: asalimpour@stl-inc.com

Sincerely,



Afsaneh Salimpour
Project Manager

SECOR-Sacramento

May 05, 2004

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Attn.: Paula Sime
Project#: 77CP.60124
Project: 76 Station # 11124
Site: 3315 High St., Oakland, CA

Case Narrative

General and Sample Comments

We (STL San Francisco) received 10 Soil samples and 2 Water samples, on Wednesday, April 21, 2004 4:25 PM.

Analysis Comments and Flags by QC Batch

Fuel Oxygenates by 8260B (Selectable)	Water	QC Batch#: 2004/04/30-01.62
---------------------------------------	-------	-----------------------------

MW-B 2004040654 010

Compound Flag(s)
g Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Fuel Oxygenates by 8260B (Selectable)	Water	QC Batch#: 2004/05/03-02.66
---------------------------------------	-------	-----------------------------

MW-A 2004040654 009

Compound Flag(s)
g Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Gas/BTEX Fuel Oxygenates by 8260B (High Level)	Soil	QC Batch#: 200405013A69
--	------	-------------------------

SB2-10' 2004040654 005

Compound Flag(s)
g Hydrocarbon reported in the gasoline range does not match our gasoline standard.

SB3-5' 2004040654 006

Compound Flag(s)
g Hydrocarbon reported in the gasoline range does not match our gasoline standard.

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Oil & Grease (Total) by EPA 1664A

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SB4-5'	04/21/2004 13:30	Soil	7
SB4-10'	04/21/2004 13:40	Soil	8

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04/26/2004 13:50

Oil & Grease (Total) by EPA 1664A

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
 Rancho Cordova, CA 95670
 Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
 76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 1664A	Test(s): 1664A
Sample ID: SB4-5	Lab ID: 2004-04-0654 - 7
Sampled: 04/21/2004 13:30	Extracted: 4/23/2004 00:00
Matrix: Soil	QC Batch#: 2004/04/23-02.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	04/24/2004	

Oil & Grease (Total) by EPA 1664A

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
 Rancho Cordova, CA 95670
 Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
 76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 1664A	Test(s): 1664A
Sample ID: SB4-10	Lab ID: 2004-04-0654 - 8
Sampled: 04/21/2004 13:40	Extracted: 4/23/2004 00:00
Matrix: Soil	QC Batch#: 2004/04/23-02.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	1.00	04/24/2004	

Oil & Grease (Total) by EPA 1664A

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
 Rancho Cordova, CA 95670
 Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
 76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 1664A

Method Blank

MB: 2004/04/23-02.23-001

Soil

Test(s): 1664A

QC Batch # 2004/04/23-02.23

Date Extracted: 04/23/2004

Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (total)	ND	50	mg/Kg	04/24/2004	

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04/26/2004 13:50

Oil & Grease (Total) by EPA 1664A

SECOR-Sacramento

Attn.: Paula Sime

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Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 1664A

Test(s): 1664A

Laboratory Control Spike

Soil

QC Batch # 2004/04/23-02.23

LCS 2004/04/23-02.23-002

Extracted: 04/23/2004

Analyzed: 04/24/2004

LCSD 2004/04/23-02.23-003

Extracted: 04/23/2004

Analyzed: 04/24/2004

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Oil & Grease (total)	786	774	800	98.3	96.8	1.5	79-114	18		

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04/26/2004 13:50

Total Lead

SECOR-Sacramento

Attn.: Paula Sime

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SB4-5'	04/21/2004 13:30	Soil	7
SB4-10'	04/21/2004 13:40	Soil	8

Total Lead

SECOR-Sacramento

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 3050B	Test(s): 6010B
Sample ID: SB4-5	Lab ID: 2004-04-0654 - 7
Sampled: 04/21/2004 13:30	Extracted: 4/22/2004 18:02
Matrix: Soil	QC Batch#: 2004/04/22-04.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	4.0	1.0	mg/Kg	1.00	04/23/2004 08:33	

Total Lead

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s):	3050B	Test(s):	6010B
Sample ID:	SB4-10'	Lab ID:	2004-04-0654 - 8
Sampled:	04/21/2004 13:40	Extracted:	4/26/2004 13:23
Matrix:	Soil	QC Batch#:	2004/04/26-03.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	4.9	1.0	mg/Kg	1.00	04/27/2004 00:23	

Total Lead

SECOR-Sacramento

Attn.: Paula Sime

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 3050B

Method Blank

MB: 2004/04/22-04.15-012

Soil

Test(s): 6010B

QC Batch # 2004/04/22-04.15

Date Extracted: 04/22/2004 18:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	04/23/2004 07:20	

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04/29/2004 11:12

Total Lead

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 3050B

Method Blank

MB: 2004/04/26-03.15-065

Soil

Test(s): 6010B

QC Batch # 2004/04/26-03.15

Date Extracted: 04/26/2004 13:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	04/27/2004 00:08	

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04/29/2004 11:12

Total Lead

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Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike

Soil

QC Batch # 2004/04/22-04.15

LCS 2004/04/22-04.15-013

Extracted: 04/22/2004

Analyzed: 04/23/2004 07:24

LCSD 2004/04/22-04.15-014

Extracted: 04/22/2004

Analyzed: 04/23/2004 07:28

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	88.3	87.8	100.0	88.3	87.8	0.6	80-120	20		

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04/29/2004 11:12

Total Lead

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Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike

Soil

QC Batch # 2004/04/26-03.15

LCS 2004/04/26-03.15-066

Extracted: 04/26/2004

Analyzed: 04/27/2004 00:12

LCSD 2004/04/26-03.15-067

Extracted: 04/26/2004

Analyzed: 04/27/2004 00:16

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	91.7	89.7	100.0	91.7	89.7	2.2	80-120	20		

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04/29/2004 11:12

Dissolved Metals

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-B	04/21/2004 14:30	Water	10

Dissolved Metals

SECOR-Sacramento

Attn.: Paula Sime

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s):	3005A	Test(s):	6010B
Sample ID:	MW-B	Lab ID:	2004-04-0654 - 10
Sampled:	04/21/2004 14:30	Extracted:	4/26/2004 07:36
Matrix:	Water	QC Batch#:	2004/04/26-V1.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	ND	5.0	ug/l	1.00	04/26/2004 19:13	

Dissolved Metals

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Rancho Cordova, CA 95670
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Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 3005A

Method Blank

MB: 2004/04/26-V1.15-005

Water

Test(s): 6010B

QC Batch # 2004/04/26-V1.15

Date Extracted: 04/26/2004 07:36

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	5.0	ug/l	04/26/2004 19:00	

Dissolved Metals

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Attn.: Paula Sime

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Laboratory Control Spike

Water

QC Batch # 2004/04/26-V1.15

LCS 2004/04/26-V1.15-006

Extracted: 04/26/2004

Analyzed: 04/26/2004 19:04

LCSD 2004/04/26-V1.15-007

Extracted: 04/26/2004

Analyzed: 04/26/2004 19:08

Compound	Conc. ug/l		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Lead	502	492	500	100.4	98.4	2.0	80-120	20		

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05/11/2004 17:05

Dissolved Metals

SECOR-Sacramento

Attn.: Paula Sime

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 3005A

Test(s): 6010B

Matrix Spike (MS / MSD)

Water

QC Batch # 2004/04/26-V1.15

TS1-G4 >> MS

Lab ID: 2004-04-0701 - 033

MS: 2004/04/26-V1.15-017

Extracted: 04/26/2004

Analyzed: 04/26/2004 19:57

Dilution: 1.00

MSD: 2004/04/26-V1.15-018

Extracted: 04/26/2004

Analyzed: 04/26/2004 20:02

Dilution: 1.00

Compound	Conc. ug/l			Spk.Level ug/l	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Lead	475	470	ND	500	95.0	94.0	1.1	75-125	20		

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05/11/2004 17:05

Oil & Grease (Total) by EPA 1664A

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-B	04/21/2004 14:30	Water	10

Oil & Grease (Total) by EPA 1664A

SECOR-Sacramento

Attn.: Paula Sime

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 1664A	Test(s): 1664A
Sample ID: MW-B	Lab ID: 2004-04-0654 - 10
Sampled: 04/21/2004 14:30	Extracted: 4/22/2004 00:00
Matrix: Water	QC Batch#: 2004/04/22-03.23

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Oil & Grease (total)	2000	1000	ug/L	1.00	04/23/2004	

Oil & Grease (Total) by EPA 1664A

SECOR-Sacramento

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 Rancho Cordova, CA 95670
 Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
 76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 1664A
 Method Blank
 MB: 2004/04/22-03.23-001

Water

Test(s): 1664A
 QC Batch # 2004/04/22-03.23
 Date Extracted: 04/22/2004

Compound	Conc.	RL	Unit	Analyzed	Flag
Oil & Grease (total)	ND	1000	ug/L	04/23/2004	

Oil & Grease (Total) by EPA 1664A

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Project: 77CP.60124
 76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 1664A

Test(s): 1664A

Laboratory Control Spike

Water

QC Batch # 2004/04/22-03.23

LCS 2004/04/22-03.23-002

Extracted: 04/22/2004

Analyzed: 04/23/2004

LCSD 2004/04/22-03.23-003

Extracted: 04/22/2004

Analyzed: 04/23/2004

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Oil & Grease (total)	39000	39700	40000	97.5	99.3	1.8	79-114	18		

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1095 * www.stl-inc.com * CA DHS ELAP# 2496

05/11/2004 14:34

Gas/BTEXFuel Oxygenates by 8260B (High Level)

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SB2-10'	04/21/2004 11:50	Soil	5
SB3-5'	04/21/2004 12:35	Soil	6

Gas/BTEXFuel Oxygenates by 8260B (High Level)

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: SB2-10	Lab ID: 2004-04-0654 - 5
Sampled: 04/21/2004 11:50	Extracted: 5/1/2004 13:07
Matrix: Soil	QC Batch#: 2004/05/01-3B.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	89	50	mg/Kg	1.00	05/01/2004 13:07	g
Benzene	ND	0.50	mg/Kg	1.00	05/01/2004 13:07	
Toluene	ND	0.50	mg/Kg	1.00	05/01/2004 13:07	
Ethyl benzene	ND	0.50	mg/Kg	1.00	05/01/2004 13:07	
Total xylenes	ND	0.50	mg/Kg	1.00	05/01/2004 13:07	
tert-Butyl alcohol (TBA)	ND	2.5	mg/Kg	1.00	05/01/2004 13:07	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	1.00	05/01/2004 13:07	
Di-isopropyl Ether (DIPE)	ND	1.0	mg/Kg	1.00	05/01/2004 13:07	
Ethyl tert-butyl ether (ETBE)	ND	0.50	mg/Kg	1.00	05/01/2004 13:07	
tert-Amyl methyl ether (TAME)	ND	0.50	mg/Kg	1.00	05/01/2004 13:07	
1,2-DCA	ND	0.50	mg/Kg	1.00	05/01/2004 13:07	
EDB	ND	0.50	mg/Kg	1.00	05/01/2004 13:07	
Ethanol	ND	25	mg/Kg	1.00	05/01/2004 13:07	
Surrogate(s)						
1,2-Dichloroethane-d4	79.4	70-121	%	1.00	05/01/2004 13:07	
Toluene-d8	87.7	81-117	%	1.00	05/01/2004 13:07	

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05/12/2004 13:46

Gas/BTEXFuel Oxygenates by 8260B (High Level)

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 5030B Test(s): 8260B
Sample ID: SB3-5 Lab ID: 2004-04-0654 - 6
Sampled: 04/21/2004 12:35 Extracted: 5/1/2004 13:25
Matrix: Soil QC Batch#: 2004/05/01-3B.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	99	50	mg/Kg	1.00	05/01/2004 13:25	
Benzene	ND	0.50	mg/Kg	1.00	05/01/2004 13:25	
Toluene	ND	0.50	mg/Kg	1.00	05/01/2004 13:25	
Ethyl benzene	ND	0.50	mg/Kg	1.00	05/01/2004 13:25	
Total xylenes	0.62	0.50	mg/Kg	1.00	05/01/2004 13:25	
tert-Butyl alcohol (TBA)	ND	2.5	mg/Kg	1.00	05/01/2004 13:25	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	1.00	05/01/2004 13:25	
Di-isopropyl Ether (DIPE)	ND	1.0	mg/Kg	1.00	05/01/2004 13:25	
Ethyl tert-butyl ether (ETBE)	ND	0.50	mg/Kg	1.00	05/01/2004 13:25	
tert-Amyl methyl ether (TAME)	ND	0.50	mg/Kg	1.00	05/01/2004 13:25	g
1,2-DCA	ND	0.50	mg/Kg	1.00	05/01/2004 13:25	
EDB	ND	0.50	mg/Kg	1.00	05/01/2004 13:25	
Ethanol	ND	25	mg/Kg	1.00	05/01/2004 13:25	
Surrogate(s)						
1,2-Dichloroethane-d4	82.6	70-121	%	1.00	05/01/2004 13:25	
Toluene-d8	93.4	81-117	%	1.00	05/01/2004 13:25	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/05/01-3B.69-049

Soil

Test(s): 8260B

QC Batch # 2004/05/01-3B.69

Date Extracted: 05/01/2004 10:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	mg/Kg	05/01/2004 10:49	
Benzene	ND	0.50	mg/Kg	05/01/2004 10:49	
Toluene	ND	0.50	mg/Kg	05/01/2004 10:49	
Ethyl benzene	ND	0.50	mg/Kg	05/01/2004 10:49	
Total xylenes	ND	0.50	mg/Kg	05/01/2004 10:49	
tert-Butyl alcohol (TBA)	ND	2.5	mg/Kg	05/01/2004 10:49	
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/Kg	05/01/2004 10:49	
Di-Isopropyl Ether (DIPE)	ND	1.0	mg/Kg	05/01/2004 10:49	
Ethyl tert-butyl ether (ETBE)	ND	0.50	mg/Kg	05/01/2004 10:49	
tert-Amyl methyl ether (TAME)	ND	0.50	mg/Kg	05/01/2004 10:49	
1,2-DCA	ND	0.50	mg/Kg	05/01/2004 10:49	
EDB	ND	0.50	mg/Kg	05/01/2004 10:49	
Ethanol	ND	25	mg/Kg	05/01/2004 10:49	
Surrogates(s)					
1,2-Dichloroethane-d4	84.2	70-121	%	05/01/2004 10:49	
Toluene-d8	98.0	81-117	%	05/01/2004 10:49	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/05/01-3B.69

LCS 2004/05/01-3B.69-007

Extracted: 05/01/2004

Analyzed: 05/01/2004 11:07

LCSD 2004/05/01-3B.69-025

Extracted: 05/01/2004

Analyzed: 05/01/2004 11:25

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.0515	0.0506	0.05	103.0	101.2	1.8	69-129	20		
Toluene	0.0539	0.0544	0.05	107.8	108.8	0.9	70-130	20		
Methyl tert-butyl ether (MTBE)	0.0457	0.0445	0.05	91.4	89.0	2.7	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	212	207	250	84.8	82.8		70-121			
Toluene-d8	253	248	250	101.2	99.2		81-117			

Gas/BTEXFuel Oxygenates by 8260B (High Level)

SECOR-Sacramento

Attr.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Legend and Notes

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

Severn Trent Laboratories, Inc.

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05/12/2004 13:46

Page 6 of 6

Fuel Oxygenates by 8260B

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Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-A	04/21/2004 14:10	Water	9
MW-B	04/21/2004 14:30	Water	10

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Fuel Oxygenates by 8260B

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-A	Lab ID: 2004-04-0654 - 9
Sampled: 04/21/2004 14:10	Extracted: 5/4/2004 02:53
Matrix: Water	QC Batch#: 2004/05/03-02.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	62	50	ug/L	1.00	05/04/2004 02:53	g
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	05/04/2004 02:53	
Methyl tert-butyl ether (MTBE)	23	0.50	ug/L	1.00	05/04/2004 02:53	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	05/04/2004 02:53	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	05/04/2004 02:53	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	05/04/2004 02:53	
1,2-DCA	ND	0.50	ug/L	1.00	05/04/2004 02:53	
EDB	ND	0.50	ug/L	1.00	05/04/2004 02:53	
Benzene	ND	0.50	ug/L	1.00	05/04/2004 02:53	
Toluene	ND	0.50	ug/L	1.00	05/04/2004 02:53	
Ethylbenzene	ND	0.50	ug/L	1.00	05/04/2004 02:53	
Total xylenes	ND	1.0	ug/L	1.00	05/04/2004 02:53	
Ethanol	ND	25	ug/L	1.00	05/04/2004 02:53	
Surrogate(s)						
1,2-Dichloroethane-d4	108.7	76-114	%	1.00	05/04/2004 02:53	
Toluene-d8	105.6	88-110	%	1.00	05/04/2004 02:53	

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Fuel Oxygenates by 8260B

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Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-B	Lab ID: 2004-04-0654 - 10
Sampled: 04/21/2004 14:30	Extracted: 4/30/2004 13:04
Matrix: Water	QC Batch#: 2004/04/30-01.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	55	50	ug/L	1.00	04/30/2004 13:04	g
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	04/30/2004 13:04	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/30/2004 13:04	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	04/30/2004 13:04	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	04/30/2004 13:04	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	04/30/2004 13:04	
1,2-DCA	ND	0.50	ug/L	1.00	04/30/2004 13:04	
EDB	ND	0.50	ug/L	1.00	04/30/2004 13:04	
Benzene	ND	0.50	ug/L	1.00	04/30/2004 13:04	
Toluene	ND	0.50	ug/L	1.00	04/30/2004 13:04	
Ethylbenzene	ND	0.50	ug/L	1.00	04/30/2004 13:04	
Total xylenes	ND	1.0	ug/L	1.00	04/30/2004 13:04	
Ethanol	ND	25	ug/L	1.00	04/30/2004 13:04	
Surrogate(s)						
1,2-Dichloroethane-d4	108.2	76-114	%	1.00	04/30/2004 13:04	
Toluene-d8	94.7	88-110	%	1.00	04/30/2004 13:04	

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Fuel Oxygenates by 8260B

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Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/04/30-01.62-031

Water

Test(s): 8260B

QC Batch # 2004/04/30-01.62

Date Extracted: 04/30/2004 09:31

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/30/2004 09:31	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	04/30/2004 09:31	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/30/2004 09:31	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	04/30/2004 09:31	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	04/30/2004 09:31	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	04/30/2004 09:31	
1,2-DCA	ND	0.5	ug/L	04/30/2004 09:31	
EDB	ND	0.5	ug/L	04/30/2004 09:31	
Benzene	ND	0.5	ug/L	04/30/2004 09:31	
Toluene	ND	0.5	ug/L	04/30/2004 09:31	
Ethylbenzene	ND	0.5	ug/L	04/30/2004 09:31	
Total xylenes	ND	1.0	ug/L	04/30/2004 09:31	
Ethanol	ND	25	ug/L	04/30/2004 09:31	
Surrogates(s)					
1,2-Dichloroethane-d4	97.2	76-114	%	04/30/2004 09:31	
Toluene-d8	103.4	88-110	%	04/30/2004 09:31	

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Fuel Oxygenates by 8260B

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Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/05/03-02.66-051

Water

Test(s): 8260B
QC Batch # 2004/05/03-02.66

Date Extracted: 05/03/2004 20:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	05/03/2004 20:51	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	05/03/2004 20:51	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	05/03/2004 20:51	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	05/03/2004 20:51	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	05/03/2004 20:51	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	05/03/2004 20:51	
1,2-DCA	ND	0.5	ug/L	05/03/2004 20:51	
EDB	ND	0.5	ug/L	05/03/2004 20:51	
Benzene	ND	0.5	ug/L	05/03/2004 20:51	
Toluene	ND	0.5	ug/L	05/03/2004 20:51	
Ethylbenzene	ND	0.5	ug/L	05/03/2004 20:51	
Total xylenes	ND	1.0	ug/L	05/03/2004 20:51	
Ethanol	ND	25	ug/L	05/03/2004 20:51	
Surrogates(s)					
1,2-Dichloroethane-d4	105.8	76-114	%	05/03/2004 20:51	
Toluene-d8	108.0	88-110	%	05/03/2004 20:51	

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Fuel Oxygenates by 8260B

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430
Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2004/04/30-01.62

LCS 2004/04/30-01.62-040

Extracted: 04/30/2004

Analyzed: 04/30/2004 10:40

LCSD 2004/04/30-01.62-006

Extracted: 04/30/2004

Analyzed: 04/30/2004 10:06

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	26.3	25.6	25.0	105.2	102.4	2.7	65-165	20		
Benzene	23.5	20.8	25.0	94.0	83.2	12.2	69-129	20		
Toluene	26.2	24.1	25.0	104.8	96.4	8.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	473	497	500	94.6	99.4		76-114			
Toluene-d8	464	470	500	92.8	94.0		88-110			

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Fuel Oxygenates by 8260B

SECOR-Sacramento

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2004/05/03-02.66

LCS 2004/05/03-02.66-003

Extracted: 05/03/2004

Analyzed: 05/03/2004 20:03

LCSD 2004/05/03-02.66-027

Extracted: 05/03/2004

Analyzed: 05/03/2004 20:27

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	25.6	25.1	25.0	102.4	100.4	2.0	65-165	20		
Benzene	26.5	26.9	25.0	106.0	107.6	1.5	69-129	20		
Toluene	25.8	27.3	25.0	103.2	109.2	5.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	517	492	500	103.4	98.4		76-114			
Toluene-d8	519	542	500	103.8	108.4		88-110			

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05/11/2004 16:56

Fuel Oxygenates by 8260B

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Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Legend and Notes

Result Flag

g

Hydrocarbon reported in the gasoline range does not match
our gasoline standard.

Gas/BTEX Fuel Oxygenates by 8260B

SECOR-Sacramento

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Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SB1-5'	04/21/2004 09:35	Soil	1
SB1-14'	04/21/2004 10:10	Soil	3
SB2-5'	04/21/2004 11:40	Soil	4
SB4-5'	04/21/2004 13:30	Soil	7
SB4-10'	04/21/2004 13:40	Soil	8
SB3-10'	04/21/2004 12:55	Soil	12

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05/12/2004 17:21

Gas/BTEX Fuel Oxygenates by 8260B

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Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: SB1-5'	Lab ID: 2004-04-0654 - 1
Sampled: 04/21/2004 09:35	Extracted: 4/30/2004 21:52
Matrix: Soil	QC Batch#: 2004/04/30-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	04/30/2004 21:52	
Benzene	ND	0.0050	mg/Kg	1.00	04/30/2004 21:52	
Toluene	ND	0.0050	mg/Kg	1.00	04/30/2004 21:52	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/30/2004 21:52	
Total xylenes	ND	0.0050	mg/Kg	1.00	04/30/2004 21:52	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	04/30/2004 21:52	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	04/30/2004 21:52	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	04/30/2004 21:52	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	04/30/2004 21:52	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	04/30/2004 21:52	
1,2-DCA	ND	0.0050	mg/Kg	1.00	04/30/2004 21:52	
EDB	ND	0.0050	mg/Kg	1.00	04/30/2004 21:52	
Ethanol	ND	0.1	mg/Kg	1.00	04/30/2004 21:52	
Surrogate(s)						
1,2-Dichloroethane-d4	87.8	70-121	%	1.00	04/30/2004 21:52	
Toluene-d8	97.8	81-117	%	1.00	04/30/2004 21:52	

Gas/BTEX Fuel Oxygenates by 8260B

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Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	SB1-14'	Lab ID:	2004-04-0654 - 3
Sampled:	04/21/2004 10:10	Extracted:	4/30/2004 22:10
Matrix:	Soil	QC Batch#:	2004/04/30-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	04/30/2004 22:10	
Benzene	ND	0.0050	mg/Kg	1.00	04/30/2004 22:10	
Toluene	ND	0.0050	mg/Kg	1.00	04/30/2004 22:10	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/30/2004 22:10	
Total xylenes	ND	0.0050	mg/Kg	1.00	04/30/2004 22:10	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	04/30/2004 22:10	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	04/30/2004 22:10	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	04/30/2004 22:10	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	04/30/2004 22:10	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	04/30/2004 22:10	
1,2-DCA	ND	0.0050	mg/Kg	1.00	04/30/2004 22:10	
EDB	ND	0.0050	mg/Kg	1.00	04/30/2004 22:10	
Ethanol	ND	0.1	mg/Kg	1.00	04/30/2004 22:10	
Surrogate(s)						
1,2-Dichloroethane-d4	88.5	70-121	%	1.00	04/30/2004 22:10	
Toluene-d8	99.7	81-117	%	1.00	04/30/2004 22:10	

Gas/BTEX Fuel Oxygenates by 8260B

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Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: SB2-5'	Lab ID: 2004-04-0654 - 4
Sampled: 04/21/2004 11:40	Extracted: 4/30/2004 22:28
Matrix: Soil	QC Batch#: 2004/04/30-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	04/30/2004 22:28	
Benzene	ND	0.0050	mg/Kg	1.00	04/30/2004 22:28	
Toluene	ND	0.0050	mg/Kg	1.00	04/30/2004 22:28	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/30/2004 22:28	
Total xylenes	ND	0.0050	mg/Kg	1.00	04/30/2004 22:28	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	04/30/2004 22:28	
Methyl tert-butyl ether (MTBE)	0.0066	0.0050	mg/Kg	1.00	04/30/2004 22:28	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	04/30/2004 22:28	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	04/30/2004 22:28	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	04/30/2004 22:28	
1,2-DCA	ND	0.0050	mg/Kg	1.00	04/30/2004 22:28	
EDB	ND	0.0050	mg/Kg	1.00	04/30/2004 22:28	
Ethanol	ND	0.1	mg/Kg	1.00	04/30/2004 22:28	
Surrogate(s)						
1,2-Dichloroethane-d4	92.5	70-121	%	1.00	04/30/2004 22:28	
Toluene-d8	98.7	81-117	%	1.00	04/30/2004 22:28	

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

05/12/2004 17:21

Gas/BTEX Fuel Oxygenates by 8260B

SECOR-Sacramento
Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 5030B Test(s): 8260FAB
Sample ID: **SB4-5** Lab ID: 2004-04-0654 - 7
Sampled: 04/21/2004 13:30 Extracted: 4/30/2004 23:22
Matrix: Soil QC Batch#: 2004/04/30-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	04/30/2004 23:22	
Benzene	ND	0.0050	mg/Kg	1.00	04/30/2004 23:22	
Toluene	ND	0.0050	mg/Kg	1.00	04/30/2004 23:22	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/30/2004 23:22	
Total xylenes	ND	0.0050	mg/Kg	1.00	04/30/2004 23:22	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	04/30/2004 23:22	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	04/30/2004 23:22	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	04/30/2004 23:22	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	04/30/2004 23:22	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	04/30/2004 23:22	
1,2-DCA	ND	0.0050	mg/Kg	1.00	04/30/2004 23:22	
EDB	ND	0.0050	mg/Kg	1.00	04/30/2004 23:22	
Ethanol	ND	0.1	mg/Kg	1.00	04/30/2004 23:22	
Surrogate(s)						
1,2-Dichloroethane-d4	88.0	70-121	%	1.00	04/30/2004 23:22	
Toluene-d8	100.8	81-117	%	1.00	04/30/2004 23:22	

Gas/BTEX Fuel Oxygenates by 8260B

SECOR-Sacramento

Attn.: Paula Sime

 3017 Kilgore Road, Suite 100
 Rancho Cordova, CA 95670
 Phone: (916) 861-0400 Fax: (916) 861-0430

 Project: 77CP.60124
 76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	SB4-10	Lab ID:	2004-04-0654 - 8
Sampled:	04/21/2004 13:40	Extracted:	4/30/2004 23:40
Matrix:	Soil	QC Batch#:	2004/04/30-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1.4	1.0	mg/Kg	1.00	04/30/2004 23:40	
Benzene	0.011	0.0050	mg/Kg	1.00	04/30/2004 23:40	
Toluene	ND	0.0050	mg/Kg	1.00	04/30/2004 23:40	
Ethyl benzene	0.0055	0.0050	mg/Kg	1.00	04/30/2004 23:40	
Total xylenes	0.011	0.0050	mg/Kg	1.00	04/30/2004 23:40	
tert-Butyl alcohol (TBA)	0.079	0.010	mg/Kg	1.00	04/30/2004 23:40	
Methyl tert-butyl ether (MTBE)	0.034	0.0050	mg/Kg	1.00	04/30/2004 23:40	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	04/30/2004 23:40	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	04/30/2004 23:40	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	04/30/2004 23:40	
1,2-DCA	ND	0.0050	mg/Kg	1.00	04/30/2004 23:40	
EDB	ND	0.0050	mg/Kg	1.00	04/30/2004 23:40	
Ethanol	ND	0.1	mg/Kg	1.00	04/30/2004 23:40	
Surrogate(s)						
1,2-Dichloroethane-d4	84.6	70-121	%	1.00	04/30/2004 23:40	
Toluene-d8	96.8	81-117	%	1.00	04/30/2004 23:40	

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05/12/2004 17:21

Gas/BTEX Fuel Oxygenates by 8260B

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Prep(s): 5030B	Test(s): 8260FAB
Sample ID: SB3-10'	Lab ID: 2004-04-0654 - 12
Sampled: 04/21/2004 12:55	Extracted: 4/30/2004 23:58
Matrix: Soil	QC Batch#: 2004/04/30-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	04/30/2004 23:58	
Benzene	ND	0.0050	mg/Kg	1.00	04/30/2004 23:58	
Toluene	ND	0.0050	mg/Kg	1.00	04/30/2004 23:58	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	04/30/2004 23:58	
Total xylenes	ND	0.0050	mg/Kg	1.00	04/30/2004 23:58	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	1.00	04/30/2004 23:58	
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/Kg	1.00	04/30/2004 23:58	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	1.00	04/30/2004 23:58	
Ethyl tert-butyl ether (ETBE)	ND	0.0050	mg/Kg	1.00	04/30/2004 23:58	
tert-Amyl methyl ether (TAME)	ND	0.0050	mg/Kg	1.00	04/30/2004 23:58	
1,2-DCA	ND	0.0050	mg/Kg	1.00	04/30/2004 23:58	
EDB	ND	0.0050	mg/Kg	1.00	04/30/2004 23:58	
Ethanol	ND	0.1	mg/Kg	1.00	04/30/2004 23:58	
Surrogate(s)						
1,2-Dichloroethane-d4	88.8	70-121	%	1.00	04/30/2004 23:58	
Toluene-d8	97.4	81-117	%	1.00	04/30/2004 23:58	

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Gas/BTEX Fuel Oxygenates by 8260B

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/04/30-2A.69-041

Soil

Test(s): 8260FAB

QC Batch # 2004/04/30-2A.69

Date Extracted: 04/30/2004 18:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.000	mg/Kg	04/30/2004 18:41	
tert-Butyl alcohol (TBA)	ND	0.010	mg/Kg	04/30/2004 18:41	
Methyl tert-butyl ether (MTBE)	ND	0.005	mg/Kg	04/30/2004 18:41	
Di-isopropyl Ether (DIPE)	ND	0.010	mg/Kg	04/30/2004 18:41	
Ethyl tert-butyl ether (ETBE)	ND	0.005	mg/Kg	04/30/2004 18:41	
tert-Amyl methyl ether (TAME)	ND	0.005	mg/Kg	04/30/2004 18:41	
1,2-DCA	ND	0.005	mg/Kg	04/30/2004 18:41	
EDB	ND	0.005	mg/Kg	04/30/2004 18:41	
Benzene	ND	0.005	mg/Kg	04/30/2004 18:41	
Toluene	ND	0.005	mg/Kg	04/30/2004 18:41	
Ethyl benzene	ND	0.005	mg/Kg	04/30/2004 18:41	
Total xylenes	ND	0.005	mg/Kg	04/30/2004 18:41	
Ethanol	ND	0.100	mg/Kg	04/30/2004 18:41	
Surrogates(s)					
1,2-Dichloroethane-d4	89.8	70-121	%	04/30/2004 18:41	
Toluene-d8	98.6	81-117	%	04/30/2004 18:41	

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05/12/2004 17:21

Gas/BTEX Fuel Oxygenates by 8260B

SECOR-Sacramento

Attn.: Paula Sime

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
Phone: (916) 861-0400 Fax: (916) 861-0430

Project: 77CP.60124
76 Station # 11124

Received: 04/21/2004 16:25

Site: 3315 High St., Oakland, CA

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike

Soil

QC Batch # 2004/04/30-2A.69

LCS 2004/04/30-2A.69-005

Extracted: 04/30/2004

Analyzed: 04/30/2004 18:05

LCSD 2004/04/30-2A.69-023

Extracted: 04/30/2004

Analyzed: 04/30/2004 18:23

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	0.0484	0.0488	0.05	96.8	97.6	0.8	65-165	20		
Benzene	0.0541	0.0512	0.05	108.2	102.4	5.5	69-129	20		
Toluene	0.0578	0.0565	0.05	115.6	113.0	2.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	405	411	500	81.0	82.2		70-121			
Toluene-d8	512	492	500	102.4	98.4		81-117			

Severn Trent Laboratories, Inc.

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05/12/2004 17:21

STL San Francisco

Sample Receipt Checklist

Submission #: 2004-04-0654

Checklist completed by: (Initials) JK Date: 04/22/04

Courier name: STL San Francisco Client

Custody-seals Intact on shipping container/samples Yes ___ No ___ Not Present

Chain of custody present? Yes No ___

Chain of custody signed when relinquished and received? Yes No ___

Chain of custody agrees with sample labels? Yes ___ No

Samples in proper container/bottle? Yes No ___

Sample containers intact? Yes No ___

Sufficient sample volume for indicated test? Yes ___ No ___

All samples received within holding time? Yes No ___

Container/Temp: Blank temperature in compliance (4° C ± 2)? Temp 5.0°C Yes No ___

Ice Present Yes No ___

Water - VOA vials have zero headspace? No VOA vials submitted ___ Yes No ___

(if bubble is present, refer to approximate bubble size and itemize in comments as S (small - O), M (medium - O) or L (large - O))

Water - pH acceptable upon receipt? Yes No

pH adjusted- Preservative used: HNO3 HCl H2SO4 NaOH ZnOAc - Lot #(s) _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: Sample ID: 04m Container: SB3-16 @ 1235 @ 4/21/04, has been labeled as SB3-5 @ 1235.

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: ___/___/04

Client contacted: Yes No

Summary of discussion: _____

Corrective Action (per PM/Client): _____

2004.04.0654

85025

Chain-of Custody Number:

SECOR Chain-of Custody Record

Field Office: Sacto - 916.861.0400
 Address: 3017 Kilgore Rd. Ste 100
Rancho Cordova CA 95670

Additional documents are attached, and are a part of this Record.
 Job Name: 76 Station # 1124
 Location: 3315 High St.
Oakland CA

Project # 77CP.00124 Task # _____
 Project Manager: Paula Simas
 Laboratory: STL
 Turnaround Time: std

Analysis Request

Sampler's Name: Bob Robitaille
 Sampler's Signature: _____

Sample ID	Date	Time	Matrix
SBI-5'	21 April	0935	Soil
SBI-10'		0950	
SBI-14'		1010	
SB2-5'		1140	
SB2-10'		1150	
SB3-5'		1235	
SB3-8'		1245	
SB3-10'		1255	
SB4-5'		1330	
SB4-10'		1340	

HOID	TPH/g/TEX/WTPH-G 8015 (modified) 8020	TPH/WTPH-D 8015 (modified)	TPH 418: 1/WTPH 418.1	Aromatic Volatiles 602/8020	Volatile Organics 824/8240 (GC/MS)	Highly Volatile 601/8010	Semi-volatile Organics 625/6270 (GC/MS)	Pesticides/PCBs 608/8080	Total Lead 6001 EPA 6010	Priority Pollutant Metals (13)	TCLP Metals	TPH + Organics EPA 8210 Single Run Oil & Grease EPA 418.1	Comments/ Instructions	Number of Containers
												X		1
													Hold	1
												X		1
												X		1
												X		1
												X	Hold	1
												X		1
									X			X		1
									X			X		1

Special Instructions/Comments:

 5.0°C

Relinquished by: _____
 Sign: _____
 Print: Bob Robitaille
 Company: SECOR
 Time: 1625 Date: 21 April

Relinquished by: _____
 Sign: _____
 Print: _____
 Company: _____
 Time: _____ Date: _____

Received by: _____
 Sign: _____
 Print: _____
 Company: _____
 Time: _____ Date: _____

Received by: _____
 Sign: Noupat
 Print: Noupat
 Company: STL-ST
 Time: 1625 Date: 4/21/04

Sample Receipt

Total no. of containers: _____
 Chain of custody seals: _____
 Rec'd in good condition/cold: _____
 Conforms to record: _____

Client: _____
 Client Contact: _____
 Client Phone: _____

2004-04-0654

85025

SECOR Chain-of Custody Record

Field Office: Sacto - (916) 861-0400
 Address: 3017 Kilgore Rd. Ste 100
Rancho Cordova CA 95670

Additional documents are attached, and are a part of this Record.
 Job Name: 76 Station #1124
 Location: 3315 High St.
Oakland CA

Project # 77CP.60124 Task # _____
 Project Manager Paula Sime
 Laboratory STL
 Turnaround Time Std.

Analysis Request

Sampler's Name Bob Robitaille
 Sampler's Signature [Signature]

Sample ID	Date	Time	Matrix	HCID	TPH/815 (modified)	TPH/815 (modified)	TPH 418.1	Aromatic Volatiles	Volatile Organics	Halogenated Volatiles	Semi-volatile Organics	Pesticides/PCBs	Lead Dissolved	Priority Pollutant	TCLP Metals	TPH + Oxy acids	Oil/Grease	Comments/Instructions	Number of Containers
MW-A	21 April	1410	Water													X			4
MW-B	↓	1430	↓										X			X	X		8

Special Instructions/Comments:
* Filter and Preserve
MW-B for Pb analysis.
Within 24 hrs.

Relinquished by: _____
 Sign: _____
 Print: _____
 Company SECOR
 Time 1625 Date 21 April 04

Received by: _____
 Sign: _____
 Print: _____
 Company _____
 Time _____ Date _____

Relinquished by: _____
 Sign: _____
 Print: _____
 Company _____
 Time _____ Date _____

Sample Receipt

Total no. of containers: _____
 Chain of custody seals: _____
 Rec'd in good condition/cold: _____
 Conforms to record: _____

Client: _____
 Client Contact: _____
 Client Phone: _____