

THE SAN JOAQUIN COMPANY INC.  
1120 HOLLYWOOD AVENUE, SUITE 3, OAKLAND, CALIFORNIA 94602

## ENVIRONMENTAL SITE CHARACTERIZATION

Oak Walk Redevelopment Site  
Emeryville, California

*for*



VOLUME 5 of 6  
Appendix III-D

April 2005

Project No.: 0004.083

**APPENDIX III-D**

**LABORATORY CERTIFICATES OF ANALYSIS  
SOIL FROM BORINGS AND MONITORING WELLS  
(PART 3)**

**SEVERN  
TRENT**

**STL**

May 13, 2004

SAN JOAQUIN COMPANY  
Attn: Dai Watkins  
1120 Hollywood Avenue, Suite 3  
Oakland, Ca. 94602-1459

Dear Dai,

Enclosed are the hard copy subcontract report(s) for STL San Francisco submission number 2004-04-0263, Project name 0004.082 Bay Rock-Oak Walk Emeryville. You were mailed fax copies with our original data package because the subcontract copies were not yet available.

**These are for your records only.**

We apologize for any inconvenience.

If you have any questions or need more information, please do not hesitate to give me a call.

Sincerely,

Tina Totorica  
Administrative Assistant

Enclosures

**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](http://www.stl-inc.com)

**STL Los Angeles**  
1721 South Grand Avenue  
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921  
www.stl-inc.com

April 30, 2004

STL LOT NUMBER: **E4D130301**

Vincent Vancil  
STL San Francisco  
1220 Quarry Lane  
Pleasanton, CA 94566

Dear Mr. Vancil,

This report contains the analytical results for the 10 samples received under chain of custody by STL Los Angeles on April 13, 2004. These samples are associated with your Bay Rock Oak-Walk Emeryville project.

The preliminary results were sent via facsimile on April 19, 2004.

STL Los Angeles certifies that the test results provided in this report meet all the requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of the report. NELAP Certification Number is 01118CA / E87652.

This report shall not be reproduced except in full, without the written approval of the laboratory.

This report contains 000046 pages.

STL Los Angeles  
1721 South Grand Avenue  
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921  
www.stl-inc.com

**CASE NARRATIVE**

All applicable quality control procedures met method-specified acceptance criteria. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. Any matrix related anomalies are footnoted within the report.

If you have any questions, please feel free to call me at (714) 258-8610.

Sincerely,

  
Jesse Bacwaden  
Project Manager

CC: Project File

E4D130301



STL

Chain of Custody

Date Shipped: 4/12/2004

2004-04-0263 - 1

From: STL San Francisco (CL) 1220 Quarry Lane Pleasanton, CA 94566-4756

To: STL Los Angeles - Sub contract 1721 South Grand Avenue Santa Ana, CA 92705

Project Manager: Vincent Vancil Phone: (925) 484-1919 Fax: (925) 484-1096 Email: vvancil@stl-inc.com

Phone: (714) 258-8610 Ext: Fax: (714) 258-0921 Contact: Sample Control Phone: (714) 258-8610 Ext:

CL Submission #: 2004-04-0263 CL PO #:

Project #: 0004.082 Project Name: Bay Rock- Oak Walk Emeryville

Table with columns: Client Sample ID, Analysis, CL#, Sampled, Matrix Method, TAT. Contains 9 rows of sample data.

RELINQUISHED BY: 1. Signature, Time 1515, Printed Name, Date 4/12/04, Company STL-SF

RELINQUISHED BY: 2. Signature, Time, Printed Name, Date, Company

RELINQUISHED BY: 3. Signature, Time, Printed Name, Date, Company

RECEIVED BY: 1. Signature, Time 0945, Printed Name K FREITAS, Date 4/13/04, Company

RECEIVED BY: 2. Signature, Time, Printed Name, Date, Company

RECEIVED BY: 3. Signature, Time, Printed Name, Date, Company

000003

E4D130301



STL

Chain of Custody

Date Shipped: 4/12/2004

2004-04-0263 - 1

From: STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

To: STL Los Angeles - Sub contract
1721 South Grand Avenue
Santa Ana, CA 92705

Project Manager: Vincent Vancil
Phone: (925) 484-1919
Fax: (925) 484-1096
Email: vvancil@stf-inc.com

Phone: (714) 258-8610
Fax: (714) 258-0921
Contact: Sample Control
Phone: (714) 258-8610

CL Submission #: 2004-04-0263
CL PO #:

Project #: 0004.082
Project Name: Bay Rock- Oak Walk Emeryville

Table with 5 columns: Client Sample ID, Analysis, CL#, Sampled, Matrix, Method, TAT. Row 1: MW-2-20, Subcontract - 8260 Volatile Organics by GC/MS., 10, 4/7/2004 5:10:00PM, Soil, 8260, 5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1. Signature: [Handwritten], Time: 1515, Printed Name: Justford, Date: 4/12/04, Company: STL-SF

RELINQUISHED BY: 2. Signature: \_\_\_\_\_, Time: \_\_\_\_\_, Printed Name: \_\_\_\_\_, Date: \_\_\_\_\_, Company: \_\_\_\_\_

RELINQUISHED BY: 3. Signature: \_\_\_\_\_, Time: \_\_\_\_\_, Printed Name: \_\_\_\_\_, Date: \_\_\_\_\_, Company: \_\_\_\_\_

RECEIVED BY: 1. Signature: [Handwritten], Time: 0945, Printed Name: K. FRETAG, Date: 4/13/04, Company: STL LA

RECEIVED BY: 2. Signature: \_\_\_\_\_, Time: \_\_\_\_\_, Printed Name: \_\_\_\_\_, Date: \_\_\_\_\_, Company: \_\_\_\_\_

RECEIVED BY: 3. Signature: \_\_\_\_\_, Time: \_\_\_\_\_, Printed Name: \_\_\_\_\_, Date: \_\_\_\_\_, Company: \_\_\_\_\_

000004





**STL LOS ANGELES - PROJECT RECEIPT CHECKLIST** Date: 4-13-04

LIMS Lot #: E4D130301

Quote #: 58034

Client Name: STL SF.

Project: \_\_\_\_\_

Received by: K FREITAG

Date/Time Received: 4-13-04 0945

Delivered by:  Client  STL  Airborne  Fed Ex  UPS  Other \_\_\_\_\_

Initial / Date

Custody Seal Status Cooler:  Intact  Broken  None ..... 9/13

Custody Seal Status Samples:  Intact  Broken  None ..... \_\_\_\_\_

Custody Seal #(s): 527649  No Seal # ..... \_\_\_\_\_

Sampler Signature on COC  Yes  No  N/A ..... \_\_\_\_\_

IR Gun # A Correction Factor 0 °C IR passed daily verification  Yes  No ..... \_\_\_\_\_

Temperature - BLANK \_\_\_\_\_ °C +/- 0 CF = \_\_\_\_\_ °C

Temperature - COOLER (4.8 °C 5.2 °C 6.4 °C 5.9 °C) = 5.8 avg °C +/- 0 CF = 5.8 °C

Samples outside temperature criteria but received within 6 hours of final sampling  Yes  N/A

Sample Container(s):  STL-LA  Client ..... \_\_\_\_\_

One COC/Multiple coolers:  Yes - # coolers \_\_\_\_\_ All within temp criteria  Yes  No  N/A

One or more coolers with an anomaly:  Yes - (fill out PRC for each)  N/A

Samples:  Intact  Broken  Other ..... \_\_\_\_\_

pH measured:  Yes  Anomaly (if checked, notify lab and file NCM)  N/A

Anomalies:  No  Yes - complete CUR and Create NCM NCM # \_\_\_\_\_ 7/8 4/13/04

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times.  Yes  N/A

Labeled by: TR Labeling checked ua ..... \_\_\_\_\_

Turn Around Time:  RUSH-24HR  RUSH-48HR  RUSH-72HR  NORMAL ..... 9/13

Short-Hold Notification:  pH  Wet Chem  Metals (Filter/Pres)  Encore  >1.2 HT expired

Outside Analysis(es) (Test/Lab/Date Sent Out): \_\_\_\_\_

\*\*\*\*\* LEAVE NO BLANK SPACES . USE N/A \*\*\*\*\*

Headspace Anomaly							
Lab ID	Container(s) #	Headspace		Lab ID	Container(s) #	Headspace	
		<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm			<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm
		<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm			<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm
		<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm			<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm
		<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm			<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm
		<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm			<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm
		<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm			<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm
		<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm			<input type="checkbox"/> > 5mm	<input type="checkbox"/> < 5mm

Fraction	170													
VOAH/ *														
<u>7 (CGB) 1</u>														

\* VOA with headspace/bubbles  
 H: HCL, S: H2SO4, N: HNO3, V: VOA, SL: Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore  
 AGB: Amber Glass Bottle, n/f:l:HNO3-Lab filtered, n/f:HNO3-Field filtered, zma: Zinc Acetate/Sodium Hydroxide, Na2s2o3: sodium thiosulfate

Condition Upon Receipt Anomaly Form		* N/A 12-13-04
<ul style="list-style-type: none"> <li>• COOLERS                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Not Received (received COC only)</li> <li><input type="checkbox"/> Leaking</li> <li><input type="checkbox"/> Other:</li> </ul> </li> <li>• TEMPERATURE (SPECS <math>4 \pm 2^{\circ}\text{C}</math>)                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Cooler Temp(s)</li> <li><input type="checkbox"/> Temperature Blank(s)</li> </ul> </li> <li>• CONTAINERS                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Leaking</li> <li><input type="checkbox"/> Broken</li> <li><input type="checkbox"/> Extra</li> <li><input type="checkbox"/> Without Labels</li> <li><input type="checkbox"/> Other:</li> </ul> </li> <li>• SAMPLES                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Samples NOT RECEIVED but listed on COC</li> <li><input type="checkbox"/> Samples received but NOT LISTED on COC</li> <li><input type="checkbox"/> Logged based on Label Information</li> <li><input type="checkbox"/> Logged based on info from other samples on COC</li> <li><input type="checkbox"/> Logged according to Work Plan</li> <li><input type="checkbox"/> Logged on HOLD UNTIL FURTHER NOTICE</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• CUSTODY SEALS (COOLER(S) CONTAINER(S))                             <ul style="list-style-type: none"> <li><input type="checkbox"/> None</li> <li><input type="checkbox"/> Not Intact</li> <li><input type="checkbox"/> Other</li> </ul> </li> <li>• CHAIN OF CUSTODY (COC)                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Not relinquished by Client; No date/time relinquished</li> <li><input type="checkbox"/> Incomplete information provided</li> <li><input type="checkbox"/> Other <input type="checkbox"/> COC not received - notify PM</li> </ul> </li> <li>• LABELS                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Not the same ID/info as in COC</li> <li><input type="checkbox"/> Incomplete Information</li> <li><input type="checkbox"/> Markings/Info illegible</li> <li><input type="checkbox"/> Torn</li> </ul> </li> <li> <ul style="list-style-type: none"> <li><input type="checkbox"/> Will be noted on COC--Client to send samples with new COC</li> <li><input type="checkbox"/> Mislabeled as to tests, preservatives, etc.</li> <li><input type="checkbox"/> Holding time expired - list sample ID and test</li> <li><input type="checkbox"/> Improper container used</li> <li><input type="checkbox"/> Not preserved/Improper preservative used</li> <li><input type="checkbox"/> Improper pH _____ Lab to preserve sample and document</li> <li><input type="checkbox"/> Insufficient quantities for analysis</li> <li><input type="checkbox"/> Other</li> </ul> </li> </ul>	
Comments: <hr/> <hr/> <hr/> <hr/>		
- Corrective Action Implemented: _____ - Client informed: verbally on _____ By: _____ In writing on _____ By: _____ - Sample(s) on hold until: _____ - Sample(s) processed "as is."		
Logged by/Date: <u>[Signature]</u> 11-13-04	Log Review/Date: <u>[Signature]</u> 11/13/04	PM Review/Date: <u>[Signature]</u> 11/14/04

SEVERN  
TRENT

STL

# Analytical Report

**ANALYTICAL REPORT**

PROJECT NO. 0004.082

Bay Rock Oak-Walk Emeryville

Lot #: E4D130301

Vincent Vancil

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

Jesse Bacwaden  
Project Manager

April 30, 2004

## EXECUTIVE SUMMARY - Detection Highlights

E4D130301

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
<b>MW-2-5 04/07/04 16:45 007</b>				
n-Butylbenzene	2900	500	ug/kg	SW846 8260B
Ethylbenzene	7700	500	ug/kg	SW846 8260B
Isopropylbenzene	980	500	ug/kg	SW846 8260B
Naphthalene	7200	500	ug/kg	SW846 8260B
n-Propylbenzene	4400	500	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	27000	500	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	9800	500	ug/kg	SW846 8260B
Xylenes (total)	38000	500	ug/kg	SW846 8260B
<b>MW-2-10 04/07/04 16:55 008</b>				
n-Butylbenzene	2100	500	ug/kg	SW846 8260B
Ethylbenzene	7200	500	ug/kg	SW846 8260B
Isopropylbenzene	770	500	ug/kg	SW846 8260B
Naphthalene	5000	500	ug/kg	SW846 8260B
n-Propylbenzene	3400	500	ug/kg	SW846 8260B
Toluene	1200	500	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	21000	500	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	7400	500	ug/kg	SW846 8260B
Xylenes (total)	39000	500	ug/kg	SW846 8260B
<b>MW-2-15 04/07/04 17:00 009</b>				
Acetone	40	25	ug/kg	SW846 8260B
Benzene	5.8	5.0	ug/kg	SW846 8260B
Ethylbenzene	7.4	5.0	ug/kg	SW846 8260B
Naphthalene	8.5	5.0	ug/kg	SW846 8260B
Xylenes (total)	8.2	5.0	ug/kg	SW846 8260B
<b>MW-2-20 04/07/04 17:10 010</b>				
Benzene	8.7	5.0	ug/kg	SW846 8260B
Ethylbenzene	6.3	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	120	5.0	ug/kg	SW846 8260B
Toluene	6.2	5.0	ug/kg	SW846 8260B
Xylenes (total)	37	5.0	ug/kg	SW846 8260B

# METHODS SUMMARY

R4D130301

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

## References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

# SAMPLE SUMMARY

E4D130301

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED DATE</u>	<u>SAMP TIME</u>
GD32F	001	MW-8-5	04/07/04	08:20
GD32H	002	MW-8-10	04/07/04	08:35
GD32J	003	MW-6-5	04/07/04	11:20
GD32L	004	MW-6-10	04/07/04	11:30
GD32M	005	MW-3-14	04/07/04	14:05
GD32N	006	MW-3-20	04/07/04	14:20
GD32R	007	MW-2-5	04/07/04	16:45
GD32V	008	MW-2-10	04/07/04	16:55
GD32W	009	MW-2-15	04/07/04	17:00
GD32X	010	MW-2-20	04/07/04	17:10

## NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL SAN FRANCISCO

Client Sample ID: MW-8-5

GC/MS Volatiles

Lot-Sample #....: E4D130301-001    Work Order #....: GD32F1AA    Matrix.....: SO  
 Date Sampled....: 04/07/04 08:20    Date Received...: 04/13/04 06:45    MS Run #.....: 4110184  
 Prep Date.....: 04/16/04    Analysis Date...: 04/16/04  
 Prep Batch #....: 4110378    Analysis Time...: 13:14  
 Dilution Factor: 1  
 % Moisture.....:    Analyst ID.....: 999998    Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

(Continued on next page)



STL SAN FRANCISCO

Client Sample ID: MW-8-5

GC/MS Volatiles

Lot-Sample #...: E4D130301-001 Work Order #...: GD32F1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	78	(60 - 130)
1,2-Dichloroethane-d4	75	(60 - 140)
Toluene-d8	86	(70 - 130)

STL SAN FRANCISCO

Client Sample ID: MW-8-10

GC/MS Volatiles

Lot-Sample #....: E4D130301-002    Work Order #....: GD32H1AA    Matrix.....: SO  
 Date Sampled....: 04/07/04 08:35    Date Received...: 04/13/04 06:45    MS Run #.....: 4110184  
 Prep Date.....: 04/16/04    Analysis Date...: 04/16/04  
 Prep Batch #....: 4110378    Analysis Time...: 13:35  
 Dilution Factor: 1  
 \* Moisture.....:    Analyst ID.....: 999998    Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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Client Sample ID: MW-8-10

GC/MS Volatiles

Lot-Sample #...: E4D130301-002 Work Order #...: GD32H1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	78	(60 - 130)
1,2-Dichloroethane-d4	75	(60 - 140)
Toluene-d8	85	(70 - 130)

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Client Sample ID: MW-6-5

GC/MS Volatiles

Lot-Sample #....: E4D130301-003 Work Order #....: GD32J1AA Matrix.....: SO  
 Date Sampled....: 04/07/04 11:20 Date Received...: 04/13/04 06:45 MS Run #.....: 4110184  
 Prep Date.....: 04/16/04 Analysis Date...: 04/16/04  
 Prep Batch #....: 4110378 Analysis Time...: 16:04  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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Client Sample ID: MW-6-5

GC/MS Volatiles

Lot-Sample #...: E4D130301-003 Work Order #...: GD32J1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	78	(60 - 130)
1,2-Dichloroethane-d4	74	(60 - 140)
Toluene-d8	83	(70 - 130)

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Client Sample ID: MW-6-10

GC/MS Volatiles

Lot-Sample #....: E4D130301-004 Work Order #....: GD32L1AA Matrix.....: SO  
 Date Sampled....: 04/07/04 11:30 Date Received...: 04/13/04 06:45 MS Run #.....: 4110184  
 Prep Date.....: 04/16/04 Analysis Date...: 04/16/04  
 Prep Batch #....: 4110378 Analysis Time...: 14:17  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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Client Sample ID: MW-6-10

GC/MS Volatiles

Lot-Sample #...: E4D130301-004 Work Order #...: GD32L1AA Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	76	(60 - 130)
1,2-Dichloroethane-d4	74	(60 - 140)
Toluene-d8	85	(70 - 130)

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Client Sample ID: MW-3-14

GC/MS Volatiles

Lot-Sample #....: E4D130301-005    Work Order #....: GD32M1AA    Matrix.....: SO  
 Date Sampled....: 04/07/04 14:05    Date Received...: 04/13/04 06:45    MS Run #.....: 4110184  
 Prep Date.....: 04/16/04    Analysis Date...: 04/16/04  
 Prep Batch #....: 4110378    Analysis Time...: 14:38  
 Dilution Factor: 1  
 % Moisture.....:    Analyst ID.....: 999998    Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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Client Sample ID: MW-3-14

GC/MS Volatiles

Lot-Sample #....: E4D130301-005 Work Order #....: GD32M1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	77	(60 - 130)
1,2-Dichloroethane-d4	76	(60 - 140)
Toluene-d8	86	(70 - 130)

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Client Sample ID: MW-3-20

GC/MS Volatiles

Lot-Sample #....: E4D130301-006    Work Order #....: GD32N1AA    Matrix.....: SO  
 Date Sampled....: 04/07/04 14:20    Date Received...: 04/13/04 06:45    MS Run #.....: 4110184  
 Prep Date.....: 04/16/04    Analysis Date...: 04/16/04  
 Prep Batch #....: 4110378    Analysis Time...: 14:59  
 Dilution Factor: 1  
 % Moisture.....:    Analyst ID.....: 999998    Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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Client Sample ID: MW-3-20

GC/MS Volatiles

Lot-Sample #...: E4D130301-006 Work Order #...: GD32N1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	76	(60 - 130)
1,2-Dichloroethane-d4	73	(60 - 140)
Toluene-d8	84	(70 - 130)

STL SAN FRANCISCO

Client Sample ID: MW-2-10

GC/MS Volatiles

Lot-Sample #....: E4D130301-008 Work Order #....: GD32V1AA Matrix.....: SO  
 Date Sampled....: 04/07/04 16:55 Date Received...: 04/13/04 06:45 MS Run #.....: 4107255  
 Prep Date.....: 04/14/04 Analysis Date...: 04/15/04  
 Prep Batch #....: 4107547 Analysis Time...: 14:32  
 Dilution Factor: 2  
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	2500	ug/kg	800
Benzene	ND	500	ug/kg	200
Bromobenzene	ND	500	ug/kg	140
Bromochloromethane	ND	500	ug/kg	220
Bromoform	ND	500	ug/kg	200
Bromomethane	ND	1000	ug/kg	500
2-Butanone	ND	2500	ug/kg	1400
n-Butylbenzene	2100	500	ug/kg	140
sec-Butylbenzene	ND	500	ug/kg	140
tert-Butylbenzene	ND	500	ug/kg	140
Carbon disulfide	ND	500	ug/kg	240
Carbon tetrachloride	ND	500	ug/kg	200
Chlorobenzene	ND	500	ug/kg	200
Dibromochloromethane	ND	500	ug/kg	220
Bromodichloromethane	ND	500	ug/kg	200
Chloroethane	ND	1000	ug/kg	500
Chloroform	ND	500	ug/kg	140
Chloromethane	ND	1000	ug/kg	400
2-Chlorotoluene	ND	500	ug/kg	140
4-Chlorotoluene	ND	500	ug/kg	140
1,2-Dibromo-3-chloro- propane	ND	1000	ug/kg	300
1,2-Dibromoethane (EDB)	ND	500	ug/kg	140
Dibromomethane	ND	500	ug/kg	220
1,2-Dichlorobenzene	ND	500	ug/kg	200
1,3-Dichlorobenzene	ND	500	ug/kg	140
1,4-Dichlorobenzene	ND	500	ug/kg	200
Dichlorodifluoromethane	ND	1000	ug/kg	340
1,1-Dichloroethane	ND	500	ug/kg	200
1,2-Dichloroethane	ND	500	ug/kg	140
1,1-Dichloroethene	ND	500	ug/kg	240
cis-1,2-Dichloroethene	ND	500	ug/kg	240
trans-1,2-Dichloroethene	ND	500	ug/kg	240
1,2-Dichloropropane	ND	500	ug/kg	200
1,3-Dichloropropane	ND	500	ug/kg	300
2,2-Dichloropropane	ND	500	ug/kg	200
1,1-Dichloropropene	ND	500	ug/kg	200

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Client Sample ID: MW-2-10

GC/MS Volatiles

Lot-Sample #....: E4D130301-008 Work Order #....: GD32V1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	500	ug/kg	200
trans-1,3-Dichloropropene	ND	500	ug/kg	140
Ethylbenzene	7200	500	ug/kg	140
Hexachlorobutadiene	ND	500	ug/kg	140
2-Hexanone	ND	2500	ug/kg	700
Isopropylbenzene	770	500	ug/kg	240
p-Isopropyltoluene	ND	500	ug/kg	140
Methylene chloride	ND	500	ug/kg	100
4-Methyl-2-pentanone	ND	2500	ug/kg	800
Methyl tert-butyl ether	ND	500	ug/kg	200
Naphthalene	5000	500	ug/kg	200
n-Propylbenzene	3400	500	ug/kg	220
Styrene	ND	1000	ug/kg	200
1,1,1,2-Tetrachloroethane	ND	500	ug/kg	120
1,1,2,2-Tetrachloroethane	ND	500	ug/kg	200
Tetrachloroethene	ND	500	ug/kg	160
Toluene	1200	500	ug/kg	120
1,2,3-Trichlorobenzene	ND	500	ug/kg	140
1,2,4-Trichloro- benzene	ND	500	ug/kg	140
1,1,1-Trichloroethane	ND	500	ug/kg	360
1,1,2-Trichloroethane	ND	500	ug/kg	200
Trichloroethene	ND	500	ug/kg	140
Trichlorofluoromethane	ND	1000	ug/kg	140
1,2,3-Trichloropropane	ND	500	ug/kg	220
1,1,2-Trichlorotrifluoro- ethane	ND	500	ug/kg	200
1,2,4-Trimethylbenzene	21000	500	ug/kg	140
1,3,5-Trimethylbenzene	7400	500	ug/kg	240
Vinyl chloride	ND	1000	ug/kg	300
Xylenes (total)	39000	500	ug/kg	360
Vinyl acetate	ND	1000	ug/kg	760
2-Chloroethyl vinyl ether	ND	1000	ug/kg	700

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(55 - 140)
1,2-Dichloroethane-d4	89	(55 - 140)
Toluene-d8	92	(55 - 140)

STL SAN FRANCISCO

Client Sample ID: MW-2-15

GC/MS Volatiles

Lot-Sample #...: E4D130301-009 Work Order #...: GD32W1AA Matrix.....: SO  
 Date Sampled...: 04/07/04 17:00 Date Received...: 04/13/04 06:45 MS Run #.....: 4110184  
 Prep Date.....: 04/16/04 Analysis Date...: 04/16/04  
 Prep Batch #...: 4110378 Analysis Time...: 15:20  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	40	25	ug/kg	15
Benzene	5.8	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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## STL SAN FRANCISCO

Client Sample ID: MW-2-15

## GC/MS Volatiles

Lot-Sample #....: E4D130301-009 Work Order #....: GD32W1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
<b>Ethylbenzene</b>	<b>7.4</b>	<b>5.0</b>	<b>ug/kg</b>	<b>2.0</b>
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
<b>Naphthalene</b>	<b>8.5</b>	<b>5.0</b>	<b>ug/kg</b>	<b>2.0</b>
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
<b>Xylenes (total)</b>	<b>8.2</b>	<b>5.0</b>	<b>ug/kg</b>	<b>3.0</b>
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	76	(60 - 130)
1,2-Dichloroethane-d4	73	(60 - 140)
Toluene-d8	84	(70 - 130)

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Client Sample ID: MW-2-20

GC/MS Volatiles

Lot-Sample #...: E4D130301-010 Work Order #...: GD32X1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
<b>Ethylbenzene</b>	<b>6.3</b>	<b>5.0</b>	<b>ug/kg</b>	<b>2.0</b>
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
<b>Methyl tert-butyl ether</b>	<b>120</b>	<b>5.0</b>	<b>ug/kg</b>	<b>1.0</b>
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
<b>Toluene</b>	<b>6.2</b>	<b>5.0</b>	<b>ug/kg</b>	<b>2.0</b>
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
<b>Xylenes (total)</b>	<b>37</b>	<b>5.0</b>	<b>ug/kg</b>	<b>3.0</b>
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	77	(60 - 130)
1,2-Dichloroethane-d4	73	(60 - 140)
Toluene-d8	84	(70 - 130)



SEVERN  
TRENT

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QA/QC

# QC DATA ASSOCIATION SUMMARY

E4D130301

## Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	SO	SW846 8260B		4110378	4110184
002	SO	SW846 8260B		4110378	4110184
003	SO	SW846 8260B		4110378	4110184
004	SO	SW846 8260B		4110378	4110184
005	SO	SW846 8260B		4110378	4110184
006	SO	SW846 8260B		4110378	4110184
007	SO	SW846 8260B		4107547	4107255
008	SO	SW846 8260B		4107547	4107255
009	SO	SW846 8260B		4110378	4110184
010	SO	SW846 8260B		4110378	4110184

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D130301  
 MB Lot-Sample #: E4D160000-547  
 Analysis Date...: 04/15/04  
 Dilution Factor: 1

Work Order #...: GECVW1AA  
 Prep Date.....: 04/14/04  
 Prep Batch #...: 4107547  
 Analyst ID.....: 999998

Matrix.....: SOLID  
 Analysis Time...: 13:08  
 Instrument ID...: MSP

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1200	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromobenzene	ND	250	ug/kg	SW846 8260B
Bromochloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	500	ug/kg	SW846 8260B
2-Butanone	ND	1200	ug/kg	SW846 8260B
n-Butylbenzene	ND	250	ug/kg	SW846 8260B
sec-Butylbenzene	ND	250	ug/kg	SW846 8260B
tert-Butylbenzene	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	500	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	500	ug/kg	SW846 8260B
2-Chlorotoluene	ND	250	ug/kg	SW846 8260B
4-Chlorotoluene	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	500	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	250	ug/kg	SW846 8260B
Dibromomethane	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	500	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	250	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E4D130301

Work Order #....: GECVW1AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Hexachlorobutadiene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	1200	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	1200	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
Naphthalene	ND	250	ug/kg	SW846 8260B
n-Propylbenzene	ND	250	ug/kg	SW846 8260B
Styrene	ND	500	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	500	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichlorotrifluoro- ethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	500	ug/kg	SW846 8260B
xylene (total)	ND	250	ug/kg	SW846 8260B
Vinyl acetate	ND	500	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	500	ug/kg	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	97	(55 - 140)
1,2-Dichloroethane-d4	101	(55 - 140)
Toluene-d8	105	(55 - 140)

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E4D130301  
 MB Lot-Sample #: E4D190000-378  
 Analysis Date...: 04/16/04  
 Dilution Factor: 1

Work Order #....: GEFJA1AA  
 Prep Date.....: 04/16/04  
 Prep Batch #....: 4110378  
 Analyst ID.....: 999998

Matrix.....: SOLID  
 Analysis Time...: 09:47  
 Instrument ID...: MSP

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	25	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D130301

Work Order #...: GEFJA1AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Naphthalene	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	79	(60 - 130)
1,2-Dichloroethane-d4	77	(60 - 140)
Toluene-d8	85	(70 - 130)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GECVW1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E4D160000-547  
 Prep Date.....: 04/14/04      Analysis Date...: 04/15/04  
 Prep Batch #...: 4107547      Analysis Time...: 12:26  
 Dilution Factor: 1      Instrument ID...: MSP  
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	96	(60 - 135)	SW846 8260B
Chlorobenzene	98	(60 - 125)	SW846 8260B
1,1-Dichloroethene	101	(55 - 130)	SW846 8260B
Toluene	100	(60 - 125)	SW846 8260B
Trichloroethene	99	(60 - 140)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	98	(55 - 140)
1,2-Dichloroethane-d4	99	(55 - 140)
Toluene-d8	102	(55 - 140)

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E4D130301      Work Order #....: GECVW1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E4D160000-547  
 Prep Date.....: 04/14/04      Analysis Date...: 04/15/04  
 Prep Batch #....: 4107547      Analysis Time...: 12:26  
 Dilution Factor: 1      Instrument ID...: MSP  
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
Benzene	2500	2400	ug/kg	96	SW846 8260B
Chlorobenzene	2500	2440	ug/kg	98	SW846 8260B
1,1-Dichloroethene	2500	2520	ug/kg	101	SW846 8260B
Toluene	2500	2490	ug/kg	100	SW846 8260B
Trichloroethene	2500	2480	ug/kg	99	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	98	(55 - 140)
1,2-Dichloroethane-d4	99	(55 - 140)
Toluene-d8	102	(55 - 140)

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters



**LABORATORY CONTROL SAMPLE EVALUATION REPORT**

**GC/MS Volatiles**

Client Lot #...: E4D130301      Work Order #...: GEFJA1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E4D190000-378  
 Prep Date.....: 04/16/04      Analysis Date...: 04/16/04  
 Prep Batch #...: 4110378      Analysis Time...: 09:26  
 Dilution Factor: 1      Instrument ID...: MSP  
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	109	(70 - 130)	SW846 8260B
Chlorobenzene	106	(70 - 130)	SW846 8260B
1,1-Dichloroethene	118	(65 - 150)	SW846 8260B
Toluene	106	(70 - 130)	SW846 8260B
Trichloroethene	105	(70 - 135)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	84	(60 - 130)
1,2-Dichloroethane-d4	79	(60 - 140)
Toluene-d8	90	(60 - 130)

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E4D130301      Work Order #....: GEFJA1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E4D190000-378  
 Prep Date.....: 04/16/04      Analysis Date...: 04/16/04  
 Prep Batch #....: 4110378      Analysis Time...: 09:26  
 Dilution Factor: 1      Instrument ID...: MSP  
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
Benzene	50.0	54.6	ug/kg	109	SW846 8260B
Chlorobenzene	50.0	52.9	ug/kg	106	SW846 8260B
1,1-Dichloroethene	50.0	59.1	ug/kg	118	SW846 8260B
Toluene	50.0	52.9	ug/kg	106	SW846 8260B
Trichloroethene	50.0	52.6	ug/kg	105	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	84	(60 - 130)
1,2-Dichloroethane-d4	79	(60 - 140)
Toluene-d8	90	(60 - 130)

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E4D130301      Work Order #....: GD32V1AC-MS      Matrix.....: SO  
 MS Lot-Sample #: E4D130301-008      GD32V1AD-MSD  
 Date Sampled....: 04/07/04 16:55      Date Received...: 04/13/04 06:45      MS Run #.....: 4107255  
 Prep Date.....: 04/14/04      Analysis Date...: 04/15/04  
 Prep Batch #....: 4107547      Analysis Time...: 14:53  
 Dilution Factor: 2      Analyst ID.....: 999998      Instrument ID...: MSP

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	87	(60 - 135)			SW846 8260B
	90	(60 - 135)	4.3	(0-35)	SW846 8260B
Chlorobenzene	88	(60 - 125)			SW846 8260B
	92	(60 - 125)	4.0	(0-35)	SW846 8260B
1,1-Dichloroethene	93	(55 - 130)			SW846 8260B
	96	(55 - 130)	2.8	(0-35)	SW846 8260B
Toluene	65	(60 - 125)			SW846 8260B
	55 a, MSC	(60 - 125)	9.9	(0-35)	SW846 8260B
Trichloroethene	90	(60 - 140)			SW846 8260B
	94	(60 - 140)	4.3	(0-35)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(55 - 140)
	89	(55 - 140)
1,2-Dichloroethane-d4	87	(55 - 140)
	89	(55 - 140)
Toluene-d8	88	(55 - 140)
	93	(55 - 140)

**NOTE(S):**

Calculations are performed before rounding to avoid round-off errors in calculated results.  
 Bold print denotes control parameters  
 a Spiked analyte recovery is outside stated control limits.  
 MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GD32V1AC-MS      Matrix.....: SO  
 MS Lot-Sample #: E4D130301-008      GD32V1AD-MSD  
 Date Sampled...: 04/07/04 16:55      Date Received...: 04/13/04 06:45      MS Run #.....: 4107255  
 Prep Date.....: 04/14/04      Analysis Date...: 04/15/04  
 Prep Batch #...: 4107547      Analysis Time...: 14:53  
 Dilution Factor: 2      Analyst ID.....: 999998      Instrument ID...: MSP

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Benzene	ND	2500	2160	ug/kg	87		SW846 8260B
	ND	2500	2260	ug/kg	90	4.3	SW846 8260B
Chlorobenzene	ND	2500	2200	ug/kg	88		SW846 8260B
	ND	2500	2290	ug/kg	92	4.0	SW846 8260B
1,1-Dichloroethene	ND	2500	2330	ug/kg	93		SW846 8260B
	ND	2500	2400	ug/kg	96	2.8	SW846 8260B
Toluene	1200	2500	2780	ug/kg	65		SW846 8260B
	1200	2500	2520	ug/kg	55	9.9	SW846 8260B
Qualifiers: a, MSC							
Trichloroethene	ND	2500	2240	ug/kg	90		SW846 8260B
	ND	2500	2340	ug/kg	94	4.3	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	86	(55 - 140)
	89	(55 - 140)
1,2-Dichloroethane-d4	87	(55 - 140)
	89	(55 - 140)
Toluene-d8	88	(55 - 140)
	93	(55 - 140)

**NOTE(S) :**

- Calculations are performed before rounding to avoid round-off errors in calculated results.
- Bold print denotes control parameters
- a Spiked analyte recovery is outside stated control limits.
- MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GD32F1AC-MS      Matrix.....: SO  
 MS Lot-Sample #: E4D130301-001      GD32F1AD-MSD  
 Date Sampled...: 04/07/04 08:20      Date Received..: 04/13/04 06:45      MS Run #.....: 4110184  
 Prep Date.....: 04/16/04      Analysis Date...: 04/16/04  
 Prep Batch #...: 4110378      Analysis Time...: 16:25  
 Dilution Factor: 1      Analyst ID.....: 999998      Instrument ID...: MSP

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	124	(70 - 130)			SW846 8260B
	136 a	(70 - 130)	9.4	(0-30)	SW846 8260B
Chlorobenzene	118	(70 - 130)			SW846 8260B
	130	(70 - 130)	9.8	(0-30)	SW846 8260B
1,1-Dichloroethene	216 a, MSC	(65 - 150)			SW846 8260B
	250 a, MSC	(65 - 150)	14	(0-30)	SW846 8260B
Toluene	138 a, MSC	(70 - 130)			SW846 8260B
	157 a, MSC	(70 - 130)	13	(0-30)	SW846 8260B
Trichloroethene	134	(70 - 135)			SW846 8260B
	151 a, MSC	(70 - 135)	12	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(60 - 130)
	91	(60 - 130)
1,2-Dichloroethane-d4	53 *	(60 - 140)
	49 *	(60 - 140)
Toluene-d8	101	(70 - 130)
	108	(70 - 130)

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

\* Surrogate recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E4D130301      Work Order #....: GD32F1AC-MS      Matrix.....: SO  
 MS Lot-Sample #: E4D130301-001      GD32F1AD-MSD  
 Date Sampled...: 04/07/04 08:20      Date Received...: 04/13/04 06:45      MS Run #.....: 4110184  
 Prep Date.....: 04/16/04      Analysis Date...: 04/16/04  
 Prep Batch #...: 4110378      Analysis Time...: 16:25  
 Dilution Factor: 1      Analyst ID.....: 999998      Instrument ID...: MSP

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Benzene	ND	50.0	62.0	ug/kg	124		SW846 8260B
	ND	50.0	68.2	ug/kg	136 a	9.4	SW846 8260B
Chlorobenzene	ND	50.0	58.9	ug/kg	118		SW846 8260B
	ND	50.0	65.0	ug/kg	130	9.8	SW846 8260B
1,1-Dichloroethene	ND	50.0	108	ug/kg	216		SW846 8260B
		Qualifiers: a,MSC					
Toluene	ND	50.0	125	ug/kg	250	14	SW846 8260B
		Qualifiers: a,MSC					
Trichloroethene	ND	50.0	68.9	ug/kg	138		SW846 8260B
		Qualifiers: a,MSC					
Toluene	ND	50.0	78.6	ug/kg	157	13	SW846 8260B
		Qualifiers: a,MSC					
Trichloroethene	ND	50.0	66.8	ug/kg	134		SW846 8260B
	ND	50.0	75.4	ug/kg	151	12	SW846 8260B
	Qualifiers: a,MSC						

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	92	(60 - 130)
1,2-Dichloroethane-d4	91	(60 - 130)
Toluene-d8	53 *	(60 - 140)
	49 *	(60 - 140)
	101	(70 - 130)
	108	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.  
 Bold print denotes control parameters  
 a Spiked analyte recovery is outside stated control limits.  
 \* Surrogate recovery is outside stated control limits.  
 MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

E4D130301

SEVERN

TRENT

STL

Chain of Custody

Date Shipped: 4/12/2004

2004-04-0263 - 1

From: STL San Francisco (CL)
1220 Quarry Lane
Pleasanton, CA 94566-4756

To: STL Los Angeles - Sub contract
1721 South Grand Avenue
Santa Ana, CA 92705

Project Manager: Vincent Vancil
Phone: (925) 484-1919
Fax: (925) 484-1096
Email: vvancil@stl-inc.com

Phone: (714) 258-8610
Fax: (714) 258-0921
Contact: Sample
Phone: (714) 258-8610
Ext: Control

CL Submission #: 2004-04-0263
CL PO #:

Project #: 0004.082
Project Name: Bay Rock- Oak Walk Emeryville

Table with 5 columns: Client Sample ID, Analysis, CL#, Sampled, Matrix, Method, TAT. Contains 9 rows of sample data including MW-8-5, MW-8-10, MW-6-5, MW-6-10, MW-3-14, MW-3-20, MW-2-5, MW-2-10, MW-2-15.

RELINQUISHED BY: 1. Signature, Time 1515, Date 4/12/04, Printed Name, Company STL-SF

RELINQUISHED BY: 2. Signature, Time, Date, Printed Name, Company

RELINQUISHED BY: 3. Signature, Time, Date, Printed Name, Company

RECEIVED BY: 1. Signature, Time 0945, Date 4/13/04, Printed Name K FREITAL, Company

RECEIVED BY: 2. Signature, Time, Date, Printed Name, Company

RECEIVED BY: 3. Signature, Time, Date, Printed Name, Company

E4D130301

SEVERN

TRENT

STL

Chain of Custody

Date Shipped: 4/12/2004

2004-04-0263 - 1

From: STL San Francisco (CL)  
1220 Quarry Lane  
Pleasanton, CA 94566-4756

To: STL Los Angeles - Sub contract  
1721 South Grand Avenue  
Santa Ana, CA 92705

Project Manager: Vincent Vancil  
Phone: (925) 484-1919  
Fax: (925) 484-1096  
Email: vvancil@stl-inc.com

Phone: (714) 258-8610  
Fax: (714) 258-0921  
Contact: Sample  
Phone: (714) 258-8610  
Ext: Control

CL Submission #: 2004-04-0263  
CL PO #:

Project #: 0004.082  
Project Name: Bay Rock- Oak Walk Emeryville

Client Sample ID	CL#	Sampled	Matrix	TAT
Analysis			Method	
MW-2-20	10	4/7/2004 5:10:00PM	Soil	
Subcontract - 8260 Volatile Organics by GC/MS.			8260	5 Day

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1.

Signature: *[Signature]* Time: 1515<sup>AT</sup>

Printed Name: J. Stafford Date: 4/12/04

Company: STL-SF

RELINQUISHED BY: 2.

Signature: \_\_\_\_\_ Time: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

Company: \_\_\_\_\_

RELINQUISHED BY: 3.

Signature: \_\_\_\_\_ Time: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

Company: \_\_\_\_\_

RECEIVED BY: 1.

Signature: *[Signature]* Time: 0945

Printed Name: K. Freitag Date: 4/13/04

Company: STL LA

RECEIVED BY: 2.

Signature: \_\_\_\_\_ Time: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

Company: \_\_\_\_\_

RECEIVED BY: 3.

Signature: \_\_\_\_\_ Time: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_

Company: \_\_\_\_\_





San Joaquin Company, Inc.

April 20, 2004

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459

Attn.: Dai Watkins

Project#: 0004.082

Project: Bay Rock- Oak Walk Emeryville

Dear Dai,

Attached is our report for your samples received on 04/08/2004 11:04

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/23/2004 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: [vvancil@stl-inc.com](mailto:vvancil@stl-inc.com)

Sincerely,



Vincent Vancil  
Project Manager

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](http://www.stl-inc.com) \* CA DHS ELAP# 2496

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-8-5	04/07/2004 08:20	Soil	1
MW-8-10	04/07/2004 08:35	Soil	2
MW-6-5	04/07/2004 11:20	Soil	3
MW-6-10	04/07/2004 11:30	Soil	4
MW-3-14	04/07/2004 14:05	Soil	5
MW-3-20	04/07/2004 14:20	Soil	6
MW-2-15	04/07/2004 17:00	Soil	9
MW-2-20	04/07/2004 17:10	Soil	10

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

04/15/2004 15:18

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 5030B Test(s): 8260B  
Sample ID: MW-8-5 Lab ID: 2004-04-0263 - 1  
Sampled: 04/07/2004 08:20 Extracted: 4/13/2004 14:10  
Matrix: Soil QC Batch#: 2004/04/13-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/13/2004 14:10	
Benzene	ND	5.0	ug/Kg	1.00	04/13/2004 14:10	
Toluene	ND	5.0	ug/Kg	1.00	04/13/2004 14:10	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/13/2004 14:10	
Total xylenes	ND	5.0	ug/Kg	1.00	04/13/2004 14:10	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	97.6	70-121	%	1.00	04/13/2004 14:10	
Toluene-d8	98.1	81-117	%	1.00	04/13/2004 14:10	

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04/15/2004 15:18

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW-8-10 Lab ID: 2004-04-0263 - 2  
 Sampled: 04/07/2004 08:35 Extracted: 4/13/2004 15:04  
 Matrix: Soil QC Batch#: 2004/04/13-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/13/2004 15:04	
Benzene	ND	5.0	ug/Kg	1.00	04/13/2004 15:04	
Toluene	ND	5.0	ug/Kg	1.00	04/13/2004 15:04	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/13/2004 15:04	
Total xylenes	ND	5.0	ug/Kg	1.00	04/13/2004 15:04	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	94.8	70-121	%	1.00	04/13/2004 15:04	
Toluene-d8	97.1	81-117	%	1.00	04/13/2004 15:04	

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s): 5030B                      Test(s): 8260B  
 Sample ID: **MW-6-5**                Lab ID: 2004-04-0263 - 3  
 Sampled: 04/07/2004 11:20        Extracted: 4/13/2004 15:40  
 Matrix: Soil                            QC Batch#: 2004/04/13-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/13/2004 15:40	
Benzene	ND	5.0	ug/Kg	1.00	04/13/2004 15:40	
Toluene	ND	5.0	ug/Kg	1.00	04/13/2004 15:40	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/13/2004 15:40	
Total xylenes	ND	5.0	ug/Kg	1.00	04/13/2004 15:40	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	97.1	70-121	%	1.00	04/13/2004 15:40	
Toluene-d8	97.9	81-117	%	1.00	04/13/2004 15:40	

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW-6-10 Lab ID: 2004-04-0263 - 4  
 Sampled: 04/07/2004 11:30 Extracted: 4/13/2004 15:59  
 Matrix: Soil QC Batch#: 2004/04/13-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/13/2004 15:59	
Benzene	ND	5.0	ug/Kg	1.00	04/13/2004 15:59	
Toluene	ND	5.0	ug/Kg	1.00	04/13/2004 15:59	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/13/2004 15:59	
Total xylenes	ND	5.0	ug/Kg	1.00	04/13/2004 15:59	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	108.0	70-121	%	1.00	04/13/2004 15:59	
Toluene-d8	97.2	81-117	%	1.00	04/13/2004 15:59	

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Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s):	5030B	Test(s):	8260B
Sample ID:	<b>MW-3-14</b>	Lab ID:	2004-04-0263 - 5
Sampled:	04/07/2004 14:05	Extracted:	4/15/2004 13:19
Matrix:	Soil	QC Batch#:	2004/04/15-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/15/2004 13:19	
Benzene	ND	5.0	ug/Kg	1.00	04/15/2004 13:19	
Toluene	ND	5.0	ug/Kg	1.00	04/15/2004 13:19	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/15/2004 13:19	
Total xylenes	ND	5.0	ug/Kg	1.00	04/15/2004 13:19	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	92.1	70-121	%	1.00	04/15/2004 13:19	
Toluene-d8	95.1	81-117	%	1.00	04/15/2004 13:19	

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Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 5030B Test(s): 8260B  
Sample ID: MW-3-20 Lab ID: 2004-04-0263 - 6  
Sampled: 04/07/2004 14:20 Extracted: 4/13/2004 20:25  
Matrix: Soil QC Batch#: 2004/04/13-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/13/2004 20:25	
Benzene	ND	5.0	ug/Kg	1.00	04/13/2004 20:25	
Toluene	ND	5.0	ug/Kg	1.00	04/13/2004 20:25	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/13/2004 20:25	
Total xylenes	ND	5.0	ug/Kg	1.00	04/13/2004 20:25	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	100.7	70-121	%	1.00	04/13/2004 20:25	
Toluene-d8	95.6	81-117	%	1.00	04/13/2004 20:25	

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Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-2-15	Lab ID:	2004-04-0263 - 9
Sampled:	04/07/2004 17:00	Extracted:	4/13/2004 20:43
Matrix:	Soil	QC Batch#:	2004/04/13-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/13/2004 20:43	
Benzene	30	5.0	ug/Kg	1.00	04/13/2004 20:43	
Toluene	ND	5.0	ug/Kg	1.00	04/13/2004 20:43	
Ethyl benzene	21	5.0	ug/Kg	1.00	04/13/2004 20:43	
Total xylenes	29	5.0	ug/Kg	1.00	04/13/2004 20:43	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	102.0	70-121	%	1.00	04/13/2004 20:43	
Toluene-d8	94.6	81-117	%	1.00	04/13/2004 20:43	

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-2-20	Lab ID:	2004-04-0263 - 10
Sampled:	04/07/2004 17:10	Extracted:	4/13/2004 21:01
Matrix:	Soil	QC Batch#:	2004/04/13-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/13/2004 21:01	
Benzene	ND	5.0	ug/Kg	1.00	04/13/2004 21:01	
Toluene	ND	5.0	ug/Kg	1.00	04/13/2004 21:01	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/13/2004 21:01	
Total xylenes	ND	5.0	ug/Kg	1.00	04/13/2004 21:01	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	97.2	70-121	%	1.00	04/13/2004 21:01	
Toluene-d8	95.9	81-117	%	1.00	04/13/2004 21:01	

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/13-01.69

MB: 2004/04/13-01.69-014

Date Extracted: 04/13/2004 10:14

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	04/13/2004 10:14	
Benzene	ND	5.0	ug/Kg	04/13/2004 10:14	
Toluene	ND	5.0	ug/Kg	04/13/2004 10:14	
Ethyl benzene	ND	5.0	ug/Kg	04/13/2004 10:14	
Total xylenes	ND	5.0	ug/Kg	04/13/2004 10:14	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	95.2	70-121	%	04/13/2004 10:14	
Toluene-d8	97.2	81-117	%	04/13/2004 10:14	

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Project: 0004.082

Received: 04/08/2004 11:04

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**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/15-01.69

MB: 2004/04/15-01.69-005

Date Extracted: 04/15/2004 09:05

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	04/15/2004 09:05	
Benzene	ND	5.0	ug/Kg	04/15/2004 09:05	
Toluene	ND	5.0	ug/Kg	04/15/2004 09:05	
Ethyl benzene	ND	5.0	ug/Kg	04/15/2004 09:05	
Total xylenes	ND	5.0	ug/Kg	04/15/2004 09:05	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	100.2	70-121	%	04/15/2004 09:05	
Toluene-d8	98.0	81-117	%	04/15/2004 09:05	

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**Fuel Oxygenates by 8260B**

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/04/13-01.69**

LCS 2004/04/13-01.69-039

Extracted: 04/13/2004

Analyzed: 04/13/2004 09:39

LCSD 2004/04/13-01.69-057

Extracted: 04/13/2004

Analyzed: 04/13/2004 09:57

Compound	Conc. ug/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	52.6	52.0	50.0	105.2	104.0	1.1	69-129	20		
Toluene	51.8	50.0	50.0	103.6	100.0	3.5	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	445	440	500	89.0	88.0		70-121			
Toluene-d8	470	464	500	94.0	92.8		81-117			

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/04/13-02.69**

LCS 2004/04/13-02.69-014

Extracted: 04/13/2004

Analyzed: 04/13/2004 18:14

LCSD 2004/04/13-02.69-032

Extracted: 04/13/2004

Analyzed: 04/13/2004 18:32

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	48.9	50.4	50.0	97.8	100.8	3.0	69-129	20		
Toluene	48.4	50.4	50.0	96.8	100.8	4.0	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	455	455	500	91.0	91.0		70-121			
Toluene-d8	480	484	500	96.0	96.8		81-117			

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Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2004/04/13-01.69**

MW-8-5 >> MS

Lab ID: 2004-04-0263 - 001

MS: 2004/04/13-01.69-028

Extracted: 04/13/2004

Analyzed: 04/13/2004 14:28

Dilution: 1.00

MSD: 2004/04/13-01.69-046

Extracted: 04/13/2004

Analyzed: 04/13/2004 14:46

Dilution: 1.00

Compound	Conc. ug/Kg			Spk.Level ug/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	46.7	44.7	ND	47.7	97.9	97.2	0.7	69-129	20		
Toluene	46.4	46.6	ND	47.7	97.3	101.3	4.0	70-130	20		
<b>Surrogate(s)</b>											
1,2-Dichloroethane-d4	460	453		500	92.0	90.6		70-121			
Toluene-d8	479	501		500	95.9	100.1		81-117			

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**Gas/BTEXFuel Oxygenates by 8260B (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-2-5	04/07/2004 16:45	Soil	7
MW-2-10	04/07/2004 16:55	Soil	8

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B  
Sample ID: MW-2-5 Lab ID: 2004-04-0263 - 7  
Sampled: 04/07/2004 16:45 Extracted: 4/14/2004 16:00  
Matrix: Soil QC Batch#: 2004/04/14-03.69  
Analysis Flag: o ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	860000	250000	ug/Kg	5.00	04/15/2004 02:52	
Benzene	ND	2500	ug/Kg	5.00	04/15/2004 02:52	
Toluene	ND	2500	ug/Kg	5.00	04/15/2004 02:52	
Ethyl benzene	19000	2500	ug/Kg	5.00	04/15/2004 02:52	
Total xylenes	87000	2500	ug/Kg	5.00	04/15/2004 02:52	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	NA	70-121	%	5.00	04/15/2004 02:52	sd
Toluene-d8	NA	81-117	%	5.00	04/15/2004 02:52	sd

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Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-2-10	Lab ID: 2004-04-0263 - 8
Sampled: 04/07/2004 16:55	Extracted: 4/14/2004 16:00
Matrix: Soil	QC Batch#: 2004/04/14-03.69

Analysis Flag: o ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	530000	130000	ug/Kg	2.50	04/15/2004 03:10	
Benzene	ND	1300	ug/Kg	2.50	04/15/2004 03:10	
Toluene	2400	1300	ug/Kg	2.50	04/15/2004 03:10	
Ethyl benzene	9200	1300	ug/Kg	2.50	04/15/2004 03:10	
Total xylenes	47000	1300	ug/Kg	2.50	04/15/2004 03:10	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	NA	70-121	%	2.50	04/15/2004 03:10	sd
Toluene-d8	NA	81-117	%	2.50	04/15/2004 03:10	sd

**Gas/BTEXFuel Oxygenates by 8260B (High Level)**

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Received: 04/08/2004 11:04

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2004/04/14-03.69-034

Soil

Test(s): 8260B

QC Batch # 2004/04/14-03.69

Date Extracted: 04/15/2004 02:34

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50000	ug/Kg	04/15/2004 02:34	
Benzene	ND	500	ug/Kg	04/15/2004 02:34	
Toluene	ND	500	ug/Kg	04/15/2004 02:34	
Ethyl benzene	ND	500	ug/Kg	04/15/2004 02:34	
Total xylenes	ND	500	ug/Kg	04/15/2004 02:34	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	96.7	70-121	%	04/15/2004 02:34	
Toluene-d8	91.5	81-117	%	04/15/2004 02:34	

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**Gas/BTEXFuel Oxygenates by 8260B (High Level)**

San Joaquin Company, Inc.

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Project: 0004.082

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Bay Rock- Oak Walk Emeryville

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**Legend and Notes**

---

**Analysis Flag**

o

Reporting limits were raised due to high level of analyte present in the sample.

**Result Flag**

sd

Surrogate recovery not reportable due to required dilution.

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**PNA analysis by 8270C**

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-8-5	04/07/2004 08:20	Soil	1
MW-8-10	04/07/2004 08:35	Soil	2
MW-6-5	04/07/2004 11:20	Soil	3
MW-6-10	04/07/2004 11:30	Soil	4
MW-3-14	04/07/2004 14:05	Soil	5
MW-3-20	04/07/2004 14:20	Soil	6
MW-2-5	04/07/2004 16:45	Soil	7
MW-2-10	04/07/2004 16:55	Soil	8
MW-2-15	04/07/2004 17:00	Soil	9
MW-2-20	04/07/2004 17:10	Soil	10

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

04/16/2004 16:10

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 3550B/8270C                      Test(s): 8270C  
Sample ID: MW-8-5                          Lab ID: 2004-04-0263 - 1  
Sampled: 04/07/2004 08:20                Extracted: 4/12/2004 06:26  
Matrix: Soil                                    QC Batch#: 2004/04/12-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Fluorene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Chrysene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 18:01	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	75.1	23-120	%	1.00	04/15/2004 18:01	
2-Fluorobiphenyl	69.3	30-115	%	1.00	04/15/2004 18:01	
p-Terphenyl-d14	85.7	18-137	%	1.00	04/15/2004 18:01	

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**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	<b>MW-8-10</b>	Lab ID:	2004-04-0263 - 2
Sampled:	04/07/2004 08:35	Extracted:	4/12/2004 06:26
Matrix:	Soil	QC Batch#:	2004/04/12-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Fluorene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Chrysene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 18:30	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	78.4	23-120	%	1.00	04/15/2004 18:30	
2-Fluorobiphenyl	72.9	30-115	%	1.00	04/15/2004 18:30	
p-Terphenyl-d14	92.6	18-137	%	1.00	04/15/2004 18:30	

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**PNA analysis by 8270C**

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	MW-6-5	Lab ID:	2004-04-0263 - 3
Sampled:	04/07/2004 11:20	Extracted:	4/12/2004 06:26
Matrix:	Soil	QC Batch#:	2004/04/12-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Fluorene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Chrysene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 19:00	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	73.5	23-120	%	1.00	04/15/2004 19:00	
2-Fluorobiphenyl	71.6	30-115	%	1.00	04/15/2004 19:00	
p-Terphenyl-d14	85.6	18-137	%	1.00	04/15/2004 19:00	

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**PNA analysis by 8270C**

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Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 3550B/8270C                      Test(s): 8270C  
Sample ID: MW-6-10                      Lab ID: 2004-04-0263 - 4  
Sampled: 04/07/2004 11:30              Extracted: 4/12/2004 06:26  
Matrix: Soil                                  QC Batch#: 2004/04/12-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Fluorene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Chrysene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 19:29	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	75.5	23-120	%	1.00	04/15/2004 19:29	
2-Fluorobiphenyl	73.8	30-115	%	1.00	04/15/2004 19:29	
p-Terphenyl-d14	92.5	18-137	%	1.00	04/15/2004 19:29	

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**PNA analysis by 8270C**

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Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MW-3-14	Lab ID: 2004-04-0263 - 5
Sampled: 04/07/2004 14:05	Extracted: 4/12/2004 06:26
Matrix: Soil	QC Batch#: 2004/04/12-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Fluorene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Chrysene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 19:58	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	63.9	23-120	%	1.00	04/15/2004 19:58	
2-Fluorobiphenyl	60.8	30-115	%	1.00	04/15/2004 19:58	
p-Terphenyl-d14	75.6	18-137	%	1.00	04/15/2004 19:58	

**PNA analysis by 8270C**

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	MW-3-20	Lab ID:	2004-04-0263 - 6
Sampled:	04/07/2004 14:20	Extracted:	4/12/2004 06:26
Matrix:	Soil	QC Batch#:	2004/04/12-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Fluorene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Chrysene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 20:28	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	72.8	23-120	%	1.00	04/15/2004 20:28	
2-Fluorobiphenyl	63.5	30-115	%	1.00	04/15/2004 20:28	
p-Terphenyl-d14	86.4	18-137	%	1.00	04/15/2004 20:28	

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**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MW-2-5	Lab ID: 2004-04-0263 - 7
Sampled: 04/07/2004 16:45	Extracted: 4/12/2004 06:26
Matrix: Soil	QC Batch#: 2004/04/12-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	0.97	0.067	mg/Kg	1.00	04/15/2004 20:57	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Fluorene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Chrysene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/15/2004 20:57	
2-Methylnaphthalene	1.1	0.067	mg/Kg	1.00	04/15/2004 20:57	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	77.9	23-120	%	1.00	04/15/2004 20:57	
2-Fluorobiphenyl	72.6	30-115	%	1.00	04/15/2004 20:57	
p-Terphenyl-d14	87.8	18-137	%	1.00	04/15/2004 20:57	

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**PNA analysis by 8270C**

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MW-2-10	Lab ID: 2004-04-0263 - 8
Sampled: 04/07/2004 16:55	Extracted: 4/12/2004 06:26
Matrix: Soil	QC Batch#: 2004/04/12-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	0.17	0.067	mg/Kg	1.00	04/15/2004 21:26	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Fluorene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Chrysene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/15/2004 21:26	
2-Methylnaphthalene	0.23	0.067	mg/Kg	1.00	04/15/2004 21:26	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	73.8	23-120	%	1.00	04/15/2004 21:26	
2-Fluorobiphenyl	69.1	30-115	%	1.00	04/15/2004 21:26	
p-Terphenyl-d14	89.3	18-137	%	1.00	04/15/2004 21:26	

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04/16/2004 16:10

**PNA analysis by 8270C**

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Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s): 3550B/8270C                      Test(s): 8270C  
 Sample ID: MW-2-15                      Lab ID: 2004-04-0263 - 9  
 Sampled: 04/07/2004 17:00              Extracted: 4/12/2004 06:26  
 Matrix: Soil                                  QC Batch#: 2004/04/12-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Fluorene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Chrysene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 21:55	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	75.6	23-120	%	1.00	04/15/2004 21:55	
2-Fluorobiphenyl	67.1	30-115	%	1.00	04/15/2004 21:55	
p-Terphenyl-d14	88.7	18-137	%	1.00	04/15/2004 21:55	

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

04/16/2004 16:10

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s): 3550B/8270C                      Test(s): 8270C  
 Sample ID: **MW-2-20**                      Lab ID: 2004-04-0263 - 10  
 Sampled: 04/07/2004 17:10                Extracted: 4/12/2004 06:26  
 Matrix: Soil                                    QC Batch#: 2004/04/12-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Fluorene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Chrysene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/15/2004 22:25	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	75.3	23-120	%	1.00	04/15/2004 22:25	
2-Fluorobiphenyl	73.1	30-115	%	1.00	04/15/2004 22:25	
p-Terphenyl-d14	86.3	18-137	%	1.00	04/15/2004 22:25	

Severn Trent Laboratories, Inc.

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04/16/2004 16:10



**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

**Batch QC Report**

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2004/04/12-01.11

MB: 2004/04/12-01.11-001

Date Extracted: 04/12/2004 06:26

Compound	Conc.	RL	Unit	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	04/14/2004 15:21	
2-Methylnaphthalene	ND	0.067	mg/Kg	04/14/2004 15:21	
Acenaphthylene	ND	0.067	mg/Kg	04/14/2004 15:21	
Acenaphthene	ND	0.067	mg/Kg	04/14/2004 15:21	
Fluorene	ND	0.067	mg/Kg	04/14/2004 15:21	
Phenanthrene	ND	0.067	mg/Kg	04/14/2004 15:21	
Anthracene	ND	0.067	mg/Kg	04/14/2004 15:21	
Fluoranthene	ND	0.067	mg/Kg	04/14/2004 15:21	
Pyrene	ND	0.067	mg/Kg	04/14/2004 15:21	
Benzo(a)anthracene	ND	0.067	mg/Kg	04/14/2004 15:21	
Chrysene	ND	0.067	mg/Kg	04/14/2004 15:21	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	04/14/2004 15:21	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	04/14/2004 15:21	
Benzo(a)pyrene	ND	0.067	mg/Kg	04/14/2004 15:21	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	04/14/2004 15:21	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	04/14/2004 15:21	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	04/14/2004 15:21	
<b>Surrogates(s)</b>					
Nitrobenzene-d5	90.3	23-120	%	04/14/2004 15:21	
2-Fluorobiphenyl	87.6	30-115	%	04/14/2004 15:21	
p-Terphenyl-d14	115.4	18-137	%	04/14/2004 15:21	

Severn Trent Laboratories, Inc.

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04/16/2004 16:10

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

**Batch QC Report**

Prep(s): 3550B/8270C

Test(s): 8270C

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/04/12-01.11**

LCS 2004/04/12-01.11-002

Extracted: 04/12/2004

Analyzed: 04/14/2004 17:47

LCSD 2004/04/12-01.11-003

Extracted: 04/12/2004

Analyzed: 04/14/2004 18:17

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Acenaphthene	0.750	0.720	0.999	75.1	72.1	4.1	49-102	30		
Pyrene	0.730	0.690	0.999	73.1	69.1	5.6	25-117	35		
<b>Surrogates(s)</b>										
Nitrobenzene-d5	18.3	16.3	25	73.2	65.2		23-120			
2-Fluorobiphenyl	19.2	18.4	25	76.8	73.6		30-115			
p-Terphenyl-d14	26.3	25.7	25	105.2	102.8		18-137			

Severn Trent Laboratories, Inc.

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04/16/2004 16:10

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
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Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

**Batch QC Report**

Prep(s): 3550B/8270C

Test(s): 8270C

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2004/04/12-01.11**

MW-2-20 >> MS

Lab ID: 2004-04-0263 - 010

MS: 2004/04/12-01.11-014

Extracted: 04/12/2004

Analyzed: 04/15/2004 01:07

Dilution: 1.00

MSD: 2004/04/12-01.11-015

Extracted: 04/12/2004

Analyzed: 04/15/2004 01:37

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level mg/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Acenaphthene	0.800	0.840	ND	0.996	80.3	85.1	5.8	49-102	30		
Pyrene	0.830	0.880	ND	0.996	83.3	89.2	6.8	25-117	35		
<b>Surrogate(s)</b>											
Nitrobenzene-d5	16.3	19.5		25	65.4	77.9		23-120			
2-Fluorobiphenyl	19.1	19.2		25	76.3	76.9		30-115			
p-Terphenyl-d14	28.0	28.4		25	112.2	113.8		18-137			

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

04/16/2004 16:10

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-8-5	04/07/2004 08:20	Soil	1
MW-8-10	04/07/2004 08:35	Soil	2
MW-6-5	04/07/2004 11:20	Soil	3
MW-6-10	04/07/2004 11:30	Soil	4
MW-3-14	04/07/2004 14:05	Soil	5
MW-3-20	04/07/2004 14:20	Soil	6
MW-2-5	04/07/2004 16:45	Soil	7
MW-2-10	04/07/2004 16:55	Soil	8
MW-2-15	04/07/2004 17:00	Soil	9
MW-2-20	04/07/2004 17:10	Soil	10

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: **MW-8-5**                      Lab ID: 2004-04-0263 - 1  
Sampled: 04/07/2004 08:20              Extracted: 4/12/2004 12:42  
Matrix: Soil                                  QC Batch#: 2004/04/12-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/13/2004 15:13	
Mineral Oil	ND	2.0	mg/Kg	1.00	04/13/2004 15:13	
<b>Surrogate(s)</b>						
o-Terphenyl	88.2	60-130	%	1.00	04/13/2004 15:13	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	<b>MW-8-10</b>	Lab ID:	2004-04-0263 - 2
Sampled:	04/07/2004 08:35	Extracted:	4/12/2004 12:42
Matrix:	Soil	QC Batch#:	2004/04/12-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/13/2004 15:44	
Mineral spirits	ND	10	mg/Kg	1.00	04/13/2004 15:44	
<b>Surrogate(s)</b>						
o-Terphenyl	85.3	60-130	%	1.00	04/13/2004 15:44	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: **MW-6-5**                      Lab ID: 2004-04-0263 - 3  
Sampled: 04/07/2004 11:20              Extracted: 4/12/2004 12:42  
Matrix: Soil                                  QC Batch#: 2004/04/12-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/13/2004 16:15	
Mineral spirits	ND	10	mg/Kg	1.00	04/13/2004 16:15	
<b>Surrogate(s)</b>						
o-Terphenyl	83.9	60-130	%	1.00	04/13/2004 16:15	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MW-6-10	Lab ID: 2004-04-0263 - 4
Sampled: 04/07/2004 11:30	Extracted: 4/12/2004 12:42
Matrix: Soil	QC Batch#: 2004/04/12-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/13/2004 14:43	
Mineral spirits	ND	10	mg/Kg	1.00	04/13/2004 14:43	
<b>Surrogate(s)</b>						
o-Terphenyl	88.7	60-130	%	1.00	04/13/2004 14:43	



**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

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Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	<b>MW-3-20</b>	Lab ID:	2004-04-0263 - 6
Sampled:	04/07/2004 14:20	Extracted:	4/12/2004 12:42
Matrix:	Soil	QC Batch#:	2004/04/12-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/13/2004 21:21	
Mineral spirits	ND	10	mg/Kg	1.00	04/13/2004 21:21	
<b>Surrogate(s)</b>						
o-Terphenyl	90.5	60-130	%	1.00	04/13/2004 21:21	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/04/12-04.10**

LCS 2004/04/12-04.10-002

Extracted: 04/12/2004

Analyzed: 04/13/2004 12:09

LCSD 2004/04/12-04.10-003

Extracted: 04/12/2004

Analyzed: 04/13/2004 12:40

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	40.1	40.7	41.6	96.4	97.8	1.4	60-130	25		
<b>Surrogates(s)</b> o-Terphenyl	17.6	18.0	20.0	87.9	90.2		60-130	0		

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

04/14/2004 18:04

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

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**Legend and Notes**

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**Sample Comment**

Lab ID: 2004-04-0263 -7

nmsp- hydrocarbon reported does not match the pattern of our mineral spirits standard

Lab ID: 2004-04-0263 -8

nmsp- hydrocarbon reported does not match the pattern of our mineral spirits standard

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

**ANALYTICAL REPORT**

PROJECT NO. 0004.082

Bay Rock Oak-Walk Emeryville

Lot #: E4D130301

Vincent Vancil

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

Jesse Bacwaden  
Project Manager

April 19, 2004

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: **MW-3-20**                      Lab ID: 2004-04-0263 - 6  
Sampled: 04/07/2004 14:20              Extracted: 4/12/2004 12:42  
Matrix: Soil                                  QC Batch#: 2004/04/12-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/13/2004 21:21	
Mineral spirits	ND	10	mg/Kg	1.00	04/13/2004 21:21	
<b>Surrogate(s)</b>						
o-Terphenyl	90.5	60-130	%	1.00	04/13/2004 21:21	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.  
 Attn.: Dai Watkins  
 1120 Hollywood Ave, Suite 3  
 Oakland, CA 94602-1459  
 Phone: (510) 336-1772 Fax: (510) 336-9119  
 Project: 0004.082  
 Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MW-2-5	Lab ID: 2004-04-0263 - 7
Sampled: 04/07/2004 16:45	Extracted: 4/12/2004 12:42
Matrix: Soil	QC Batch#: 2004/04/12-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/13/2004 20:50	
Mineral spirits	29	10	mg/Kg	1.00	04/13/2004 20:50	,nmsp
<b>Surrogate(s)</b>						
o-Terphenyl	91.6	60-130	%	1.00	04/13/2004 20:50	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: **MW-2-10**                      Lab ID: 2004-04-0263 - 8  
Sampled: 04/07/2004 16:55                      Extracted: 4/12/2004 12:42  
Matrix: Soil                                      QC Batch#: 2004/04/12-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/13/2004 20:20	
Mineral spirits	16	10	mg/Kg	1.00	04/13/2004 20:20	,nmsp
<b>Surrogate(s)</b>						
o-Terphenyl	94.3	60-130	%	1.00	04/13/2004 20:20	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

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Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: **MW-2-20**                      Lab ID: 2004-04-0263 - 10  
Sampled: 04/07/2004 17:10              Extracted: 4/12/2004 12:42  
Matrix: Soil                                      QC Batch#: 2004/04/12-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/13/2004 19:19	
Mineral spirits	ND	10	mg/Kg	1.00	04/13/2004 19:19	
<b>Surrogate(s)</b>						
o-Terphenyl	85.6	60-130	%	1.00	04/13/2004 19:19	



**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

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Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 11:04

**Batch QC Report**

Prep(s): 3550/8015M

Method Blank

MB: 2004/04/12-04.10-001

Soil

Test(s): 8015M

QC Batch # 2004/04/12-04.10

Date Extracted: 04/12/2004 12:42

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	04/13/2004 11:38	
Mineral Oil	ND	2	mg/Kg	04/13/2004 11:38	
Mineral spirits	ND	10	mg/Kg	04/13/2004 11:38	
<b>Surrogates(s)</b>					
o-Terphenyl	90.8	60-130	%	04/13/2004 11:38	

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

04/14/2004 18:04

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/08/2004 11:04

Bay Rock- Oak Walk Emeryville

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/04/12-04.10**

LCS 2004/04/12-04.10-002

Extracted: 04/12/2004

Analyzed: 04/13/2004 12:09

LCSD 2004/04/12-04.10-003

Extracted: 04/12/2004

Analyzed: 04/13/2004 12:40

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	40.1	40.7	41.6	96.4	97.8	1.4	60-130	25		
<b>Surrogates(s)</b> o-Terphenyl	17.6	18.0	20.0	87.9	90.2		60-130	0		

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Bay Rock- Oak Walk Emeryville

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**Legend and Notes**

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**Sample Comment**

Lab ID: 2004-04-0263 -7

nmsp- hydrocarbon reported does not match the pattern of our mineral spirits standard

Lab ID: 2004-04-0263 -8

nmsp- hydrocarbon reported does not match the pattern of our mineral spirits standard

**ANALYTICAL REPORT**

PROJECT NO. 0004.082

Bay Rock Oak-Walk Emeryville

Lot #: E4D130301

Vincent Vancil

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

Jesse Bacwaden  
Project Manager

April 19, 2004

# EXECUTIVE SUMMARY - Detection Highlights

E4D130301

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
<b>MW-2-5 04/07/04 16:45 007</b>				
n-Butylbenzene	2900	500	ug/kg	SW846 8260B
Ethylbenzene	7700	500	ug/kg	SW846 8260B
Isopropylbenzene	980	500	ug/kg	SW846 8260B
Naphthalene	7200	500	ug/kg	SW846 8260B
n-Propylbenzene	4400	500	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	27000	500	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	9800	500	ug/kg	SW846 8260B
Xylenes (total)	38000	500	ug/kg	SW846 8260B
<b>MW-2-10 04/07/04 16:55 008</b>				
n-Butylbenzene	2100	500	ug/kg	SW846 8260B
Ethylbenzene	7200	500	ug/kg	SW846 8260B
Isopropylbenzene	770	500	ug/kg	SW846 8260B
Naphthalene	5000	500	ug/kg	SW846 8260B
n-Propylbenzene	3400	500	ug/kg	SW846 8260B
Toluene	1200	500	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	21000	500	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	7400	500	ug/kg	SW846 8260B
Xylenes (total)	39000	500	ug/kg	SW846 8260B
<b>MW-2-15 04/07/04 17:00 009</b>				
Acetone	40	25	ug/kg	SW846 8260B
Benzene	5.8	5.0	ug/kg	SW846 8260B
Ethylbenzene	7.4	5.0	ug/kg	SW846 8260B
Naphthalene	8.5	5.0	ug/kg	SW846 8260B
Xylenes (total)	8.2	5.0	ug/kg	SW846 8260B
<b>MW-2-20 04/07/04 17:10 010</b>				
Benzene	8.7	5.0	ug/kg	SW846 8260B
Ethylbenzene	6.3	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	120	5.0	ug/kg	SW846 8260B
Toluene	6.2	5.0	ug/kg	SW846 8260B
Xylenes (total)	37	5.0	ug/kg	SW846 8260B

# METHODS SUMMARY

E4D130301

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

## References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

# SAMPLE SUMMARY

E4D130301

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GD32F	001	MW-8-5	04/07/04	08:20
GD32H	002	MW-8-10	04/07/04	08:35
GD32J	003	MW-6-5	04/07/04	11:20
GD32L	004	MW-6-10	04/07/04	11:30
GD32M	005	MW-3-14	04/07/04	14:05
GD32N	006	MW-3-20	04/07/04	14:20
GD32R	007	MW-2-5	04/07/04	16:45
GD32V	008	MW-2-10	04/07/04	16:55
GD32W	009	MW-2-15	04/07/04	17:00
GD32X	010	MW-2-20	04/07/04	17:10

## NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL SAN FRANCISCO

Client Sample ID: MW-8-5

GC/MS Volatiles

Lot-Sample #....: E4D130301-001 Work Order #....: GD32F1AA Matrix.....: SO  
 Date Sampled...: 04/07/04 08:20 Date Received...: 04/13/04 06:45 MS Run #.....: 4110184  
 Prep Date.....: 04/16/04 Analysis Date...: 04/16/04  
 Prep Batch #....: 4110378 Analysis Time...: 13:14  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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Client Sample ID: MW-8-5

GC/MS Volatiles

Lot-Sample #...: E4D130301-001 Work Order #...: GD32F1AA Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	78	(60 - 130)
1,2-Dichloroethane-d4	75	(60 - 140)
Toluene-d8	86	(70 - 130)

## STL SAN FRANCISCO

Client Sample ID: MW-8-10

## GC/MS Volatiles

Lot-Sample #...: E4D130301-002 Work Order #...: GD32H1AA Matrix.....: SO  
 Date Sampled...: 04/07/04 08:35 Date Received...: 04/13/04 06:45 MS Run #.....: 4110184  
 Prep Date.....: 04/16/04 Analysis Date...: 04/16/04  
 Prep Batch #...: 4110378 Analysis Time...: 13:35  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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## STL SAN FRANCISCO

Client Sample ID: MW-8-10

## GC/MS Volatiles

Lot-Sample #...: E4D130301-002 Work Order #...: GD32H1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	78	(60 - 130)
1,2-Dichloroethane-d4	75	(60 - 140)
Toluene-d8	85	(70 - 130)

STL SAN FRANCISCO

Client Sample ID: MW-6-5

GC/MS Volatiles

Lot-Sample #...: E4D130301-003 Work Order #...: GD32J1AA Matrix.....: SO  
 Date Sampled...: 04/07/04 11:20 Date Received...: 04/13/04 06:45 MS Run #.....: 4110184  
 Prep Date.....: 04/16/04 Analysis Date...: 04/16/04  
 Prep Batch #...: 4110378 Analysis Time...: 16:04  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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STL SAN FRANCISCO

Client Sample ID: MW-6-5

GC/MS Volatiles

Lot-Sample #...: E4D130301-003 Work Order #...: GD32J1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	78	(60 - 130)
1,2-Dichloroethane-d4	74	(60 - 140)
Toluene-d8	83	(70 - 130)

## STL SAN FRANCISCO

Client Sample ID: MW-6-10

## GC/MS Volatiles

Lot-Sample #....: E4D130301-004 Work Order #....: GD32L1AA Matrix.....: SO  
 Date Sampled....: 04/07/04 11:30 Date Received...: 04/13/04 06:45 MS Run #.....: 4110184  
 Prep Date.....: 04/16/04 Analysis Date...: 04/16/04  
 Prep Batch #....: 4110378 Analysis Time...: 14:17  
 Dilution Factor: 1  
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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Client Sample ID: MW-6-10

GC/MS Volatiles

Lot-Sample #...: E4D130301-004 Work Order #...: GD32L1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	76	(60 - 130)
1,2-Dichloroethane-d4	74	(60 - 140)
Toluene-d8	85	(70 - 130)

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Client Sample ID: MW-3-14

GC/MS Volatiles

Lot-Sample #....: E4D130301-005 Work Order #....: GD32M1AA Matrix.....: SO  
Date Sampled....: 04/07/04 14:05 Date Received...: 04/13/04 06:45 MS Run #.....: 4110184  
Prep Date.....: 04/16/04 Analysis Date...: 04/16/04  
Prep Batch #....: 4110378 Analysis Time...: 14:38  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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## STL SAN FRANCISCO

Client Sample ID: MW-3-14

## GC/MS Volatiles

Lot-Sample #....: E4D130301-005 Work Order #....: GD32M1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
SURROGATE	PERCENT	RECOVERY		
	RECOVERY	LIMITS		
Bromofluorobenzene	77	(60 - 130)		
1,2-Dichloroethane-d4	76	(60 - 140)		
Toluene-d8	86	(70 - 130)		

## STL SAN FRANCISCO

Client Sample ID: MW-3-20

## GC/MS Volatiles

Lot-Sample #....: E4D130301-006 Work Order #....: GD32N1AA Matrix.....: SO  
Date Sampled....: 04/07/04 14:20 Date Received...: 04/13/04 06:45 MS Run #.....: 4110184  
Prep Date.....: 04/16/04 Analysis Date...: 04/16/04  
Prep Batch #....: 4110378 Analysis Time...: 14:59  
Dilution Factor: 1  
% Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
Bromochloromethane	ND	5.0	ug/kg	1.0
Bromoform	ND	5.0	ug/kg	3.0
Bromomethane	ND	10	ug/kg	8.0
2-Butanone	ND	25	ug/kg	15
n-Butylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
Carbon disulfide	ND	5.0	ug/kg	3.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Dibromochloromethane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
Chloroethane	ND	10	ug/kg	2.0
Chloroform	ND	5.0	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	3.0
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	3.0
Dibromomethane	ND	5.0	ug/kg	1.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
Dichlorodifluoromethane	ND	10	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
1,3-Dichloropropane	ND	5.0	ug/kg	3.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0

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Client Sample ID: MW-3-20

GC/MS Volatiles

Lot-Sample #...: E4D130301-006 Work Order #...: GD32N1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
		PERCENT	RECOVERY	
SURROGATE	RECOVERY	LIMITS		
Bromofluorobenzene	76	(60 - 130)		
1,2-Dichloroethane-d4	73	(60 - 140)		
Toluene-d8	84	(70 - 130)		

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Client Sample ID: MW-2-5

GC/MS Volatiles

Lot-Sample #...: E4D130301-007 Work Order #...: GD32R1AA Matrix.....: SO  
 Date Sampled...: 04/07/04 16:45 Date Received...: 04/13/04 06:45 MS Run #.....: 4107255  
 Prep Date.....: 04/14/04 Analysis Date...: 04/15/04  
 Prep Batch #...: 4107547 Analysis Time...: 14:11  
 Dilution Factor: 2  
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	2500	ug/kg	800
Benzene	ND	500	ug/kg	200
Bromobenzene	ND	500	ug/kg	140
Bromochloromethane	ND	500	ug/kg	220
Bromoform	ND	500	ug/kg	200
Bromomethane	ND	1000	ug/kg	500
2-Butanone	ND	2500	ug/kg	1400
<b>n-Butylbenzene</b>	<b>2900</b>	<b>500</b>	<b>ug/kg</b>	<b>140</b>
sec-Butylbenzene	ND	500	ug/kg	140
tert-Butylbenzene	ND	500	ug/kg	140
Carbon disulfide	ND	500	ug/kg	240
Carbon tetrachloride	ND	500	ug/kg	200
Chlorobenzene	ND	500	ug/kg	200
Dibromochloromethane	ND	500	ug/kg	220
Bromodichloromethane	ND	500	ug/kg	200
Chloroethane	ND	1000	ug/kg	500
Chloroform	ND	500	ug/kg	140
Chloromethane	ND	1000	ug/kg	400
2-Chlorotoluene	ND	500	ug/kg	140
4-Chlorotoluene	ND	500	ug/kg	140
1,2-Dibromo-3-chloro- propane	ND	1000	ug/kg	300
1,2-Dibromoethane (EDB)	ND	500	ug/kg	140
Dibromomethane	ND	500	ug/kg	220
1,2-Dichlorobenzene	ND	500	ug/kg	200
1,3-Dichlorobenzene	ND	500	ug/kg	140
1,4-Dichlorobenzene	ND	500	ug/kg	200
Dichlorodifluoromethane	ND	1000	ug/kg	340
1,1-Dichloroethane	ND	500	ug/kg	200
1,2-Dichloroethane	ND	500	ug/kg	140
1,1-Dichloroethene	ND	500	ug/kg	240
cis-1,2-Dichloroethene	ND	500	ug/kg	240
trans-1,2-Dichloroethene	ND	500	ug/kg	240
1,2-Dichloropropane	ND	500	ug/kg	200
1,3-Dichloropropane	ND	500	ug/kg	300
2,2-Dichloropropane	ND	500	ug/kg	200
1,1-Dichloropropene	ND	500	ug/kg	200

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## STL SAN FRANCISCO

Client Sample ID: MW-2-5

## GC/MS Volatiles

Lot-Sample #...: E4D130301-007 Work Order #...: GD32R1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	500	ug/kg	200
trans-1,3-Dichloropropene	ND	500	ug/kg	140
<b>Ethylbenzene</b>	<b>7700</b>	<b>500</b>	<b>ug/kg</b>	<b>140</b>
Hexachlorobutadiene	ND	500	ug/kg	140
2-Hexanone	ND	2500	ug/kg	700
<b>Isopropylbenzene</b>	<b>980</b>	<b>500</b>	<b>ug/kg</b>	<b>240</b>
p-Isopropyltoluene	ND	500	ug/kg	140
Methylene chloride	ND	500	ug/kg	100
4-Methyl-2-pentanone	ND	2500	ug/kg	800
Methyl tert-butyl ether	ND	500	ug/kg	200
<b>Naphthalene</b>	<b>7200</b>	<b>500</b>	<b>ug/kg</b>	<b>200</b>
<b>n-Propylbenzene</b>	<b>4400</b>	<b>500</b>	<b>ug/kg</b>	<b>220</b>
Styrene	ND	1000	ug/kg	200
1,1,1,2-Tetrachloroethane	ND	500	ug/kg	120
1,1,2,2-Tetrachloroethane	ND	500	ug/kg	200
Tetrachloroethene	ND	500	ug/kg	160
Toluene	ND	500	ug/kg	120
1,2,3-Trichlorobenzene	ND	500	ug/kg	140
1,2,4-Trichloro- benzene	ND	500	ug/kg	140
1,1,1-Trichloroethane	ND	500	ug/kg	360
1,1,2-Trichloroethane	ND	500	ug/kg	200
Trichloroethene	ND	500	ug/kg	140
Trichlorofluoromethane	ND	1000	ug/kg	140
1,2,3-Trichloropropane	ND	500	ug/kg	220
1,1,2-Trichlorotrifluoro- ethane	ND	500	ug/kg	200
<b>1,2,4-Trimethylbenzene</b>	<b>27000</b>	<b>500</b>	<b>ug/kg</b>	<b>140</b>
<b>1,3,5-Trimethylbenzene</b>	<b>9800</b>	<b>500</b>	<b>ug/kg</b>	<b>240</b>
Vinyl chloride	ND	1000	ug/kg	300
<b>Xylenes (total)</b>	<b>38000</b>	<b>500</b>	<b>ug/kg</b>	<b>360</b>
Vinyl acetate	ND	1000	ug/kg	760
2-Chloroethyl vinyl ether	ND	1000	ug/kg	700
	PERCENT	RECOVERY		
<b>SURROGATE</b>	<b>RECOVERY</b>	<b>LIMITS</b>		
Bromofluorobenzene	84	(55 - 140)		
1,2-Dichloroethane-d4	83	(55 - 140)		
Toluene-d8	90	(55 - 140)		

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Client Sample ID: MW-2-10

GC/MS Volatiles

Lot-Sample #....: E4D130301-008 Work Order #....: GD32V1AA Matrix.....: SO  
 Date Sampled....: 04/07/04 16:55 Date Received...: 04/13/04 06:45 MS Run #.....: 4107255  
 Prep Date.....: 04/14/04 Analysis Date...: 04/15/04  
 Prep Batch #....: 4107547 Analysis Time...: 14:32  
 Dilution Factor: 2  
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP  
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	2500	ug/kg	800
Benzene	ND	500	ug/kg	200
Bromobenzene	ND	500	ug/kg	140
Bromochloromethane	ND	500	ug/kg	220
Bromoform	ND	500	ug/kg	200
Bromomethane	ND	1000	ug/kg	500
2-Butanone	ND	2500	ug/kg	1400
n-Butylbenzene	2100	500	ug/kg	140
sec-Butylbenzene	ND	500	ug/kg	140
tert-Butylbenzene	ND	500	ug/kg	140
Carbon disulfide	ND	500	ug/kg	240
Carbon tetrachloride	ND	500	ug/kg	200
Chlorobenzene	ND	500	ug/kg	200
Dibromochloromethane	ND	500	ug/kg	220
Bromodichloromethane	ND	500	ug/kg	200
Chloroethane	ND	1000	ug/kg	500
Chloroform	ND	500	ug/kg	140
Chloromethane	ND	1000	ug/kg	400
2-Chlorotoluene	ND	500	ug/kg	140
4-Chlorotoluene	ND	500	ug/kg	140
1,2-Dibromo-3-chloro- propane	ND	1000	ug/kg	300
1,2-Dibromoethane (EDB)	ND	500	ug/kg	140
Dibromomethane	ND	500	ug/kg	220
1,2-Dichlorobenzene	ND	500	ug/kg	200
1,3-Dichlorobenzene	ND	500	ug/kg	140
1,4-Dichlorobenzene	ND	500	ug/kg	200
Dichlorodifluoromethane	ND	1000	ug/kg	340
1,1-Dichloroethane	ND	500	ug/kg	200
1,2-Dichloroethane	ND	500	ug/kg	140
1,1-Dichloroethene	ND	500	ug/kg	240
cis-1,2-Dichloroethene	ND	500	ug/kg	240
trans-1,2-Dichloroethene	ND	500	ug/kg	240
1,2-Dichloropropane	ND	500	ug/kg	200
1,3-Dichloropropane	ND	500	ug/kg	300
2,2-Dichloropropane	ND	500	ug/kg	200
1,1-Dichloropropene	ND	500	ug/kg	200

(Continued on next page)

STL SAN FRANCISCO

Client Sample ID: MW-2-10

GC/MS Volatiles

Lot-Sample #...: E4D130301-008 Work Order #...: GD32V1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	500	ug/kg	200
trans-1,3-Dichloropropene	ND	500	ug/kg	140
<b>Ethylbenzene</b>	<b>7200</b>	<b>500</b>	<b>ug/kg</b>	<b>140</b>
Hexachlorobutadiene	ND	500	ug/kg	140
2-Hexanone	ND	2500	ug/kg	700
<b>Isopropylbenzene</b>	<b>770</b>	<b>500</b>	<b>ug/kg</b>	<b>240</b>
p-Isopropyltoluene	ND	500	ug/kg	140
Methylene chloride	ND	500	ug/kg	100
4-Methyl-2-pentanone	ND	2500	ug/kg	800
Methyl tert-butyl ether	ND	500	ug/kg	200
<b>Naphthalene</b>	<b>5000</b>	<b>500</b>	<b>ug/kg</b>	<b>200</b>
<b>n-Propylbenzene</b>	<b>3400</b>	<b>500</b>	<b>ug/kg</b>	<b>220</b>
Styrene	ND	1000	ug/kg	200
1,1,1,2-Tetrachloroethane	ND	500	ug/kg	120
1,1,2,2-Tetrachloroethane	ND	500	ug/kg	200
Tetrachloroethene	ND	500	ug/kg	160
<b>Toluene</b>	<b>1200</b>	<b>500</b>	<b>ug/kg</b>	<b>120</b>
1,2,3-Trichlorobenzene	ND	500	ug/kg	140
1,2,4-Trichloro- benzene	ND	500	ug/kg	140
1,1,1-Trichloroethane	ND	500	ug/kg	360
1,1,2-Trichloroethane	ND	500	ug/kg	200
Trichloroethene	ND	500	ug/kg	140
Trichlorofluoromethane	ND	1000	ug/kg	140
1,2,3-Trichloropropane	ND	500	ug/kg	220
1,1,2-Trichlorotrifluoro- ethane	ND	500	ug/kg	200
<b>1,2,4-Trimethylbenzene</b>	<b>21000</b>	<b>500</b>	<b>ug/kg</b>	<b>140</b>
<b>1,3,5-Trimethylbenzene</b>	<b>7400</b>	<b>500</b>	<b>ug/kg</b>	<b>240</b>
Vinyl chloride	ND	1000	ug/kg	300
<b>Xylenes (total)</b>	<b>39000</b>	<b>500</b>	<b>ug/kg</b>	<b>360</b>
Vinyl acetate	ND	1000	ug/kg	760
2-Chloroethyl vinyl ether	ND	1000	ug/kg	700

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(55 - 140)
1,2-Dichloroethane-d4	89	(55 - 140)
Toluene-d8	92	(55 - 140)





## STL SAN FRANCISCO

Client Sample ID: MW-2-15

## GC/MS Volatiles

Lot-Sample #...: E4D130301-009 Work Order #...: GD32W1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
<b>Ethylbenzene</b>	<b>7.4</b>	<b>5.0</b>	<b>ug/kg</b>	<b>2.0</b>
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
<b>Naphthalene</b>	<b>8.5</b>	<b>5.0</b>	<b>ug/kg</b>	<b>2.0</b>
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
Toluene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
<b>Xylenes (total)</b>	<b>8.2</b>	<b>5.0</b>	<b>ug/kg</b>	<b>3.0</b>
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	76	(60 - 130)
1,2-Dichloroethane-d4	73	(60 - 140)
Toluene-d8	84	(70 - 130)



## STL SAN FRANCISCO

Client Sample ID: MW-2-20

## GC/MS Volatiles

Lot-Sample #...: E4D130301-010 Work Order #...: GD32X1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
<b>Ethylbenzene</b>	<b>6.3</b>	<b>5.0</b>	<b>ug/kg</b>	<b>2.0</b>
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
<b>Methyl tert-butyl ether</b>	<b>120</b>	<b>5.0</b>	<b>ug/kg</b>	<b>1.0</b>
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
Styrene	ND	10	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
Tetrachloroethene	ND	5.0	ug/kg	2.0
<b>Toluene</b>	<b>6.2</b>	<b>5.0</b>	<b>ug/kg</b>	<b>2.0</b>
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	2.0
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0
Trichloroethene	ND	5.0	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	3.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
<b>Xylenes (total)</b>	<b>37</b>	<b>5.0</b>	<b>ug/kg</b>	<b>3.0</b>
Vinyl acetate	ND	10	ug/kg	5.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	77	(60 - 130)
1,2-Dichloroethane-d4	73	(60 - 140)
Toluene-d8	84	(70 - 130)

# QC DATA ASSOCIATION SUMMARY

E4D130301

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	SO	SW846 8260B		4110378	4110184
002	SO	SW846 8260B		4110378	4110184
003	SO	SW846 8260B		4110378	4110184
004	SO	SW846 8260B		4110378	4110184
005	SO	SW846 8260B		4110378	4110184
006	SO	SW846 8260B		4110378	4110184
007	SO	SW846 8260B		4107547	4107255
008	SO	SW846 8260B		4107547	4107255
009	SO	SW846 8260B		4110378	4110184
010	SO	SW846 8260B		4110378	4110184

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D130301  
 MB Lot-Sample #: E4D160000-547  
 Analysis Date...: 04/15/04  
 Dilution Factor: 1

Work Order #...: GECVW1AA  
 Prep Date.....: 04/14/04  
 Prep Batch #...: 4107547  
 Analyst ID.....: 999998

Matrix.....: SOLID  
 Analysis Time...: 13:08  
 Instrument ID...: MSP

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	1200	ug/kg	SW846 8260B
Benzene	ND	250	ug/kg	SW846 8260B
Bromobenzene	ND	250	ug/kg	SW846 8260B
Bromochloromethane	ND	250	ug/kg	SW846 8260B
Bromoform	ND	250	ug/kg	SW846 8260B
Bromomethane	ND	500	ug/kg	SW846 8260B
2-Butanone	ND	1200	ug/kg	SW846 8260B
n-Butylbenzene	ND	250	ug/kg	SW846 8260B
sec-Butylbenzene	ND	250	ug/kg	SW846 8260B
tert-Butylbenzene	ND	250	ug/kg	SW846 8260B
Carbon disulfide	ND	250	ug/kg	SW846 8260B
Carbon tetrachloride	ND	250	ug/kg	SW846 8260B
Chlorobenzene	ND	250	ug/kg	SW846 8260B
Dibromochloromethane	ND	250	ug/kg	SW846 8260B
Bromodichloromethane	ND	250	ug/kg	SW846 8260B
Chloroethane	ND	500	ug/kg	SW846 8260B
Chloroform	ND	250	ug/kg	SW846 8260B
Chloromethane	ND	500	ug/kg	SW846 8260B
2-Chlorotoluene	ND	250	ug/kg	SW846 8260B
4-Chlorotoluene	ND	250	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	500	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	250	ug/kg	SW846 8260B
Dibromomethane	ND	250	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	250	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	500	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	250	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	250	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	250	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	250	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	250	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	250	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	250	ug/kg	SW846 8260B
Ethylbenzene	ND	250	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D130301

Work Order #...: GECVW1AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Hexachlorobutadiene	ND	250	ug/kg	SW846 8260B
2-Hexanone	ND	1200	ug/kg	SW846 8260B
Isopropylbenzene	ND	250	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	250	ug/kg	SW846 8260B
Methylene chloride	ND	250	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	1200	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	250	ug/kg	SW846 8260B
Naphthalene	ND	250	ug/kg	SW846 8260B
n-Propylbenzene	ND	250	ug/kg	SW846 8260B
Styrene	ND	500	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	SW846 8260B
Tetrachloroethene	ND	250	ug/kg	SW846 8260B
Toluene	ND	250	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	250	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	250	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	250	ug/kg	SW846 8260B
Trichloroethene	ND	250	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	500	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	250	ug/kg	SW846 8260B
1,1,2-Trichlorotrifluoro- ethane	ND	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	250	ug/kg	SW846 8260B
Vinyl chloride	ND	500	ug/kg	SW846 8260B
Xylenes (total)	ND	250	ug/kg	SW846 8260B
Vinyl acetate	ND	500	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	500	ug/kg	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	97	(55 - 140)
1,2-Dichloroethane-d4	101	(55 - 140)
Toluene-d8	105	(55 - 140)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D130301  
 MB Lot-Sample #: E4D190000-378  
 Analysis Date...: 04/16/04  
 Dilution Factor: 1

Work Order #...: GEFJA1AA  
 Prep Date.....: 04/16/04  
 Prep Batch #...: 4110378  
 Analyst ID.....: 999998

Matrix.....: SOLID  
 Analysis Time...: 09:47  
 Instrument ID...: MSP

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	25	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro- propane	ND	10	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D130301

Work Order #...: GEFJA1AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Naphthalene	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro- benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichlorotrifluoro- ethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	79	(60 - 130)
1,2-Dichloroethane-d4	77	(60 - 140)
Toluene-d8	85	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.



LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GECVW1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E4D160000-547  
 Prep Date.....: 04/14/04      Analysis Date...: 04/15/04  
 Prep Batch #...: 4107547      Analysis Time...: 12:26  
 Dilution Factor: 1      Instrument ID...: MSP  
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	96	(60 - 135)	SW846 8260B
Chlorobenzene	98	(60 - 125)	SW846 8260B
1,1-Dichloroethene	101	(55 - 130)	SW846 8260B
Toluene	100	(60 - 125)	SW846 8260B
Trichloroethene	99	(60 - 140)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	98	(55 - 140)
1,2-Dichloroethane-d4	99	(55 - 140)
Toluene-d8	102	(55 - 140)

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GECVW1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E4D160000-547  
 Prep Date.....: 04/14/04      Analysis Date...: 04/15/04  
 Prep Batch #...: 4107547      Analysis Time...: 12:26  
 Dilution Factor: 1      Instrument ID...: MSP  
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
Benzene	2500	2400	ug/kg	96	SW846 8260B
Chlorobenzene	2500	2440	ug/kg	98	SW846 8260B
1,1-Dichloroethene	2500	2520	ug/kg	101	SW846 8260B
Toluene	2500	2490	ug/kg	100	SW846 8260B
Trichloroethene	2500	2480	ug/kg	99	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	98	(55 - 140)
1,2-Dichloroethane-d4	99	(55 - 140)
Toluene-d8	102	(55 - 140)

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GEFJA1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E4D190000-378  
 Prep Date.....: 04/16/04      Analysis Date...: 04/16/04  
 Prep Batch #...: 4110378      Analysis Time...: 09:26  
 Dilution Factor: 1      Instrument ID...: MSP  
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	109	(70 - 130)	SW846 8260B
Chlorobenzene	106	(70 - 130)	SW846 8260B
1,1-Dichloroethene	118	(65 - 150)	SW846 8260B
Toluene	106	(70 - 130)	SW846 8260B
Trichloroethene	105	(70 - 135)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	84	(60 - 130)
1,2-Dichloroethane-d4	79	(60 - 140)
Toluene-d8	90	(60 - 130)

**NOTE(S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.  
 Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GEFJA1AC      Matrix.....: SOLID  
 LCS Lot-Sample#: E4D190000-378  
 Prep Date.....: 04/16/04      Analysis Date...: 04/16/04  
 Prep Batch #...: 4110378      Analysis Time...: 09:26  
 Dilution Factor: 1      Instrument ID...: MSP  
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
Benzene	50.0	54.6	ug/kg	109	SW846 8260B
Chlorobenzene	50.0	52.9	ug/kg	106	SW846 8260B
1,1-Dichloroethene	50.0	59.1	ug/kg	118	SW846 8260B
Toluene	50.0	52.9	ug/kg	106	SW846 8260B
Trichloroethene	50.0	52.6	ug/kg	105	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	84	(60 - 130)
1,2-Dichloroethane-d4	79	(60 - 140)
Toluene-d8	90	(60 - 130)

**NOTE (S) :**

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GD32V1AC-MS      Matrix.....: SO  
 MS Lot-Sample #: E4D130301-008      GD32V1AD-MSD  
 Date Sampled...: 04/07/04 16:55      Date Received...: 04/13/04 06:45      MS Run #.....: 4107255  
 Prep Date.....: 04/14/04      Analysis Date...: 04/15/04  
 Prep Batch #...: 4107547      Analysis Time...: 14:53  
 Dilution Factor: 2      Analyst ID.....: 999998      Instrument ID...: MSP

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	87	(60 - 135)			SW846 8260B
	90	(60 - 135)	4.3	(0-35)	SW846 8260B
Chlorobenzene	88	(60 - 125)			SW846 8260B
	92	(60 - 125)	4.0	(0-35)	SW846 8260B
1,1-Dichloroethene	93	(55 - 130)			SW846 8260B
	96	(55 - 130)	2.8	(0-35)	SW846 8260B
Toluene	65	(60 - 125)			SW846 8260B
	55 a, MSC	(60 - 125)	9.9	(0-35)	SW846 8260B
Trichloroethene	90	(60 - 140)			SW846 8260B
	94	(60 - 140)	4.3	(0-35)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(55 - 140)
	89	(55 - 140)
1,2-Dichloroethane-d4	87	(55 - 140)
	89	(55 - 140)
Toluene-d8	88	(55 - 140)
	93	(55 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.  
 Bold print denotes control parameters  
 a Spiked analyte recovery is outside stated control limits.  
 MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GD32V1AC-MS      Matrix.....: SO  
 MS Lot-Sample #: E4D130301-008      GD32V1AD-MSD  
 Date Sampled...: 04/07/04 16:55      Date Received...: 04/13/04 06:45      MS Run #.....: 4107255  
 Prep Date.....: 04/14/04      Analysis Date...: 04/15/04  
 Prep Batch #...: 4107547      Analysis Time...: 14:53  
 Dilution Factor: 2      Analyst ID.....: 999998      Instrument ID...: MSP

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	ND	2500	2160	ug/kg	87		SW846 8260B
	ND	2500	2260	ug/kg	90	4.3	SW846 8260B
Chlorobenzene	ND	2500	2200	ug/kg	88		SW846 8260B
	ND	2500	2290	ug/kg	92	4.0	SW846 8260B
1,1-Dichloroethene	ND	2500	2330	ug/kg	93		SW846 8260B
	ND	2500	2400	ug/kg	96	2.8	SW846 8260B
Toluene	1200	2500	2780	ug/kg	65		SW846 8260B
	1200	2500	2520	ug/kg	55	9.9	SW846 8260B
Qualifiers: a, MSC							
Trichloroethene	ND	2500	2240	ug/kg	90		SW846 8260B
	ND	2500	2340	ug/kg	94	4.3	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(55 - 140)
	89	(55 - 140)
1,2-Dichloroethane-d4	87	(55 - 140)
	89	(55 - 140)
Toluene-d8	88	(55 - 140)
	93	(55 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GD32F1AC-MS      Matrix.....: SO  
 MS Lot-Sample #: E4D130301-001      GD32F1AD-MSD  
 Date Sampled...: 04/07/04 08:20      Date Received...: 04/13/04 06:45      MS Run #.....: 4110184  
 Prep Date.....: 04/16/04      Analysis Date...: 04/16/04  
 Prep Batch #...: 4110378      Analysis Time...: 16:25  
 Dilution Factor: 1      Analyst ID.....: 999998      Instrument ID...: MSP

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
Benzene	124	(70 - 130)			SW846 8260B
	136 a	(70 - 130)	9.4	(0-30)	SW846 8260B
Chlorobenzene	118	(70 - 130)			SW846 8260B
	130	(70 - 130)	9.8	(0-30)	SW846 8260B
1,1-Dichloroethene	216 a, MSC	(65 - 150)			SW846 8260B
	250 a, MSC	(65 - 150)	14	(0-30)	SW846 8260B
Toluene	138 a, MSC	(70 - 130)			SW846 8260B
	157 a, MSC	(70 - 130)	13	(0-30)	SW846 8260B
Trichloroethene	134	(70 - 135)			SW846 8260B
	151 a, MSC	(70 - 135)	12	(0-30)	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	92	(60 - 130)
	91	(60 - 130)
1,2-Dichloroethane-d4	53 *	(60 - 140)
	49 *	(60 - 140)
Toluene-d8	101	(70 - 130)
	108	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

\* Surrogate recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4D130301      Work Order #...: GD32F1AC-MS      Matrix.....: SO  
 MS Lot-Sample #: E4D130301-001      GD32F1AD-MSD  
 Date Sampled...: 04/07/04 08:20      Date Received...: 04/13/04 06:45      MS Run #.....: 4110184  
 Prep Date.....: 04/16/04      Analysis Date...: 04/16/04  
 Prep Batch #...: 4110378      Analysis Time...: 16:25  
 Dilution Factor: 1      Analyst ID.....: 999998      Instrument ID...: MSP

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Benzene	ND	50.0	62.0	ug/kg	124		SW846 8260B
	ND	50.0	68.2	ug/kg	136 a	9.4	SW846 8260B
Chlorobenzene	ND	50.0	58.9	ug/kg	118		SW846 8260B
	ND	50.0	65.0	ug/kg	130	9.8	SW846 8260B
1,1-Dichloroethene	ND	50.0	108	ug/kg	216		SW846 8260B
	ND	Qualifiers: a,MSC		50.0	125	14	SW846 8260B
Toluene	ND	50.0	68.9	ug/kg	138		SW846 8260B
	ND	Qualifiers: a,MSC		50.0	78.6	13	SW846 8260B
Trichloroethene	ND	50.0	66.8	ug/kg	134		SW846 8260B
	ND	50.0	75.4	ug/kg	151	12	SW846 8260B
		Qualifiers: a,MSC					

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	92	(60 - 130)
	91	(60 - 130)
1,2-Dichloroethane-d4	53 *	(60 - 140)
	49 *	(60 - 140)
Toluene-d8	101	(70 - 130)
	108	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

\* Surrogate recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.



2004-04-0263

84620

P. 1 of 2

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS RECORD

Transmit results to office checked below:

33233 South Koster Road, Tracy, CA 95304  
Voice: (209) 832-2910 Fax: (209) 833-1288

1120 Hollywood Ave. No. 3, Oakland, CA 94602  
Voice (510) 336-9118 Fax: (510) 336-9119

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: 0004.082 Project Mgr.: DJW  
Sampling Team: SF

Laboratory: **STL San Francisco**  
Carrier: **The San Joaquin Company Inc.**

Waybill No.:           n/a          

Site Global I.D. No.: n/a

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
MW-3-5	Soil	MW-3	n.a.	n.a.	04/7/04	08:20	TPH (d) + mineral spirits TPH (g) + BTEX volatile organ. compounds by 8260 PNA's, method 8270	
MW-3-10	"	"				08:35		
MW-6-5	"	MW-6				11:20		
MW-6-10	"	"				11:30		
MW-3-14	"	MW-3				14:05		
MW-3-20	"	"				14:20		
MW-2-5	"	MW-2				16:45		
MW-2-10	"	"				16:55		
MW-2-15	"	"				17:00		
MW-2-20	"	"				17:10		

Sample Hazards: Low to moderate concentrations of fuel hydrocarbons and solvents Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville (Emeryville Corners) Agreement.

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	D.J. Warkus	San Joaquin Co	—	—	04/06/04	11:04	[Signature]
Received/ Relinquished by:	<hr/>						
Received/ Relinquished by:	<hr/>						
Received/ Relinquished by:	<hr/>						
Received at Laboratory by:	M. VILLANUEVA	STL-SF	04/08/04	11:04	—	—	[Signature]



San Joaquin Company, Inc.

May 05, 2004

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459

Attn.: Dai Watkins

Project#: 0004-082

Project: Bay Rock- Oak Walk Emeryville

Dear Dai,

Attached is our report for your samples received on 04/08/2004 13:09

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/23/2004 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: [vvancil@stl-inc.com](mailto:vvancil@stl-inc.com)

Sincerely,



Vincent Vancil  
Project Manager

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](http://www.stl-inc.com) \* CA DHS ELAP# 2496

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 13:09

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-6-20.0	04/07/2004 11:45	Soil	1
MW-7-20.0	04/06/2004 15:30	Soil	2
MW-8-20.0	04/07/2004 08:50	Soil	3

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 13:09

Prep(s): 5035 Test(s): 8260B  
Sample ID: MW-6-20.0 Lab ID: 2004-04-0862 - 1  
Sampled: 04/07/2004 11:45 Extracted: 5/1/2004 13:38  
Matrix: Soil QC Batch#: 2004/05/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Acetone	ND	50	ug/Kg	1.00	05/01/2004 13:38	
Benzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Bromochloromethane	ND	20	ug/Kg	1.00	05/01/2004 13:38	
Bromoform	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Bromomethane	ND	10	ug/Kg	1.00	05/01/2004 13:38	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/01/2004 13:38	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Chloroethane	ND	10	ug/Kg	1.00	05/01/2004 13:38	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/01/2004 13:38	
Chloroform	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Chloromethane	ND	10	ug/Kg	1.00	05/01/2004 13:38	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/01/2004 13:38	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/01/2004 13:38	

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

05/03/2004 16:09

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

 1120 Hollywood Ave, Suite 3  
 Oakland, CA 94602-1459  
 Phone: (510) 336-1772 Fax: (510) 336-9119

 Project: 0004-082  
 Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 13:09

Prep(s):	5035	Test(s):	8260B
Sample ID:	MW-6-20.0	Lab ID:	2004-04-0862 - 1
Sampled:	04/07/2004 11:45	Extracted:	5/1/2004 13:38
Matrix:	Soil	QC Batch#:	2004/05/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/01/2004 13:38	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/01/2004 13:38	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
2-Hexanone	ND	50	ug/Kg	1.00	05/01/2004 13:38	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Methylene chloride	ND	10	ug/Kg	1.00	05/01/2004 13:38	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/01/2004 13:38	
Naphthalene	ND	10	ug/Kg	1.00	05/01/2004 13:38	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Styrene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Toluene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	

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

05/03/2004 16:09

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 13:09

Prep(s): 5035 Test(s): 8260B  
Sample ID: MW-6-20.0 Lab ID: 2004-04-0862 - 1  
Sampled: 04/07/2004 11:45 Extracted: 5/1/2004 13:38  
Matrix: Soil QC Batch#: 2004/05/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Vinyl acetate	ND	50	ug/Kg	1.00	05/01/2004 13:38	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
Total xylenes	ND	5.0	ug/Kg	1.00	05/01/2004 13:38	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	93.5	74-121	%	1.00	05/01/2004 13:38	
1,2-Dichloroethane-d4	100.8	70-121	%	1.00	05/01/2004 13:38	
Toluene-d8	106.3	81-117	%	1.00	05/01/2004 13:38	

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

05/03/2004 16:09

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW-7-20.0 Lab ID: 2004-04-0862 - 2  
 Sampled: 04/06/2004 15:30 Extracted: 5/1/2004 14:04  
 Matrix: Soil QC Batch#: 2004/05/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Acetone	ND	50	ug/Kg	1.00	05/01/2004 14:04	
Benzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Bromochloromethane	ND	20	ug/Kg	1.00	05/01/2004 14:04	
Bromoform	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Bromomethane	ND	10	ug/Kg	1.00	05/01/2004 14:04	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/01/2004 14:04	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Chloroethane	ND	10	ug/Kg	1.00	05/01/2004 14:04	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/01/2004 14:04	
Chloroform	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Chloromethane	ND	10	ug/Kg	1.00	05/01/2004 14:04	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/01/2004 14:04	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/01/2004 14:04	

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

05/03/2004 16:09



**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

Prep(s):	5035	Test(s):	8260B
Sample ID:	MW-7-20.0	Lab ID:	2004-04-0862 - 2
Sampled:	04/06/2004 15:30	Extracted:	5/1/2004 14:04
Matrix:	Soil	QC Batch#:	2004/05/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/01/2004 14:04	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/01/2004 14:04	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
2-Hexanone	ND	50	ug/Kg	1.00	05/01/2004 14:04	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Methylene chloride	ND	10	ug/Kg	1.00	05/01/2004 14:04	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/01/2004 14:04	
Naphthalene	ND	10	ug/Kg	1.00	05/01/2004 14:04	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Styrene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Toluene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	

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

05/03/2004 16:09

## Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
Sample ID: MW-7-20.0 Lab ID: 2004-04-0862 - 2  
Sampled: 04/06/2004 15:30 Extracted: 5/1/2004 14:04  
Matrix: Soil QC Batch#: 2004/05/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Vinyl acetate	ND	50	ug/Kg	1.00	05/01/2004 14:04	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
Total xylenes	ND	5.0	ug/Kg	1.00	05/01/2004 14:04	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	91.5	74-121	%	1.00	05/01/2004 14:04	
1,2-Dichloroethane-d4	95.9	70-121	%	1.00	05/01/2004 14:04	
Toluene-d8	98.8	81-117	%	1.00	05/01/2004 14:04	

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

05/03/2004 16:09

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 13:09

Prep(s): 5035 Test(s): 8260B  
Sample ID: MW-8-20.0 Lab ID: 2004-04-0862 - 3  
Sampled: 04/07/2004 08:50 Extracted: 5/1/2004 14:31  
Matrix: Soil QC Batch#: 2004/05/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Acetone	ND	50	ug/Kg	1.00	05/01/2004 14:31	
Benzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Bromochloromethane	ND	20	ug/Kg	1.00	05/01/2004 14:31	
Bromoform	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Bromomethane	ND	10	ug/Kg	1.00	05/01/2004 14:31	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/01/2004 14:31	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Chloroethane	ND	10	ug/Kg	1.00	05/01/2004 14:31	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/01/2004 14:31	
Chloroform	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Chloromethane	ND	10	ug/Kg	1.00	05/01/2004 14:31	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/01/2004 14:31	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/01/2004 14:31	

Severn Trent Laboratories, Inc.

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

05/03/2004 16:09

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

 1120 Hollywood Ave, Suite 3  
 Oakland, CA 94602-1459  
 Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

Prep(s):	5035	Test(s):	8260B
Sample ID:	MW-8-20.0	Lab ID:	2004-04-0862 - 3
Sampled:	04/07/2004 08:50	Extracted:	5/1/2004 14:31
Matrix:	Soil	QC Batch#:	2004/05/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/01/2004 14:31	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/01/2004 14:31	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
2-Hexanone	ND	50	ug/Kg	1.00	05/01/2004 14:31	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Methylene chloride	ND	10	ug/Kg	1.00	05/01/2004 14:31	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/01/2004 14:31	
Naphthalene	ND	10	ug/Kg	1.00	05/01/2004 14:31	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Styrene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Toluene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	

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

05/03/2004 16:09

## Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119Project: 0004-082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 13:09

Prep(s):	5035	Test(s):	8260B
Sample ID:	MW-8-20.0	Lab ID:	2004-04-0862 - 3
Sampled:	04/07/2004 08:50	Extracted:	5/1/2004 14:31
Matrix:	Soil	QC Batch#:	2004/05/01-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Vinyl acetate	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
Total xylenes	ND	5.0	ug/Kg	1.00	05/01/2004 14:31	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	93.3	74-121	%	1.00	05/01/2004 14:31	
1,2-Dichloroethane-d4	98.4	70-121	%	1.00	05/01/2004 14:31	
Toluene-d8	101.6	81-117	%	1.00	05/01/2004 14:31	

Severn Trent Laboratories, Inc.

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05/03/2004 16:09

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082  
Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 13:09

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2004/05/01-01.09-004

Soil

Test(s): 8260B  
QC Batch # 2004/05/01-01.09

Date Extracted: 05/01/2004 09:41

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	05/01/2004 09:41	
Acetone	ND	50	ug/Kg	05/01/2004 09:41	
Benzene	ND	5.0	ug/Kg	05/01/2004 09:41	
Bromodichloromethane	ND	5.0	ug/Kg	05/01/2004 09:41	
Bromobenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
Bromochloromethane	ND	20	ug/Kg	05/01/2004 09:41	
Bromoform	ND	5.0	ug/Kg	05/01/2004 09:41	
Bromomethane	ND	10	ug/Kg	05/01/2004 09:41	
2-Butanone(MEK)	ND	50	ug/Kg	05/01/2004 09:41	
n-Butylbenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
sec-Butylbenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
tert-Butylbenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
Carbon disulfide	ND	5.0	ug/Kg	05/01/2004 09:41	
Carbon tetrachloride	ND	5.0	ug/Kg	05/01/2004 09:41	
Chlorobenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
Chloroethane	ND	10	ug/Kg	05/01/2004 09:41	
2-Chloroethylvinyl ether	ND	50	ug/Kg	05/01/2004 09:41	
Chloroform	ND	5.0	ug/Kg	05/01/2004 09:41	
Chloromethane	ND	10	ug/Kg	05/01/2004 09:41	
2-Chlorotoluene	ND	5.0	ug/Kg	05/01/2004 09:41	
4-Chlorotoluene	ND	5.0	ug/Kg	05/01/2004 09:41	
Dibromochloromethane	ND	5.0	ug/Kg	05/01/2004 09:41	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
1,3-Dichloropropane	ND	5.0	ug/Kg	05/01/2004 09:41	
2,2-Dichloropropane	ND	5.0	ug/Kg	05/01/2004 09:41	
1,1-Dichloropropene	ND	5.0	ug/Kg	05/01/2004 09:41	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	05/01/2004 09:41	
1,2-Dibromoethane	ND	10	ug/Kg	05/01/2004 09:41	

Severn Trent Laboratories, Inc.

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

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05/03/2004 16:09

## Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

## Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/05/01-01.09

MB: 2004/05/01-01.09-004

Date Extracted: 05/01/2004 09:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	05/01/2004 09:41	
Dichlorodifluoromethane	ND	10	ug/Kg	05/01/2004 09:41	
1,1-Dichloroethane	ND	5.0	ug/Kg	05/01/2004 09:41	
1,2-Dichloroethane	ND	5.0	ug/Kg	05/01/2004 09:41	
1,1-Dichloroethene	ND	5.0	ug/Kg	05/01/2004 09:41	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/01/2004 09:41	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/01/2004 09:41	
1,2-Dichloropropane	ND	5.0	ug/Kg	05/01/2004 09:41	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/01/2004 09:41	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/01/2004 09:41	
Ethylbenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
Hexachlorobutadiene	ND	5.0	ug/Kg	05/01/2004 09:41	
2-Hexanone	ND	50	ug/Kg	05/01/2004 09:41	
Isopropylbenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
p-Isopropyltoluene	ND	5.0	ug/Kg	05/01/2004 09:41	
Methylene chloride	ND	10	ug/Kg	05/01/2004 09:41	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	05/01/2004 09:41	
Naphthalene	ND	10	ug/Kg	05/01/2004 09:41	
n-Propylbenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
Styrene	ND	5.0	ug/Kg	05/01/2004 09:41	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	05/01/2004 09:41	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	05/01/2004 09:41	
Tetrachloroethene	ND	5.0	ug/Kg	05/01/2004 09:41	
Toluene	ND	5.0	ug/Kg	05/01/2004 09:41	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/01/2004 09:41	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/01/2004 09:41	
Trichloroethene	ND	5.0	ug/Kg	05/01/2004 09:41	
Trichlorofluoromethane	ND	5.0	ug/Kg	05/01/2004 09:41	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/01/2004 09:41	

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

05/03/2004 16:09

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2004/05/01-01.09-004

Soil

Test(s): 8260B

QC Batch # 2004/05/01-01.09

Date Extracted: 05/01/2004 09:41

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	05/01/2004 09:41	
Vinyl acetate	ND	50	ug/Kg	05/01/2004 09:41	
Vinyl chloride	ND	5.0	ug/Kg	05/01/2004 09:41	
Total xylenes	ND	5.0	ug/Kg	05/01/2004 09:41	
<b>Surrogates(s)</b>					
4-Bromofluorobenzene	95.6	74-121	%	05/01/2004 09:41	
1,2-Dichloroethane-d4	96.4	70-121	%	05/01/2004 09:41	
Toluene-d8	100.6	81-117	%	05/01/2004 09:41	

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

05/03/2004 16:09

Page 13 of 14



**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/05/01-01.09**

LCS 2004/05/01-01.09-002

Extracted: 05/01/2004

Analyzed: 05/01/2004 08:37

LCSD 2004/05/01-01.09-003

Extracted: 05/01/2004

Analyzed: 05/01/2004 09:14

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	104	102	100.0	104.0	102.0	1.9	69-129	20		
Chlorobenzene	104	103	100.0	104.0	103.0	1.0	61-121	20		
1,1-Dichloroethene	78.2	74.7	100.0	78.2	74.7	4.6	65-125	20		
Toluene	102	94.6	100.0	102.0	94.6	7.5	70-130	20		
Trichloroethene	104	97.9	100.0	104.0	97.9	6.0	74-134	20		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene	475	496	500	95.0	99.2		74-121			
1,2-Dichloroethane-d4	478	485	500	95.6	97.0		70-121			
Toluene-d8	501	510	500	100.2	102.0		81-117			

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

05/03/2004 16:09

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW-6-20.0	04/07/2004 11:45	Soil	1
MW-7-20.0	04/06/2004 15:30	Soil	2
MW-8-20.0	04/07/2004 08:50	Soil	3

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

A part of Severn Trent Plc

05/04/2004 16:09

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

Prep(s): 3550B/8270C                      Test(s): 8270C  
 Sample ID: MW-6-20.0                      Lab ID: 2004-04-0862 - 1  
 Sampled: 04/07/2004 11:45                      Extracted: 4/30/2004 09:18  
 Matrix: Soil                                      QC Batch#: 2004/04/30-01.11  
 Analysis Flag: HT. ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Fluorene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Anthracene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Pyrene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Chrysene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/30/2004 18:51	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	72.9	23-120	%	1.00	04/30/2004 18:51	
2-Fluorobiphenyl	88.0	30-115	%	1.00	04/30/2004 18:51	
p-Terphenyl-d14	106.2	18-137	%	1.00	04/30/2004 18:51	

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

Prep(s): 3550B/8270C                      Test(s): 8270C  
 Sample ID: **MW-7-20.0**                      Lab ID: 2004-04-0862 - 2  
 Sampled: 04/06/2004 15:30                      Extracted: 4/30/2004 09:18  
 Matrix: Soil                                      QC Batch#: 2004/04/30-01.11  
 Analysis Flag: HT ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Fluorene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Anthracene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Pyrene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Chrysene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/30/2004 18:23	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	88.7	23-120	%	1.00	04/30/2004 18:23	
2-Fluorobiphenyl	84.4	30-115	%	1.00	04/30/2004 18:23	
p-Terphenyl-d14	106.8	18-137	%	1.00	04/30/2004 18:23	

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

05/04/2004 16:09

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

Prep(s): 3550B/8270C      Test(s): 8270C  
 Sample ID: **MW-8-20.0**      Lab ID: 2004-04-0862 - 3  
 Sampled: 04/07/2004 08:50      Extracted: 4/30/2004 09:18  
 Matrix: Soil      QC Batch#: 2004/04/30-01.11  
 Analysis Flag: HT ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Fluorene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Anthracene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Pyrene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Chrysene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/30/2004 15:02	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	83.1	23-120	%	1.00	04/30/2004 15:02	
2-Fluorobiphenyl	88.8	30-115	%	1.00	04/30/2004 15:02	
p-Terphenyl-d14	109.6	18-137	%	1.00	04/30/2004 15:02	

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

05/04/2004 16:09

Page 4 of 8

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

**Batch QC Report**

Prep(s): 3550B/8270C

Test(s): 8270C

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/04/30-01.11**

LCS 2004/04/30-01.11-002

Extracted: 04/30/2004

Analyzed: 04/30/2004 17:25

LCSD 2004/04/30-01.11-003

Extracted: 04/30/2004

Analyzed: 05/03/2004 11:48

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Acenaphthene	0.760	0.440	0.990	76.8	44.3	53.7	49-102	30		,orpd
Pyrene	1.03	0.910	0.990	104.0	91.5	12.8	25-117	35		
<b>Surrogates(s)</b>										
Nitrobenzene-d5	16.5	10.8	25	66.0	43.2		23-120			
2-Fluorobiphenyl	20.8	12.0	25	83.2	48.0		30-115			
p-Terphenyl-d14	28.3	26.7	25	113.2	106.7		18-137			

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

05/04/2004 16:09

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Received: 04/08/2004 13:09

Bay Rock- Oak Walk Emeryville

**Batch QC Report**

Prep(s): 3550B/8270C

Test(s): 8270C

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2004/04/30-01.11**

MW-8-20.0 >> MS

Lab ID: 2004-04-0862 - 003

MS: 2004/04/30-01.11-007

Extracted: 04/30/2004

Analyzed: 04/30/2004 15:30

Dilution: 1.00

MSD: 2004/04/30-01.11-008

Extracted: 04/30/2004

Analyzed: 04/30/2004 15:59

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Acenaphthene	0.790	0.730	ND	0.997	79.2	73.6	7.3	49-102	30		
Pyrene	0.890	0.930	ND	0.997	89.3	93.8	4.9	25-117	35		
<b>Surrogate(s)</b>											
Nitrobenzene-d5	15.7	13.0		25	62.8	51.9		23-120			
2-Fluorobiphenyl	21.7	18.1		25	86.7	72.4		30-115			
p-Terphenyl-d14	26.4	25.5		25	105.5	101.9		18-137			

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

05/04/2004 16:09

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004-082

Bay Rock- Oak Walk Emeryville

Received: 04/08/2004 13:09

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**Legend and Notes**

---

**QC Sample Comment**

Lab ID: LCSD 2004/04/30/01.11-3

orpd - RPD is outside of control limit.

**Analysis Flag**

HT

Extracted out of holding time



2004-04-0862

SEVERN  
TRENT  
**STL**

STL San Francisco  
ADD ON/CHANGE  
ORDER

New Submission No.: \_\_\_\_\_

Reference No.: 85257

ORIGINAL SUBMISSION INFORMATION

Name of Caller: Emailed by Dai Watkins

Bill To: San Joaquin Co.

Client Name: San Joaquin Co.

Call Date: 04/27/04

Attn.: \_\_\_\_\_

Project Mgr.: Dai Watkins

Add on Due Date: 5 DAYS TAT - 05-04-04 Comments: Add on fr diff.

Project Name: Bay Rock - Oak Walk Emeryville

sub

Project No.: 0004-082

PO#: \_\_\_\_\_

Date Received: 04-28-2004

ANALYSIS REQUEST

Submission No.: \_\_\_\_\_

Sample ID	Date	Time	Mat rix	Prev. Spl. #	TPH EPA - <input type="checkbox"/> 8015/8021 <input type="checkbox"/> 8260B <input type="checkbox"/> Gas w/ <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE	Purgeable Aromatics BTEX EPA - <input type="checkbox"/> 8021 <input type="checkbox"/> 8260B	TEPH (EPA 8015M) <input type="checkbox"/> Silica Gel <input type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other	Fuel Tests EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> Five Oxygenates <input type="checkbox"/> DCA <input type="checkbox"/> EB08 <input type="checkbox"/> Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) <input type="checkbox"/> EPA 8260B <input type="checkbox"/> 624	Semivolatiles GC/MS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 625	Oil & Grease <input type="checkbox"/> Petroleum (EPA 1664) <input type="checkbox"/> Total	<input type="checkbox"/> Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> 608 <input type="checkbox"/> PCBs <input type="checkbox"/> EPA 8082 <input type="checkbox"/> 608	<input type="checkbox"/> INAS by 8270 <input type="checkbox"/> 8310	CAM 17 Metals (EPA 601/7470/7471)	Metals: <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other	Low Level Metals by EPA 200.8/6020 (ICP-MS):	<input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> TCLP	Hexavalent Chromium pH (24h hold time for H <sub>2</sub> O)	Spec Cond. <input type="checkbox"/> Alkalinity TSS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO <sub>4</sub> <input type="checkbox"/> NO <sub>3</sub> <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO <sub>2</sub> <input type="checkbox"/> PO <sub>4</sub>	NUMBER OF CONTAINERS		
(4-08) MW-6-20.0	04-07	11:45		14						X				X									2004-04-0263	
(4-09) MW-7-20.0	04-06	15:30		18						X				X										04-0176
(4-07) MW-8- <del>18.0</del> 20.0	04-07	8:50		12						X				X										04- <del>0257</del> 0263
(mw 8-20.0)																								

REVD  
↓ 48  
(4-08)  
(4-09)  
(4-07)

San Joaquin Company, Inc.

May 11, 2004

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459

Attn.: Dai Watkins

Project#: 0004.082

Project: Bay Rock - Oak Walk Emeryville

Dear Dai,

Attached is our report for your samples received on 04/30/2004 16:25

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 06/14/2004 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: [vvancil@stl-inc.com](mailto:vvancil@stl-inc.com)

Sincerely,



Vincent Vancil  
Project Manager

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](http://www.stl-inc.com) \* CA DHS ELAP# 2496

## Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

## Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW5-6.0	04/30/2004 09:40	Soil	1
MW5-10.0	04/30/2004 09:45	Soil	2
MW5-15.5	04/30/2004 09:50	Soil	3
MW5-19.5	04/30/2004 09:55	Soil	4
MW4-5.5	04/30/2004 11:55	Soil	5
MW4-10.5	04/30/2004 12:05	Soil	6
MW4-15.5	04/30/2004 12:10	Soil	7
MW4-19.5	04/30/2004 12:15	Soil	8

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

05/10/2004 17:09

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MW5-6.0	Lab ID: 2004-05-0016 - 1
Sampled: 04/30/2004 09:40	Extracted: 5/7/2004 13:27
Matrix: Soil	QC Batch#: 2004/05/07-10.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/08/2004 13:08	
Mineral spirits	ND	10	mg/Kg	1.00	05/08/2004 13:08	
<b>Surrogate(s)</b>						
o-Terphenyl	82.3	60-130	%	1.00	05/08/2004 13:08	

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

05/10/2004 17:09

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	MW5-10.0	Lab ID:	2004-05-0016 - 2
Sampled:	04/30/2004 09:45	Extracted:	5/7/2004 13:27
Matrix:	Soil	QC Batch#:	2004/05/07-10.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/08/2004 13:39	
Mineral spirits	27	10	mg/Kg	1.00	05/08/2004 13:39	
<b>Surrogate(s)</b> o-Terphenyl	91.3	60-130	%	1.00	05/08/2004 13:39	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 3550/8015M      Test(s): 8015M  
Sample ID: MW5-15.5      Lab ID: 2004-05-0016 - 3  
Sampled: 04/30/2004 09:50      Extracted: 5/7/2004 13:27  
Matrix: Soil      QC Batch#: 2004/05/07-10.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/08/2004 14:10	
Mineral spirits	ND	10	mg/Kg	1.00	05/08/2004 14:10	
<b>Surrogate(s)</b> o-Terphenyl	76.7	60-130	%	1.00	05/08/2004 14:10	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

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Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 3550/8015M

Test(s): 8015M

Sample ID: MW5-19.5

Lab ID: 2004-05-0016 - 4

Sampled: 04/30/2004 09:55

Extracted: 5/5/2004 11:07

Matrix: Soil

QC Batch#: 2004/05/05-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/06/2004 20:14	
Mineral spirits	ND	10	mg/Kg	1.00	05/06/2004 20:14	
<b>Surrogate(s)</b>						
o-Terphenyl	84.0	60-130	%	1.00	05/06/2004 20:14	

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

05/10/2004 17:09

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MW4-5.5	Lab ID: 2004-05-0016 - 5
Sampled: 04/30/2004 11:55	Extracted: 5/7/2004 13:27
Matrix: Soil	QC Batch#: 2004/05/07-10:10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/08/2004 15:42	
Mineral spirits	ND	10	mg/Kg	1.00	05/08/2004 15:42	
<b>Surrogate(s)</b>						
o-Terphenyl	76.7	60-130	%	1.00	05/08/2004 15:42	

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05/10/2004 17:09



**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MW4-10.5	Lab ID: 2004-05-0016 - 6
Sampled: 04/30/2004 12:05	Extracted: 5/7/2004 13:27
Matrix: Soil	QC Batch#: 2004/05/07-10.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/08/2004 15:11	
Mineral spirits	ND	10	mg/Kg	1.00	05/08/2004 15:11	
<b>Surrogate(s)</b>						
o-Terphenyl	77.7	60-130	%	1.00	05/08/2004 15:11	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

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Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MW4-19.5	Lab ID: 2004-05-0016 - 8
Sampled: 04/30/2004 12:15	Extracted: 5/5/2004 11:07
Matrix: Soil	QC Batch#: 2004/05/05-03.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/05/2004 18:35	
Mineral spirits	ND	10	mg/Kg	1.00	05/05/2004 18:35	
<b>Surrogate(s)</b>						
o-Terphenyl	85.1	60-130	%	1.00	05/05/2004 18:35	

**Gas/BTEXFuel Oxygenates by 8260B (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW5-10.0	04/30/2004 09:45	Soil	2

**Gas/BTEXFuel Oxygenates by 8260B (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5030B

Test(s): 8260B

Sample ID: MW5-10.0

Lab ID: 2004-05-0016 - 2

Sampled: 04/30/2004 09:45

Extracted: 5/10/2004 18:38

Matrix: Soil

QC Batch#: 2004/05/10-03.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1000000	50000	ug/Kg	1.00	05/10/2004 18:38	g
Benzene	ND	500	ug/Kg	1.00	05/10/2004 18:38	
Toluene	ND	500	ug/Kg	1.00	05/10/2004 18:38	
Ethyl benzene	550	500	ug/Kg	1.00	05/10/2004 18:38	
Total xylenes	3500	500	ug/Kg	1.00	05/10/2004 18:38	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	80.5	70-121	%	1.00	05/10/2004 18:38	
Toluene-d8	90.8	81-117	%	1.00	05/10/2004 18:38	

**Gas/BTEX Fuel Oxygenates by 8260B (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

**Batch QC Report**

Prep(s): 5030B  
Method Blank  
MB: 2004/05/10-03.69-020

Soil

Test(s): 8260B  
QC Batch # 2004/05/10-03.69  
Date Extracted: 05/10/2004 11:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50000	ug/Kg	05/10/2004 11:20	
Benzene	ND	500	ug/Kg	05/10/2004 11:20	
Toluene	ND	500	ug/Kg	05/10/2004 11:20	
Ethyl benzene	ND	500	ug/Kg	05/10/2004 11:20	
Total xylenes	ND	500	ug/Kg	05/10/2004 11:20	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	92.3	70-121	%	05/10/2004 11:20	
Toluene-d8	103.9	81-117	%	05/10/2004 11:20	

**Gas/BTEXFuel Oxygenates by 8260B (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/05/10-03.69**

LCS 2004/05/10-03.69-057

Extracted: 05/10/2004

Analyzed: 05/10/2004 11:57

LCSD 2004/05/10-03.69-015

Extracted: 05/10/2004

Analyzed: 05/10/2004 12:15

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Benzene	9070	9440	10000	90.7	94.4	4.0	69-129	20		
Toluene	9940	9970	10000	99.4	99.7	0.3	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	184	188	250	73.6	75.2		70-121			
Toluene-d8	223	232	250	89.2	92.8		81-117			

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

05/11/2004 16:56

Gas/BTEXFuel Oxygenates by 8260B (High Level)

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

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Legend and Notes

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Result Flag

g

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

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW5-6.0	04/30/2004 09:40	Soil	1
MW5-10.0	04/30/2004 09:45	Soil	2
MW5-15.5	04/30/2004 09:50	Soil	3
MW5-19.5	04/30/2004 09:55	Soil	4
MW4-5.5	04/30/2004 11:55	Soil	5
MW4-10.5	04/30/2004 12:05	Soil	6
MW4-15.5	04/30/2004 12:10	Soil	7
MW4-19.5	04/30/2004 12:15	Soil	8



**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW5-6.0 Lab ID: 2004-05-0016 - 1  
 Sampled: 04/30/2004 09:40 Extracted: 5/3/2004 15:51  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Acetone	ND	50	ug/Kg	1.00	05/03/2004 15:51	
Benzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Bromochloromethane	ND	20	ug/Kg	1.00	05/03/2004 15:51	
Bromoform	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Bromomethane	ND	10	ug/Kg	1.00	05/03/2004 15:51	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/03/2004 15:51	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Chloroethane	ND	10	ug/Kg	1.00	05/03/2004 15:51	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/03/2004 15:51	
Chloroform	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Chloromethane	ND	10	ug/Kg	1.00	05/03/2004 15:51	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/03/2004 15:51	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/03/2004 15:51	

Severn Trent Laboratories, Inc.

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

05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035	Test(s): 8260B
Sample ID: MW5-6.0	Lab ID: 2004-05-0016 - 1
Sampled: 04/30/2004 09:40	Extracted: 5/3/2004 15:51
Matrix: Soil	QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/03/2004 15:51	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/03/2004 15:51	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
2-Hexanone	ND	50	ug/Kg	1.00	05/03/2004 15:51	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Methylene chloride	ND	10	ug/Kg	1.00	05/03/2004 15:51	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/03/2004 15:51	
Naphthalene	ND	10	ug/Kg	1.00	05/03/2004 15:51	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Styrene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Toluene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	

Severn Trent Laboratories, Inc.

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05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW5-6.0 Lab ID: 2004-05-0016 - 1  
 Sampled: 04/30/2004 09:40 Extracted: 5/3/2004 15:51  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Vinyl acetate	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
Total xylenes	ND	5.0	ug/Kg	1.00	05/03/2004 15:51	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	97.0	74-121	%	1.00	05/03/2004 15:51	
1,2-Dichloroethane-d4	101.9	70-121	%	1.00	05/03/2004 15:51	
Toluene-d8	106.3	81-117	%	1.00	05/03/2004 15:51	

Severn Trent Laboratories, Inc.

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05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

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Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW5-10.0 Lab ID: 2004-05-0016 - 2  
 Sampled: 04/30/2004 09:45 Extracted: 5/3/2004 17:11  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Acetone	ND	50	ug/Kg	1.00	05/03/2004 17:11	
Benzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Bromochloromethane	ND	20	ug/Kg	1.00	05/03/2004 17:11	
Bromoform	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Bromomethane	ND	10	ug/Kg	1.00	05/03/2004 17:11	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/03/2004 17:11	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Chloroethane	ND	10	ug/Kg	1.00	05/03/2004 17:11	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/03/2004 17:11	
Chloroform	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Chloromethane	ND	10	ug/Kg	1.00	05/03/2004 17:11	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/03/2004 17:11	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/03/2004 17:11	

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

05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s):	5035	Test(s):	8260B
Sample ID:	MW5-10.0	Lab ID:	2004-05-0016 - 2
Sampled:	04/30/2004 09:45	Extracted:	5/3/2004 17:11
Matrix:	Soil	QC Batch#:	2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/03/2004 17:11	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/03/2004 17:11	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
2-Hexanone	ND	50	ug/Kg	1.00	05/03/2004 17:11	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Methylene chloride	ND	10	ug/Kg	1.00	05/03/2004 17:11	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/03/2004 17:11	
Naphthalene	ND	10	ug/Kg	1.00	05/03/2004 17:11	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Styrene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Toluene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	

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

05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 5035                      Test(s): 8260B  
Sample ID: **MW5-10.0**              Lab ID: 2004-05-0016 - 2  
Sampled: 04/30/2004 09:45        Extracted: 5/3/2004 17:11  
Matrix: Soil                          QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Vinyl acetate	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
Total xylenes	ND	5.0	ug/Kg	1.00	05/03/2004 17:11	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	111.0	74-121	%	1.00	05/03/2004 17:11	
1,2-Dichloroethane-d4	102.1	70-121	%	1.00	05/03/2004 17:11	
Toluene-d8	101.6	81-117	%	1.00	05/03/2004 17:11	

Severn Trent Laboratories, Inc.

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

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05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW5-15.5 Lab ID: 2004-05-0016 - 3  
 Sampled: 04/30/2004 09:50 Extracted: 5/3/2004 17:38  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Acetone	ND	50	ug/Kg	1.00	05/03/2004 17:38	
Benzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Bromochloromethane	ND	20	ug/Kg	1.00	05/03/2004 17:38	
Bromoform	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Bromomethane	ND	10	ug/Kg	1.00	05/03/2004 17:38	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/03/2004 17:38	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Chloroethane	ND	10	ug/Kg	1.00	05/03/2004 17:38	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/03/2004 17:38	
Chloroform	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Chloromethane	ND	10	ug/Kg	1.00	05/03/2004 17:38	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/03/2004 17:38	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/03/2004 17:38	

Severn Trent Laboratories, Inc.

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**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s):	5035	Test(s):	8260B
Sample ID:	MW5-15.5	Lab ID:	2004-05-0016 - 3
Sampled:	04/30/2004 09:50	Extracted:	5/3/2004 17:38
Matrix:	Soil	QC Batch#:	2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/03/2004 17:38	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/03/2004 17:38	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
2-Hexanone	ND	50	ug/Kg	1.00	05/03/2004 17:38	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Methylene chloride	ND	10	ug/Kg	1.00	05/03/2004 17:38	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/03/2004 17:38	
Naphthalene	ND	10	ug/Kg	1.00	05/03/2004 17:38	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Styrene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Toluene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	

Severn Trent Laboratories, Inc.

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05/04/2004 16:10



**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW5-15.5 Lab ID: 2004-05-0016 - 3  
 Sampled: 04/30/2004 09:50 Extracted: 5/3/2004 17:38  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Vinyl acetate	ND	50	ug/Kg	1.00	05/03/2004 17:38	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
Total xylenes	ND	5.0	ug/Kg	1.00	05/03/2004 17:38	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	99.3	74-121	%	1.00	05/03/2004 17:38	
1,2-Dichloroethane-d4	100.4	70-121	%	1.00	05/03/2004 17:38	
Toluene-d8	102.1	81-117	%	1.00	05/03/2004 17:38	

Severn Trent Laboratories, Inc.

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**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW5-19.5 Lab ID: 2004-05-0016 - 4  
 Sampled: 04/30/2004 09:55 Extracted: 5/3/2004 18:05  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Acetone	ND	50	ug/Kg	1.00	05/03/2004 18:05	
Benzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Bromochloromethane	ND	20	ug/Kg	1.00	05/03/2004 18:05	
Bromoform	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Bromomethane	ND	10	ug/Kg	1.00	05/03/2004 18:05	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/03/2004 18:05	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Chloroethane	ND	10	ug/Kg	1.00	05/03/2004 18:05	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/03/2004 18:05	
Chloroform	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Chloromethane	ND	10	ug/Kg	1.00	05/03/2004 18:05	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/03/2004 18:05	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/03/2004 18:05	

Severn Trent Laboratories, Inc.

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05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 5035 Test(s): 8260B  
Sample ID: MW5-19.5 Lab ID: 2004-05-0016 - 4  
Sampled: 04/30/2004 09:55 Extracted: 5/3/2004 18:05  
Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/03/2004 18:05	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/03/2004 18:05	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
2-Hexanone	ND	50	ug/Kg	1.00	05/03/2004 18:05	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Methylene chloride	ND	10	ug/Kg	1.00	05/03/2004 18:05	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/03/2004 18:05	
Naphthalene	ND	10	ug/Kg	1.00	05/03/2004 18:05	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Styrene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Toluene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	

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

05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035	Test(s): 8260B
Sample ID: MW5-19.5	Lab ID: 2004-05-0016 - 4
Sampled: 04/30/2004 09:55	Extracted: 5/3/2004 18:05
Matrix: Soil	QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Vinyl acetate	ND	50	ug/Kg	1.00	05/03/2004 18:05	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
Total xylenes	ND	5.0	ug/Kg	1.00	05/03/2004 18:05	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	100.1	74-121	%	1.00	05/03/2004 18:05	
1,2-Dichloroethane-d4	102.6	70-121	%	1.00	05/03/2004 18:05	
Toluene-d8	107.3	81-117	%	1.00	05/03/2004 18:05	

Severn Trent Laboratories, Inc.

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Oakland, CA 94602-1459

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Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s):	5035	Test(s):	8260B
Sample ID:	MW4-5.5	Lab ID:	2004-05-0016 - 5
Sampled:	04/30/2004 11:55	Extracted:	5/3/2004 18:31
Matrix:	Soil	QC Batch#:	2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/03/2004 18:31	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/03/2004 18:31	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
2-Hexanone	ND	50	ug/Kg	1.00	05/03/2004 18:31	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Methylene chloride	ND	10	ug/Kg	1.00	05/03/2004 18:31	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/03/2004 18:31	
Naphthalene	ND	10	ug/Kg	1.00	05/03/2004 18:31	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Styrene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Toluene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	

Severn Trent Laboratories, Inc.

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**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW4-5.5 Lab ID: 2004-05-0016 - 5  
 Sampled: 04/30/2004 11:55 Extracted: 5/3/2004 18:31  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Vinyl acetate	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
Total xylenes	ND	5.0	ug/Kg	1.00	05/03/2004 18:31	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	89.3	74-121	%	1.00	05/03/2004 18:31	
1,2-Dichloroethane-d4	107.8	70-121	%	1.00	05/03/2004 18:31	
Toluene-d8	103.8	81-117	%	1.00	05/03/2004 18:31	

Severn Trent Laboratories, Inc.

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1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 5035 Test(s): 8260B  
Sample ID: MW4-10.5 Lab ID: 2004-05-0016 - 6  
Sampled: 04/30/2004 12:05 Extracted: 5/3/2004 18:58  
Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Acetone	ND	50	ug/Kg	1.00	05/03/2004 18:58	
Benzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Bromochloromethane	ND	20	ug/Kg	1.00	05/03/2004 18:58	
Bromoform	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Bromomethane	ND	10	ug/Kg	1.00	05/03/2004 18:58	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/03/2004 18:58	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Chloroethane	ND	10	ug/Kg	1.00	05/03/2004 18:58	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/03/2004 18:58	
Chloroform	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Chloromethane	ND	10	ug/Kg	1.00	05/03/2004 18:58	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/03/2004 18:58	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/03/2004 18:58	



## Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s):	5035	Test(s):	8260B
Sample ID:	MW4-10.5	Lab ID:	2004-05-0016 - 6
Sampled:	04/30/2004 12:05	Extracted:	5/3/2004 18:58
Matrix:	Soil	QC Batch#:	2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/03/2004 18:58	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/03/2004 18:58	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
2-Hexanone	ND	50	ug/Kg	1.00	05/03/2004 18:58	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Methylene chloride	ND	10	ug/Kg	1.00	05/03/2004 18:58	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/03/2004 18:58	
Naphthalene	ND	10	ug/Kg	1.00	05/03/2004 18:58	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Styrene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Toluene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	

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**Volatile Organic Compounds by 8260B (Low Level)**

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Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW4-10.5 Lab ID: 2004-05-0016 - 6  
 Sampled: 04/30/2004 12:05 Extracted: 5/3/2004 18:58  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Vinyl acetate	ND	50	ug/Kg	1.00	05/03/2004 18:58	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
Total xylenes	ND	5.0	ug/Kg	1.00	05/03/2004 18:58	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	96.9	74-121	%	1.00	05/03/2004 18:58	
1,2-Dichloroethane-d4	104.2	70-121	%	1.00	05/03/2004 18:58	
Toluene-d8	105.0	81-117	%	1.00	05/03/2004 18:58	

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Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW4-15.5 Lab ID: 2004-05-0016 - 7  
 Sampled: 04/30/2004 12:10 Extracted: 5/3/2004 19:24  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Acetone	ND	50	ug/Kg	1.00	05/03/2004 19:24	
Benzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Bromochloromethane	ND	20	ug/Kg	1.00	05/03/2004 19:24	
Bromoform	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Bromomethane	ND	10	ug/Kg	1.00	05/03/2004 19:24	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/03/2004 19:24	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Chloroethane	ND	10	ug/Kg	1.00	05/03/2004 19:24	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/03/2004 19:24	
Chloroform	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Chloromethane	ND	10	ug/Kg	1.00	05/03/2004 19:24	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/03/2004 19:24	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/03/2004 19:24	

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Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW4-15.5 Lab ID: 2004-05-0016 - 7  
 Sampled: 04/30/2004 12:10 Extracted: 5/3/2004 19:24  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/03/2004 19:24	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/03/2004 19:24	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
2-Hexanone	ND	50	ug/Kg	1.00	05/03/2004 19:24	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Methylene chloride	ND	10	ug/Kg	1.00	05/03/2004 19:24	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/03/2004 19:24	
Naphthalene	ND	10	ug/Kg	1.00	05/03/2004 19:24	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Styrene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Toluene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:24	

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

05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW4-19.5 Lab ID: 2004-05-0016 - 8  
 Sampled: 04/30/2004 12:15 Extracted: 5/3/2004 19:51  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	05/03/2004 19:51	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/03/2004 19:51	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
2-Hexanone	ND	50	ug/Kg	1.00	05/03/2004 19:51	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
Methylene chloride	ND	10	ug/Kg	1.00	05/03/2004 19:51	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/03/2004 19:51	
Naphthalene	ND	10	ug/Kg	1.00	05/03/2004 19:51	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
Styrene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
Toluene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
Trichloroethene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	

Severn Trent Laboratories, Inc.

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

05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 5035 Test(s): 8260B  
 Sample ID: MW4-19.5 Lab ID: 2004-05-0016 - 8  
 Sampled: 04/30/2004 12:15 Extracted: 5/3/2004 19:51  
 Matrix: Soil QC Batch#: 2004/05/03-02.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
Vinyl acetate	ND	50	ug/Kg	1.00	05/03/2004 19:51	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
Total xylenes	ND	5.0	ug/Kg	1.00	05/03/2004 19:51	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	100.4	74-121	%	1.00	05/03/2004 19:51	
1,2-Dichloroethane-d4	107.0	70-121	%	1.00	05/03/2004 19:51	
Toluene-d8	104.0	81-117	%	1.00	05/03/2004 19:51	

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

05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/05/03-02.09

MB: 2004/05/03-02.09-011

Date Extracted: 05/03/2004 13:45

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	05/03/2004 13:45	
Acetone	ND	50	ug/Kg	05/03/2004 13:45	
Benzene	ND	5.0	ug/Kg	05/03/2004 13:45	
Bromodichloromethane	ND	5.0	ug/Kg	05/03/2004 13:45	
Bromobenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
Bromochloromethane	ND	20	ug/Kg	05/03/2004 13:45	
Bromoform	ND	5.0	ug/Kg	05/03/2004 13:45	
Bromomethane	ND	10	ug/Kg	05/03/2004 13:45	
2-Butanone(MEK)	ND	50	ug/Kg	05/03/2004 13:45	
n-Butylbenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
sec-Butylbenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
tert-Butylbenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
Carbon disulfide	ND	5.0	ug/Kg	05/03/2004 13:45	
Carbon tetrachloride	ND	5.0	ug/Kg	05/03/2004 13:45	
Chlorobenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
Chloroethane	ND	10	ug/Kg	05/03/2004 13:45	
2-Chloroethylvinyl ether	ND	50	ug/Kg	05/03/2004 13:45	
Chloroform	ND	5.0	ug/Kg	05/03/2004 13:45	
Chloromethane	ND	10	ug/Kg	05/03/2004 13:45	
2-Chlorotoluene	ND	5.0	ug/Kg	05/03/2004 13:45	
4-Chlorotoluene	ND	5.0	ug/Kg	05/03/2004 13:45	
Dibromochloromethane	ND	5.0	ug/Kg	05/03/2004 13:45	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
1,3-Dichloropropane	ND	5.0	ug/Kg	05/03/2004 13:45	
2,2-Dichloropropane	ND	5.0	ug/Kg	05/03/2004 13:45	
1,1-Dichloropropene	ND	5.0	ug/Kg	05/03/2004 13:45	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	05/03/2004 13:45	
1,2-Dibromoethane	ND	10	ug/Kg	05/03/2004 13:45	

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05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/05/03-02.09

MB: 2004/05/03-02.09-011

Date Extracted: 05/03/2004 13:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	05/03/2004 13:45	
Dichlorodifluoromethane	ND	10	ug/Kg	05/03/2004 13:45	
1,1-Dichloroethane	ND	5.0	ug/Kg	05/03/2004 13:45	
1,2-Dichloroethane	ND	5.0	ug/Kg	05/03/2004 13:45	
1,1-Dichloroethene	ND	5.0	ug/Kg	05/03/2004 13:45	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/03/2004 13:45	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/03/2004 13:45	
1,2-Dichloropropane	ND	5.0	ug/Kg	05/03/2004 13:45	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/03/2004 13:45	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/03/2004 13:45	
Ethylbenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
Hexachlorobutadiene	ND	5.0	ug/Kg	05/03/2004 13:45	
2-Hexanone	ND	50	ug/Kg	05/03/2004 13:45	
Isopropylbenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
p-Isopropyltoluene	ND	5.0	ug/Kg	05/03/2004 13:45	
Methylene chloride	ND	10	ug/Kg	05/03/2004 13:45	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	05/03/2004 13:45	
Naphthalene	ND	10	ug/Kg	05/03/2004 13:45	
n-Propylbenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
Styrene	ND	5.0	ug/Kg	05/03/2004 13:45	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	05/03/2004 13:45	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	05/03/2004 13:45	
Tetrachloroethene	ND	5.0	ug/Kg	05/03/2004 13:45	
Toluene	ND	5.0	ug/Kg	05/03/2004 13:45	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/03/2004 13:45	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/03/2004 13:45	
Trichloroethene	ND	5.0	ug/Kg	05/03/2004 13:45	
Trichlorofluoromethane	ND	5.0	ug/Kg	05/03/2004 13:45	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/03/2004 13:45	

Severn Trent Laboratories, Inc.

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05/04/2004 16:10



**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2004/05/03-02.09-011

Soil

Test(s): 8260B

QC Batch # 2004/05/03-02.09

Date Extracted: 05/03/2004 13:45

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	05/03/2004 13:45	
Vinyl acetate	ND	50	ug/Kg	05/03/2004 13:45	
Vinyl chloride	ND	5.0	ug/Kg	05/03/2004 13:45	
Total xylenes	ND	5.0	ug/Kg	05/03/2004 13:45	
<b>Surrogates(s)</b>					
4-Bromofluorobenzene	88.6	74-121	%	05/03/2004 13:45	
1,2-Dichloroethane-d4	94.0	70-121	%	05/03/2004 13:45	
Toluene-d8	96.4	81-117	%	05/03/2004 13:45	

Severn Trent Laboratories, Inc.

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

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05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/05/03-02.09**

LCS 2004/05/03-02.09-006

Extracted: 05/03/2004

Analyzed: 05/03/2004 11:11

LCSD 2004/05/03-02.09-007

Extracted: 05/03/2004

Analyzed: 05/03/2004 11:37

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	104	102	100.0	104.0	102.0	1.9	69-129	20		
Chlorobenzene	99.6	95.3	100.0	99.6	95.3	4.4	61-121	20		
1,1-Dichloroethene	75.2	68.0	100.0	75.2	68.0	10.1	65-125	20		
Toluene	105	101	100.0	105.0	101.0	3.9	70-130	20		
Trichloroethene	105	100	100.0	105.0	100.0	4.9	74-134	20		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene	460	461	500	92.0	92.2		74-121			
1,2-Dichloroethane-d4	485	461	500	97.0	92.2		70-121			
Toluene-d8	527	504	500	105.4	100.8		81-117			

Severn Trent Laboratories, Inc.

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05/04/2004 16:10

**Volatile Organic Compounds by 8260B (Low Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2004/05/03-02:09**

MW5-6.0 >> MS

Lab ID: 2004-05-0016 - 001

MS: 2004/05/03-02.09-016

Extracted: 05/03/2004

Analyzed: 05/03/2004 16:18

Dilution: 1.00

MSD: 2004/05/03-02.09-017

Extracted: 05/03/2004

Analyzed: 05/03/2004 16:44

Dilution: 1.00

Compound	Conc. ug/Kg		Spk.Level	Recovery %			Limits %		Flags		
	MS	MSD		Sample	ug/Kg	MS	MSD	RPD	Rec.	RPD	MS
Benzene	102	100	ND	96.2	106.0	106.4	0.4	69-129	20		
Chlorobenzene	103	103	ND	96.2	107.1	109.6	2.3	61-121	20		
1,1-Dichloroethene	75.7	73.7	ND	96.2	78.7	78.4	0.4	65-125	20		
Toluene	102	97.4	ND	96.2	106.0	103.6	2.3	70-130	20		
Trichloroethene	101	98.5	ND	96.2	105.0	104.8	0.2	74-134	20		
<b>Surrogate(s)</b>											
4-Bromofluorobenzene	561	500		500	112.3	100.0		74-121			
1,2-Dichloroethane-d4	514	491		500	102.8	98.1		70-121			
Toluene-d8	514	534		500	102.8	106.8		81-117			

Severn Trent Laboratories, Inc.

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05/04/2004 16:10

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW5-6.0	04/30/2004 09:40	Soil	1
MW5-10.0	04/30/2004 09:45	Soil	2
MW5-15.5	04/30/2004 09:50	Soil	3
MW5-19.5	04/30/2004 09:55	Soil	4
MW4-5.5	04/30/2004 11:55	Soil	5
MW4-10.5	04/30/2004 12:05	Soil	6
MW4-15.5	04/30/2004 12:10	Soil	7
MW4-19.5	04/30/2004 12:15	Soil	8

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

05/07/2004 14:28

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	MW5-6.0	Lab ID:	2004-05-0016 - 1
Sampled:	04/30/2004 09:40	Extracted:	5/6/2004 07:58
Matrix:	Soil	QC Batch#:	2004/05/06-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Acenaphthylene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Acenaphthene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Fluorene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Phenanthrene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Anthracene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Fluoranthene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Pyrene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Chrysene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	05/07/2004 10:30	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	91.0	23-120	%	1.00	05/07/2004 10:30	
2-Fluorobiphenyl	92.6	30-115	%	1.00	05/07/2004 10:30	
p-Terphenyl-d14	105.0	18-137	%	1.00	05/07/2004 10:30	

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

05/07/2004 14:28

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 3550B/8270C      Test(s): 8270C  
 Sample ID: MW5-10.0      Lab ID: 2004-05-0016 - 2  
 Sampled: 04/30/2004 09:45      Extracted: 5/6/2004 07:58  
 Matrix: Soil      QC Batch#: 2004/05/06-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Acenaphthylene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Acenaphthene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Fluorene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Phenanthrene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Chrysene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	05/06/2004 18:27	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	88.5	23-120	%	1.00	05/06/2004 18:27	
2-Fluorobiphenyl	90.6	30-115	%	1.00	05/06/2004 18:27	
p-Terphenyl-d14	112.9	18-137	%	1.00	05/06/2004 18:27	

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

05/07/2004 14:28

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 3550B/8270C      Test(s): 8270C  
 Sample ID: MW5-15.5      Lab ID: 2004-05-0016 - 3  
 Sampled: 04/30/2004 09:50      Extracted: 5/6/2004 07:58  
 Matrix: Soil      QC Batch#: 2004/05/06-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Acenaphthylene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Acenaphthene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Fluorene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Phenanthrene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Chrysene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	05/06/2004 18:56	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	92.1	23-120	%	1.00	05/06/2004 18:56	
2-Fluorobiphenyl	94.4	30-115	%	1.00	05/06/2004 18:56	
p-Terphenyl-d14	120.9	18-137	%	1.00	05/06/2004 18:56	

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 3550B/8270C      Test(s): 8270C  
 Sample ID: MW5-19.5      Lab ID: 2004-05-0016 - 4  
 Sampled: 04/30/2004 09:55      Extracted: 5/6/2004 07:58  
 Matrix: Soil      QC Batch#: 2004/05/06-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Acenaphthylene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Acenaphthene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Fluorene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Phenanthrene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Anthracene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Fluoranthene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Pyrene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Chrysene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	05/07/2004 11:00	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	85.4	23-120	%	1.00	05/07/2004 11:00	
2-Fluorobiphenyl	84.2	30-115	%	1.00	05/07/2004 11:00	
p-Terphenyl-d14	105.7	18-137	%	1.00	05/07/2004 11:00	

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

05/07/2004 14:28



**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MW4-5.5	Lab ID: 2004-05-0016 - 5
Sampled: 04/30/2004 11:55	Extracted: 5/6/2004 07:58
Matrix: Soil	QC Batch#: 2004/05/06-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Acenaphthylene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Acenaphthene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Fluorene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Phenanthrene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Chrysene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	05/06/2004 19:55	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	89.7	23-120	%	1.00	05/06/2004 19:55	
2-Fluorobiphenyl	91.5	30-115	%	1.00	05/06/2004 19:55	
p-Terphenyl-d14	106.1	18-137	%	1.00	05/06/2004 19:55	

Severn Trent Laboratories, Inc.

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05/07/2004 14:28

**PNA analysis by 8270C**

San Joaquin Company, Inc.

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1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 3550B/8270C      Test(s): 8270C  
 Sample ID: MW4-10.5      Lab ID: 2004-05-0016 - 6  
 Sampled: 04/30/2004 12:05      Extracted: 5/6/2004 07:58  
 Matrix: Soil      QC Batch#: 2004/05/06-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Acenaphthylene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Acenaphthene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Fluorene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Phenanthrene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Chrysene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	05/06/2004 20:24	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	87.5	23-120	%	1.00	05/06/2004 20:24	
2-Fluorobiphenyl	91.8	30-115	%	1.00	05/06/2004 20:24	
p-Terphenyl-d14	104.0	18-137	%	1.00	05/06/2004 20:24	

**PNA analysis by 8270C**

San Joaquin Company, Inc.

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Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MW4-15.5	Lab ID: 2004-05-0016 - 7
Sampled: 04/30/2004 12:10	Extracted: 5/6/2004 07:58
Matrix: Soil	QC Batch#: 2004/05/06-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Acenaphthylene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Acenaphthene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Fluorene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Phenanthrene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Anthracene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Fluoranthene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Pyrene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Chrysene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	05/07/2004 11:29	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	93.8	23-120	%	1.00	05/07/2004 11:29	
2-Fluorobiphenyl	91.1	30-115	%	1.00	05/07/2004 11:29	
p-Terphenyl-d14	105.4	18-137	%	1.00	05/07/2004 11:29	

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

05/07/2004 14:28

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 3550B/8270C      Test(s): 8270C  
 Sample ID: MW4-19.5      Lab ID: 2004-05-0016 - 8  
 Sampled: 04/30/2004 12:15      Extracted: 5/6/2004 07:58  
 Matrix: Soil      QC Batch#: 2004/05/06-01.11  
 Analysis Flag: . ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Acenaphthylene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Acenaphthene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Fluorene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Phenanthrene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Chrysene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	05/06/2004 21:23	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	90.2	23-120	%	1.00	05/06/2004 21:23	
2-Fluorobiphenyl	91.3	30-115	%	1.00	05/06/2004 21:23	
p-Terphenyl-d14	113.1	18-137	%	1.00	05/06/2004 21:23	

Severn Trent Laboratories, Inc.

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05/07/2004 14:28

**PNA analysis by 8270C**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

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**Legend and Notes**

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**Analysis Flag**

**Result Flag**

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference.  
Precision and Accuracy were verified by LCS/LCSD.

rpd

Analyte RPD was out of QC limits due to sample heterogeneity.

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MW5-6.0	04/30/2004 09:40	Soil	1
MW5-15.5	04/30/2004 09:50	Soil	3
MW5-19.5	04/30/2004 09:55	Soil	4
MW4-5.5	04/30/2004 11:55	Soil	5
MW4-10.5	04/30/2004 12:05	Soil	6
MW4-15.5	04/30/2004 12:10	Soil	7
MW4-19.5	04/30/2004 12:15	Soil	8

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

05/11/2004 12:13

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW5-6.0 Lab ID: 2004-05-0016 - 1  
 Sampled: 04/30/2004 09:40 Extracted: 5/8/2004 18:59  
 Matrix: Soil QC Batch#: 2004/05/08-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/08/2004 18:59	
Benzene	ND	5.0	ug/Kg	1.00	05/08/2004 18:59	
Toluene	ND	5.0	ug/Kg	1.00	05/08/2004 18:59	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/08/2004 18:59	
Total xylenes	ND	5.0	ug/Kg	1.00	05/08/2004 18:59	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	85.9	70-121	%	1.00	05/08/2004 18:59	
Toluene-d8	93.0	81-117	%	1.00	05/08/2004 18:59	

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

05/11/2004 12:13

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW5-15.5	Lab ID:	2004-05-0016 - 3
Sampled:	04/30/2004 09:50	Extracted:	5/8/2004 19:35
Matrix:	Soil	QC Batch#:	2004/05/08-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/08/2004 19:35	
Benzene	ND	5.0	ug/Kg	1.00	05/08/2004 19:35	
Toluene	ND	5.0	ug/Kg	1.00	05/08/2004 19:35	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/08/2004 19:35	
Total xylenes	ND	5.0	ug/Kg	1.00	05/08/2004 19:35	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	88.5	70-121	%	1.00	05/08/2004 19:35	
Toluene-d8	92.8	81-117	%	1.00	05/08/2004 19:35	



Fuel Oxygenates by 8260B

San Joaquin Company, Inc.

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Oakland, CA 94602-1459

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Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW5-19.5 Lab ID: 2004-05-0016-4  
 Sampled: 04/30/2004 09:55 Extracted: 5/8/2004 19:53  
 Matrix: Soil QC Batch#: 2004/05/08-02:69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/08/2004 19:53	
Benzene	ND	5.0	ug/Kg	1.00	05/08/2004 19:53	
Toluene	ND	5.0	ug/Kg	1.00	05/08/2004 19:53	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/08/2004 19:53	
Total xylenes	ND	5.0	ug/Kg	1.00	05/08/2004 19:53	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	88.4	70-121	%	1.00	05/08/2004 19:53	
Toluene-d8	93.8	81-117	%	1.00	05/08/2004 19:53	

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW4-5.5 Lab ID: 2004-05-0016 - 5  
 Sampled: 04/30/2004 11:55 Extracted: 5/8/2004 20:11  
 Matrix: Soil QC Batch#: 2004/05/08-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/08/2004 20:11	
Benzene	ND	5.0	ug/Kg	1.00	05/08/2004 20:11	
Toluene	ND	5.0	ug/Kg	1.00	05/08/2004 20:11	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/08/2004 20:11	
Total xylenes	ND	5.0	ug/Kg	1.00	05/08/2004 20:11	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	90.0	70-121	%	1.00	05/08/2004 20:11	
Toluene-d8	94.5	81-117	%	1.00	05/08/2004 20:11	

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW4-10.5	Lab ID:	2004-05-0016 - 6
Sampled:	04/30/2004 12:05	Extracted:	5/8/2004 20:30
Matrix:	Soil	QC Batch#:	2004/05/08-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/08/2004 20:30	
Benzene	ND	5.0	ug/Kg	1.00	05/08/2004 20:30	
Toluene	ND	5.0	ug/Kg	1.00	05/08/2004 20:30	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/08/2004 20:30	
Total xylenes	ND	5.0	ug/Kg	1.00	05/08/2004 20:30	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	88.0	70-121	%	1.00	05/08/2004 20:30	
Toluene-d8	93.3	81-117	%	1.00	05/08/2004 20:30	

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

05/11/2004 12:13

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5030B

Test(s): 8260B

Sample ID: MW4-15.5

Lab ID: 2004-05-0016 - 7

Sampled: 04/30/2004 12:10

Extracted: 5/8/2004 20:48

Matrix: Soil

QC Batch#: 2004/05/08-02:69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/08/2004 20:48	
Benzene	ND	5.0	ug/Kg	1.00	05/08/2004 20:48	
Toluene	ND	5.0	ug/Kg	1.00	05/08/2004 20:48	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/08/2004 20:48	
Total xylenes	ND	5.0	ug/Kg	1.00	05/08/2004 20:48	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	89.7	70-121	%	1.00	05/08/2004 20:48	
Toluene-d8	92.7	81-117	%	1.00	05/08/2004 20:48	

## Fuel Oxygenates by 8260B

San Joaquin Company, Inc.

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1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B  
 Sample ID: MW4-19.5 Lab-ID: 2004-05-0016 - 8  
 Sampled: 04/30/2004 12:15 Extracted: 5/8/2004 21:06  
 Matrix: Soil QC Batch#: 2004/05/08-02:69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	05/08/2004 21:06	
Benzene	ND	5.0	ug/Kg	1.00	05/08/2004 21:06	
Toluene	ND	5.0	ug/Kg	1.00	05/08/2004 21:06	
Ethyl benzene	ND	5.0	ug/Kg	1.00	05/08/2004 21:06	
Total xylenes	ND	5.0	ug/Kg	1.00	05/08/2004 21:06	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	88.3	70-121	%	1.00	05/08/2004 21:06	
Toluene-d8	95.7	81-117	%	1.00	05/08/2004 21:06	

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

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1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 04/30/2004 16:25

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/05/08-02.69

MB: 2004/05/08-02.69-041

Date Extracted: 05/08/2004 18:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	05/08/2004 18:41	
Benzene	ND	5.0	ug/Kg	05/08/2004 18:41	
Toluene	ND	5.0	ug/Kg	05/08/2004 18:41	
Ethyl benzene	ND	5.0	ug/Kg	05/08/2004 18:41	
Total xylenes	ND	5.0	ug/Kg	05/08/2004 18:41	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	87.9	70-121	%	05/08/2004 18:41	
Toluene-d8	96.1	81-117	%	05/08/2004 18:41	

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 04/30/2004 16:25

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/05/08-02.69**

LCS 2004/05/08-02.69-005

Extracted: 05/08/2004

Analyzed: 05/08/2004 18:05

LCSD 2004/05/08-02.69-023

Extracted: 05/08/2004

Analyzed: 05/08/2004 18:23

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	43.1	43.5	50.0	86.2	87.0	0.9	69-129	20		
Toluene	50.0	49.8	50.0	100.0	99.6	0.4	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	400	409	500	80.0	81.8		70-121			
Toluene-d8	473	475	500	94.6	95.0		81-117			

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

05/11/2004 12:13

THE SAN JOAQUIN COMPANY INC.

2004-05-0016

85367

CHAIN OF CUSTODY /  
REQUEST FOR ANALYSIS  
RECORD

Transmit results to office checked below:

- 33233 South Koster Road, Tracy, CA 95304  
Voice: (209) 832-2910 Fax: (209) 833-1288
- 1120 Hollywood Ave. No. 3, Oakland, CA 94602  
Voice (510) 336-9118 Fax: (510) 336-9119

Laboratory: **STL San Francisco**  
Carrier: The San Joaquin Company Inc.

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.082** Project Mgr.: **DJW**  
Sampling Team: **SF**

Waybill No.:         n/a        

Site Global I.D. No.: n/a

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
MWS-6-0	SOIL	MW-5	n/a	n/a	04/30/04	09:40	} TP H(O) + Heavy Metals } TP H(S) + STEK } Volatile Organic Compounds (SCAN) } by 8260 } PNA's by 8270	
MWS-10-0	"	"	"	"	"	09:45		
MWS-15-5	"	"	"	"	"	09:50		
MWS-18-5	"	"	"	"	"	09:55		
MW4-5-5	"	MW4	"	"	"	11:55		
MW4-10-5	"	MW4	"	"	"	12:05		
MW4-15-5	"	"	"	"	"	12:10		
MW4-18-5	"	"	"	"	"	12:15		

Sample Hazards: Low to moderate concentrations of fuel hydrocarbons and solvents

Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville (Emeryville Corners) Agreement.

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	<u>Dr. Warkus</u>	<u>San Joaquin Co</u>	<u>      </u>	<u>      </u>	<u>04/30/04</u>	<u>      </u>	<u>[Signature]</u>
Received/ Relinquished by:							
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:	<u>Nounaki</u>	<u>STL-SF</u>	<u>4/30/04</u>	<u>1625</u>	<u>      </u>	<u>      </u>	<u>[Signature]</u>



**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MWT-11-5	11/05/2004	Soil	1
MWT-11-19.5	11/05/2004	Soil	4
MWT-12-5	11/05/2004	Soil	5
MWT-12-10	11/05/2004	Soil	6
MWT-12-15	11/05/2004	Soil	7
MWT-12-19.5	11/05/2004	Soil	8
MWT-13-5	11/05/2004	Soil	9
MWT-13-15	11/05/2004	Soil	11
MWT-13-19	11/05/2004	Soil	12
MWT-14-5	11/05/2004	Soil	13
MWT-14-15	11/05/2004	Soil	15

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

11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s):	5035 5035	Test(s):	8015M 8021B
Sample ID:	MWT-11-5	Lab ID:	2004-11-0213 - 1
Sampled:	11/05/2004	Extracted:	11/15/2004 10:24
Matrix:	Soil	QC Batch#:	2004/11/14-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	11/15/2004 10:24	
Benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 10:24	
Toluene	ND	0.0050	mg/Kg	1.00	11/15/2004 10:24	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 10:24	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/15/2004 10:24	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	84.4	58-124	%	1.00	11/15/2004 10:24	
4-Bromofluorobenzene-FID	64.2	58-124	%	1.00	11/15/2004 10:24	

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11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 5035	Test(s): 8015M
5035	8021B
Sample ID: <b>MWT-11-19.5</b>	Lab ID: 2004-11-0213 - 4
Sampled: 11/05/2004	Extracted: 11/15/2004 19:43
Matrix: Soil	QC Batch#: 2004/11/15-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	11/15/2004 19:43	
Benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 19:43	
Toluene	ND	0.0050	mg/Kg	1.00	11/15/2004 19:43	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 19:43	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/15/2004 19:43	
<b>Surrogate(s)</b>						
Trifluorotoluene	85.6	53-125	%	1.00	11/15/2004 19:43	
Trifluorotoluene-FID	75.5	53-125	%	1.00	11/15/2004 19:43	

Severn Trent Laboratories, Inc.

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

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11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.  
Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s): 5035	Test(s): 8015M
5035	8021B
Sample ID: MWT-12-5	Lab ID: 2004-11-0213 - 5
Sampled: 11/05/2004	Extracted: 11/15/2004 11:29
Matrix: Soil	QC Batch#: 2004/11/14-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	11/15/2004 11:29	
Benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 11:29	
Toluene	ND	0.0050	mg/Kg	1.00	11/15/2004 11:29	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 11:29	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/15/2004 11:29	
<b>Surrogate(s)</b>						
Trifluorotoluene	91.1	53-125	%	1.00	11/15/2004 11:29	
4-Bromofluorobenzene-FID	66.7	58-124	%	1.00	11/15/2004 11:29	

**Gas/BTEX by 8015M/8021**

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Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s): 5035 Test(s): 8015M  
5035 8021B  
Sample ID: MWT-12-10 Lab ID: 2004-11-0213 - 6  
Sampled: 11/05/2004 Extracted: 11/15/2004 12:01  
Matrix: Soil QC Batch#: 2004/11/14-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	11/15/2004 12:01	
Benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 12:01	
Toluene	ND	0.0050	mg/Kg	1.00	11/15/2004 12:01	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 12:01	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/15/2004 12:01	
<b>Surrogate(s)</b>						
Trifluorotoluene	84.1	53-125	%	1.00	11/15/2004 12:01	
4-Bromofluorobenzene-FID	63.0	58-124	%	1.00	11/15/2004 12:01	

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

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1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8015M  
5035 8021B  
Sample ID: MWT-12-15 Lab ID: 2004-11-0213 - 7  
Sampled: 11/05/2004 Extracted: 11/15/2004 12:34  
Matrix: Soil QC Batch#: 2004/11/14-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	11/15/2004 12:34	
Benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 12:34	
Toluene	ND	0.0050	mg/Kg	1.00	11/15/2004 12:34	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 12:34	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/15/2004 12:34	
<b>Surrogate(s)</b>						
Trifluorotoluene	86.2	53-125	%	1.00	11/15/2004 12:34	
4-Bromofluorobenzene-FID	61.1	58-124	%	1.00	11/15/2004 12:34	

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

11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

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1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 5035  
5035  
Sample ID: **MWT-12-19.5**  
Sampled: 11/05/2004  
Matrix: Soil

Test(s): 8015M  
8021B  
Lab ID: 2004-11-0213 - 8  
Extracted: 11/15/2004 13:06  
QC Batch#: 2004/11/14-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	11/15/2004 13:06	
Benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 13:06	
Toluene	ND	0.0050	mg/Kg	1.00	11/15/2004 13:06	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 13:06	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/15/2004 13:06	
<b>Surrogate(s)</b>						
Trifluorotoluene	85.7	53-125	%	1.00	11/15/2004 13:06	
4-Bromofluorobenzene-FID	75.4	58-124	%	1.00	11/15/2004 13:06	

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11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s):	5035	Test(s):	8015M
	5035		8021B
Sample ID:	MWT-13-5	Lab ID:	2004-11-0213 - 9
Sampled:	11/05/2004	Extracted:	11/15/2004 21:21
Matrix:	Soil	QC Batch#:	2004/11/15-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	11/15/2004 21:21	
Benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 21:21	
Toluene	ND	0.0050	mg/Kg	1.00	11/15/2004 21:21	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 21:21	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/15/2004 21:21	
<b>Surrogate(s)</b>						
Trifluorotoluene	101.7	53-125	%	1.00	11/15/2004 21:21	
4-Bromofluorobenzene-FID	71.0	58-124	%	1.00	11/15/2004 21:21	

Severn Trent Laboratories, Inc.

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11/17/2004 14:20



**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8015M  
5035 8021B  
Sample ID: MWT-13-15 Lab ID: 2004-11-0213 - 11  
Sampled: 11/05/2004 Extracted: 11/15/2004 21:54  
Matrix: Soil QC Batch#: 2004/11/15-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	11/15/2004 21:54	
Benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 21:54	
Toluene	ND	0.0050	mg/Kg	1.00	11/15/2004 21:54	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 21:54	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/15/2004 21:54	
<b>Surrogate(s)</b>						
Trifluorotoluene	94.8	53-125	%	1.00	11/15/2004 21:54	
4-Bromofluorobenzene-FID	68.9	58-124	%	1.00	11/15/2004 21:54	

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

11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 5035	Test(s): 8015M
5035	8021B
Sample ID: MWT-13-19	Lab ID: 2004-11-0213 - 12
Sampled: 11/05/2004	Extracted: 11/14/2004 22:25
Matrix: Soil	QC Batch#: 2004/11/14-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	11/14/2004 22:25	
Benzene	ND	0.0050	mg/Kg	1.00	11/14/2004 22:25	
Toluene	ND	0.0050	mg/Kg	1.00	11/14/2004 22:25	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/14/2004 22:25	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/14/2004 22:25	
<b>Surrogate(s)</b>						
Trifluorotoluene	96.0	53-125	%	1.00	11/14/2004 22:25	
4-Bromofluorobenzene-FID	73.3	58-124	%	1.00	11/14/2004 22:25	

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

11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 5035	Test(s): 8015M
5035	8021B
Sample ID: <b>MWT-14-5</b>	Lab ID: 2004-11-0213 - 13
Sampled: 11/05/2004	Extracted: 11/15/2004 22:26
Matrix: Soil	QC Batch#: 2004/11/15-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	1.00	11/15/2004 22:26	
Benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 22:26	
Toluene	ND	0.0050	mg/Kg	1.00	11/15/2004 22:26	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 22:26	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/15/2004 22:26	
<b>Surrogate(s)</b>						
Trifluorotoluene	102.1	53-125	%	1.00	11/15/2004 22:26	
4-Bromofluorobenzene-FID	73.8	58-124	%	1.00	11/15/2004 22:26	

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

11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s):	5035	Test(s):	8015M
	5035		8021B
Sample ID:	<b>MWT-14-15</b>	Lab ID:	2004-11-0213 - 15
Sampled:	11/05/2004	Extracted:	11/15/2004 22:59
Matrix:	Soil	QC Batch#:	2004/11/15-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1.2	1.0	mg/Kg	1.00	11/15/2004 22:59	Q1
Benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 22:59	
Toluene	ND	0.0050	mg/Kg	1.00	11/15/2004 22:59	
Ethyl benzene	ND	0.0050	mg/Kg	1.00	11/15/2004 22:59	
Xylene(s)	ND	0.0050	mg/Kg	1.00	11/15/2004 22:59	
<b>Surrogate(s)</b>						
Trifluorotoluene	100.3	53-125	%	1.00	11/15/2004 22:59	
Trifluorotoluene-FID	85.0	53-125	%	1.00	11/15/2004 22:59	

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11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

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1120 Hollywood Ave, Suite 3

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Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035

5035

Method Blank

MB: 2004/11/14-01.05-017

Test(s): 8015M

8021B

Soil

QC Batch # 2004/11/14-01.05

Date Extracted: 11/14/2004 20:47

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	11/14/2004 20:47	
Benzene	ND	0.0050	mg/Kg	11/14/2004 20:47	
Toluene	ND	0.0050	mg/Kg	11/14/2004 20:47	
Ethyl benzene	ND	0.0050	mg/Kg	11/14/2004 20:47	
Xylene(s)	ND	0.0050	mg/Kg	11/14/2004 20:47	
<b>Surrogates(s)</b>					
Trifluorotoluene	100.2	53-125	%	11/14/2004 20:47	
4-Bromofluorobenzene-FID	76.9	58-124	%	11/14/2004 20:47	

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

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Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035  
5035

Test(s): 8015M  
8021B

Method Blank

Soil

QC Batch # 2004/11/15-01.05

MB: 2004/11/15-01.05-001

Date Extracted: 11/15/2004 14:50

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1.0	mg/Kg	11/15/2004 14:50	
Benzene	ND	0.0050	mg/Kg	11/15/2004 14:50	
Toluene	ND	0.0050	mg/Kg	11/15/2004 14:50	
Ethyl benzene	ND	0.0050	mg/Kg	11/15/2004 14:50	
Xylene(s)	ND	0.0050	mg/Kg	11/15/2004 14:50	
<b>Surrogates(s)</b>					
Trifluorotoluene	112.1	53-125	%	11/15/2004 14:50	
4-Bromofluorobenzene-FID	79.2	58-124	%	11/15/2004 14:50	

Severn Trent Laboratories, Inc.

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11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

**Batch QC Report**

Prep(s): 5035

Test(s): 8021B

Laboratory Control Spike

Soil

QC Batch # 2004/11/14-01.05

LCS 2004/11/14-01.05-018  
LCSD

Extracted: 11/14/2004

Analyzed: 11/14/2004 21:20

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.0957		0.1000	95.7			77-123	35		
Toluene	0.0902		0.1000	90.2			78-122	35		
Ethyl benzene	0.0866		0.1000	86.6			70-130	35		
Xylene(s)	0.271		0.300	90.3			75-125	35		
<b>Surrogates(s)</b>										
Trifluorotoluene	495		500	99.0			53-125			

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11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

**Batch QC Report**

Prep(s): 5035

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2004/11/14-01.05

LCS 2004/11/14-01.05-019  
LCSD

Extracted: 11/14/2004

Analyzed: 11/14/2004 21:52

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	0.513		0.500	102.6			75-125	35		
<i>Surrogates(s)</i>										
4-Bromofluorobenzene-FID	387		500	77.4			58-124			

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**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035

Test(s): 8021B

Laboratory Control Spike

Soil

QC Batch # 2004/11/15-01.05

LCS 2004/11/15-01.05-002

Extracted: 11/15/2004

Analyzed: 11/15/2004 15:23

LCSD

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.104		0.1000	104.0			77-123	35		
Toluene	0.0993		0.1000	99.3			78-122	35		
Ethyl benzene	0.0968		0.1000	96.8			70-130	35		
Xylene(s)	0.294		0.300	98.0			75-125	35		
<b>Surrogates(s)</b>										
Trifluorotoluene	555		500	111.0			53-125			

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**Gas/BTEX by 8015M/8021**

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Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

**Batch QC Report**

Prep(s): 5035

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2004/11/15-01.05

LCS 2004/11/15-01.05-003  
LCSD

Extracted: 11/15/2004

Analyzed: 11/15/2004 15:56

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	0.527		0.500	105.4			75-125	35		
<i>Surrogates(s)</i>										
4-Bromofluorobenzene-FID	382		500	76.4			58-124			

**Gas/BTEX by 8015M/8021**

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035

Test(s): 8021B

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2004/11/14-01.05**

MWT-13-19 >> MS

Lab ID: 2004-11-0213 - 012

MS: 2004/11/14-01.05-021

Extracted: 11/14/2004

Analyzed: 11/14/2004 22:58

Dilution: 1.00

MSD: 2004/11/14-01.05-022

Extracted: 11/14/2004

Analyzed: 11/14/2004 23:31

Dilution: 1.00

Compound	Conc. mg/Kg		Spk.Level	Recovery %			Limits %		Flags		
	MS	MSD		Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Benzene	0.0878	0.0841	ND	0.0938	93.6	90.8	3.0	65-135	35		
Toluene	0.0835	0.0808	ND	0.0938	89.0	87.3	1.9	65-135	35		
Ethyl benzene	0.0887	0.0864	ND	0.0938	94.6	93.3	1.4	65-135	35		
Xylene(s)	0.244	0.236	ND	0.2814	86.7	84.9	2.1	65-135	35		
<b>Surrogate(s)</b>											
Trifluorotoluene	479	472		500	95.8	94.4		53-125			

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11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035

Test(s): 8015M

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2004/11/14-01.05**

MWT-13-19 >> MS

Lab ID: 2004-11-0213 - 012

MS: 2004/11/14-01.05-023

Extracted: 11/15/2004

Analyzed: 11/15/2004 00:03

Dilution: 1.00

MSD: 2004/11/14-01.05-024

Extracted: 11/15/2004

Analyzed: 11/15/2004 00:36

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Gasoline	0.480	0.492	ND	0.460	104.3	103.6	0.7	65-135	35		
<i>Surrogate(s)</i> 4-Bromofluorobenzene-FID	382	382		500	76.3	76.4		58-124			

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11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035

Test(s): 8021B

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2004/11/15-01.05**

MS/MSD

Lab ID: 2004-11-0400 - 003

MS: 2004/11/15-01.05-006

Extracted: 11/15/2004

Analyzed: 11/15/2004 17:33

Dilution: 1.00

MSD: 2004/11/15-01.05-007

Extracted: 11/15/2004

Analyzed: 11/15/2004 18:06

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	0.0892	0.0936	ND	0.0936	95.3	103.9	8.6	65-135	35		
Toluene	0.0865	0.0915	ND	0.0936	92.4	101.6	9.5	65-135	35		
Ethyl benzene	0.0858	0.0968	ND	0.0936	91.7	107.4	15.8	65-135	35		
Xylene(s)	0.249	0.260	ND	0.2808	88.7	96.3	8.2	65-135	35		
<b>Surrogate(s)</b>											
Trifluorotoluene	525	548		500	105.1	109.6		53-125			

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11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 5035

Test(s): 8015M

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2004/11/15-01.05**

MS/MSD

Lab ID: 2004-11-0400 - 003

MS: 2004/11/15-01.05-008

Extracted: 11/15/2004

Analyzed: 11/15/2004 18:38

Dilution: 1.00

MSD: 2004/11/15-01.05-009

Extracted: 11/15/2004

Analyzed: 11/15/2004 19:10

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Gasoline	0.475	0.504	ND	0.496	95.8	103.5	7.7	65-135	35		
<i>Surrogate(s)</i>											
4-Bromofluorobenzene-FID	387	368		500	77.4	73.6		58-124			

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11/17/2004 14:20

**Gas/BTEX by 8015M/8021**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

---

**Legend and Notes**

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**Result Flag**

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MWT-11-10	11/05/2004	Soil	2
MWT-11-15	11/05/2004	Soil	3
MWT-13-10	11/05/2004	Soil	10
MWT-14-10	11/05/2004	Soil	14
MWT-14-19.5	11/05/2004	Soil	16

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**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s): 5030 Test(s): 8015M  
5030 8021B  
Sample ID: **MWT-11-10** Lab ID: 2004-11-0213 - 2  
Sampled: 11/05/2004 Extracted: 11/11/2004 14:30  
Matrix: Soil QC Batch#: 2004/11/11-05.01  
Analysis Flag: L2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	170	50	mg/Kg	5.00	11/16/2004 17:36	Q1
Benzene	ND	3.1	mg/Kg	5.00	11/16/2004 17:36	
Toluene	ND	3.1	mg/Kg	5.00	11/16/2004 17:36	
Ethyl benzene	ND	3.1	mg/Kg	5.00	11/16/2004 17:36	
Xylene(s)	ND	3.1	mg/Kg	5.00	11/16/2004 17:36	
<b>Surrogate(s)</b>						
Trifluorotoluene	NA	53-125	%	1.00	11/16/2004 17:36	S3
4-Bromofluorobenzene-FID	NA	58-124	%	1.00	11/16/2004 17:36	S3

Severn Trent Laboratories, Inc.

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11/17/2004 16:26

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

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Prep(s): 5030	Test(s): 8015M
5030	8021B
Sample ID: <b>MWT-11-15</b>	Lab ID: 2004-11-0213 - 3
Sampled: 11/05/2004	Extracted: 11/11/2004 14:30
Matrix: Soil	QC Batch#: 2004/11/11-05.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	27	10	mg/Kg	1.00	11/16/2004 14:16	Q1
Benzene	ND	0.62	mg/Kg	1.00	11/16/2004 14:16	
Toluene	ND	0.62	mg/Kg	1.00	11/16/2004 14:16	
Ethyl benzene	ND	0.62	mg/Kg	1.00	11/16/2004 14:16	
Xylene(s)	ND	0.62	mg/Kg	1.00	11/16/2004 14:16	
<b>Surrogate(s)</b>						
Trifluorotoluene	100.0	53-125	%	1.00	11/16/2004 14:16	
Trifluorotoluene-FID	111.9	53-125	%	1.00	11/16/2004 14:16	

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 5030 Test(s): 8015M  
5030 8021B  
Sample ID: **MWT-13-10** Lab ID: 2004-11-0213 - 10  
Sampled: 11/05/2004 Extracted: 11/11/2004 14:30  
Matrix: Soil QC Batch#: 2004/11/11-05.01  
Analysis Flag: L2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	520	100	mg/Kg	10.00	11/16/2004 18:43	Q1
Benzene	ND	6.2	mg/Kg	10.00	11/16/2004 18:43	
Toluene	ND	6.2	mg/Kg	10.00	11/16/2004 18:43	
Ethyl benzene	ND	6.2	mg/Kg	10.00	11/16/2004 18:43	
Xylene(s)	ND	6.2	mg/Kg	10.00	11/16/2004 18:43	
<b>Surrogate(s)</b>						
Trifluorotoluene	NA	53-125	%	1.00	11/16/2004 18:43	S3
4-Bromofluorobenzene-FID	NA	58-124	%	1.00	11/16/2004 18:43	S3

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 5030 Test(s): 8015M  
5030 8021B  
Sample ID: MWT-14-10 Lab ID: 2004-11-0213 - 14  
Sampled: 11/05/2004 Extracted: 11/11/2004 14:30  
Matrix: Soil QC Batch#: 2004/11/11-05.01  
Analysis Flag: L2 ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	360	100	mg/Kg	10.00	11/16/2004 18:09	Q1
Benzene	ND	6.2	mg/Kg	10.00	11/16/2004 18:09	
Toluene	ND	6.2	mg/Kg	10.00	11/16/2004 18:09	
Ethyl benzene	ND	6.2	mg/Kg	10.00	11/16/2004 18:09	
Xylene(s)	ND	6.2	mg/Kg	10.00	11/16/2004 18:09	
<b>Surrogate(s)</b>						
Trifluorotoluene	NA	53-125	%	1.00	11/16/2004 18:09	S3
4-Bromofluorobenzene-FID	NA	58-124	%	1.00	11/16/2004 18:09	S3

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s):	5030	Test(s):	8015M
	5030		8021B
Sample ID:	MWT-14-19.5	Lab ID:	2004-11-0213 - 16
Sampled:	11/05/2004	Extracted:	11/11/2004 14:30
Matrix:	Soil	QC Batch#:	2004/11/11-05.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	82	10	mg/Kg	1.00	11/16/2004 19:16	Q1
Benzene	ND	0.62	mg/Kg	1.00	11/16/2004 19:16	
Toluene	ND	0.62	mg/Kg	1.00	11/16/2004 19:16	
Ethyl benzene	ND	0.62	mg/Kg	1.00	11/16/2004 19:16	
Xylene(s)	ND	0.62	mg/Kg	1.00	11/16/2004 19:16	
<b>Surrogate(s)</b>						
Trifluorotoluene	99.5	53-125	%	1.00	11/16/2004 19:16	
Trifluorotoluene-FID	112.7	53-125	%	1.00	11/16/2004 19:16	

**Gas/BTEX Compounds (High Level)**

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Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

**Batch QC Report**

Prep(s): 5030  
5030

Test(s): 8015M  
8021B

Method Blank

Soil

QC Batch # 2004/11/11-05.01

MB: 2004/11/11-05.01-001

Date Extracted: 11/11/2004 14:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	10	mg/Kg	11/16/2004 10:55	
Benzene	ND	0.62	mg/Kg	11/16/2004 10:55	
Toluene	ND	0.62	mg/Kg	11/16/2004 10:55	
Ethyl benzene	ND	0.62	mg/Kg	11/16/2004 10:55	
Xylene(s)	ND	0.62	mg/Kg	11/16/2004 10:55	
<b>Surrogates(s)</b>					
Trifluorotoluene	104.0	53-125	%	11/16/2004 10:55	
4-Bromofluorobenzene-FID	105.0	58-124	%	11/16/2004 10:55	

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11/17/2004 16:26

**Gas/BTEX Compounds (High Level)**

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Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

**Batch QC Report**

Prep(s): 5030

Test(s): 8021B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/11/11-05.01**

LCS 2004/11/11-05.01-002

Extracted: 11/11/2004

Analyzed: 11/16/2004 11:28

LCSD 2004/11/11-05.01-003

Extracted: 11/11/2004

Analyzed: 11/16/2004 12:02

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	0.130	0.132	0.125	104.0	105.6	1.5	77-123	35		
Toluene	0.125	0.126	0.125	100.0	100.8	0.8	78-122	35		
Ethyl benzene	0.128	0.131	0.125	102.4	104.8	2.3	70-130	35		
Xylene(s)	0.393	0.406	0.375	104.8	108.3	3.3	75-125	35		
<b>Surrogates(s)</b>										
Trifluorotoluene	548	532	500	109.6	106.4		53-125	0		

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**Gas/BTEX Compounds (High Level)**

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Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/11/11-05.01**

LCS 2004/11/11-05.01-004

Extracted: 11/11/2004

Analyzed: 11/16/2004 12:35

LCSD 2004/11/11-05.01-005

Extracted: 11/11/2004

Analyzed: 11/16/2004 13:08

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	6.16	6.24	6.25	98.6	99.8	1.2	75-125	35		
<i>Surrogates(s)</i>										
4-Bromofluorobenzene-FID	606	615	500	121.2	123.0		58-124	0		

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**Gas/BTEX Compounds (High Level)**

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

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**Legend and Notes**

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**Analysis Flag**

L2

Reporting limits were raised due to high level of analyte present in the sample.

**Result Flag**

Q1

Quantit. of unknown hydrocarbon(s) in sample based on gasoline.

S3

Surrogate recovery not reportable due to required dilution.

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**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3  
Oakland, CA 94602-1459  
Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
MWT-11-5	11/05/2004	Soil	1
MWT-11-10	11/05/2004	Soil	2
MWT-11-15	11/05/2004	Soil	3
MWT-11-19.5	11/05/2004	Soil	4
MWT-12-5	11/05/2004	Soil	5
MWT-12-10	11/05/2004	Soil	6
MWT-12-15	11/05/2004	Soil	7
MWT-12-19.5	11/05/2004	Soil	8
MWT-13-5	11/05/2004	Soil	9
MWT-13-10	11/05/2004	Soil	10
MWT-13-15	11/05/2004	Soil	11
MWT-13-19	11/05/2004	Soil	12
MWT-14-5	11/05/2004	Soil	13
MWT-14-10	11/05/2004	Soil	14
MWT-14-15	11/05/2004	Soil	15
MWT-14-19.5	11/05/2004	Soil	16

**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: MWT-11-5                      Lab ID: 2004-11-0213 - 1  
Sampled: 11/05/2004                      Extracted: 11/9/2004 12:29  
Matrix: Soil                                      QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.1	1.0	mg/Kg	1.00	11/10/2004 11:41	Q2
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 11:41	
<b>Surrogate(s)</b>						
o-Terphenyl	80.6	60-130	%	1.00	11/10/2004 11:41	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MWT-11-10	Lab ID: 2004-11-0213 - 2
Sampled: 11/05/2004	Extracted: 11/9/2004 12:29
Matrix: Soil	QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 12:09	
Mineral spirits	33	10	mg/Kg	1.00	11/10/2004 12:09	Q8
<i>Surrogate(s)</i>						
o-Terphenyl	71.3	60-130	%	1.00	11/10/2004 12:09	

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**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: <b>MWT-11-15</b>	Lab ID: 2004-11-0213 - 3
Sampled: 11/05/2004	Extracted: 11/9/2004 12:29
Matrix: Soil	QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.4	1.0	mg/Kg	1.00	11/10/2004 12:36	Q2
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 12:36	
<b>Surrogate(s)</b>						
o-Terphenyl	75.0	60-130	%	1.00	11/10/2004 12:36	

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Received: 11/05/2004 17:00

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: **MWT-11-19.5**                      Lab ID: 2004-11-0213 - 4  
Sampled: 11/05/2004                      Extracted: 11/9/2004 12:29  
Matrix: Soil                      QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 13:04	
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 13:04	
<b>Surrogate(s)</b>						
o-Terphenyl	71.6	60-130	%	1.00	11/10/2004 13:04	

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	MWT-12-5	Lab ID:	2004-11-0213 - 5
Sampled:	11/05/2004	Extracted:	11/9/2004 12:29
Matrix:	Soil	QC Batch#:	2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 13:31	
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 13:31	
<b>Surrogate(s)</b>						
o-Terphenyl	67.9	60-130	%	1.00	11/10/2004 13:31	

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Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	MWT-12-10	Lab ID:	2004-11-0213 - 6
Sampled:	11/05/2004	Extracted:	11/9/2004 12:29
Matrix:	Soil	QC Batch#:	2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 15:48	
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 15:48	
<b>Surrogate(s)</b>						
o-Terphenyl	76.6	60-130	%	1.00	11/10/2004 15:48	



Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 0004.082  
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Received: 11/05/2004 17:00

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: MWT-12-15                      Lab ID: 2004-11-0213 - 7  
Sampled: 11/05/2004                      Extracted: 11/9/2004 12:29  
Matrix: Soil                                      QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 12:36	
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 12:36	
<b>Surrogate(s)</b>						
o-Terphenyl	78.2	60-130	%	1.00	11/10/2004 12:36	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Received: 11/05/2004 17:00

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: **MWT-12-19.5**                      Lab ID: 2004-11-0213 - 8  
Sampled: 11/05/2004                      Extracted: 11/9/2004 12:29  
Matrix: Soil                      QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 13:04	
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 13:04	
<i>Surrogate(s)</i> o-Terphenyl	80.1	60-130	%	1.00	11/10/2004 13:04	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 3550/8015M                      Test(s): 8015M  
 Sample ID: MWT-13-5                      Lab ID: 2004-11-0213 - 9  
 Sampled: 11/05/2004                      Extracted: 11/9/2004 12:29  
 Matrix: Soil                                      QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 13:31	
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 13:31	
<b>Surrogate(s)</b>						
o-Terphenyl	79.1	60-130	%	1.00	11/10/2004 13:31	

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Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: <b>MWT-13-10</b>	Lab ID: 2004-11-0213 - 10
Sampled: 11/05/2004	Extracted: 11/9/2004 12:29
Matrix: Soil	QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 13:58	
Mineral spirits	40	10	mg/Kg	1.00	11/10/2004 13:58	Q8
<b>Surrogate(s)</b>						
o-Terphenyl	79.4	60-130	%	1.00	11/10/2004 13:58	

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Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: **MWT-13-15**                      Lab ID: 2004-11-0213 - 11  
Sampled: 11/05/2004                      Extracted: 11/9/2004 12:29  
Matrix: Soil                                      QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 13:58	
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 13:58	
<b>Surrogate(s)</b> o-Terphenyl	75.3	60-130	%	1.00	11/10/2004 13:58	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s): 3550/8015M                      Test(s): 8015M  
Sample ID: **MWT-13-19**                      Lab ID: 2004-11-0213 - 12  
Sampled: 11/05/2004                      Extracted: 11/9/2004 12:29  
Matrix: Soil                                      QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 14:26	
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 14:26	
<i>Surrogate(s)</i>						
o-Terphenyl	81.5	60-130	%	1.00	11/10/2004 14:26	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.082

Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s): 3550/8015M                      Test(s): 8015M  
 Sample ID: **MWT-14-5**                      Lab ID: 2004-11-0213 - 13  
 Sampled: 11/05/2004                      Extracted: 11/9/2004 12:29  
 Matrix: Soil                                      QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 14:53	
Mineral spirits	ND	10	mg/Kg	1.00	11/10/2004 14:53	
<b>Surrogate(s)</b>						
o-Terphenyl	60.6	60-130	%	1.00	11/10/2004 14:53	

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Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	<b>MWT-14-10</b>	Lab ID:	2004-11-0213 - 14
Sampled:	11/05/2004	Extracted:	11/9/2004 12:29
Matrix:	Soil	QC Batch#:	2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 15:20	
Mineral spirits	110	10	mg/Kg	1.00	11/10/2004 15:20	Q8
<b>Surrogate(s)</b>						
o-Terphenyl	82.6	60-130	%	1.00	11/10/2004 15:20	



**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	<b>MWT-14-15</b>	Lab ID:	2004-11-0213 - 15
Sampled:	11/05/2004	Extracted:	11/9/2004 12:29
Matrix:	Soil	QC Batch#:	2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 15:48	
Mineral spirits	12	10	mg/Kg	1.00	11/10/2004 15:48	Q8
<b>Surrogate(s)</b>						
o-Terphenyl	73.9	60-130	%	1.00	11/10/2004 15:48	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

Oakland, CA 94602-1459

Phone: (510) 336-1772 Fax: (510) 336-9119

Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: <b>MWT-14-19.5</b>	Lab ID: 2004-11-0213 - 16
Sampled: 11/05/2004	Extracted: 11/9/2004 12:29
Matrix: Soil	QC Batch#: 2004/11/09-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	11/10/2004 14:26	
Mineral spirits	15	10	mg/Kg	1.00	11/10/2004 14:26	Q8
<b>Surrogate(s)</b>						
o-Terphenyl	75.6	60-130	%	1.00	11/10/2004 14:26	

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

11/12/2004 13:54

**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

Method Blank

Soil

QC Batch # 2004/11/09-05.10

MB: 2004/11/09-05.10-001

Date Extracted: 11/09/2004 12:29

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	11/10/2004 11:45	
Mineral spirits	ND	10	mg/Kg	11/10/2004 11:45	
<b>Surrogates(s)</b> o-Terphenyl	77.6	60-130	%	11/10/2004 11:45	

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Project: 0004.082  
Bay Rock - Oak Walk Emeryville

Received: 11/05/2004 17:00

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

**Laboratory Control Spike**

**Soil**

**QC Batch # 2004/11/09-05.10**

LCS 2004/11/09-05.10-002

Extracted: 11/09/2004

Analyzed: 11/10/2004 12:12

LCSD 2004/11/09-05.10-003

Extracted: 11/09/2004

Analyzed: 11/10/2004 12:48

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	30.4	29.3	41.6	73.1	70.4	3.8	60-130	25		
<b>Surrogates(s)</b> o-Terphenyl	18.3	17.4	20.0	91.3	86.9		60-130	0		

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**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.082

Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2004/11/09-05.10**

MWT-13-15 >> MS

Lab ID: 2004-11-0213 - 011

MS: 2004/11/09-05.10-004

Extracted: 11/09/2004

Analyzed: 11/10/2004 14:53

Dilution: 1.00

MSD: 2004/11/09-05.10-005

Extracted: 11/09/2004

Analyzed: 11/10/2004 15:20

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level mg/Kg	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Diesel	22.5	21.2	ND	41.3	54.5	51.2	6.2	60-130	25	M5	M5
<b>Surrogate(s)</b> o-Terphenyl	16.3	15.3		20.0	81.7	76.5		60-130	0		

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Received: 11/05/2004 17:00

Bay Rock - Oak Walk Emeryville

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**Legend and Notes**

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**Result Flag**

M5

MS/MSD spike recoveries were below acceptance limits.  
See blank spike (LCS).

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

Q8

Quantit. of unknown hydrocarbon(s) in sample based on Mineral Spirits

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11/12/2004 13:54

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS RECORD

2004-11-0213

Transmit results to office checked below:

- 33233 South Koster Road, Tracy, CA 95304  
Voice: (209) 832-2910 Fax: (209) 833-1288
- 1120 Hollywood Ave. No. 3, Oakland, CA 94602

Laboratory: **STL San Francisco**  
Carrier: The San Joaquin Company Inc.

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.082** Project Mgr.: **DJW**  
Sampling Team: **DA**  
Site Global I.D. No.: **n/a**

Waybill No.: n/a

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
MWT-11-5	Soil	MWT-11	NA	TBD	11/05/04	N/A		
MWT-11-10	"	"						
MWT-11-15	"	"						
MWT-11-17.5	"	"						
MWT-12-5		MWT-12						
MWT-12-10		"						
MWT-12-15		"						
MWT-12-17.5		"						
MWT-13-5		MWT-13						
MWT-13-10		"						
MWT-13-15		"						

Sample Hazards: Low to high concentrations of fuel hydrocarbons and solvents Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville (Emeryville Corners) Agreement.

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	DAL MARKINS	San Joaquin Co	—	—	11/05/04	17:00	<i>[Signature]</i>
Received/ Relinquished by:	<del>_____</del>						
Received/ Relinquished by:	<del>_____</del>						
Received/ Relinquished by:	<del>_____</del>						
Received at Laboratory by:	M. VILLANUEVA	STL SF	11/05/04	1700	—	—	<i>[Signature]</i>

