

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

ENVIRONMENTAL SITE CHARACTERIZATION

Oak Walk Redevelopment Site
Emeryville, California

for



VOLUME 4 of 6
Appendix III-C

April 2005

Project No.: 0004.083

APPENDIX III-C

LABORATORY CERTIFICATES OF ANALYSIS
SOIL FROM BORINGS AND MONITORING WELLS
(PART 2)

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

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

April 20, 2004

STL LOT NUMBER: **E4D060205**
PO/CONTRACT: 2004-04-0096

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

Dear Mr. Vancil,

This report contains the analytical results for the 24 samples received under chain of custody by STL Los Angeles on April 6, 2004. These samples are associated with your Bay Rock-Oak Walk Emeryville project.

STL Los Angeles certifies that the test results provided in this report meet all NELAP 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 for STL Los Angeles is 01118CA.

Any matrix related anomaly is footnoted within the report. A cooler receipt temperature between 2-6 degrees Celsius is within EPA acceptance criteria. The temperature(s) of the cooler received for this project can be found on the Project Receipt Checklist. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. All applicable quality control procedures met method-specified acceptance criteria.

The Analytical Report was provided to you on April 13, 2004.

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

This report contains 000094 pages.

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

Sincerely,

Maximilian Tokman for

Jesse Bacwaden
Project Manager

cc: Project File

000002



SEVERN
TRENT

STL

Analytical Report

EXECUTIVE SUMMARY - Detection Highlights

E4D060205

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
BE-1-5.0 04/02/04 12:10 001				
n-Butylbenzene	8400	250	ug/kg	SW846 8260B
sec-Butylbenzene	3100	250	ug/kg	SW846 8260B
Ethylbenzene	3400	250	ug/kg	SW846 8260B
Isopropylbenzene	2700	250	ug/kg	SW846 8260B
p-Isopropyltoluene	290	250	ug/kg	SW846 8260B
Naphthalene	18000	250	ug/kg	SW846 8260B
n-Propylbenzene	13000	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	12000	250	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	3800	250	ug/kg	SW846 8260B
Xylenes (total)	1600	250	ug/kg	SW846 8260B
BE-1-10.0 04/02/04 12:20 002				
Benzene	1000	500	ug/kg	SW846 8260B
n-Butylbenzene	3700	500	ug/kg	SW846 8260B
Ethylbenzene	14000	500	ug/kg	SW846 8260B
Isopropylbenzene	1400	500	ug/kg	SW846 8260B
Naphthalene	7500	500	ug/kg	SW846 8260B
n-Propylbenzene	6200	500	ug/kg	SW846 8260B
Toluene	21000	500	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	32000	500	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	12000	500	ug/kg	SW846 8260B
Xylenes (total)	73000	500	ug/kg	SW846 8260B
BE-1-15.0 04/02/04 12:25 003				
Benzene	19	5.0	ug/kg	SW846 8260B
n-Butylbenzene	14	5.0	ug/kg	SW846 8260B
Ethylbenzene	17	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	11	5.0	ug/kg	SW846 8260B
Naphthalene	120	5.0	ug/kg	SW846 8260B
n-Propylbenzene	27	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	54	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	13	5.0	ug/kg	SW846 8260B
Xylenes (total)	50	5.0	ug/kg	SW846 8260B
BE-1-20.0 04/02/04 12:40 004				
Acetone	31	25	ug/kg	SW846 8260B
Benzene	6.9	5.0	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E4D060205

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MWT-1-11.5 04/02/04 11:40 006				
sec-Butylbenzene	23	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	22	5.0	ug/kg	SW846 8260B
MWT-1-15.0 04/02/04 11:45 007				
n-Butylbenzene	5.1	5.0	ug/kg	SW846 8260B
BE-1-25.0 04/02/04 12:45 008				
Methyl tert-butyl ether	12	5.0	ug/kg	SW846 8260B
MWT-2-10.0 04/02/04 10:35 010				
n-Butylbenzene	1800	250	ug/kg	SW846 8260B
sec-Butylbenzene	440	250	ug/kg	SW846 8260B
Ethylbenzene	1500	250	ug/kg	SW846 8260B
Isopropylbenzene	500	250	ug/kg	SW846 8260B
Naphthalene	1200	250	ug/kg	SW846 8260B
n-Propylbenzene	2400	250	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	10000	250	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	3800	250	ug/kg	SW846 8260B
Xylenes (total)	5100	250	ug/kg	SW846 8260B
MWT-2-15.0 04/02/04 10:55 011				
Acetone	99	25	ug/kg	SW846 8260B
2-Butanone	27	25	ug/kg	SW846 8260B
n-Butylbenzene	35	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	7.9	5.0	ug/kg	SW846 8260B
Ethylbenzene	14	5.0	ug/kg	SW846 8260B
Isopropylbenzene	5.5	5.0	ug/kg	SW846 8260B
Naphthalene	80	5.0	ug/kg	SW846 8260B
n-Propylbenzene	32	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	180	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	47	5.0	ug/kg	SW846 8260B
Xylenes (total)	28	5.0	ug/kg	SW846 8260B
BE-2-5.0 04/02/04 13:25 013				
Benzene	520	500	ug/kg	SW846 8260B
n-Butylbenzene	9100	500	ug/kg	SW846 8260B
sec-Butylbenzene	2400	500	ug/kg	SW846 8260B
Ethylbenzene	10000	500	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E4D060205

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
BE-2-5.0 04/02/04 13:25 013				
Isopropylbenzene	2500	500	ug/kg	SW846 8260B
Naphthalene	18000	500	ug/kg	SW846 8260B
n-Propylbenzene	12000	500	ug/kg	SW846 8260B
Toluene	760	500	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	37000	500	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	14000	500	ug/kg	SW846 8260B
Xylenes (total)	26000	500	ug/kg	SW846 8260B
BE-2-10.0 04/02/04 13:30 014				
Benzene	7400	500	ug/kg	SW846 8260B
n-Butylbenzene	3300	500	ug/kg	SW846 8260B
Ethylbenzene	18000	500	ug/kg	SW846 8260B
Isopropylbenzene	1300	500	ug/kg	SW846 8260B
Naphthalene	6800	500	ug/kg	SW846 8260B
n-Propylbenzene	5700	500	ug/kg	SW846 8260B
Toluene	36000	500	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	29000	500	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	10000	500	ug/kg	SW846 8260B
Xylenes (total)	84000	500	ug/kg	SW846 8260B
BE-2-15.0 04/02/04 13:45 015				
Acetone	140	25	ug/kg	SW846 8260B
Benzene	9.7	5.0	ug/kg	SW846 8260B
n-Butylbenzene	46	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	19	5.0	ug/kg	SW846 8260B
Ethylbenzene	9.8	5.0	ug/kg	SW846 8260B
Isopropylbenzene	9.7	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	75	5.0	ug/kg	SW846 8260B
n-Propylbenzene	46	5.0	ug/kg	SW846 8260B
BE-2-20.0 04/02/04 13:50 016				
Methyl tert-butyl ether	110	5.0	ug/kg	SW846 8260B
BE-2-25.0 04/02/04 13:55 017				
Benzene	13	5.0	ug/kg	SW846 8260B
Ethylbenzene	8.7	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	18	5.0	ug/kg	SW846 8260B
Toluene	11	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	6.9	5.0	ug/kg	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E4D060205

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
BE-2-25.0 04/02/04 13:55 017				
Xylenes (total)	40	5.0	ug/kg	SW846 8260B
MWT-3-10.0 04/02/04 14:30 019				
tert-Butylbenzene	26 G	25	ug/kg	SW846 8260B
BE-3-5.0 04/02/04 15:00 021				
Acetone	110	25	ug/kg	SW846 8260B
BE-3-10.0 04/02/04 15:05 022				
Acetone	25	25	ug/kg	SW846 8260B

METHODS SUMMARY

E4D060205

<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

E4D060205

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GDLR1	001	BE-1-5.0	04/02/04	12:10
GDLTJ	002	BE-1-10.0	04/02/04	12:20
GDLTM	003	BE-1-15.0	04/02/04	12:25
GDLTQ	004	BE-1-20.0	04/02/04	12:40
GDLTW	005	MWT-1-4.0	04/02/04	11:25
GDLT2	006	MWT-1-11.5	04/02/04	11:40
GDLT8	007	MWT-1-15.0	04/02/04	11:45
GDLVF	008	BE-1-25.0	04/02/04	12:45
GDLVN	009	MWT-2-5.5	04/02/04	10:25
GDLVQ	010	MWT-2-10.0	04/02/04	10:35
GDLVT	011	MWT-2-15.0	04/02/04	10:55
GDLVX	012	MWT-2-20.0	04/02/04	11:05
GDLV2	013	BE-2-5.0	04/02/04	13:25
GDLWC	014	BE-2-10.0	04/02/04	13:30
GDLWF	015	BE-2-15.0	04/02/04	13:45
GDLWG	016	BE-2-20.0	04/02/04	13:50
GDLWJ	017	BE-2-25.0	04/02/04	13:55
GDLWM	018	MWT-3-5.0	04/02/04	14:20
GDLWQ	019	MWT-3-10.0	04/02/04	14:30
GDLWR	020	MWT-3-15.0	04/02/04	14:40
GDLWV	021	BE-3-5.0	04/02/04	15:00
GDLW5	022	BE-3-10.0	04/02/04	15:05
GDLW7	023	BE-3-15.0	04/02/04	15:10
GDLXC	024	BE-3-20.0	04/02/04	15:25

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: BE-1-5.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-001 Work Order #...: GDLR11AA Matrix.....: SO
 Date Sampled...: 04/02/04 12:10 Date Received...: 04/06/04 10:00 MS Run #.....: 4100273
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100534 Analysis Time...: 17:25
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	1200	ug/kg	400
Benzene	ND	250	ug/kg	100
Bromobenzene	ND	250	ug/kg	70
Bromochloromethane	ND	250	ug/kg	110
Bromoform	ND	250	ug/kg	100
Bromomethane	ND	500	ug/kg	250
2-Butanone	ND	1200	ug/kg	700
n-Butylbenzene	8400	250	ug/kg	70
sec-Butylbenzene	3100	250	ug/kg	70
tert-Butylbenzene	ND	250	ug/kg	70
Carbon disulfide	ND	250	ug/kg	120
Carbon tetrachloride	ND	250	ug/kg	100
Chlorobenzene	ND	250	ug/kg	100
Dibromochloromethane	ND	250	ug/kg	110
Bromodichloromethane	ND	250	ug/kg	100
Chloroethane	ND	500	ug/kg	250
Chloroform	ND	250	ug/kg	70
Chloromethane	ND	500	ug/kg	200
2-Chlorotoluene	ND	250	ug/kg	70
4-Chlorotoluene	ND	250	ug/kg	70
1,2-Dibromo-3-chloro- propane	ND	500	ug/kg	150
1,2-Dibromoethane (EDB)	ND	250	ug/kg	70
Dibromomethane	ND	250	ug/kg	110
1,2-Dichlorobenzene	ND	250	ug/kg	100
1,3-Dichlorobenzene	ND	250	ug/kg	70
1,4-Dichlorobenzene	ND	250	ug/kg	100
Dichlorodifluoromethane	ND	500	ug/kg	170
1,1-Dichloroethane	ND	250	ug/kg	100
1,2-Dichloroethane	ND	250	ug/kg	70
1,1-Dichloroethene	ND	250	ug/kg	120
cis-1,2-Dichloroethene	ND	250	ug/kg	120
trans-1,2-Dichloroethene	ND	250	ug/kg	120
1,2-Dichloropropane	ND	250	ug/kg	100
1,3-Dichloropropane	ND	250	ug/kg	150
2,2-Dichloropropane	ND	250	ug/kg	100
1,1-Dichloropropene	ND	250	ug/kg	100

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STL SAN FRANCISCO

Client Sample ID: BE-1-5.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-001 Work Order #....: GDLR11AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	250	ug/kg	100
trans-1,3-Dichloropropene	ND	250	ug/kg	70
Ethylbenzene	3400	250	ug/kg	70
Hexachlorobutadiene	ND	250	ug/kg	70
2-Hexanone	ND	1200	ug/kg	350
Isopropylbenzene	2700	250	ug/kg	120
p-Isopropyltoluene	290	250	ug/kg	70
Methylene chloride	ND	250	ug/kg	50
4-Methyl-2-pentanone	ND	1200	ug/kg	400
Methyl tert-butyl ether	ND	250	ug/kg	100
Naphthalene	18000	250	ug/kg	100
n-Propylbenzene	13000	250	ug/kg	110
Styrene	ND	500	ug/kg	100
1,1,1,2-Tetrachloroethane	ND	250	ug/kg	60
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	100
Tetrachloroethene	ND	250	ug/kg	80
Toluene	ND	250	ug/kg	60
1,2,3-Trichlorobenzene	ND	250	ug/kg	70
1,2,4-Trichloro- benzene	ND	250	ug/kg	70
1,1,1-Trichloroethane	ND	250	ug/kg	180
1,1,2-Trichloroethane	ND	250	ug/kg	100
Trichloroethene	ND	250	ug/kg	70
Trichlorofluoromethane	ND	500	ug/kg	70
1,2,3-Trichloropropane	ND	250	ug/kg	110
1,1,2-Trichlorotrifluoro- ethane	ND	250	ug/kg	100
1,2,4-Trimethylbenzene	12000	250	ug/kg	70
1,3,5-Trimethylbenzene	3800	250	ug/kg	120
Vinyl chloride	ND	500	ug/kg	150
Xylenes (total)	1600	250	ug/kg	180
Vinyl acetate	ND	500	ug/kg	380
2-Chloroethyl vinyl ether	ND	500	ug/kg	350

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(55 - 140)
1,2-Dichloroethane-d4	99	(55 - 140)
Toluene-d8	92	(55 - 140)

STL SAN FRANCISCO

Client Sample ID: BE-1-10.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-002 Work Order #....: GDLTJ1AA Matrix.....: SO
Date Sampled....: 04/02/04 12:20 Date Received...: 04/06/04 10:00 MS Run #.....: 4100273
Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
Prep Batch #....: 4100534 Analysis Time...: 19:32
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	1000	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	3700	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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STL SAN FRANCISCO

Client Sample ID: BE-1-10.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-002 Work Order #...: GDLTJ1AA 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	14000	500	ug/kg	140
Hexachlorobutadiene	ND	500	ug/kg	140
2-Hexanone	ND	2500	ug/kg	700
Isopropylbenzene	1400	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	7500	500	ug/kg	200
n-Propylbenzene	6200	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	21000	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	32000	500	ug/kg	140
1,3,5-Trimethylbenzene	12000	500	ug/kg	240
Vinyl chloride	ND	1000	ug/kg	300
Xylenes (total)	73000	500	ug/kg	360
Vinyl acetate	ND	1000	ug/kg	760
2-Chloroethyl vinyl ether	ND	1000	ug/kg	700
	PERCENT	RECOVERY		
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
Bromofluorobenzene	88	(55 - 140)		
1,2-Dichloroethane-d4	100	(55 - 140)		
Toluene-d8	95	(55 - 140)		

STL SAN FRANCISCO

Client Sample ID: BE-1-15.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-003 Work Order #....: GDLTM1AA Matrix.....: SO
 Date Sampled....: 04/02/04 12:25 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100395 Analysis Time...: 13:05
 Dilution Factor: 1
 ‡ Moisture.....: Analyst ID.....: 004648 Instrument ID...: MS0
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	19	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	14	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: BE-1-15.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-003 Work Order #....: GDLTM1AA 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	17	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	11	5.0	ug/kg	1.0
Naphthalene	120	5.0	ug/kg	2.0
n-Propylbenzene	27	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	54	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	13	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	50	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	90	(60 - 130)
1,2-Dichloroethane-d4	84	(60 - 140)
Toluene-d8	93	(70 - 130)

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Client Sample ID: BE-1-20.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-004 Work Order #...: GDLTQ1AA 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	
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
Bromofluorobenzene	86	(60 - 130)		
1,2-Dichloroethane-d4	87	(60 - 140)		
Toluene-d8	92	(70 - 130)		

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Client Sample ID: MWT-1-4.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-005 Work Order #...: GDLTW1AA 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	90	(60 - 130)
1,2-Dichloroethane-d4	83	(60 - 140)
Toluene-d8	90	(70 - 130)

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Client Sample ID: MWF-1-11.5

GC/MS Volatiles

Lot-Sample #....: E4D060205-006 Work Order #....: GDLT21AA Matrix.....: SO
 Date Sampled....: 04/02/04 11:40 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100395 Analysis Time...: 09:00
 Dilution Factor: 1
 ‡ Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 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	23	5.0	ug/kg	2.0
tert-Butylbenzene	22	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: MWT-1-11.5

GC/MS Volatiles

Lot-Sample #....: E4D060205-006 Work Order #....: GDLT21AA 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	397 *, I	(60 - 130)
1,2-Dichloroethane-d4	83	(60 - 140)
Toluene-d8	120	(70 - 130)

NOTE (S) :

* Surrogate recovery is outside stated control limits.

I Matrix interference.

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Client Sample ID: MWT-1-15.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-007 Work Order #....: GDLT81AA Matrix.....: SO
 Date Sampled....: 04/02/04 11:45 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100395 Analysis Time...: 09:20
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 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	5.1	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: MWT-1-15.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-007 Work Order #....: GDLT81AA 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	93	(60 - 130)
1,2-Dichloroethane-d4	81	(60 - 140)
Toluene-d8	91	(70 - 130)

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Client Sample ID: BR-1-25.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-008 Work Order #...: GDLVF1AA Matrix.....: SO
 Date Sampled...: 04/02/04 12:45 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100395 Analysis Time...: 09:40
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 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: BE-1-25.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-008 Work Order #....: GDLVF1AA 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	12	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	86	(60 - 130)
1,2-Dichloroethane-d4	82	(60 - 140)
Toluene-d8	91	(70 - 130)

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Client Sample ID: MWT-2-5.5

GC/MS Volatiles

Lot-Sample #...: E4D060205-009 Work Order #...: GDLVN1AA Matrix.....: SO
 Date Sampled...: 04/02/04 10:25 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100395 Analysis Time...: 10:00
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 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: MWT-2-5.5

GC/MS Volatiles

Lot-Sample #...: E4D060205-009 Work Order #...: GDLVN1AA 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	88	(60 - 130)
1,2-Dichloroethane-d4	82	(60 - 140)
Toluene-d8	91	(70 - 130)

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Client Sample ID: MWT-2-10.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-010 Work Order #...: GDLVQ1AA Matrix.....: SO
 Date Sampled...: 04/02/04 10:35 Date Received...: 04/06/04 10:00 MS Run #.....: 4100273
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100534 Analysis Time...: 18:08
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	1200	ug/kg	400
Benzene	ND	250	ug/kg	100
Bromobenzene	ND	250	ug/kg	70
Bromochloromethane	ND	250	ug/kg	110
Bromoform	ND	250	ug/kg	100
Bromomethane	ND	500	ug/kg	250
2-Butanone	ND	1200	ug/kg	700
n-Butylbenzene	1800	250	ug/kg	70
sec-Butylbenzene	440	250	ug/kg	70
tert-Butylbenzene	ND	250	ug/kg	70
Carbon disulfide	ND	250	ug/kg	120
Carbon tetrachloride	ND	250	ug/kg	100
Chlorobenzene	ND	250	ug/kg	100
Dibromochloromethane	ND	250	ug/kg	110
Bromodichloromethane	ND	250	ug/kg	100
Chloroethane	ND	500	ug/kg	250
Chloroform	ND	250	ug/kg	70
Chloromethane	ND	500	ug/kg	200
2-Chlorotoluene	ND	250	ug/kg	70
4-Chlorotoluene	ND	250	ug/kg	70
1,2-Dibromo-3-chloro- propane	ND	500	ug/kg	150
1,2-Dibromoethane (EDB)	ND	250	ug/kg	70
Dibromomethane	ND	250	ug/kg	110
1,2-Dichlorobenzene	ND	250	ug/kg	100
1,3-Dichlorobenzene	ND	250	ug/kg	70
1,4-Dichlorobenzene	ND	250	ug/kg	100
Dichlorodifluoromethane	ND	500	ug/kg	170
1,1-Dichloroethane	ND	250	ug/kg	100
1,2-Dichloroethane	ND	250	ug/kg	70
1,1-Dichloroethene	ND	250	ug/kg	120
cis-1,2-Dichloroethene	ND	250	ug/kg	120
trans-1,2-Dichloroethene	ND	250	ug/kg	120
1,2-Dichloropropane	ND	250	ug/kg	100
1,3-Dichloropropane	ND	250	ug/kg	150
2,2-Dichloropropane	ND	250	ug/kg	100
1,1-Dichloropropene	ND	250	ug/kg	100

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Client Sample ID: MWT-2-10.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-010 Work Order #...: GDLVQ1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	250	ug/kg	100
trans-1,3-Dichloropropene	ND	250	ug/kg	70
Ethylbenzene	1500	250	ug/kg	70
Hexachlorobutadiene	ND	250	ug/kg	70
2-Hexanone	ND	1200	ug/kg	350
Isopropylbenzene	500	250	ug/kg	120
p-Isopropyltoluene	ND	250	ug/kg	70
Methylene chloride	ND	250	ug/kg	50
4-Methyl-2-pentanone	ND	1200	ug/kg	400
Methyl tert-butyl ether	ND	250	ug/kg	100
Naphthalene	1200	250	ug/kg	100
n-Propylbenzene	2400	250	ug/kg	110
Styrene	ND	500	ug/kg	100
1,1,1,2-Tetrachloroethane	ND	250	ug/kg	60
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	100
Tetrachloroethene	ND	250	ug/kg	80
Toluene	ND	250	ug/kg	60
1,2,3-Trichlorobenzene	ND	250	ug/kg	70
1,2,4-Trichloro- benzene	ND	250	ug/kg	70
1,1,1-Trichloroethane	ND	250	ug/kg	180
1,1,2-Trichloroethane	ND	250	ug/kg	100
Trichloroethene	ND	250	ug/kg	70
Trichlorofluoromethane	ND	500	ug/kg	70
1,2,3-Trichloropropane	ND	250	ug/kg	110
1,1,2-Trichlorotrifluoro- ethane	ND	250	ug/kg	100
1,2,4-Trimethylbenzene	10000	250	ug/kg	70
1,3,5-Trimethylbenzene	3800	250	ug/kg	120
Vinyl chloride	ND	500	ug/kg	150
Xylenes (total)	5100	250	ug/kg	180
Vinyl acetate	ND	500	ug/kg	380
2-Chloroethyl vinyl ether	ND	500	ug/kg	350

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	97	(55 - 140)
1,2-Dichloroethane-d4	103	(55 - 140)
Toluene-d8	97	(55 - 140)

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Client Sample ID: MWT-2-15.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-011 Work Order #....: GDLVT1AA Matrix.....: SO
 Date Sampled...: 04/02/04 10:55 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100395 Analysis Time...: 13:45
 Dilution Factor: 1
 † Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	99	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	27	25	ug/kg	15
n-Butylbenzene	35	5.0	ug/kg	2.0
sec-Butylbenzene	7.9	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: MWT-2-15.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-011 Work Order #...: GDLVT1AA 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	14	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	5.5	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	80	5.0	ug/kg	2.0
n-Propylbenzene	32	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	180	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	47	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	28	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	92	(60 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	97	(70 - 130)

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Client Sample ID: MWT-2-20.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-012 Work Order #....: GDLVX1AA 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	87	(60 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	92	(70 - 130)

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Client Sample ID: BK-2-5.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-013 Work Order #....: GDLV21AA 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	10000	500	ug/kg	140
Hexachlorobutadiene	ND	500	ug/kg	140
2-Hexanone	ND	2500	ug/kg	700
Isopropylbenzene	2500	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	18000	500	ug/kg	200
n-Propylbenzene	12000	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	760	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	37000	500	ug/kg	140
1,3,5-Trimethylbenzene	14000	500	ug/kg	240
Vinyl chloride	ND	1000	ug/kg	300
Xylenes (total)	26000	500	ug/kg	360
Vinyl acetate	ND	1000	ug/kg	760
2-Chloroethyl vinyl ether	ND	1000	ug/kg	700
	PERCENT	RECOVERY		
SURROGATE	RECOVERY	LIMITS		
Bromofluorobenzene	85	(55 - 140)		
1,2-Dichloroethane-d4	97	(55 - 140)		
Toluene-d8	88	(55 - 140)		

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Client Sample ID: BE-2-10.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-014 Work Order #....: GDLWC1AA Matrix.....: SO
 Date Sampled....: 04/02/04 13:30 Date Received...: 04/06/04 10:00 MS Run #.....: 4100273
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100534 Analysis Time...: 21:19
 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	7400	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	3300	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: BR-2-10.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-014 Work Order #...: GDLWC1AA 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	18000	500	ug/kg	140
Hexachlorobutadiene	ND	500	ug/kg	140
2-Hexanone	ND	2500	ug/kg	700
Isopropylbenzene	1300	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
Napthalene	6800	500	ug/kg	200
n-Propylbenzene	5700	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	36000	500	ug/kg	120
1,2,3-Trichlorobenzene	ND	500	ug/kg	140
1,2,4-Trichlorobenzene	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-Trichlorotrifluoroethane	ND	500	ug/kg	200
1,2,4-Trimethylbenzene	29000	500	ug/kg	140
1,3,5-Trimethylbenzene	10000	500	ug/kg	240
Vinyl chloride	ND	1000	ug/kg	300
Xylenes (total)	84000	500	ug/kg	360
Vinyl acetate	ND	1000	ug/kg	760
2-Chloroethyl vinyl ether	ND	1000	ug/kg	700
	<u>PERCENT</u>	<u>RECOVERY</u>		
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>LIMITS</u>		
Bromofluorobenzene	101	(55 - 140)		
1,2-Dichloroethane-d4	107	(55 - 140)		
Toluene-d8	100	(55 - 140)		

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Client Sample ID: BK-2-15.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-015 Work Order #...: GDLWF1AA Matrix.....: SO
 Date Sampled...: 04/02/04 13:45 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100395 Analysis Time...: 10:20
 Dilution Factor: 1
 ‡ Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	140	25	ug/kg	15
Benzene	9.7	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	46	5.0	ug/kg	2.0
sec-Butylbenzene	19	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: BE-2-15.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-015 Work Order #....: GDLWF1AA 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	9.8	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Isopropylbenzene	9.7	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	75	5.0	ug/kg	1.0
Naphthalene	ND	5.0	ug/kg	2.0
n-Propylbenzene	46	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	90	(60 - 130)
1,2-Dichloroethane-d4	84	(60 - 140)
Toluene-d8	99	(70 - 130)

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Client Sample ID: BE-2-20.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-016 Work Order #....: GDLWG1AA Matrix.....: SO
 Date Sampled....: 04/02/04 13:50 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100395 Analysis Time...: 10:42
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 Method.....: SW846 8260B

PARAMETER	RESULT	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: BR-2-20.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-016 Work Order #...: GDLWG1AA 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	110	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	92	(60 - 130)		
1,2-Dichloroethane-d4	86	(60 - 140)		
Toluene-d8	96	(70 - 130)		

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Client Sample ID: BR-2-25.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-017 Work Order #....: GDLWJ1AA Matrix.....: SO
 Date Sampled....: 04/02/04 13:55 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100395 Analysis Time...: 11:04
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	15
Benzene	13	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: BR-2-25.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-017 Work Order #...: GDLWJ1AA 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	8.7	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	18	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	11	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	6.9	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)	40	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	90	(60 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	96	(70 - 130)

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Client Sample ID: MWT-3-5.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-018 Work Order #...: GDLWM1AA Matrix.....: SO
 Date Sampled...: 04/02/04 14:20 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100395 Analysis Time...: 11:24
 Dilution Factor: 1
 * Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 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: MWT-3-5.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-018 Work Order #...: GDLWM1AA 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	102	(60 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	100	(70 - 130)

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Client Sample ID: MWT-3-10.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-019 Work Order #....: GDLWQ1AA Matrix.....: SO
Date Sampled....: 04/02/04 14:30 Date Received...: 04/06/04 10:00 MS Run #.....: 4103325
Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
Prep Batch #....: 4103656 Analysis Time...: 15:38
Dilution Factor: 5
% Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND G	120	ug/kg	75
Benzene	ND G	25	ug/kg	10
Bromobenzene	ND G	25	ug/kg	10
Bromochloromethane	ND G	25	ug/kg	5.0
Bromoform	ND G	25	ug/kg	15
Bromomethane	ND G	50	ug/kg	40
2-Butanone	ND G	120	ug/kg	75
n-Butylbenzene	ND G	25	ug/kg	10
sec-Butylbenzene	ND G	25	ug/kg	10
tert-Butylbenzene	26 G	25	ug/kg	10
Carbon disulfide	ND G	25	ug/kg	15
Carbon tetrachloride	ND G	25	ug/kg	5.0
Chlorobenzene	ND G	25	ug/kg	10
Dibromochloromethane	ND G	25	ug/kg	5.0
Bromodichloromethane	ND G	25	ug/kg	5.0
Chloroethane	ND G	50	ug/kg	10
Chloroform	ND G	25	ug/kg	5.0
Chloromethane	ND G	50	ug/kg	15
2-Chlorotoluene	ND G	25	ug/kg	10
4-Chlorotoluene	ND G	25	ug/kg	10
1,2-Dibromo-3-chloro- propane	ND G	50	ug/kg	15
1,2-Dibromoethane (EDB)	ND G	25	ug/kg	15
Dibromomethane	ND G	25	ug/kg	5.0
1,2-Dichlorobenzene	ND G	25	ug/kg	10
1,3-Dichlorobenzene	ND G	25	ug/kg	10
1,4-Dichlorobenzene	ND G	25	ug/kg	10
Dichlorodifluoromethane	ND G	50	ug/kg	5.0
1,1-Dichloroethane	ND G	25	ug/kg	5.0
1,2-Dichloroethane	ND G	25	ug/kg	5.0
1,1-Dichloroethene	ND G	25	ug/kg	10
cis-1,2-Dichloroethene	ND G	25	ug/kg	10
trans-1,2-Dichloroethene	ND G	25	ug/kg	10
1,2-Dichloropropane	ND G	25	ug/kg	5.0
1,3-Dichloropropane	ND G	25	ug/kg	15
2,2-Dichloropropane	ND G	25	ug/kg	10
1,1-Dichloropropene	ND G	25	ug/kg	5.0

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Client Sample ID: MWT-3-10.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-019 Work Order #...: GDLWQ1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND G	25	ug/kg	5.0
trans-1,3-Dichloropropene	ND G	25	ug/kg	15
Ethylbenzene	ND G	25	ug/kg	10
Hexachlorobutadiene	ND G	25	ug/kg	10
2-Hexanone	ND G	120	ug/kg	50
Isopropylbenzene	ND G	25	ug/kg	10
p-Isopropyltoluene	ND G	25	ug/kg	10
Methylene chloride	ND G	25	ug/kg	15
4-Methyl-2-pentanone	ND G	120	ug/kg	50
Methyl tert-butyl ether	ND G	25	ug/kg	5.0
Naphthalene	ND G	25	ug/kg	10
n-Propylbenzene	ND G	25	ug/kg	10
Styrene	ND G	50	ug/kg	10
1,1,1,2-Tetrachloroethane	ND G	25	ug/kg	15
1,1,2,2-Tetrachloroethane	ND G	25	ug/kg	15
Tetrachloroethene	ND G	25	ug/kg	10
Toluene	ND G	25	ug/kg	10
1,2,3-Trichlorobenzene	ND G	25	ug/kg	10
1,2,4-Trichloro- benzene	ND G	25	ug/kg	10
1,1,1-Trichloroethane	ND G	25	ug/kg	5.0
1,1,2-Trichloroethane	ND G	25	ug/kg	15
Trichloroethene	ND G	25	ug/kg	10
Trichlorofluoromethane	ND G	50	ug/kg	10
1,2,3-Trichloropropane	ND G	25	ug/kg	15
1,1,2-Trichlorotrifluoro- ethane	ND G	25	ug/kg	15
1,2,4-Trimethylbenzene	ND G	25	ug/kg	10
1,3,5-Trimethylbenzene	ND G	25	ug/kg	10
Vinyl chloride	ND G	50	ug/kg	10
Xylenes (total)	ND G	25	ug/kg	15
Vinyl acetate	ND G	50	ug/kg	25
2-Chloroethyl vinyl ether	ND G	50	ug/kg	25

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	69	(60 - 130)
1,2-Dichloroethane-d4	84	(60 - 140)
Toluene-d8	96	(70 - 130)

NOTE(S):

G Elevated reporting limit. The reporting limit is elevated due to matrix interference.

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Client Sample ID: MWT-3-15.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-020 Work Order #...: GDLWR1AA 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	92	(60 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	98	(70 - 130)

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Client Sample ID: BE-3-5.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-021 Work Order #....: GDLWV1AA Matrix.....: SO
 Date Sampled....: 04/02/04 15:00 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100396 Analysis Time...: 17:32
 Dilution Factor: 1
 ‡ Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	110	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: BE-3-5.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-021 Work Order #....: GDLWV1AA 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	92	(60 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	95	(70 - 130)

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Client Sample ID: BE-3-10.0

GC/MS Volatiles

Lot-Sample #....: E4D060205-022 Work Order #....: GDLW51AA Matrix.....: SO
 Date Sampled....: 04/02/04 15:05 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100395 Analysis Time...: 14:25
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 004648 Instrument ID...: MSO
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	25	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: BE-3-10.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-022 Work Order #...: GDLW51AA 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	91	(60 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	96	(70 - 130)

STL SAN FRANCISCO

Client Sample ID: BE-3-15.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-023 Work Order #...: GDLW71AA 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	93	(60 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	96	(70 - 130)

STL SAN FRANCISCO

Client Sample ID: BE-3-20.0

GC/MS Volatiles

Lot-Sample #...: E4D060205-024 Work Order #...: GDLXC1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	250	ug/kg	100
trans-1,3-Dichloropropene	ND	250	ug/kg	70
Ethylbenzene	ND	250	ug/kg	70
Hexachlorobutadiene	ND	250	ug/kg	70
2-Hexanone	ND	1200	ug/kg	350
Isopropylbenzene	ND	250	ug/kg	120
p-Isopropyltoluene	ND	250	ug/kg	70
Methylene chloride	ND	250	ug/kg	50
4-Methyl-2-pentanone	ND	1200	ug/kg	400
Methyl tert-butyl ether	ND	250	ug/kg	100
Naphthalene	ND	250	ug/kg	100
n-Propylbenzene	ND	250	ug/kg	110
Styrene	ND	500	ug/kg	100
1,1,1,2-Tetrachloroethane	ND	250	ug/kg	60
1,1,2,2-Tetrachloroethane	ND	250	ug/kg	100
Tetrachloroethene	ND	250	ug/kg	80
Toluene	ND	250	ug/kg	60
1,2,3-Trichlorobenzene	ND	250	ug/kg	70
1,2,4-Trichloro- benzene	ND	250	ug/kg	70
1,1,1-Trichloroethane	ND	250	ug/kg	180
1,1,2-Trichloroethane	ND	250	ug/kg	100
Trichloroethene	ND	250	ug/kg	70
Trichlorofluoromethane	ND	500	ug/kg	70
1,2,3-Trichloropropane	ND	250	ug/kg	110
1,1,2-Trichlorotrifluoro- ethane	ND	250	ug/kg	100
1,2,4-Trimethylbenzene	ND	250	ug/kg	70
1,3,5-Trimethylbenzene	ND	250	ug/kg	120
Vinyl chloride	ND	500	ug/kg	150
Xylenes (total)	ND	250	ug/kg	180
Vinyl acetate	ND	500	ug/kg	380
2-Chloroethyl vinyl ether	ND	500	ug/kg	350
		PERCENT	RECOVERY	
<u>SURROGATE</u>	<u>RECOVERY</u>		<u>LIMITS</u>	
Bromofluorobenzene	66		(55 - 140)	
1,2-Dichloroethane-d4	92		(55 - 140)	
Toluene-d8	86		(55 - 140)	

SEVERN
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QA/QC

QC DATA ASSOCIATION SUMMARY

R4D060205

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		4100534	4100273
002	SO	SW846 8260B		4100534	4100273
003	SO	SW846 8260B		4100395	4100170
004	SO	SW846 8260B		4100395	4100170
005	SO	SW846 8260B		4100395	4100170
006	SO	SW846 8260B		4100395	4100170
007	SO	SW846 8260B		4100395	4100170
008	SO	SW846 8260B		4100395	4100170
009	SO	SW846 8260B		4100395	4100170
010	SO	SW846 8260B		4100534	4100273
011	SO	SW846 8260B		4100395	4100170
012	SO	SW846 8260B		4103656	4103325
013	SO	SW846 8260B		4100534	4100273
014	SO	SW846 8260B		4100534	4100273
015	SO	SW846 8260B		4100395	4100170
016	SO	SW846 8260B		4100395	4100170
017	SO	SW846 8260B		4100395	4100170
018	SO	SW846 8260B		4100395	4100170
019	SO	SW846 8260B		4103656	4103325
020	SO	SW846 8260B		4100395	4100170
021	SO	SW846 8260B		4100396	4100170

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

E4D060205

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>
022	SO	SW846 8260B		4100395	4100170
023	SO	SW846 8260B		4100395	4100170
024	SO	SW846 8260B		4100534	4100273

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D060205
 MB Lot-Sample #: E4D090000-395
 Analysis Date...: 04/08/04
 Dilution Factor: 1

Work Order #...: GDWH21AA
 Prep Date.....: 04/08/04
 Prep Batch #...: 4100395
 Analyst ID.....: 004648

Matrix.....: SOLID
 Analysis Time...: 07:48
 Instrument ID...: MSO

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 #...: E4D060205

Work Order #...: GDWH21AA

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
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	87	(60 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	92	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D060205
 MB Lot-Sample #: E4D090000-396
 Analysis Date...: 04/08/04
 Dilution Factor: 1

Work Order #...: GDWH51AA
 Prep Date.....: 04/08/04
 Prep Batch #...: 4100396
 Analyst ID.....: 004648

Matrix.....: SOLID
 Analysis Time...: 16:11
 Instrument ID...: MSO

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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GC/MS Volatiles

Client Lot #...: E4D060205
 MB Lot-Sample #: E4D090000-534

Work Order #...: GDXL11AA

Matrix.....: SOLID

Analysis Date...: 04/08/04
 Dilution Factor: 1

Prep Date.....: 04/08/04
 Prep Batch #...: 4100534

Analysis Time...: 14:33
 Instrument ID...: MSP

Analyst ID.....: 999998

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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GC/MS Volatiles

Client Lot #....: E4D060205

Work Order #....: GDXL11AA

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	92	(55 - 140)
1,2-Dichloroethane-d4	103	(55 - 140)
Toluene-d8	97	(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 #....: E4D060205
 MB Lot-Sample #: E4D120000-656
 Analysis Date...: 04/09/04
 Dilution Factor: 1

Work Order #....: GD1201AA
 Prep Date.....: 04/09/04
 Prep Batch #....: 4103656
 Analyst ID.....: 004648

Matrix.....: SOLID
 Analysis Time...: 09:03
 Instrument ID...: MSO

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 #...: E4D060205

Work Order #...: GD1201AA

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	90	(60 - 130)
1,2-Dichloroethane-d4	86	(60 - 140)
Toluene-d8	94	(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 #...: E4D060205 Work Order #...: GDWH21AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D090000-395
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100395 Analysis Time...: 07:28
 Dilution Factor: 1 Instrument ID...: MSO
 Analyst ID.....: 004648

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	106	(70 - 130)	SW846 8260B
Chlorobenzene	107	(70 - 130)	SW846 8260B
1,1-Dichloroethene	104	(65 - 150)	SW846 8260B
Toluene	106	(70 - 130)	SW846 8260B
Trichloroethene	106	(70 - 135)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	91	(60 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	95	(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 #....: E4D060205 Work Order #....: GDWH21AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D090000-395
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100395 Analysis Time...: 07:28
 Dilution Factor: 1 Instrument ID...: MSO
 Analyst ID.....: 004648

<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	53.0	ug/kg	106	SW846 8260B
Chlorobenzene	50.0	53.5	ug/kg	107	SW846 8260B
1,1-Dichloroethene	50.0	52.1	ug/kg	104	SW846 8260B
Toluene	50.0	53.1	ug/kg	106	SW846 8260B
Trichloroethene	50.0	53.0	ug/kg	106	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	91	(60 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	95	(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 EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E4D060205 Work Order #....: GDWH51AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D090000-396
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100396 Analysis Time...: 15:45
 Dilution Factor: 1 Instrument ID...: MSO
 Analyst ID.....: 004648

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	107	(70 - 130)	SW846 8260B
Chlorobenzene	109	(70 - 130)	SW846 8260B
1,1-Dichloroethene	103	(65 - 150)	SW846 8260B
Toluene	107	(70 - 130)	SW846 8260B
Trichloroethene	106	(70 - 135)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	95	(60 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	97	(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 #...: E4D060205 Work Order #...: GDWH51AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D090000-396
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100396 Analysis Time...: 15:45
 Dilution Factor: 1 Instrument ID...: MSO
 Analyst ID.....: 004648

<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	53.7	ug/kg	107	SW846 8260B
Chlorobenzene	50.0	54.5	ug/kg	109	SW846 8260B
1,1-Dichloroethene	50.0	51.5	ug/kg	103	SW846 8260B
Toluene	50.0	53.6	ug/kg	107	SW846 8260B
Trichloroethene	50.0	52.8	ug/kg	106	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	95	(60 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
Toluene-d8	97	(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 EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D060205 Work Order #...: GDXL11AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D090000-534
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100534 Analysis Time...: 13:51
 Dilution Factor: 1 Instrument ID...: MSP
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	97	(60 - 135)	SW846 8260B
Chlorobenzene	98	(60 - 125)	SW846 8260B
1,1-Dichloroethene	107	(55 - 130)	SW846 8260B
Toluene	99	(60 - 125)	SW846 8260B
Trichloroethene	99	(60 - 140)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	97	(55 - 140)
1,2-Dichloroethane-d4	110	(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 #...: E4D060205 Work Order #...: GDXL11AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D090000-534
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100534 Analysis Time...: 13:51
 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	2430	ug/kg	97	SW846 8260B
Chlorobenzene	2500	2440	ug/kg	98	SW846 8260B
1,1-Dichloroethene	2500	2660	ug/kg	107	SW846 8260B
Toluene	2500	2470	ug/kg	99	SW846 8260B
Trichloroethene	2500	2470	ug/kg	99	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	97	(55 - 140)
1,2-Dichloroethane-d4	110	(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 #....: E4D060205 Work Order #....: GD1201AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D120000-656
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #....: 4103656 Analysis Time...: 08:42
 Dilution Factor: 1 Instrument ID...: MSO
 Analyst ID.....: 004648

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	94	(70 - 130)	SW846 8260B
Chlorobenzene	97	(70 - 130)	SW846 8260B
1,1-Dichloroethene	92	(65 - 150)	SW846 8260B
Toluene	96	(70 - 130)	SW846 8260B
Trichloroethene	95	(70 - 135)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	91	(60 - 130)
1,2-Dichloroethane-d4	80	(60 - 140)
Toluene-d8	93	(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 #....: E4D060205 Work Order #....: GD1201AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D120000-656
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #....: 4103656 Analysis Time...: 08:42
 Dilution Factor: 1 Instrument ID...: MSO
 Analyst ID.....: 004648

<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	47.2	ug/kg	94	SW846 8260B
Chlorobenzene	50.0	48.4	ug/kg	97	SW846 8260B
1,1-Dichloroethene	50.0	46.2	ug/kg	92	SW846 8260B
Toluene	50.0	48.0	ug/kg	96	SW846 8260B
Trichloroethene	50.0	47.5	ug/kg	95	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	91	(60 - 130)
1,2-Dichloroethane-d4	80	(60 - 140)
Toluene-d8	93	(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 #....: E4D060205 Work Order #....: GDLTW1AC-MS Matrix.....: SO
 MS Lot-Sample #: E4D060205-005 GDLTW1AD-MSD
 Date Sampled...: 04/02/04 11:25 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #....: 4100395 Analysis Time...: 15:05
 Dilution Factor: 1 Analyst ID.....: 004648 Instrument ID...: MSO

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Benzene	109	(70 - 130)			SW846 8260B
	104	(70 - 130)	4.7	(0-30)	SW846 8260B
Chlorobenzene	106	(70 - 130)			SW846 8260B
	100	(70 - 130)	5.7	(0-30)	SW846 8260B
1,1-Dichloroethene	105	(65 - 150)			SW846 8260B
	101	(65 - 150)	3.2	(0-30)	SW846 8260B
Toluene	107	(70 - 130)			SW846 8260B
	103	(70 - 130)	4.2	(0-30)	SW846 8260B
Trichloroethene	106	(70 - 135)			SW846 8260B
	101	(70 - 135)	4.0	(0-30)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	98	(60 - 130)
	98	(60 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
	84	(60 - 140)
Toluene-d8	98	(70 - 130)
	98	(70 - 130)

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4D060205 Work Order #...: GDLTW1AC-MS Matrix.....: SO
 MS Lot-Sample #: E4D060205-005 GDLTW1AD-MSD
 Date Sampled...: 04/02/04 11:25 Date Received...: 04/06/04 10:00 MS Run #.....: 4100170
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100395 Analysis Time...: 15:05
 Dilution Factor: 1 Analyst ID.....: 004648 Instrument ID...: MSO

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Benzene	ND	50.0	54.3	ug/kg	109		SW846 8260B
	ND	50.0	51.8	ug/kg	104	4.7	SW846 8260B
Chlorobenzene	ND	50.0	52.8	ug/kg	106		SW846 8260B
	ND	50.0	49.9	ug/kg	100	5.7	SW846 8260B
1,1-Dichloroethene	ND	50.0	52.3	ug/kg	105		SW846 8260B
	ND	50.0	50.7	ug/kg	101	3.2	SW846 8260B
Toluene	ND	50.0	53.7	ug/kg	107		SW846 8260B
	ND	50.0	51.5	ug/kg	103	4.2	SW846 8260B
Trichloroethene	ND	50.0	52.8	ug/kg	106		SW846 8260B
	ND	50.0	50.7	ug/kg	101	4.0	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	98	(60 - 130)
	98	(60 - 130)
1,2-Dichloroethane-d4	85	(60 - 140)
	84	(60 - 140)
Toluene-d8	98	(70 - 130)
	98	(70 - 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 #...: E4D060205 Work Order #...: GDHDR1AC-MS Matrix.....: SOLID
 MS Lot-Sample #: E4D030154-014 GDHDR1AD-MSD
 Date Sampled...: 03/26/04 12:25 Date Received...: 04/02/04 10:30 MS Run #.....: 4100273
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100534 Analysis Time...: 16:34
 Dilution Factor: 1 % Moisture.....: 100 Analyst ID.....: 999998
 Instrument ID...: MSP

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>
Benzene	83	(60 - 135)			SW846 8260B
	89	(60 - 135)	7.3	(0-35)	SW846 8260B
Chlorobenzene	84	(60 - 125)			SW846 8260B
	91	(60 - 125)	8.1	(0-35)	SW846 8260B
1,1-Dichloroethene	80	(55 - 130)			SW846 8260B
	92	(55 - 130)	14	(0-35)	SW846 8260B
Toluene	84	(60 - 125)			SW846 8260B
	92	(60 - 125)	9.1	(0-35)	SW846 8260B
Trichloroethene	155 a, MSC	(60 - 140)			SW846 8260B
	39 a, p, MS	(60 - 140)	47	(0-35)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	86	(55 - 140)
	97	(55 - 140)
1,2-Dichloroethane-d4	95	(55 - 140)
	104	(55 - 140)
Toluene-d8	86	(55 - 140)
	98	(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.
- p Relative percent difference (RPD) 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 #...: E4D060205 Work Order #...: GDHDRIAC-MS Matrix.....: SOLID
 MS Lot-Sample #: E4D030154-014 GDHDRIAD-MSD
 Date Sampled...: 03/26/04 12:25 Date Received...: 04/02/04 10:30 MS Run #.....: 4100273
 Prep Date.....: 04/08/04 Analysis Date...: 04/08/04
 Prep Batch #...: 4100534 Analysis Time...: 16:34
 Dilution Factor: 1 % Moisture.....: 100 Analyst ID.....: 999998
 Instrument ID...: MSP

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECVRY	RPD	METHOD
Benzene	ND	2500	2070	ug/kg	83		SW846 8260B
	ND	2500	2230	ug/kg	89	7.3	SW846 8260B
Chlorobenzene	ND	2500	2090	ug/kg	84		SW846 8260B
	ND	2500	2270	ug/kg	91	8.1	SW846 8260B
1,1-Dichloroethene	ND	2500	2000	ug/kg	80		SW846 8260B
	ND	2500	2300	ug/kg	92	14	SW846 8260B
Toluene	ND	2500	2110	ug/kg	84		SW846 8260B
	ND	2500	2310	ug/kg	92	9.1	SW846 8260B
Trichloroethene	3800	2500	7690	ug/kg	155		SW846 8260B
	Qualifiers: a, MSC						
	3800	2500	4780	ug/kg	39	47	SW846 8260B
	Qualifiers: a, p, MSC						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(55 - 140)
	97	(55 - 140)
1,2-Dichloroethane-d4	95	(55 - 140)
	104	(55 - 140)
Toluene-d8	86	(55 - 140)
	98	(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.
 p Relative percent difference (RPD) 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 #...: E4D060205 Work Order #...: GDL2T1AC-MS Matrix.....: SOLID
 MS Lot-Sample #: E4D060237-001 GDL2T1AD-MSD
 Date Sampled...: 04/01/04 08:30 Date Received...: 04/06/04 10:00 MS Run #.....: 4103325
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103656 Analysis Time...: 16:19
 Dilution Factor: 1 * Moisture.....: 100 Analyst ID.....: 004648
 Instrument ID...: MSO

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	107	(70 - 130)			SW846 8260B
	95	(70 - 130)	11	(0-30)	SW846 8260B
Chlorobenzene	105	(70 - 130)			SW846 8260B
	95	(70 - 130)	10	(0-30)	SW846 8260B
1,1-Dichloroethene	104	(65 - 150)			SW846 8260B
	88	(65 - 150)	17	(0-30)	SW846 8260B
Toluene	107	(70 - 130)			SW846 8260B
	96	(70 - 130)	11	(0-30)	SW846 8260B
Trichloroethene	107	(70 - 135)			SW846 8260B
	93	(70 - 135)	14	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(60 - 130)
	93	(60 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
	83	(60 - 140)
Toluene-d8	96	(70 - 130)
	96	(70 - 130)

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4D060205 Work Order #...: GDL2T1AC-MS Matrix.....: SOLID
 MS Lot-Sample #: E4D060237-001 GDL2T1AD-MSD
 Date Sampled...: 04/01/04 08:30 Date Received...: 04/06/04 10:00 MS Run #.....: 4103325
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103656 Analysis Time...: 16:19
 Dilution Factor: 1 % Moisture.....: 100 Analyst ID.....: 004648
 Instrument ID...: MSO

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCNT		METHOD
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	
Benzene	ND	50.0	53.4	ug/kg	107		SW846 8260B
	ND	50.0	47.7	ug/kg	95	11	SW846 8260B
Chlorobenzene	ND	50.0	52.5	ug/kg	105		SW846 8260B
	ND	50.0	47.3	ug/kg	95	10	SW846 8260B
1,1-Dichloroethene	ND	50.0	52.2	ug/kg	104		SW846 8260B
	ND	50.0	44.2	ug/kg	88	17	SW846 8260B
Toluene	ND	50.0	53.7	ug/kg	107		SW846 8260B
	ND	50.0	48.1	ug/kg	96	11	SW846 8260B
Trichloroethene	ND	50.0	53.3	ug/kg	107		SW846 8260B
	ND	50.0	46.5	ug/kg	93	14	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	91	(60 - 130)
	93	(60 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
	83	(60 - 140)
Toluene-d8	96	(70 - 130)
	96	(70 - 130)

NOTE(S) :

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

E4D060205



Shipped: 4/5/2004 12:00:00AM

Chain of Custody

2004-04-0096 - 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 Ext:
 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 #: 2004-04-0096 Project #: 0004.082
 CL PO #: Project Name: Bay Rock-Oak Walk Emeryville

Client Sample ID	CL#	Sampled	Matrix	TAT
Analysis			Method	
BE-1-5.0	1	4/2/2004 12:10:00PM	Soil	
Volatile Organic Compounds by 8260B			8260B	5 Day
BE-1-10.0	2	4/2/2004 12:20:00PM	Soil	
Volatile Organic Compounds by 8260B			8260B	5 Day
BE-1-15.0	3	4/2/2004 12:25:00PM	Soil	
Volatile Organic Compounds by 8260B			8260B	5 Day
BE-1-20.0	4	4/2/2004 12:40:00PM	Soil	
Volatile Organic Compounds by 8260B			8260B	5 Day

RELINQUISHED BY: 1.

Signature: *[Signature]* Time: 10:30
 Printed Name: X. VILKANEVA Date: 04/05/04
 Company: STL SF

RECEIVED BY: 1.

Signature: *[Signature]* Time: 10:20
 Printed Name: JERRY SUMBY Date: 4/6/04
 Company: STL CA

RELINQUISHED BY: 2.

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

RECEIVED BY: 2.

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

RELINQUISHED BY: 3.

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

RECEIVED BY: 3.

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

000003

E4D060205



STL

Shipped: 4/5/2004 12:00:00AM

Chain of Custody

2004-04-0096 - 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

CL Submission #: 2004-04-0096
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. Rows include MWT-1-4.0, MWT-1-11.5, MWT-1-15.0, and BE-1-25.0.

RELINQUISHED BY: 1. Signature: M. Villanueva, Time: 10:58, Date: 04/05/04, 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: 10:00, Date: 4/5/04, Company: STL LA

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

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

000004

E4D040205



STL

Chain of Custody

Shipped: 4/5/2004 12:00:00AM

2004-04-0096 - 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

CL Submission #: 2004-04-0096 Project #: 0004.082
CL PO #: Project Name: Bay Rock-Oak Walk Emeryville

Table with 5 columns: Client Sample ID, CL#, Sampled, Matrix, TAT. Contains 4 rows of sample data (MWT-2-5.5, MWT-2-10.0, MWT-2-15.0, MWT-2-20.0).

RELINQUISHED BY: M. VILLANUEVA 04/05/04 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, Printed Name, Date, Company

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

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

000005

E4D060705



Shipped: 4/5/2004 12:00:00AM

Chain of Custody

2004-04-0096 - 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 #: 2004-04-0096 CL PO #:

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

Table with columns: Client Sample ID, Analysis, CL#, Sampled, Matrix Method, TAT. Rows include BE-2-5.0, BE-2-10.0, BE-2-15.0, and BE-2-20.0.

RELINQUISHED BY: 1. Signature: M. VILLANUEVA, Time: 04/05/04, Printed Name: STL SF, 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: 1000, Printed Name: _____, Date: 4-6-04, Company: STL LA

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

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

000006

E4D060205



STL

Shipped: 4/5/2004 12:00:00AM

Chain of Custody

2004-04-0096 - 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 Control
Phone: (714) 258-8610

CL Submission #: 2004-04-0096
CL PO #:

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

Table with 6 columns: Client Sample ID, Analysis, CL#, Sampled, Matrix Method, TAT. Contains 4 rows of sample data (BE-2-25.0, MWT-3-5.0, MWT-3-10.0, MWT-3-15.0).

RELINQUISHED BY: 1. Signature, Time, Printed Name, Date, Company. Includes handwritten signature and date 04/05/04.

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

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

RECEIVED BY: 1. Signature, Time, Printed Name, Date, Company. Includes handwritten signature and date 4/6/04.

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

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

000007

E40060205



STL

Shipped: 4/5/2004 12:00:00AM

Chain of Custody

2004-04-0096 - 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

CL Submission #: 2004-04-0096
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 4 rows of sample data (BE-3-5.0, BE-3-10.0, BE-3-15.0, BE-3-20.0).

RELINQUISHED BY: 1. Signature: M. Villanueva, Time: 1630, Date: 4/5/04, 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: Terry Swait, Time: 1000, Date: 4/6/04, Company: SPDA

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

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

000008

E4D060205

Shipped: 4/5/2004 12:00:00AM

SEVERN
TRENT

STL

Chain of Custody

2004-04-0096 - 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 Ext:
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 #: 2004-04-0096
CL PO #:

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

Client Sample ID	CL#	Sampled	Matrix	TAT
Analysis			Method	
PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS				

RELINQUISHED BY: *[Signature]* 16:50
 Signature: *[Signature]* Time: 04/05/04
 Printed Name: *STL SP* Date:
 Company:

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

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

RECEIVED BY: 1.
 Signature: *[Signature]* Time: 10:00
 Printed Name: *[Signature]* Date: *[Signature]*
 Company: *STL*

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

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

000009

San Joaquin Company, Inc.

April 19, 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 04/06/2004 18:40

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 05/21/2004 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

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 * 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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BG-2-5.0	04/06/2004 09:20	Soil	1
BG-2-15.0	04/06/2004 10:00	Soil	3
BG-1-5	04/06/2004 12:00	Soil	4
BG-1-20	04/06/2004 12:20	Soil	7
MW-7-5.0	04/06/2004 15:05	Soil	8
MW-7-10.0	04/06/2004 15:15	Soil	9

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

04/13/2004 16:23

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: 04/06/2004 18:40

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-7-10.0	Lab ID: 2004-04-0176 - 9
Sampled: 04/06/2004 15:15	Extracted: 4/8/2004 15:48
Matrix: Soil	QC Batch#: 2004/04/08-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/08/2004 15:48	
Benzene	ND	5.0	ug/Kg	1.00	04/08/2004 15:48	
Toluene	ND	5.0	ug/Kg	1.00	04/08/2004 15:48	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/08/2004 15:48	
Total xylenes	ND	5.0	ug/Kg	1.00	04/08/2004 15:48	
Surrogate(s)						
1,2-Dichloroethane-d4	97.1	70-121	%	1.00	04/08/2004 15:48	
Toluene-d8	99.8	81-117	%	1.00	04/08/2004 15:48	

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

04/13/2004 16:23

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: 04/06/2004 18:40

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/04/08-01.69-016

Soil

Test(s): 8260B

QC Batch # 2004/04/08-01.69

Date Extracted: 04/08/2004 09:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	04/08/2004 09:16	
Benzene	ND	5.0	ug/Kg	04/08/2004 09:16	
Toluene	ND	5.0	ug/Kg	04/08/2004 09:16	
Ethyl benzene	ND	5.0	ug/Kg	04/08/2004 09:16	
Total xylenes	ND	5.0	ug/Kg	04/08/2004 09:16	
Surrogates(s)					
1,2-Dichloroethane-d4	103.8	70-121	%	04/08/2004 09:16	
Toluene-d8	98.8	81-117	%	04/08/2004 09:16	

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: 04/06/2004 18:40

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/04/08-01.69

LCS 2004/04/08-01.69-039

Extracted: 04/08/2004

Analyzed: 04/08/2004 08:39

LCSD 2004/04/08-01.69-058

Extracted: 04/08/2004

Analyzed: 04/08/2004 08:58

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	55.0	54.2	50.0	110.0	108.4	1.5	69-129	20		
Toluene	52.3	51.8	50.0	104.6	103.6	1.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	499	516	500	99.8	103.2		70-121			
Toluene-d8	520	494	500	104.0	98.8		81-117			

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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BG-2-5.0	04/06/2004 09:20	Soil	1
BG-2-10.5	04/06/2004 09:45	Soil	2
BG-2-15.0	04/06/2004 10:00	Soil	3
BG-1-5	04/06/2004 12:00	Soil	4
BG-1-10	04/06/2004 12:10	Soil	5
BG-1-15	04/06/2004 12:20	Soil	6
BG-1-20	04/06/2004 12:20	Soil	7
MW-7-5.0	04/06/2004 15:05	Soil	8
MW-7-10.0	04/06/2004 15:15	Soil	9

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

04/13/2004 16:28

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: 04/06/2004 18:40

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	BG-2-5.0	Lab ID:	2004-04-0176 - 1
Sampled:	04/06/2004 09:20	Extracted:	4/8/2004 15:01
Matrix:	Soil	QC Batch#:	2004/04/08-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Fluorene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Chrysene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 18:22	
Surrogate(s)						
Nitrobenzene-d5	94.8	23-120	%	1.00	04/10/2004 18:22	
2-Fluorobiphenyl	97.7	30-115	%	1.00	04/10/2004 18:22	
p-Terphenyl-d14	83.5	18-137	%	1.00	04/10/2004 18:22	

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: 04/06/2004 18:40

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: BG-2-10.5	Lab ID: 2004-04-0176 - 2
Sampled: 04/06/2004 09:45	Extracted: 4/8/2004 15:01
Matrix: Soil	QC Batch#: 2004/04/08-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	2.6	0.067	mg/Kg	1.00	04/10/2004 18:51	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Fluorene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Chrysene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/10/2004 18:51	
2-Methylnaphthalene	3.0	0.067	mg/Kg	1.00	04/10/2004 18:51	
Surrogate(s)						
Nitrobenzene-d5	111.6	23-120	%	1.00	04/10/2004 18:51	
2-Fluorobiphenyl	101.4	30-115	%	1.00	04/10/2004 18:51	
p-Terphenyl-d14	86.7	18-137	%	1.00	04/10/2004 18:51	

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

04/13/2004 16:28

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: 04/06/2004 18:40

Prep(s): 3550B/8270C Test(s): 8270C
Sample ID: BG-2-15.0 Lab ID: 2004-04-0176 - 3
Sampled: 04/06/2004 10:00 Extracted: 4/8/2004 15:01
Matrix: Soil QC Batch#: 2004/04/08-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Fluorene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Chrysene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 19:20	
Surrogate(s)						
Nitrobenzene-d5	92.6	23-120	%	1.00	04/10/2004 19:20	
2-Fluorobiphenyl	89.4	30-115	%	1.00	04/10/2004 19:20	
p-Terphenyl-d14	88.4	18-137	%	1.00	04/10/2004 19:20	

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: 04/06/2004 18:40

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	BG-1-5	Lab ID:	2004-04-0176 - 4
Sampled:	04/06/2004 12:00	Extracted:	4/8/2004 15:01
Matrix:	Soil	QC Batch#:	2004/04/08-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Fluorene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Chrysene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/10/2004 13:33	
2-Methylnaphthalene	0.1	0.067	mg/Kg	1.00	04/10/2004 13:33	
Surrogate(s)						
Nitrobenzene-d5	69.8	23-120	%	1.00	04/10/2004 13:33	
2-Fluorobiphenyl	84.3	30-115	%	1.00	04/10/2004 13:33	
p-Terphenyl-d14	82.7	18-137	%	1.00	04/10/2004 13:33	

Severn Trent Laboratories, Inc.

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04/13/2004 16:28

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: 04/06/2004 18:40

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: BG-1-10	Lab ID: 2004-04-0176 - 5
Sampled: 04/06/2004 12:10	Extracted: 4/8/2004 15:01
Matrix: Soil	QC Batch#: 2004/04/08-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	1.2	0.34	mg/Kg	5.00	04/12/2004 15:36	
Acenaphthylene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Acenaphthene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Fluorene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Phenanthrene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Anthracene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Fluoranthene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Pyrene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Benzo(a)anthracene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Chrysene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Benzo(b)fluoranthene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Benzo(k)fluoranthene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Benzo(a)pyrene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Indeno(1,2,3-c,d)pyrene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Dibenzo(a,h)anthracene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
Benzo(g,h,i)perylene	ND	0.34	mg/Kg	5.00	04/12/2004 15:36	
2-Methylnaphthalene	3.5	0.067	mg/Kg	5.00	04/12/2004 15:36	
Surrogate(s)						
Nitrobenzene-d5	65.6	23-120	%	5.00	04/12/2004 15:36	
2-Fluorobiphenyl	69.2	30-115	%	5.00	04/12/2004 15:36	
p-Terphenyl-d14	51.4	18-137	%	5.00	04/12/2004 15:36	

PNA analysis by 8270C

San Joaquin Company, Inc.

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Project: 0004.082

Received: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: BG-1-15	Lab ID: 2004-04-0176 - 6
Sampled: 04/06/2004 12:20	Extracted: 4/8/2004 15:01
Matrix: Soil	QC Batch#: 2004/04/08-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Fluorene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Chrysene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 14:31	
Surrogate(s)						
Nitrobenzene-d5	70.6	23-120	%	1.00	04/10/2004 14:31	
2-Fluorobiphenyl	76.9	30-115	%	1.00	04/10/2004 14:31	
p-Terphenyl-d14	77.0	18-137	%	1.00	04/10/2004 14:31	

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PNA analysis by 8270C

San Joaquin Company, Inc.

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Project: 0004.082

Received: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: BG-1-20	Lab ID: 2004-04-0176 - 7
Sampled: 04/06/2004 12:20	Extracted: 4/8/2004 15:01
Matrix: Soil	QC Batch#: 2004/04/08-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Fluorene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Chrysene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 14:59	
Surrogate(s)						
Nitrobenzene-d5	74.7	23-120	%	1.00	04/10/2004 14:59	
2-Fluorobiphenyl	90.8	30-115	%	1.00	04/10/2004 14:59	
p-Terphenyl-d14	81.7	18-137	%	1.00	04/10/2004 14:59	

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PNA analysis by 8270C

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Project: 0004.082

Received: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MW-7-5.0	Lab ID: 2004-04-0176 - 8
Sampled: 04/06/2004 15:05	Extracted: 4/8/2004 15:01
Matrix: Soil	QC Batch#: 2004/04/08-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Fluorene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Chrysene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 15:28	
Surrogate(s)						
Nitrobenzene-d5	77.4	23-120	%	1.00	04/10/2004 15:28	
2-Fluorobiphenyl	85.2	30-115	%	1.00	04/10/2004 15:28	
p-Terphenyl-d14	79.5	18-137	%	1.00	04/10/2004 15:28	

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PNA analysis by 8270C

San Joaquin Company, Inc.

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Project: 0004.082

Received: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MW-7-10.0	Lab ID: 2004-04-0176 - 9
Sampled: 04/06/2004 15:15	Extracted: 4/8/2004 15:01
Matrix: Soil	QC Batch#: 2004/04/08-03.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Fluorene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Chrysene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/10/2004 15:57	
Surrogate(s)						
Nitrobenzene-d5	82.2	23-120	%	1.00	04/10/2004 15:57	
2-Fluorobiphenyl	84.8	30-115	%	1.00	04/10/2004 15:57	
p-Terphenyl-d14	89.5	18-137	%	1.00	04/10/2004 15:57	

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PNA analysis by 8270C

San Joaquin Company, Inc.

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

Project: 0004.082

Received: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2004/04/08-03.11

MB: 2004/04/08-03.11-001

Date Extracted: 04/08/2004 15:01

Compound	Conc.	RL	Unit	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	04/09/2004 13:50	
2-Methylnaphthalene	ND	0.067	mg/Kg	04/09/2004 13:50	
Acenaphthylene	ND	0.067	mg/Kg	04/09/2004 13:50	
Acenaphthene	ND	0.067	mg/Kg	04/09/2004 13:50	
Fluorene	ND	0.067	mg/Kg	04/09/2004 13:50	
Phenanthrene	ND	0.067	mg/Kg	04/09/2004 13:50	
Anthracene	ND	0.067	mg/Kg	04/09/2004 13:50	
Fluoranthene	ND	0.067	mg/Kg	04/09/2004 13:50	
Pyrene	ND	0.067	mg/Kg	04/09/2004 13:50	
Benzo(a)anthracene	ND	0.067	mg/Kg	04/09/2004 13:50	
Chrysene	ND	0.067	mg/Kg	04/09/2004 13:50	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	04/09/2004 13:50	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	04/09/2004 13:50	
Benzo(a)pyrene	ND	0.067	mg/Kg	04/09/2004 13:50	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	04/09/2004 13:50	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	04/09/2004 13:50	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	04/09/2004 13:50	
Surrogates(s)					
Nitrobenzene-d5	66.0	23-120	%	04/09/2004 13:50	
2-Fluorobiphenyl	87.3	30-115	%	04/09/2004 13:50	
p-Terphenyl-d14	81.5	18-137	%	04/09/2004 13:50	

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PNA analysis by 8270C

San Joaquin Company, Inc.

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Project: 0004.082
Bay Rock- Oak Walk Emeryville

Received: 04/06/2004 18:40

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Laboratory Control Spike

Soil

QC Batch # 2004/04/08-03.11

LCS 2004/04/08-03.11-002

Extracted: 04/08/2004

Analyzed: 04/10/2004 13:33

LCSD 2004/04/08-03.11-003

Extracted: 04/08/2004

Analyzed: 04/10/2004 14:02

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Acenaphthene	0.840	0.790	0.997	84.3	79.2	6.2	49-102	30		
Pyrene	0.790	0.820	0.997	79.2	82.2	3.7	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	20.3	20.4	25	81.2	81.6		23-120			
2-Fluorobiphenyl	23.3	22.5	25	93.2	90.0		30-115			
p-Terphenyl-d14	18.0	19.1	25	72.0	76.4		18-137			

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04/13/2004 16:28

PNA analysis by 8270C

San Joaquin Company, Inc.

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Project: 0004.082

Received: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Matrix Spike (MS / MSD)

Soil

QC Batch # 2004/04/08-03.11

MW-7-10.0 >> MS

Lab ID: 2004-04-0176 - 009

MS: 2004/04/08-03.11-004

Extracted: 04/08/2004

Analyzed: 04/10/2004 16:25

Dilution: 1.00

MSD: 2004/04/08-03.11-005

Extracted: 04/08/2004

Analyzed: 04/10/2004 16:54

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	0.840	0.940	ND	0.997	84.3	94.4	11.3	49-102	30		
Pyrene	1.22	1.02	ND	0.997	122.4	102.4	17.8	25-117	35	mso	
Surrogate(s)											
Nitrobenzene-d5	17.9	18.1		25	71.6	72.4		23-120	0		
2-Fluorobiphenyl	21.2	21.3		25	84.8	85.0		30-115	0		
p-Terphenyl-d14	21.8	18.7		25	87.3	74.8		18-137	0		

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04/13/2004 16:28

Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

Attn.: Dai Watkins

1120 Hollywood Ave, Suite 3

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Project: 0004.082

Received: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BG-2-5.0	04/06/2004 09:20	Soil	1
BG-2-10.5	04/06/2004 09:45	Soil	2
BG-2-15.0	04/06/2004 10:00	Soil	3
BG-1-5	04/06/2004 12:00	Soil	4
BG-1-10	04/06/2004 12:10	Soil	5
BG-1-15	04/06/2004 12:20	Soil	6
BG-1-20	04/06/2004 12:20	Soil	7
MW-7-5.0	04/06/2004 15:05	Soil	8
MW-7-10.0	04/06/2004 15:15	Soil	9

Severn Trent Laboratories, Inc.

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04/13/2004 17:08

Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

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Project: 0004.082

Received: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: BG-2-5.0	Lab ID: 2004-04-0176 - 1
Sampled: 04/06/2004 09:20	Extracted: 4/9/2004 08:00
Matrix: Soil	QC Batch#: 2004/04/09-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/10/2004 21:37	
Mineral spirits	ND	10	mg/Kg	1.00	04/10/2004 21:37	
<i>Surrogate(s)</i> o-Terphenyl	81.5	60-130	%	1.00	04/10/2004 21:37	

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

04/13/2004 17:08

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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: BG-2-10.5	Lab ID: 2004-04-0176 - 2
Sampled: 04/06/2004 09:45	Extracted: 4/9/2004 08:00
Matrix: Soil	QC Batch#: 2004/04/09-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/10/2004 22:07	
Mineral spirits	47	10	mg/Kg	1.00	04/10/2004 22:07	,nmsp
Surrogate(s)						
o-Terphenyl	82.1	60-130	%	1.00	04/10/2004 22:07	

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

04/13/2004 17:08

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: 04/06/2004 18:40

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: BG-2-15.0	Lab ID: 2004-04-0176 - 3
Sampled: 04/06/2004 10:00	Extracted: 4/9/2004 08:00
Matrix: Soil	QC Batch#: 2004/04/09-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/10/2004 22:38	
Mineral spirits	ND	10	mg/Kg	1.00	04/10/2004 22:38	
Surrogate(s) o-Terphenyl	81.0	60-130	%	1.00	04/10/2004 22:38	

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: 04/06/2004 18:40

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: BG-1-5	Lab ID: 2004-04-0176 - 4
Sampled: 04/06/2004 12:00	Extracted: 4/9/2004 08:00
Matrix: Soil	QC Batch#: 2004/04/09-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/10/2004 23:09	
Mineral spirits	ND	10	mg/Kg	1.00	04/10/2004 23:09	
<i>Surrogate(s)</i>						
o-Terphenyl	75.5	60-130	%	1.00	04/10/2004 23:09	

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: 04/06/2004 18:40

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: **BG-1-10** Lab ID: 2004-04-0176 - 5
Sampled: 04/06/2004 12:10 Extracted: 4/9/2004 08:00
Matrix: Soil QC Batch#: 2004/04/09-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/10/2004 23:40	
Mineral spirits	35	10	mg/Kg	1.00	04/10/2004 23:40	,nmsp
Surrogate(s)						
o-Terphenyl	82.3	60-130	%	1.00	04/10/2004 23:40	

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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: BG-1-15	Lab ID: 2004-04-0176 - 6
Sampled: 04/06/2004 12:20	Extracted: 4/9/2004 08:00
Matrix: Soil	QC Batch#: 2004/04/09-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3.7	1.0	mg/Kg	1.00	04/09/2004 21:19	edr
Mineral spirits	ND	10	mg/Kg	1.00	04/09/2004 21:19	
Surrogate(s)						
o-Terphenyl	78.9	60-130	%	1.00	04/09/2004 21:19	

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

04/13/2004 17:08

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: 04/06/2004 18:40

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: BG-1-20	Lab ID: 2004-04-0176 - 7
Sampled: 04/06/2004 12:20	Extracted: 4/9/2004 08:00
Matrix: Soil	QC Batch#: 2004/04/09-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/09/2004 21:50	
Mineral spirits	ND	10	mg/Kg	1.00	04/09/2004 21:50	
Surrogate(s)						
o-Terphenyl	77.8	60-130	%	1.00	04/09/2004 21:50	

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04/13/2004 17:08

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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MW-7-5.0	Lab ID: 2004-04-0176 - 8
Sampled: 04/06/2004 15:05	Extracted: 4/9/2004 08:00
Matrix: Soil	QC Batch#: 2004/04/09-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/09/2004 22:52	
Mineral spirits	ND	10	mg/Kg	1.00	04/09/2004 22:52	
Surrogate(s)						
o-Terphenyl	71.2	60-130	%	1.00	04/09/2004 22:52	

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04/13/2004 17:08

Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

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

Project: 0004.082

Received: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MW-7-10.0	Lab ID: 2004-04-0176 - 9
Sampled: 04/06/2004 15:15	Extracted: 4/9/2004 08:00
Matrix: Soil	QC Batch#: 2004/04/09-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/09/2004 22:21	
Mineral spirits	ND	10	mg/Kg	1.00	04/09/2004 22:21	
Surrogate(s)						
o-Terphenyl	74.8	60-130	%	1.00	04/09/2004 22:21	

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04/13/2004 17:08

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: 04/06/2004 18:40

Batch QC Report

Prep(s): 3550/8015M

Method Blank

MB: 2004/04/09-01.10-001

Soil

Test(s): 8015M

QC Batch # 2004/04/09-01.10

Date Extracted: 04/09/2004 08:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	04/09/2004 13:08	
Mineral spirits	ND	10	mg/Kg	04/09/2004 13:08	
Surrogates(s) o-Terphenyl	81.7	60-130	%	04/09/2004 13:08	

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: 04/06/2004 18:40

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2004/04/09-01.10

LCS 2004/04/09-01.10-002

Extracted: 04/09/2004

Analyzed: 04/09/2004 13:00

LCSD 2004/04/09-01.10-003

Extracted: 04/09/2004

Analyzed: 04/09/2004 13:26

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	31.7	32.1	41.4	76.6	77.5	1.2	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	16.5	16.7	20.0	82.3	83.4		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

04/13/2004 17:08

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: 04/06/2004 18:40

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Matrix Spike (MS / MSD)

Soil

QC Batch # 2004/04/09-01.10

BG-2-5.0 >> MS

Lab ID: 2004-04-0176 - 001

MS: 2004/04/09-01.10-004

Extracted: 04/09/2004

Analyzed: 04/10/2004 07:37

Dilution: 1.00

MSD: 2004/04/09-01.10-005

Extracted: 04/09/2004

Analyzed: 04/10/2004 08:04

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	33.0	32.9	ND	41.2	80.1	79.9	0.3	60-130	25		
Surrogate(s) o-Terphenyl	16.8	17.3		20.0	84.0	86.4		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

04/13/2004 17:08

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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Legend and Notes

Sample Comment

Lab ID: 2004-04-0176 -2

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

Lab ID: 2004-04-0176 -5

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

Result Flag

edr

Hydrocarbon reported is in the early Diesel range, and does not match our Diesel standard

E4D080364

Shipped: 4/7/2004 12:00:00AM

2004-04-0176 - 1

SEVERN
TRENT

STL

Chain of Custody

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 Ext:
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 #: 2004-04-0176
CL PO #:

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

Client Sample ID	CL#	Sampled	Matrix	Method	TAT
Analysis					

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1.

Signature: *Nounak* Time: 1530
 Printed Name: Nounak. Date: 04/07/04
 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: 1000
 Printed Name: *[Name]* Date: 4/8/04
 Company: *[Company]*

RECEIVED BY: 2.

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

RECEIVED BY: 3.

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

SEVERN
TRENT

STL

May 14, 2004

San Joaquin Company, Inc.
1120 Hollywood Avenue, Suite 3
Oakland, CA 94602-1456

Attn.: Dai Watkins

Enclosed are the hard copies of subcontract report(s). 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,

for
the 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

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

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

April 21, 2004

STL LOT NUMBER: **E4D080364**
PO/CONTRACT: 2004-04-0176

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

Dear Mr. Vancil,

This report contains the analytical results for the nine samples received under chain of custody by STL Los Angeles on April 8, 2004. These samples are associated with your Bay Rock Oak-Walk Emeryville project.

STL Los Angeles certifies that the test results provided in this report meet all NELAP 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 for STL Los Angeles is 01118CA.

Any matrix related anomaly is footnoted within the report. A cooler receipt temperature between 2-6 degrees Celsius is within EPA acceptance criteria. The temperature(s) of the cooler received for this project can be found on the Project Receipt Checklist. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. All applicable quality control procedures met method-specified acceptance criteria.

The Analytical Report was provided to you on April 19, 2004.

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

This report contains 000050 pages.

E4D080364

Shipped: 4/7/2004 12:00:00AM

SEVERN
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Chain of Custody

2004-04-0176 - 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 Ext:
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 #: 2004-04-0176
CL PO #:

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

Client Sample ID	CL#	Sampled	Matrix	TAT
Analysis			Method	

PLEASE INCLUDE QC WITH FAXED AND HARD-COPY RESULTS

RELINQUISHED BY: 1.

Signature: *V. Vancil* Time: 1530
 Printed Name: Vancil Date: 04/07/04
 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: 1530
 Printed Name: _____ Date: 4/8/04
 Company: BULLA

RECEIVED BY: 2.

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

RECEIVED BY: 3.

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

000004

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

Sincerely,

Maurice Taberna for

Jesse Bacwaden
Project Manager

cc: Project File



000002

SEVERN
TRENT

STL

Analytical Report

SAMPLE SUMMARY

E4D080364

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GDTPN	001	BG-2-5.0	04/06/04	09:20
GDTPP	002	BG-2-10.5	04/06/04	09:45
GDTPQ	003	BG-2-15.0	04/06/04	10:00
GDTPR	004	BG-1-5	04/06/04	12:00
GDTPV	005	BG-1-10	04/06/04	12:10
GDTPX	006	BG-1-15	04/06/04	12:20
GDTP0	007	BG-1-20	04/06/04	12:20
GDTP1	008	MW-7-5.0	04/06/04	15:05
GDTP3	009	MW-7-10.0	04/06/04	15:15

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.

ANALYTICAL REPORT

PROJECT NO. 0004.082

Bay Rock Oak-Walk Emeryville

Lot #: E4D080364

Vincent Vancil

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

**Jesse Bacwaden
Project Manager**

April 19, 2004

EXECUTIVE SUMMARY - Detection Highlights

E4D080364

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
BG-2-10.5 04/06/04 09:45 002				
n-Butylbenzene	6000	1000	ug/kg	SW846 8260B
Ethylbenzene	16000	1000	ug/kg	SW846 8260B
Isopropylbenzene	2400	1000	ug/kg	SW846 8260B
Naphthalene	8500	1000	ug/kg	SW846 8260B
n-Propylbenzene	10000	1000	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	50000	1000	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	17000	1000	ug/kg	SW846 8260B
Xylenes (total)	80000	1000	ug/kg	SW846 8260B
BG-2-15.0 04/06/04 10:00 003				
Acetone	28	25	ug/kg	SW846 8260B
BG-1-5 04/06/04 12:00 004				
Acetone	46	25	ug/kg	SW846 8260B
BG-1-10 04/06/04 12:10 005				
n-Butylbenzene	2600	500	ug/kg	SW846 8260B
Ethylbenzene	8300	500	ug/kg	SW846 8260B
Isopropylbenzene	1100	500	ug/kg	SW846 8260B
Naphthalene	4200	500	ug/kg	SW846 8260B
n-Propylbenzene	4400	500	ug/kg	SW846 8260B
Toluene	3700	500	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	23000	500	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	8100	500	ug/kg	SW846 8260B
Xylenes (total)	45000	500	ug/kg	SW846 8260B
BG-1-15 04/06/04 12:20 006				
Acetone	65	25	ug/kg	SW846 8260B
Benzene	8.7	5.0	ug/kg	SW846 8260B
n-Butylbenzene	28	5.0	ug/kg	SW846 8260B
Ethylbenzene	28	5.0	ug/kg	SW846 8260B
Naphthalene	55	5.0	ug/kg	SW846 8260B
n-Propylbenzene	25	5.0	ug/kg	SW846 8260B
Toluene	5.0	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	160	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	56	5.0	ug/kg	SW846 8260B
Xylenes (total)	160	5.0	ug/kg	SW846 8260B

(Continued on next page)

STL SAN FRANCISCO

Client Sample ID: BG-2-5.0

GC/MS Volatiles

Lot-Sample #....: E4D080364-001 Work Order #....: GDTPN1AA Matrix.....: SO
 Date Sampled....: 04/06/04 09:20 Date Received...: 04/08/04 10:00 MS Run #.....: 4103150
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #....: 4103335 Analysis Time...: 14:49
 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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METHODS SUMMARY

E4D080364

<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.

EXECUTIVE SUMMARY - Detection Highlights

E4D080364

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
BG-1-20 04/06/04 12:20 007				
Acetone	44	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	5.0	5.0	ug/kg	SW846 8260B

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Client Sample ID: BG-2-5.0

GC/MS Volatiles

Lot-Sample #...: E4D080364-001 Work Order #...: GDTPN1AA 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	100	(60 - 130)
1,2-Dichloroethane-d4	67	(60 - 140)
Toluene-d8	78	(70 - 130)

E40080364



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Shipped: 4/7/2004 12:00:00AM

Chain of Custody

2004-04-0176 - 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
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Phone: (714) 258-8610
Fax: (714) 258-0921
Contact: Sample Control
Phone: (714) 258-8610

CL Submission #: 2004-04-0176
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 including BG-2-5.0, BG-2-10.5, BG-2-15.0, BG-1-5, BG-1-10, BG-1-15, BG-1-20, MW-7-5.0, and MW-7-10.0.

RELINQUISHED BY: 1. Signature: [Handwritten], Time: 1530, Printed Name: [Handwritten], Date: 4/07/04, Company: STL-SF

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

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

RECEIVED BY: Signature: [Handwritten], Time: [Handwritten], Printed Name: [Handwritten], Date: [Handwritten], Company: [Handwritten]

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

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

000003

STL SAN FRANCISCO

Client Sample ID: BG-2-10.5

GC/MS Volatiles

Lot-Sample #...: E4D080364-002 Work Order #...: GDTPP1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	1000	ug/kg	400
trans-1,3-Dichloropropene	ND	1000	ug/kg	280
Ethylbenzene	16000	1000	ug/kg	280
Hexachlorobutadiene	ND	1000	ug/kg	280
2-Hexanone	ND	5000	ug/kg	1400
Isopropylbenzene	2400	1000	ug/kg	480
p-Isopropyltoluene	ND	1000	ug/kg	280
Methylene chloride	ND	1000	ug/kg	200
4-Methyl-2-pentanone	ND	5000	ug/kg	1600
Methyl tert-butyl ether	ND	1000	ug/kg	400
Naphthalene	8500	1000	ug/kg	400
n-Propylbenzene	10000	1000	ug/kg	440
Styrene	ND	2000	ug/kg	400
1,1,1,2-Tetrachloroethane	ND	1000	ug/kg	240
1,1,2,2-Tetrachloroethane	ND	1000	ug/kg	400
Tetrachloroethene	ND	1000	ug/kg	320
Toluene	ND	1000	ug/kg	240
1,2,3-Trichlorobenzene	ND	1000	ug/kg	280
1,2,4-Trichloro- benzene	ND	1000	ug/kg	280
1,1,1-Trichloroethane	ND	1000	ug/kg	720
1,1,2-Trichloroethane	ND	1000	ug/kg	400
Trichloroethene	ND	1000	ug/kg	280
Trichlorofluoromethane	ND	2000	ug/kg	280
1,2,3-Trichloropropane	ND	1000	ug/kg	440
1,1,2-Trichlorotrifluoro- ethane	ND	1000	ug/kg	400
1,2,4-Trimethylbenzene	50000	1000	ug/kg	280
1,3,5-Trimethylbenzene	17000	1000	ug/kg	480
Vinyl chloride	ND	2000	ug/kg	600
Xylenes (total)	80000	1000	ug/kg	720
Vinyl acetate	ND	2000	ug/kg	1500
2-Chloroethyl vinyl ether	ND	2000	ug/kg	1400

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(55 - 140)
1,2-Dichloroethane-d4	89	(55 - 140)
Toluene-d8	94	(55 - 140)

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Client Sample ID: BG-2-15.0

GC/MS Volatiles

Lot-Sample #...: E4D080364-003 Work Order #...: GDTPQ1AA 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	
<u>SURROGATE</u>		<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	99		(60 - 130)	
1,2-Dichloroethane-d4	65		(60 - 140)	
Toluene-d8	76		(70 - 130)	

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Client Sample ID: BG-1-5

GC/MS Volatiles

Lot-Sample #....: E4D080364-004 Work Order #....: GDTFR1AA Matrix.....: SO
 Date Sampled....: 04/06/04 12:00 Date Received...: 04/08/04 10:00 MS Run #.....: 4104156
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #....: 4104325 Analysis Time...: 12:40
 Dilution Factor: 1
 † Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	46	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: BG-1-5

GC/MS Volatiles

Lot-Sample #...: E4D080364-004 Work Order #....: GDTPR1AA 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	92	(60 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	87	(70 - 130)

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Client Sample ID: BG-1-15

GC/MS Volatiles

Lot-Sample #....: E4D080364-006 Work Order #....: GDTPX1AA Matrix.....: SO
 Date Sampled....: 04/06/04 12:20 Date Received...: 04/08/04 10:00 MS Run #.....: 4104156
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #....: 4104325 Analysis Time...: 13:01
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	65	25	ug/kg	15
Benzene	8.7	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	28	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: BG-1-15

GC/MS Volatiles

Lot-Sample #...: E4D080364-006 Work Order #...: GDTPX1AA 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	28	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	55	5.0	ug/kg	2.0
n-Propylbenzene	25	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	5.0	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	160	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	56	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	160	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	87	(60 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	85	(70 - 130)

STL SAN FRANCISCO

Client Sample ID: BG-1-20

GC/MS Volatiles

Lot-Sample #....: E4D080364-007 Work Order #....: GDTP01AA 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	5.0	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	87	(60 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	88	(70 - 130)

STL SAN FRANCISCO

Client Sample ID: MW-7-5.0

GC/MS Volatiles

Lot-Sample #...: E4D080364-008 Work Order #...: GDTP11AA Matrix.....: SO
 Date Sampled...: 04/06/04 15:05 Date Received...: 04/08/04 10:00 MS Run #.....: 4103150
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103335 Analysis Time...: 15:10
 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-7-5.0

GC/MS Volatiles

Lot-Sample #....: E4D080364-008 Work Order #....: GDTP11AA 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	100	(60 - 130)
1,2-Dichloroethane-d4	65	(60 - 140)
Toluene-d8	78	(70 - 130)

STL SAN FRANCISCO

Client Sample ID: MW-7-10.0

GC/MS Volatiles

Lot-Sample #....: E4D080364-009 Work Order #....: GDTP31AA 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	84	(60 - 130)
1,2-Dichloroethane-d4	90	(60 - 140)
Toluene-d8	89	(70 - 130)

SEVERN
TRENT

STL

QA/QC

QC DATA ASSOCIATION SUMMARY

E4D080364

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		4103335	4103150
002	SO	SW846 8260B		4107547	4107255
003	SO	SW846 8260B		4103335	4103150
004	SO	SW846 8260B		4104325	4104156
005	SO	SW846 8260B		4107547	4107255
006	SO	SW846 8260B		4104325	4104156
007	SO	SW846 8260B		4104325	4104156
008	SO	SW846 8260B		4103335	4103150
009	SO	SW846 8260B		4104325	4104156

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E4D080364
 MB Lot-Sample #: E4D120000-335

Work Order #....: GD05D1AA

Matrix.....: SOLID

Analysis Date...: 04/09/04
 Dilution Factor: 1

Prep Date.....: 04/09/04

Analysis Time...: 09:59

Prep Batch #....: 4103335

Instrument ID...: MSP

Analyst ID.....: 999998

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 #...: E4D080364

Work Order #...: GD05D1AA

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	92	(60 - 130)
1,2-Dichloroethane-d4	70	(60 - 140)
Toluene-d8	80	(70 - 130)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D080364
 MB Lot-Sample #: E4D130000-325

Work Order #...: GD3AA1AA

Matrix.....: SOLID

Analysis Date...: 04/12/04
 Dilution Factor: 1

Prep Date.....: 04/12/04

Analysis Time...: 12:13

Prep Batch #...: 4104325

Instrument ID...: MSP

Analyst ID.....: 999998

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 #....: E4D080364

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.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D080364 Work Order #...: GD05D1AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D120000-335
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103335 Analysis Time...: 09:38
 Dilution Factor: 1 Instrument ID...: MSP
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	106	(70 - 130)	SW846 8260B
Chlorobenzene	102	(70 - 130)	SW846 8260B
1,1-Dichloroethene	112	(65 - 150)	SW846 8260B
Toluene	104	(70 - 130)	SW846 8260B
Trichloroethene	99	(70 - 135)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	100	(60 - 130)
1,2-Dichloroethane-d4	73	(60 - 140)
Toluene-d8	84	(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 #....: E4D080364 Work Order #....: GD05D1AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D120000-335
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #....: 4103335 Analysis Time...: 09:38
 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	52.9	ug/kg	106	SW846 8260B
Chlorobenzene	50.0	51.2	ug/kg	102	SW846 8260B
1,1-Dichloroethene	50.0	56.0	ug/kg	112	SW846 8260B
Toluene	50.0	52.1	ug/kg	104	SW846 8260B
Trichloroethene	50.0	49.3	ug/kg	99	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	100	(60 - 130)
1,2-Dichloroethane-d4	73	(60 - 140)
Toluene-d8	84	(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 EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D080364 Work Order #...: GD3AA1AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D130000-325
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #...: 4104325 Analysis Time...: 11:52
 Dilution Factor: 1 Instrument ID...: MSP
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	107	(70 - 130)	SW846 8260B
Chlorobenzene	101	(70 - 130)	SW846 8260B
1,1-Dichloroethene	111	(65 - 150)	SW846 8260B
Toluene	101	(70 - 130)	SW846 8260B
Trichloroethene	100	(70 - 135)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	95	(60 - 130)
1,2-Dichloroethane-d4	88	(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 #....: E4D080364 Work Order #....: GD3AA1AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D130000-325
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #....: 4104325 Analysis Time...: 11:52
 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	53.4	ug/kg	107	SW846 8260B
Chlorobenzene	50.0	50.5	ug/kg	101	SW846 8260B
1,1-Dichloroethene	50.0	55.7	ug/kg	111	SW846 8260B
Toluene	50.0	50.5	ug/kg	101	SW846 8260B
Trichloroethene	50.0	50.2	ug/kg	100	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	95	(60 - 130)
1,2-Dichloroethane-d4	88	(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 EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D080364 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 #...: E4D080364 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

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E4D080364 Work Order #....: GDKET1AC-MS Matrix.....: SOLID
 MS Lot-Sample #: E4D050235-001 GDKET1AD-MSD
 Date Sampled...: 04/05/04 07:50 Date Received...: 04/05/04 11:40 MS Run #.....: 4103150
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #....: 4103335 Analysis Time...: 13:45
 Dilution Factor: 1 % Moisture.....: 100 Analyst ID.....: 999998
 Instrument ID...: MSP

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	108	(70 - 130)			SW846 8260B
	108	(70 - 130)	0.11	(0-30)	SW846 8260B
Chlorobenzene	102	(70 - 130)			SW846 8260B
	103	(70 - 130)	1.2	(0-30)	SW846 8260B
1,1-Dichloroethene	111	(65 - 150)			SW846 8260B
	112	(65 - 150)	0.89	(0-30)	SW846 8260B
Toluene	103	(70 - 130)			SW846 8260B
	104	(70 - 130)	1.6	(0-30)	SW846 8260B
Trichloroethene	102	(70 - 135)			SW846 8260B
	102	(70 - 135)	0.31	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(60 - 130)
	99	(60 - 130)
1,2-Dichloroethane-d4	71	(60 - 140)
	69	(60 - 140)
Toluene-d8	80	(70 - 130)
	82	(70 - 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 #...: E4D080364 Work Order #...: GDTP01AC-MS Matrix.....: SO
 MS Lot-Sample #: E4D080364-007 GDTP01AD-MSD
 Date Sampled...: 04/06/04 12:20 Date Received...: 04/08/04 10:00 MS Run #.....: 4104156
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #...: 4104325 Analysis Time...: 15:59
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSP

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	103	(70 - 130)			SW846 8260B
	102	(70 - 130)	0.78	(0-30)	SW846 8260B
Chlorobenzene	98	(70 - 130)			SW846 8260B
	101	(70 - 130)	2.5	(0-30)	SW846 8260B
1,1-Dichloroethene	104	(65 - 150)			SW846 8260B
	107	(65 - 150)	3.0	(0-30)	SW846 8260B
Toluene	100	(70 - 130)			SW846 8260B
	103	(70 - 130)	3.0	(0-30)	SW846 8260B
Trichloroethene	97	(70 - 135)			SW846 8260B
	98	(70 - 135)	1.2	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	85	(60 - 130)
	87	(60 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
	87	(60 - 140)
Toluene-d8	91	(70 - 130)
	92	(70 - 130)

NOTE(S) :

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E4D080364 Work Order #....: GD32V1AC-MS Matrix.....: SOLID
 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 % Moisture.....: 100 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.

E41D080364

Shipped: 4/7/2004 12:00:00AM

SEVERN
TRENT

STL

Chain of Custody

2004-04-0176 - 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 #: 2004-04-0176
CL PO #:

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

Client Sample ID	CL#	Sampled	Matrix	TAT
Analysis			Method	
BG-2-5.0	1	4/6/2004 9:20:00AM	Soil	5 Day
Subcontract - 8260 Volatile Organics by GC/MS.			8260	
BG-2-10.5	2	4/6/2004 9:45:00AM	Soil	5 Day
Subcontract - 8260 Volatile Organics by GC/MS.			8260	
BG-2-15.0	3	4/6/2004 10:00:00AM	Soil	5 Day
Subcontract - 8260 Volatile Organics by GC/MS.			8260	
BG-1-5	4	4/6/2004 12:00:00PM	Soil	5 Day
Subcontract - 8260 Volatile Organics by GC/MS.			8260	
BG-1-10	5	4/6/2004 12:10:00PM	Soil	5 Day
Subcontract - 8260 Volatile Organics by GC/MS.			8260	
BG-1-15	6	4/6/2004 12:20:00PM	Soil	5 Day
Subcontract - 8260 Volatile Organics by GC/MS.			8260	
BG-1-20	7	4/6/2004 12:20:00PM	Soil	5 Day
Subcontract - 8260 Volatile Organics by GC/MS.			8260	
MW-7-5.0	8	4/6/2004 3:05:00PM	Soil	5 Day
Subcontract - 8260 Volatile Organics by GC/MS.			8260	
MW-7-10.0	9	4/6/2004 3:15:00PM	Soil	5 Day
Subcontract - 8260 Volatile Organics by GC/MS.			8260	

RELINQUISHED BY: 1.

Signature: *Nounab* Time: 1530
 Printed Name: Nounab Date: 4/10/04
 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: 00
 Printed Name: _____ Date: 4/8/04
 Company: *[Signature]*

RECEIVED BY: 2.

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

RECEIVED BY: 3.

Signature: _____ Time: _____
 Printed Name: _____ Date: _____
 Company: _____

ANALYTICAL REPORT

PROJECT NO. 0004.082

Bay Rock Oak-Walk Emeryville

Lot #: E4D080364

Vincent Vancil

STL San Francisco

SEVERN TRENT LABORATORIES, INC.

Jesse Bacwaden
Project Manager

April 19, 2004

EXECUTIVE SUMMARY - Detection Highlights

E4D080364

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
BG-2-10.5 04/06/04 09:45 002				
n-Butylbenzene	6000	1000	ug/kg	SW846 8260B
Ethylbenzene	16000	1000	ug/kg	SW846 8260B
Isopropylbenzene	2400	1000	ug/kg	SW846 8260B
Naphthalene	8500	1000	ug/kg	SW846 8260B
n-Propylbenzene	10000	1000	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	50000	1000	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	17000	1000	ug/kg	SW846 8260B
Xylenes (total)	80000	1000	ug/kg	SW846 8260B
BG-2-15.0 04/06/04 10:00 003				
Acetone	28	25	ug/kg	SW846 8260B
BG-1-5 04/06/04 12:00 004				
Acetone	46	25	ug/kg	SW846 8260B
BG-1-10 04/06/04 12:10 005				
n-Butylbenzene	2600	500	ug/kg	SW846 8260B
Ethylbenzene	8300	500	ug/kg	SW846 8260B
Isopropylbenzene	1100	500	ug/kg	SW846 8260B
Naphthalene	4200	500	ug/kg	SW846 8260B
n-Propylbenzene	4400	500	ug/kg	SW846 8260B
Toluene	3700	500	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	23000	500	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	8100	500	ug/kg	SW846 8260B
Xylenes (total)	45000	500	ug/kg	SW846 8260B
BG-1-15 04/06/04 12:20 006				
Acetone	65	25	ug/kg	SW846 8260B
Benzene	8.7	5.0	ug/kg	SW846 8260B
n-Butylbenzene	28	5.0	ug/kg	SW846 8260B
Ethylbenzene	28	5.0	ug/kg	SW846 8260B
Naphthalene	55	5.0	ug/kg	SW846 8260B
n-Propylbenzene	25	5.0	ug/kg	SW846 8260B
Toluene	5.0	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	160	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	56	5.0	ug/kg	SW846 8260B
Xylenes (total)	160	5.0	ug/kg	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E4D080364

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
BG-1-20 04/06/04 12:20 007				
Acetone	44	25	ug/kg	SW846 8260B
Methyl tert-butyl ether	5.0	5.0	ug/kg	SW846 8260B

METHODS SUMMARY

E4D080364

<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

E4D080364

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GDTPN	001	BG-2-5.0	04/06/04	09:20
GDTPP	002	BG-2-10.5	04/06/04	09:45
GDTPQ	003	BG-2-15.0	04/06/04	10:00
GDTPR	004	BG-1-5	04/06/04	12:00
GDTPV	005	BG-1-10	04/06/04	12:10
GDTPX	006	BG-1-15	04/06/04	12:20
GDTP0	007	BG-1-20	04/06/04	12:20
GDTP1	008	MW-7-5.0	04/06/04	15:05
GDTP3	009	MW-7-10.0	04/06/04	15:15

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 filler test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

STL SAN FRANCISCO

Client Sample ID: BG-2-5.0

GC/MS Volatiles

Lot-Sample #...: E4D080364-001 Work Order #...: GDTPN1AA Matrix.....: SO
 Date Sampled...: 04/06/04 09:20 Date Received...: 04/08/04 10:00 MS Run #.....: 4103150
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103335 Analysis Time...: 14:49
 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: BG-2-5.0

GC/MS Volatiles

Lot-Sample #...: E4D080364-001 Work Order #...: GDTPN1AA 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	100		(60 - 130)	
1,2-Dichloroethane-d4	67		(60 - 140)	
Toluene-d8	78		(70 - 130)	

STL SAN FRANCISCO

Client Sample ID: BG-2-10.5

GC/MS Volatiles

Lot-Sample #...: E4D080364-002 Work Order #...: GDTPP1AA Matrix.....: SO
 Date Sampled...: 04/06/04 09:45 Date Received...: 04/08/04 10:00 MS Run #.....: 4107255
 Prep Date.....: 04/14/04 Analysis Date...: 04/15/04
 Prep Batch #...: 4107547 Analysis Time...: 13:29
 Dilution Factor: 4
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	5000	ug/kg	1600
Benzene	ND	1000	ug/kg	400
Bromobenzene	ND	1000	ug/kg	280
Bromochloromethane	ND	1000	ug/kg	440
Bromoform	ND	1000	ug/kg	400
Bromomethane	ND	2000	ug/kg	1000
2-Butanone	ND	5000	ug/kg	2800
n-Butylbenzene	6000	1000	ug/kg	280
sec-Butylbenzene	ND	1000	ug/kg	280
tert-Butylbenzene	ND	1000	ug/kg	280
Carbon disulfide	ND	1000	ug/kg	480
Carbon tetrachloride	ND	1000	ug/kg	400
Chlorobenzene	ND	1000	ug/kg	400
Dibromochloromethane	ND	1000	ug/kg	440
Bromodichloromethane	ND	1000	ug/kg	400
Chloroethane	ND	2000	ug/kg	1000
Chloroform	ND	1000	ug/kg	280
Chloromethane	ND	2000	ug/kg	800
2-Chlorotoluene	ND	1000	ug/kg	280
4-Chlorotoluene	ND	1000	ug/kg	280
1,2-Dibromo-3-chloro- propane	ND	2000	ug/kg	600
1,2-Dibromoethane (EDB)	ND	1000	ug/kg	280
Dibromomethane	ND	1000	ug/kg	440
1,2-Dichlorobenzene	ND	1000	ug/kg	400
1,3-Dichlorobenzene	ND	1000	ug/kg	280
1,4-Dichlorobenzene	ND	1000	ug/kg	400
Dichlorodifluoromethane	ND	2000	ug/kg	680
1,1-Dichloroethane	ND	1000	ug/kg	400
1,2-Dichloroethane	ND	1000	ug/kg	280
1,1-Dichloroethene	ND	1000	ug/kg	480
cis-1,2-Dichloroethene	ND	1000	ug/kg	480
trans-1,2-Dichloroethene	ND	1000	ug/kg	480
1,2-Dichloropropane	ND	1000	ug/kg	400
1,3-Dichloropropane	ND	1000	ug/kg	600
2,2-Dichloropropane	ND	1000	ug/kg	400
1,1-Dichloropropene	ND	1000	ug/kg	400

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Client Sample ID: BG-2-10.5

GC/MS Volatiles

Lot-Sample #...: E4D080364-002 Work Order #...: GDTPP1AA Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
cis-1,3-Dichloropropene	ND	1000	ug/kg	400
trans-1,3-Dichloropropene	ND	1000	ug/kg	280
Ethylbenzene	16000	1000	ug/kg	280
Hexachlorobutadiene	ND	1000	ug/kg	280
2-Hexanone	ND	5000	ug/kg	1400
Isopropylbenzene	2400	1000	ug/kg	480
p-Isopropyltoluene	ND	1000	ug/kg	280
Methylene chloride	ND	1000	ug/kg	200
4-Methyl-2-pentanone	ND	5000	ug/kg	1600
Methyl tert-butyl ether	ND	1000	ug/kg	400
Naphthalene	8500	1000	ug/kg	400
n-Propylbenzene	10000	1000	ug/kg	440
Styrene	ND	2000	ug/kg	400
1,1,1,2-Tetrachloroethane	ND	1000	ug/kg	240
1,1,2,2-Tetrachloroethane	ND	1000	ug/kg	400
Tetrachloroethene	ND	1000	ug/kg	320
Toluene	ND	1000	ug/kg	240
1,2,3-Trichlorobenzene	ND	1000	ug/kg	280
1,2,4-Trichloro- benzene	ND	1000	ug/kg	280
1,1,1-Trichloroethane	ND	1000	ug/kg	720
1,1,2-Trichloroethane	ND	1000	ug/kg	400
Trichloroethene	ND	1000	ug/kg	280
Trichlorofluoromethane	ND	2000	ug/kg	280
1,2,3-Trichloropropane	ND	1000	ug/kg	440
1,1,2-Trichlorotrifluoro- ethane	ND	1000	ug/kg	400
1,2,4-Trimethylbenzene	50000	1000	ug/kg	280
1,3,5-Trimethylbenzene	17000	1000	ug/kg	480
Vinyl chloride	ND	2000	ug/kg	600
Xylenes (total)	80000	1000	ug/kg	720
Vinyl acetate	ND	2000	ug/kg	1500
2-Chloroethyl vinyl ether	ND	2000	ug/kg	1400

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(55 - 140)
1,2-Dichloroethane-d4	89	(55 - 140)
Toluene-d8	94	(55 - 140)

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Client Sample ID: BG-2-15.0

GC/MS Volatiles

Lot-Sample #...: E4D080364-003 Work Order #...: GDTPQ1AA Matrix.....: SO
 Date Sampled...: 04/06/04 10:00 Date Received...: 04/08/04 10:00 MS Run #.....: 4103150
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103335 Analysis Time...: 15:31
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	28	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: BG-2-15.0

GC/MS Volatiles

Lot-Sample #...: E4D080364-003 Work Order #...: GDTPQ1AA 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	99	(60 - 130)
1,2-Dichloroethane-d4	65	(60 - 140)
Toluene-d8	76	(70 - 130)

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Client Sample ID: BG-1-5

GC/MS Volatiles

Lot-Sample #...: E4D080364-004 Work Order #...: GDTPR1AA Matrix.....: SO
 Date Sampled...: 04/06/04 12:00 Date Received...: 04/08/04 10:00 MS Run #.....: 4104156
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #...: 4104325 Analysis Time...: 12:40
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	46	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: BG-1-5

GC/MS Volatiles

Lot-Sample #...: E4D080364-004 Work Order #...: GDTPR1AA 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	92	(60 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
Toluene-d8	87	(70 - 130)

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Client Sample ID: BG-1-10

GC/MS Volatiles

Lot-Sample #...: E4D080364-005 Work Order #...: GDTPV1AA Matrix.....: SO
 Date Sampled...: 04/06/04 12:10 Date Received...: 04/08/04 10:00 MS Run #.....: 4107255
 Prep Date.....: 04/14/04 Analysis Date...: 04/15/04
 Prep Batch #...: 4107547 Analysis Time...: 13:50
 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	2600	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: BG-1-10

GC/MS Volatiles

Lot-Sample #...: E4D080364-005 Work Order #...: GDTPVIAA 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	8300	500	ug/kg	140
Hexachlorobutadiene	ND	500	ug/kg	140
2-Hexanone	ND	2500	ug/kg	700
Isopropylbenzene	1100	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	4200	500	ug/kg	200
n-Propylbenzene	4400	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	3700	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	23000	500	ug/kg	140
1,3,5-Trimethylbenzene	8100	500	ug/kg	240
Vinyl chloride	ND	1000	ug/kg	300
Xylenes (total)	45000	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	79	(55 - 140)		
1,2-Dichloroethane-d4	84	(55 - 140)		
Toluene-d8	87	(55 - 140)		

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Client Sample ID: BG-1-15

GC/MS Volatiles

Lot-Sample #...: E4D080364-006 Work Order #...: GDTPX1AA 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	28	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	55	5.0	ug/kg	2.0
n-Propylbenzene	25	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	5.0	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	160	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	56	5.0	ug/kg	2.0
Vinyl chloride	ND	10	ug/kg	2.0
Xylenes (total)	160	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	87	(60 - 130)
1,2-Dichloroethane-d4	87	(60 - 140)
Toluene-d8	85	(70 - 130)

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Client Sample ID: BG-1-20

GC/MS Volatiles

Lot-Sample #...: E4D080364-007 Work Order #...: GDTP01AA Matrix.....: SO
 Date Sampled...: 04/06/04 12:20 Date Received...: 04/08/04 10:00 MS Run #.....: 4104156
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #...: 4104325 Analysis Time...: 13:22
 Dilution Factor: 1
 % Moisture.....: Analyst ID.....: 999998 Instrument ID...: MSP
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	44	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: BG-1-20

GC/MS Volatiles

Lot-Sample #...: E4D080364-007 Work Order #...: GDTP01AA 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	5.0	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	87	(60 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	88	(70 - 130)

STL SAN FRANCISCO

Client Sample ID: MW-7-5.0

GC/MS Volatiles

Lot-Sample #...: E4D080364-008 Work Order #...: GDTP11AA Matrix.....: SO
 Date Sampled...: 04/06/04 15:05 Date Received...: 04/08/04 10:00 MS Run #.....: 4103150
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103335 Analysis Time...: 15:10
 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-7-10.0

GC/MS Volatiles

Lot-Sample #....: E4D080364-009 Work Order #....: GDTP31AA Matrix.....: SO
Date Sampled...: 04/06/04 15:15 Date Received..: 04/08/04 10:00 MS Run #.....: 4104156
Prep Date.....: 04/12/04 Analysis Date..: 04/12/04
Prep Batch #...: 4104325 Analysis Time..: 13:43
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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QC DATA ASSOCIATION SUMMARY

E4D080364

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		4103335	4103150
002	SO	SW846 8260B		4107547	4107255
003	SO	SW846 8260B		4103335	4103150
004	SO	SW846 8260B		4104325	4104156
005	SO	SW846 8260B		4107547	4107255
006	SO	SW846 8260B		4104325	4104156
007	SO	SW846 8260B		4104325	4104156
008	SO	SW846 8260B		4103335	4103150
009	SO	SW846 8260B		4104325	4104156

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D080364
 MB Lot-Sample #: E4D120000-335

Work Order #...: GD05D1AA

Matrix.....: SOLID

Analysis Date...: 04/09/04
 Dilution Factor: 1

Prep Date.....: 04/09/04
 Prep Batch #...: 4103335

Analysis Time...: 09:59
 Instrument ID...: MSP

Analyst ID.....: 999998

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 #...: E4D080364

Work Order #...: GD05D1AA

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	92	(60 - 130)
1,2-Dichloroethane-d4	70	(60 - 140)
Toluene-d8	80	(70 - 130)

NOTE (S) :

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D080364 Work Order #...: GD3AA1AA Matrix.....: SOLID
 MB Lot-Sample #: E4D130000-325
 Analysis Date...: 04/12/04 Prep Date.....: 04/12/04 Analysis Time...: 12:13
 Dilution Factor: 1 Prep Batch #...: 4104325 Instrument ID...: MSP
 Analyst ID.....: 999998

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
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
Dibromodichloromethane	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 #...: E4D080364

Work Order #...: GD3AA1AA

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	91	(60 - 130)
1,2-Dichloroethane-d4	89	(60 - 140)
Toluene-d8	88	(70 - 130)

NOTE(S) :

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D080364
 MB Lot-Sample #: E4D160000-547

Work Order #...: GECVW1AA

Matrix.....: SOLID

Analysis Date...: 04/15/04
 Dilution Factor: 1

Prep Date.....: 04/14/04
 Prep Batch #...: 4107547

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

Analyst ID.....: 999998

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4D080364

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.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D080364 Work Order #...: GD05D1AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D120000-335
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103335 Analysis Time...: 09:38
 Dilution Factor: 1 Instrument ID...: MSP
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	106	(70 - 130)	SW846 8260B
Chlorobenzene	102	(70 - 130)	SW846 8260B
1,1-Dichloroethene	112	(65 - 150)	SW846 8260B
Toluene	104	(70 - 130)	SW846 8260B
Trichloroethene	99	(70 - 135)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	100	(60 - 130)
1,2-Dichloroethane-d4	73	(60 - 140)
Toluene-d8	84	(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 #...: E4D080364 Work Order #...: GD05D1AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D120000-335
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103335 Analysis Time...: 09:38
 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	52.9	ug/kg	106	SW846 8260B
Chlorobenzene	50.0	51.2	ug/kg	102	SW846 8260B
1,1-Dichloroethene	50.0	56.0	ug/kg	112	SW846 8260B
Toluene	50.0	52.1	ug/kg	104	SW846 8260B
Trichloroethene	50.0	49.3	ug/kg	99	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
Bromofluorobenzene	100	(60 - 130)
1,2-Dichloroethane-d4	73	(60 - 140)
Toluene-d8	84	(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 EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D080364 Work Order #...: GD3AA1AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D130000-325
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #...: 4104325 Analysis Time...: 11:52
 Dilution Factor: 1 Instrument ID...: MSP
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Benzene	107	(70 - 130)	SW846 8260B
Chlorobenzene	101	(70 - 130)	SW846 8260B
1,1-Dichloroethene	111	(65 - 150)	SW846 8260B
Toluene	101	(70 - 130)	SW846 8260B
Trichloroethene	100	(70 - 135)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	95	(60 - 130)
1,2-Dichloroethane-d4	88	(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 #...: E4D080364 Work Order #...: GD3AA1AC Matrix.....: SOLID
 LCS Lot-Sample#: E4D130000-325
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #...: 4104325 Analysis Time...: 11:52
 Dilution Factor: 1 Instrument ID...: MSP
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCENT RECOVERY</u>	<u>METHOD</u>
Benzene	50.0	53.4	ug/kg	107	SW846 8260B
Chlorobenzene	50.0	50.5	ug/kg	101	SW846 8260B
1,1-Dichloroethene	50.0	55.7	ug/kg	111	SW846 8260B
Toluene	50.0	50.5	ug/kg	101	SW846 8260B
Trichloroethene	50.0	50.2	ug/kg	100	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Bromofluorobenzene	95	(60 - 130)
1,2-Dichloroethane-d4	88	(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 EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E4D080364 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 #...: E4D080364 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

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4D080364 Work Order #...: GDKET1AC-MS Matrix.....: SOLID
 MS Lot-Sample #: E4D050235-001 GDKET1AD-MSD
 Date Sampled...: 04/05/04 07:50 Date Received...: 04/05/04 11:40 MS Run #.....: 4103150
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103335 Analysis Time...: 13:45
 Dilution Factor: 1 % Moisture.....: 100 Analyst ID.....: 999998
 Instrument ID...: MSP

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
Benzene	108	(70 - 130)	0.11	(0-30)	SW846 8260B
	108	(70 - 130)			SW846 8260B
Chlorobenzene	102	(70 - 130)	1.2	(0-30)	SW846 8260B
	103	(70 - 130)			SW846 8260B
1,1-Dichloroethene	111	(65 - 150)	0.89	(0-30)	SW846 8260B
	112	(65 - 150)			SW846 8260B
Toluene	103	(70 - 130)	1.6	(0-30)	SW846 8260B
	104	(70 - 130)			SW846 8260B
Trichloroethene	102	(70 - 135)	0.31	(0-30)	SW846 8260B
	102	(70 - 135)			SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	98	(60 - 130)
	99	(60 - 130)
1,2-Dichloroethane-d4	71	(60 - 140)
	69	(60 - 140)
Toluene-d8	80	(70 - 130)
	82	(70 - 130)

NOTE(S) :

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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4D080364 Work Order #...: GDKET1AC-MS Matrix.....: SOLID
 MS Lot-Sample #: E4D050235-001 GDKET1AD-MSD
 Date Sampled...: 04/05/04 07:50 Date Received...: 04/05/04 11:40 MS Run #.....: 4103150
 Prep Date.....: 04/09/04 Analysis Date...: 04/09/04
 Prep Batch #...: 4103335 Analysis Time...: 13:45
 Dilution Factor: 1 % Moisture.....: 100 Analyst ID.....: 999998
 Instrument ID..: MSP

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT		METHOD
					RECVRY	RPD	
Benzene	ND	50.0	54.0	ug/kg	108		SW846 8260B
	ND	50.0	54.0	ug/kg	108	0.11	SW846 8260B
Chlorobenzene	ND	50.0	50.9	ug/kg	102		SW846 8260B
	ND	50.0	51.5	ug/kg	103	1.2	SW846 8260B
1,1-Dichloroethene	ND	50.0	55.5	ug/kg	111		SW846 8260B
	ND	50.0	56.0	ug/kg	112	0.89	SW846 8260B
Toluene	ND	50.0	51.3	ug/kg	103		SW846 8260B
	ND	50.0	52.1	ug/kg	104	1.6	SW846 8260B
Trichloroethene	ND	50.0	50.8	ug/kg	102		SW846 8260B
	ND	50.0	50.9	ug/kg	102	0.31	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	98	(60 - 130)
	99	(60 - 130)
1,2-Dichloroethane-d4	71	(60 - 140)
	69	(60 - 140)
Toluene-d8	80	(70 - 130)
	82	(70 - 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 #...: E4D080364 Work Order #...: GDTP01AC-MS Matrix.....: SO
 MS Lot-Sample #: E4D080364-007 GDTP01AD-MSD
 Date Sampled...: 04/06/04 12:20 Date Received...: 04/08/04 10:00 MS Run #.....: 4104156
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #...: 4104325 Analysis Time...: 15:59
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID...: MSP

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	103	(70 - 130)			SW846 8260B
	102	(70 - 130)	0.78	(0-30)	SW846 8260B
Chlorobenzene	98	(70 - 130)			SW846 8260B
	101	(70 - 130)	2.5	(0-30)	SW846 8260B
1,1-Dichloroethene	104	(65 - 150)			SW846 8260B
	107	(65 - 150)	3.0	(0-30)	SW846 8260B
Toluene	100	(70 - 130)			SW846 8260B
	103	(70 - 130)	3.0	(0-30)	SW846 8260B
Trichloroethene	97	(70 - 135)			SW846 8260B
	98	(70 - 135)	1.2	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	85	(60 - 130)
	87	(60 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
	87	(60 - 140)
Toluene-d8	91	(70 - 130)
	92	(70 - 130)

NOTE(S):

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

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4D080364 Work Order #...: GDTP01AC-MS Matrix.....: SO
 MS Lot-Sample #: E4D080364-007 GDTP01AD-MSD
 Date Sampled...: 04/06/04 12:20 Date Received...: 04/08/04 10:00 MS Run #.....: 4104156
 Prep Date.....: 04/12/04 Analysis Date...: 04/12/04
 Prep Batch #...: 4104325 Analysis Time...: 15:59
 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	51.3	ug/kg	103		SW846 8260B
	ND	50.0	50.9	ug/kg	102	0.78	SW846 8260B
Chlorobenzene	ND	50.0	49.2	ug/kg	98		SW846 8260B
	ND	50.0	50.5	ug/kg	101	2.5	SW846 8260B
1,1-Dichloroethene	ND	50.0	51.8	ug/kg	104		SW846 8260B
	ND	50.0	53.4	ug/kg	107	3.0	SW846 8260B
Toluene	ND	50.0	49.8	ug/kg	100		SW846 8260B
	ND	50.0	51.3	ug/kg	103	3.0	SW846 8260B
Trichloroethene	ND	50.0	48.6	ug/kg	97		SW846 8260B
	ND	50.0	49.2	ug/kg	98	1.2	SW846 8260B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Bromofluorobenzene	85	(60 - 130)
	87	(60 - 130)
1,2-Dichloroethane-d4	88	(60 - 140)
	87	(60 - 140)
Toluene-d8	91	(70 - 130)
	92	(70 - 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 #...: E4D080364 Work Order #...: GD32V1AC-MS Matrix.....: SOLID
 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 % Moisture.....: 100 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 #...: E4D080364 Work Order #...: GD32V1AC-MS Matrix.....: SOLID
 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 % Moisture.....: 100 Analyst ID.....: 999998
 Instrument ID..: MSP

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT 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
	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.

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

Received: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BG-2-10.5	04/06/2004 09:45	Soil	2
BG-1-10	04/06/2004 12:10	Soil	5
BG-1-15	04/06/2004 12:20	Soil	6

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 12:40

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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 5030B	Test(s): 8260B
Sample ID: BG-1-10	Lab ID: 2004-04-0176 - 5
Sampled: 04/06/2004 12:10	Extracted: 4/8/2004 14:00
Matrix: Soil	QC Batch#: 2004/04/08-03.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	870000	50000	ug/Kg	1.00	04/10/2004 03:57	
Benzene	ND	500	ug/Kg	1.00	04/10/2004 03:57	
Toluene	9000	500	ug/Kg	1.00	04/10/2004 03:57	
Ethyl benzene	13000	500	ug/Kg	1.00	04/10/2004 03:57	
Total xylenes	75000	500	ug/Kg	1.00	04/10/2004 03:57	
Surrogate(s)						
1,2-Dichloroethane-d4	96.8	70-121	%	1.00	04/10/2004 03:57	
Toluene-d8	85.7	81-117	%	1.00	04/10/2004 03:57	

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 12:40

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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Prep(s): 5030B	Test(s): 8260B
Sample ID: BG-1-15	Lab ID: 2004-04-0176 - 6
Sampled: 04/06/2004 12:20	Extracted: 4/8/2004 14:00
Matrix: Soil	QC Batch#: 2004/04/08-03.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	270000	50000	ug/Kg	1.00	04/10/2004 04:15	
Benzene	1100	500	ug/Kg	1.00	04/10/2004 04:15	
Toluene	990	500	ug/Kg	1.00	04/10/2004 04:15	
Ethyl benzene	4900	500	ug/Kg	1.00	04/10/2004 04:15	
Total xylenes	24000	500	ug/Kg	1.00	04/10/2004 04:15	
Surrogate(s)						
1,2-Dichloroethane-d4	95.8	70-121	%	1.00	04/10/2004 04:15	
Toluene-d8	94.1	81-117	%	1.00	04/10/2004 04:15	

Severn Trent Laboratories, Inc.

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

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04/14/2004 12:40

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/08-03.69

MB: 2004/04/08-03.69-034

Date Extracted: 04/08/2004 14:34

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50000	ug/Kg	04/08/2004 14:34	
Benzene	ND	500	ug/Kg	04/08/2004 14:34	
Toluene	ND	500	ug/Kg	04/08/2004 14:34	
Ethyl benzene	ND	500	ug/Kg	04/08/2004 14:34	
Total xylenes	ND	500	ug/Kg	04/08/2004 14:34	
Surrogates(s)					
1,2-Dichloroethane-d4	92.8	70-121	%	04/08/2004 14:34	
Toluene-d8	93.0	81-117	%	04/08/2004 14:34	

Sewern 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 12:40

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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/04/08-03.69

LCS 2004/04/08-03.69-057

Extracted: 04/08/2004

Analyzed: 04/08/2004 13:57

LCSD 2004/04/08-03.69-015

Extracted: 04/08/2004

Analyzed: 04/08/2004 14:15

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	9600	9840	10000	96.0	98.4	2.5	69-129	20		
Toluene	10300	9870	10000	103.0	98.7	4.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	214	222	250	85.6	88.8		70-121			
Toluene-d8	237	228	250	94.8	91.2		81-117			

Severn Trent Laboratories, Inc.

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

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04/14/2004 12:40

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: 04/06/2004 18:40

Bay Rock- Oak Walk Emeryville

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.

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 12:40

2004-04-0176
THE SAN JOAQUIN COMPANY INC.

84507 102

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

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

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.
BG-2-5.0	soil	BG-2	n.a.	n.a.	04/6/04	09:20	TPH (d) + mineral spirits TPH (g) + BTEX Volatile organic compounds by 8260 PNA's in soil, method 8270	
BG-2-10.0	"	"				09:45		
BG-2-15.0	"	"				10:00		
BG-1-5		BG-1				12:00		
BG-1-10		"				12:10		
BG-1-15		"				12:20		
BG-1-20		"				12:20		
MW-7-5.0		MW-7				15:05		
MW-7-10.0		"				15:15		
								4.4%

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. Watkins	San Joaquin Co	—	—	04/06/04	18:40	<i>D. J. Watkins</i>
Received/ Relinquished by:							
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:	Nounak	STL-SF	04/06/04	1840	—	—	

San Joaquin Company, Inc.

May 10, 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 04/06/2004 00:00


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 05/21/2004 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

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 * 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

Received: 04/06/2004

Bay Rock - Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BG-2-18.0	04/06/2004 10:10	Soil	1

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 15:42

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: 04/06/2004

Prep(s):	5035	Test(s):	8260B
Sample ID:	BG-2-18.0	Lab ID:	2004-05-0058 - 1
Sampled:	04/06/2004 10:10	Extracted:	5/6/2004 16:56
Matrix:	Soil	QC Batch#:	2004/05/06-01.09
Analysis Flag: HT (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	20	5.0	ug/Kg	1.00	05/06/2004 16:56	
Acetone	ND	50	ug/Kg	1.00	05/06/2004 16:56	
Benzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Bromobenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Bromochloromethane	ND	20	ug/Kg	1.00	05/06/2004 16:56	
Bromoform	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Bromomethane	ND	10	ug/Kg	1.00	05/06/2004 16:56	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	05/06/2004 16:56	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Carbon disulfide	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Chlorobenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Chloroethane	ND	10	ug/Kg	1.00	05/06/2004 16:56	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	05/06/2004 16:56	
Chloroform	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Chloromethane	ND	10	ug/Kg	1.00	05/06/2004 16:56	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	05/06/2004 16:56	

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 15:42

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
 Sample ID: BG-2-18.0 Lab ID: 2004-05-0058 - 1
 Sampled: 04/06/2004 10:10 Extracted: 5/6/2004 16:56
 Matrix: Soil QC Batch#: 2004/05/06-01.09
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	05/06/2004 16:56	
Dibromomethane	ND	10	ug/Kg	1.00	05/06/2004 16:56	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	05/06/2004 16:56	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Ethylbenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
2-Hexanone	ND	50	ug/Kg	1.00	05/06/2004 16:56	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Methylene chloride	ND	10	ug/Kg	1.00	05/06/2004 16:56	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	05/06/2004 16:56	
Naphthalene	ND	10	ug/Kg	1.00	05/06/2004 16:56	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Styrene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Toluene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	

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 15:42

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
 Sample ID: **BG-2-18.0** Lab ID: 2004-05-0058 - 1
 Sampled: 04/06/2004 10:10 Extracted: 5/6/2004 16:56
 Matrix: Soil QC Batch#: 2004/05/06-01.09
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Vinyl acetate	ND	50	ug/Kg	1.00	05/06/2004 16:56	
Vinyl chloride	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Total xylenes	ND	5.0	ug/Kg	1.00	05/06/2004 16:56	
Surrogate(s)						
4-Bromofluorobenzene	90.4	74-121	%	1.00	05/06/2004 16:56	
1,2-Dichloroethane-d4	106.9	70-121	%	1.00	05/06/2004 16:56	
Toluene-d8	101.9	81-117	%	1.00	05/06/2004 16:56	

Severn Trent Laboratories, Inc.

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05/07/2004 15:42

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/05/06-01.09

MB: 2004/05/06-01.09-004

Date Extracted: 05/06/2004 10:42

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	05/06/2004 10:42	
Acetone	ND	50	ug/Kg	05/06/2004 10:42	
Benzene	ND	5.0	ug/Kg	05/06/2004 10:42	
Bromodichloromethane	ND	5.0	ug/Kg	05/06/2004 10:42	
Bromobenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
Bromochloromethane	ND	20	ug/Kg	05/06/2004 10:42	
Bromoform	ND	5.0	ug/Kg	05/06/2004 10:42	
Bromomethane	ND	10	ug/Kg	05/06/2004 10:42	
2-Butanone(MEK)	ND	50	ug/Kg	05/06/2004 10:42	
n-Butylbenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
sec-Butylbenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
tert-Butylbenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
Carbon disulfide	ND	5.0	ug/Kg	05/06/2004 10:42	
Carbon tetrachloride	ND	5.0	ug/Kg	05/06/2004 10:42	
Chlorobenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
Chloroethane	ND	10	ug/Kg	05/06/2004 10:42	
2-Chloroethylvinyl ether	ND	50	ug/Kg	05/06/2004 10:42	
Chloroform	ND	5.0	ug/Kg	05/06/2004 10:42	
Chloromethane	ND	10	ug/Kg	05/06/2004 10:42	
2-Chlorotoluene	ND	5.0	ug/Kg	05/06/2004 10:42	
4-Chlorotoluene	ND	5.0	ug/Kg	05/06/2004 10:42	
Dibromochloromethane	ND	5.0	ug/Kg	05/06/2004 10:42	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
1,3-Dichloropropane	ND	5.0	ug/Kg	05/06/2004 10:42	
2,2-Dichloropropane	ND	5.0	ug/Kg	05/06/2004 10:42	
1,1-Dichloropropene	ND	5.0	ug/Kg	05/06/2004 10:42	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	05/06/2004 10:42	
1,2-Dibromoethane	ND	10	ug/Kg	05/06/2004 10:42	

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 15:42

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/05/06-01.09

MB: 2004/05/06-01.09-004

Date Extracted: 05/06/2004 10:42

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	05/06/2004 10:42	
Dichlorodifluoromethane	ND	10	ug/Kg	05/06/2004 10:42	
1,1-Dichloroethane	ND	5.0	ug/Kg	05/06/2004 10:42	
1,2-Dichloroethane	ND	5.0	ug/Kg	05/06/2004 10:42	
1,1-Dichloroethene	ND	5.0	ug/Kg	05/06/2004 10:42	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	05/06/2004 10:42	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	05/06/2004 10:42	
1,2-Dichloropropane	ND	5.0	ug/Kg	05/06/2004 10:42	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	05/06/2004 10:42	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	05/06/2004 10:42	
Ethylbenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
Hexachlorobutadiene	ND	5.0	ug/Kg	05/06/2004 10:42	
2-Hexanone	ND	50	ug/Kg	05/06/2004 10:42	
Isopropylbenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
p-Isopropyltoluene	ND	5.0	ug/Kg	05/06/2004 10:42	
Methylene chloride	ND	10	ug/Kg	05/06/2004 10:42	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	05/06/2004 10:42	
Naphthalene	ND	10	ug/Kg	05/06/2004 10:42	
n-Propylbenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
Styrene	ND	5.0	ug/Kg	05/06/2004 10:42	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	05/06/2004 10:42	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	05/06/2004 10:42	
Tetrachloroethene	ND	5.0	ug/Kg	05/06/2004 10:42	
Toluene	ND	5.0	ug/Kg	05/06/2004 10:42	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	05/06/2004 10:42	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	05/06/2004 10:42	
Trichloroethene	ND	5.0	ug/Kg	05/06/2004 10:42	
Trichlorofluoromethane	ND	5.0	ug/Kg	05/06/2004 10:42	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	05/06/2004 10:42	

Sewern Trent Laboratories, Inc.

05/07/2004 15:42

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

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: 04/06/2004

Batch QC Report

Prep(s): 5035
Method Blank
MB: 2004/05/06-01.09-004

Soil

Test(s): 8260B
QC Batch # 2004/05/06-01.09
Date Extracted: 05/06/2004 10:42

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	05/06/2004 10:42	
Vinyl acetate	ND	50	ug/Kg	05/06/2004 10:42	
Vinyl chloride	ND	5.0	ug/Kg	05/06/2004 10:42	
Total xylenes	ND	5.0	ug/Kg	05/06/2004 10:42	
Surrogates(s)					
4-Bromofluorobenzene	95.1	74-121	%	05/06/2004 10:42	
1,2-Dichloroethane-d4	94.4	70-121	%	05/06/2004 10:42	
Toluene-d8	102.6	81-117	%	05/06/2004 10:42	

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/05/06-01.09

LCS 2004/05/06-01.09-002

Extracted: 05/06/2004

Analyzed: 05/06/2004 09:38

LCSD 2004/05/06-01.09-003

Extracted: 05/06/2004

Analyzed: 05/06/2004 10:16

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	99.3	101	100.0	99.3	101.0	1.7	69-129	20		
Chlorobenzene	98.8	99.2	100.0	98.8	99.2	0.4	61-121	20		
1,1-Dichloroethene	69.1	72.9	100.0	69.1	72.9	5.4	65-125	20		
Toluene	104	103	100.0	104.0	103.0	1.0	70-130	20		
Trichloroethene	98.6	99.5	100.0	98.6	99.5	0.9	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	477	479	500	95.4	95.8		74-121			
1,2-Dichloroethane-d4	457	475	500	91.4	95.0		70-121			
Toluene-d8	518	509	500	103.6	101.8		81-117			

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05/07/2004 15:42

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

Severn Trent Laboratories, Inc.

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

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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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BG-2-18.0	04/06/2004 10:10	Soil	1

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05/07/2004 14:47

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Prep(s): 3550B/8270C Test(s): 8270C
 Sample ID: BG-2-18.0 Lab ID: 2004-05-0058 - 1
 Sampled: 04/06/2004 10:10 Extracted: 5/6/2004 07:58
 Matrix: Soil QC Batch#: 2004/05/06-01.11
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Acenaphthylene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Acenaphthene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Fluorene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Phenanthrene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Chrysene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	05/06/2004 22:51	
Surrogate(s)						
Nitrobenzene-d5	86.7	23-120	%	1.00	05/06/2004 22:51	
2-Fluorobiphenyl	83.1	30-115	%	1.00	05/06/2004 22:51	
p-Terphenyl-d14	112.5	18-137	%	1.00	05/06/2004 22:51	

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05/07/2004 14:47

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2004/05/06-01.11

MB: 2004/05/06-01.11-001

Date Extracted: 05/06/2004 07:58

Compound	Conc.	RL	Unit	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	05/07/2004 10:38	
Acenaphthylene	ND	0.067	mg/Kg	05/07/2004 10:38	
Acenaphthene	ND	0.067	mg/Kg	05/07/2004 10:38	
Fluorene	ND	0.067	mg/Kg	05/07/2004 10:38	
Phenanthrene	ND	0.067	mg/Kg	05/07/2004 10:38	
Anthracene	ND	0.067	mg/Kg	05/07/2004 10:38	
Fluoranthene	ND	0.067	mg/Kg	05/07/2004 10:38	
Pyrene	ND	0.067	mg/Kg	05/07/2004 10:38	
Benzo(a)anthracene	ND	0.067	mg/Kg	05/07/2004 10:38	
Chrysene	ND	0.067	mg/Kg	05/07/2004 10:38	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	05/07/2004 10:38	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	05/07/2004 10:38	
Benzo(a)pyrene	ND	0.067	mg/Kg	05/07/2004 10:38	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	05/07/2004 10:38	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	05/07/2004 10:38	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	05/07/2004 10:38	
Surrogates(s)					
Nitrobenzene-d5	92.9	23-120	%	05/07/2004 10:38	
2-Fluorobiphenyl	100.4	30-115	%	05/07/2004 10:38	
p-Terphenyl-d14	118.7	18-137	%	05/07/2004 10:38	

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05/07/2004 14:47

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: 04/06/2004

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Laboratory Control Spike

Soil

QC Batch # 2004/05/06-01.11

LCS 2004/05/06-01.11-002

Extracted: 05/06/2004

Analyzed: 05/07/2004 11:07

LCSD 2004/05/06-01.11-003

Extracted: 05/06/2004

Analyzed: 05/07/2004 11:35

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Acenaphthene	0.800	0.810	0.996	80.3	81.3	1.2	49-102	30		
Pyrene	1.05	0.980	0.996	105.4	98.4	6.9	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	20.2	20.8	25	80.8	83.2		23-120			
2-Fluorobiphenyl	22.0	21.8	25	88.0	87.2		30-115			
p-Terphenyl-d14	31.0	26.6	25	124.0	106.4		18-137			

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05/07/2004 14:47

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BG-2-18.0	04/06/2004 10:10	Soil	1

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 15:35

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: 04/06/2004

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/05/07-01.62

MB: 2004/05/07-01.62-056

Date Extracted: 05/07/2004 08:56

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	05/07/2004 08:56	
Benzene	ND	5.0	ug/Kg	05/07/2004 08:56	
Toluene	ND	5.0	ug/Kg	05/07/2004 08:56	
Ethyl benzene	ND	5.0	ug/Kg	05/07/2004 08:56	
Total xylenes	ND	5.0	ug/Kg	05/07/2004 08:56	
Surrogates(s)					
1,2-Dichloroethane-d4	117.0	70-121	%	05/07/2004 08:56	
Toluene-d8	99.0	81-117	%	05/07/2004 08:56	

Severn Trent Laboratories, Inc.

05/07/2004 15:35

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

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: 04/06/2004

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/05/07-01.62

LCS 2004/05/07-01.62-012

Extracted: 05/07/2004

Analyzed: 05/07/2004 08:12

LCSD 2004/05/07-01.62-034

Extracted: 05/07/2004

Analyzed: 05/07/2004 08:34

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	50.7	53.9	50.0	101.4	107.8	6.1	69-129	20		
Toluene	50.0	54.3	50.0	100.0	108.6	8.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	572	586	500	114.4	117.2		70-121			
Toluene-d8	466	501	500	93.2	100.2		81-117			

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BG-2-18.0	04/06/2004 10:10	Soil	1

Severn Trent Laboratories, Inc.

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

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05/10/2004 15:16

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Prep(s): 3550/8015M Test(s): 8015M
 Sample ID: **BG-2-18.0** Lab ID: 2004-05-0058 - 1
 Sampled: 04/06/2004 10:10 Extracted: 5/4/2004 14:40
 Matrix: Soil QC Batch#: 2004/05/04-08.10
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	05/05/2004 17:33	
Mineral spirits	ND	10	mg/Kg	1.00	05/05/2004 17:33	
<i>Surrogate(s)</i>						
o-Terphenyl	74.4	60-130	%	1.00	05/05/2004 17:33	

Severn Trent Laboratories, Inc.

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05/10/2004 15:16

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: 04/06/2004

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Method Blank

Soil

QC Batch # 2004/05/04-08.10

MB: 2004/05/04-08.10-001

Date Extracted: 05/04/2004 14:40

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	05/05/2004 08:18	
Mineral spirits	ND	10	mg/Kg	05/05/2004 08:18	
Surrogates(s) o-Terphenyl	83.0	60-130	%	05/05/2004 08:18	

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05/10/2004 15:16

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: 04/06/2004

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2004/05/04-08.10

LCS 2004/05/04-08.10-002

Extracted: 05/04/2004

Analyzed: 05/05/2004 08:49

LCSD 2004/05/04-08.10-003

Extracted: 05/04/2004

Analyzed: 05/05/2004 09:20

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	35.1	37.1	41.5	84.6	89.2	5.3	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	16.6	17.4	20.0	83.2	86.9		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

05/10/2004 15:16

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: 04/06/2004

Bay Rock - Oak Walk Emeryville

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

Severn Trent Laboratories, Inc.

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05/10/2004 15:16

San Joaquin Company, Inc.

April 30, 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 04/02/2004 00:00

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 05/17/2004 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

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 * 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) 336-9119Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BG-1-30.0	04/06/2004	Soil	5
BG-2-21.0	04/06/2004 10:15	Soil	6
MWT-1-20.0	04/02/2004 11:55	Soil	7
MWT-3-20.0	04/02/2004 14:45	Soil	8
MWT-5-15.0	04/02/2004 08:35	Soil	9
MWT-7-20.0	04/06/2004 15:30	Soil	11
MWT-8-18.0	04/02/2004 09:35	Soil	12
MWT-9-19.5	04/01/2004 14:35	Soil	13
MWT-10-20.0	04/01/2004 13:45	Soil	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

04/26/2004 16:53

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
 Sample ID: BG-1-30.0 Lab ID: 2004-04-0553 - 5
 Sampled: 04/06/2004 Extracted: 4/22/2004 12:07
 Matrix: Soil QC Batch#: 2004/04/22-01.09
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Acetone	ND	50	ug/Kg	1.00	04/22/2004 12:07	
Benzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Bromochloromethane	ND	20	ug/Kg	1.00	04/22/2004 12:07	
Bromoform	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Bromomethane	ND	10	ug/Kg	1.00	04/22/2004 12:07	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/22/2004 12:07	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Chloroethane	ND	10	ug/Kg	1.00	04/22/2004 12:07	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/22/2004 12:07	
Chloroform	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Chloromethane	ND	10	ug/Kg	1.00	04/22/2004 12:07	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/22/2004 12:07	

Severn Trent Laboratories, Inc.

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

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04/26/2004 16:53

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: **BG-1-30.0** Lab ID: 2004-04-0553 - 5
Sampled: 04/06/2004 Extracted: 4/22/2004 12:07
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/22/2004 12:07	
Dibromomethane	ND	10	ug/Kg	1.00	04/22/2004 12:07	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/22/2004 12:07	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
2-Hexanone	ND	50	ug/Kg	1.00	04/22/2004 12:07	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Methylene chloride	ND	10	ug/Kg	1.00	04/22/2004 12:07	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/22/2004 12:07	
Naphthalene	ND	10	ug/Kg	1.00	04/22/2004 12:07	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Styrene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Toluene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	

Severn Trent Laboratories, Inc.

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04/26/2004 16:53

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: **BG-1-30.0** Lab ID: 2004-04-0553 - 5
Sampled: 04/06/2004 Extracted: 4/22/2004 12:07
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Vinyl acetate	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Total xylenes	ND	5.0	ug/Kg	1.00	04/22/2004 12:07	
Surrogate(s)						
4-Bromofluorobenzene	94.2	74-121	%	1.00	04/22/2004 12:07	
1,2-Dichloroethane-d4	92.6	70-121	%	1.00	04/22/2004 12:07	
Toluene-d8	102.4	81-117	%	1.00	04/22/2004 12:07	

Severn Trent Laboratories, Inc.

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04/26/2004 16:53

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: **BG-2-21.0** Lab ID: 2004-04-0553 - 6
Sampled: 04/06/2004 10:15 Extracted: 4/22/2004 12:46
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Acetone	63	50	ug/Kg	1.00	04/22/2004 12:46	
Benzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Bromochloromethane	ND	20	ug/Kg	1.00	04/22/2004 12:46	
Bromoform	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Bromomethane	ND	10	ug/Kg	1.00	04/22/2004 12:46	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/22/2004 12:46	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Chloroethane	ND	10	ug/Kg	1.00	04/22/2004 12:46	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/22/2004 12:46	
Chloroform	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Chloromethane	ND	10	ug/Kg	1.00	04/22/2004 12:46	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/22/2004 12:46	

Sewern Trent Laboratories, Inc.

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04/26/2004 16:53

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: **BG-2-21.0** Lab ID: 2004-04-0553 - 6
Sampled: 04/06/2004 10:15 Extracted: 4/22/2004 12:46
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/22/2004 12:46	
Dibromomethane	ND	10	ug/Kg	1.00	04/22/2004 12:46	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/22/2004 12:46	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
2-Hexanone	ND	50	ug/Kg	1.00	04/22/2004 12:46	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Methylene chloride	ND	10	ug/Kg	1.00	04/22/2004 12:46	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/22/2004 12:46	
Naphthalene	ND	10	ug/Kg	1.00	04/22/2004 12:46	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Styrene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Toluene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: BG-2-21.0 Lab ID: 2004-04-0553 - 6
Sampled: 04/06/2004 10:15 Extracted: 4/22/2004 12:46
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Vinyl acetate	ND	50	ug/Kg	1.00	04/22/2004 12:46	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Total xylenes	ND	5.0	ug/Kg	1.00	04/22/2004 12:46	
Surrogate(s)						
4-Bromofluorobenzene	93.9	74-121	%	1.00	04/22/2004 12:46	
1,2-Dichloroethane-d4	98.8	70-121	%	1.00	04/22/2004 12:46	
Toluene-d8	99.5	81-117	%	1.00	04/22/2004 12:46	

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: **MWT-1-20.0** Lab ID: 2004-04-0553 - 7
Sampled: 04/02/2004 11:55 Extracted: 4/21/2004 16:35
Matrix: Soil QC Batch#: 2004/04/21-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Acetone	ND	50	ug/Kg	1.00	04/21/2004 16:35	
Benzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Bromochloromethane	ND	20	ug/Kg	1.00	04/21/2004 16:35	
Bromoform	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Bromomethane	ND	10	ug/Kg	1.00	04/21/2004 16:35	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/21/2004 16:35	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Chloroethane	ND	10	ug/Kg	1.00	04/21/2004 16:35	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/21/2004 16:35	
Chloroform	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Chloromethane	ND	10	ug/Kg	1.00	04/21/2004 16:35	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/21/2004 16:35	

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: MWT-1-20.0 Lab ID: 2004-04-0553 - 7
Sampled: 04/02/2004 11:55 Extracted: 4/21/2004 16:35
Matrix: Soil QC Batch#: 2004/04/21-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/21/2004 16:35	
Dibromomethane	ND	10	ug/Kg	1.00	04/21/2004 16:35	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/21/2004 16:35	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
2-Hexanone	ND	50	ug/Kg	1.00	04/21/2004 16:35	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Methylene chloride	ND	10	ug/Kg	1.00	04/21/2004 16:35	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/21/2004 16:35	
Naphthalene	ND	10	ug/Kg	1.00	04/21/2004 16:35	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Styrene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Toluene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	

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04/26/2004 16:53

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: MWT-1-20.0 Lab ID: 2004-04-0553 - 7
Sampled: 04/02/2004 11:55 Extracted: 4/21/2004 16:35
Matrix: Soil QC Batch#: 2004/04/21-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Vinyl acetate	ND	50	ug/Kg	1.00	04/21/2004 16:35	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Total xylenes	ND	5.0	ug/Kg	1.00	04/21/2004 16:35	
Surrogate(s)						
4-Bromofluorobenzene	100.9	74-121	%	1.00	04/21/2004 16:35	
1,2-Dichloroethane-d4	102.5	70-121	%	1.00	04/21/2004 16:35	
Toluene-d8	98.3	81-117	%	1.00	04/21/2004 16:35	

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: 04/02/2004

Prep(s):	5035	Test(s):	8260B
Sample ID:	MWT-3-20.0	Lab ID:	2004-04-0553 - 8
Sampled:	04/02/2004 14:45	Extracted:	4/21/2004 17:01
Matrix:	Soil	QC Batch#:	2004/04/21-01.09
Analysis Flag: HT (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Acetone	ND	50	ug/Kg	1.00	04/21/2004 17:01	
Benzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Bromochloromethane	ND	20	ug/Kg	1.00	04/21/2004 17:01	
Bromoform	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Bromomethane	ND	10	ug/Kg	1.00	04/21/2004 17:01	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/21/2004 17:01	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Chloroethane	ND	10	ug/Kg	1.00	04/21/2004 17:01	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/21/2004 17:01	
Chloroform	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Chloromethane	ND	10	ug/Kg	1.00	04/21/2004 17:01	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/21/2004 17:01	

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Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

Attn.: Dai Watkins

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 Project: 0004.082
 Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s):	5035	Test(s):	8260B
Sample ID:	MWT-3-20.0	Lab ID:	2004-04-0553 - 8
Sampled:	04/02/2004 14:45	Extracted:	4/21/2004 17:01
Matrix:	Soil	QC Batch#:	2004/04/21-01.09
Analysis Flag: HT (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/21/2004 17:01	
Dibromomethane	ND	10	ug/Kg	1.00	04/21/2004 17:01	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/21/2004 17:01	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
2-Hexanone	ND	50	ug/Kg	1.00	04/21/2004 17:01	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Methylene chloride	ND	10	ug/Kg	1.00	04/21/2004 17:01	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/21/2004 17:01	
Naphthalene	ND	10	ug/Kg	1.00	04/21/2004 17:01	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Styrene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Toluene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	

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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
 Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 5035	Test(s): 8260B
Sample ID: MWT-3-20.0	Lab ID: 2004-04-0553 - 8
Sampled: 04/02/2004 14:45	Extracted: 4/21/2004 17:01
Matrix: Soil	QC Batch#: 2004/04/21-01.09

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Vinyl acetate	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Total xylenes	ND	5.0	ug/Kg	1.00	04/21/2004 17:01	
Surrogate(s)						
4-Bromofluorobenzene	87.1	74-121	%	1.00	04/21/2004 17:01	
1,2-Dichloroethane-d4	102.3	70-121	%	1.00	04/21/2004 17:01	
Toluene-d8	100.6	81-117	%	1.00	04/21/2004 17:01	

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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
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: MWT-5-15.0 Lab ID: 2004-04-0553 - 9
Sampled: 04/02/2004 08:35 Extracted: 4/22/2004 13:13
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Acetone	ND	50	ug/Kg	1.00	04/22/2004 13:13	
Benzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Bromochloromethane	ND	20	ug/Kg	1.00	04/22/2004 13:13	
Bromoform	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Bromomethane	ND	10	ug/Kg	1.00	04/22/2004 13:13	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/22/2004 13:13	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Chloroethane	ND	10	ug/Kg	1.00	04/22/2004 13:13	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/22/2004 13:13	
Chloroform	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Chloromethane	ND	10	ug/Kg	1.00	04/22/2004 13:13	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/22/2004 13:13	

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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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
 Sample ID: MWT-5-15.0 Lab ID: 2004-04-0553 - 9
 Sampled: 04/02/2004 08:35 Extracted: 4/22/2004 13:13
 Matrix: Soil QC Batch#: 2004/04/22-01.09
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/22/2004 13:13	
Dibromomethane	ND	10	ug/Kg	1.00	04/22/2004 13:13	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/22/2004 13:13	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
2-Hexanone	ND	50	ug/Kg	1.00	04/22/2004 13:13	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Methylene chloride	ND	10	ug/Kg	1.00	04/22/2004 13:13	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/22/2004 13:13	
Naphthalene	ND	10	ug/Kg	1.00	04/22/2004 13:13	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Styrene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Toluene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5035	Test(s): 8260B
Sample ID: MWT-5-15.0	Lab ID: 2004-04-0553 - 9
Sampled: 04/02/2004 08:35	Extracted: 4/22/2004 13:13
Matrix: Soil	QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Vinyl acetate	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Total xylenes	ND	5.0	ug/Kg	1.00	04/22/2004 13:13	
Surrogate(s)						
4-Bromofluorobenzene	96.4	74-121	%	1.00	04/22/2004 13:13	
1,2-Dichloroethane-d4	97.1	70-121	%	1.00	04/22/2004 13:13	
Toluene-d8	98.2	81-117	%	1.00	04/22/2004 13:13	

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
 Sample ID: **MWT-7-20.0** Lab ID: 2004-04-0553 - 11
 Sampled: 04/06/2004 15:30 Extracted: 4/22/2004 13:39
 Matrix: Soil QC Batch#: 2004/04/22-01.09
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Acetone	88	50	ug/Kg	1.00	04/22/2004 13:39	
Benzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Bromochloromethane	ND	20	ug/Kg	1.00	04/22/2004 13:39	
Bromoform	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Bromomethane	ND	10	ug/Kg	1.00	04/22/2004 13:39	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/22/2004 13:39	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Chloroethane	ND	10	ug/Kg	1.00	04/22/2004 13:39	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/22/2004 13:39	
Chloroform	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Chloromethane	ND	10	ug/Kg	1.00	04/22/2004 13:39	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,1-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/22/2004 13:39	

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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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
 Sample ID: MWT-7-20.0 Lab ID: 2004-04-0553 - 11
 Sampled: 04/06/2004 15:30 Extracted: 4/22/2004 13:39
 Matrix: Soil QC Batch#: 2004/04/22-01.09
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/22/2004 13:39	
Dibromomethane	ND	10	ug/Kg	1.00	04/22/2004 13:39	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/22/2004 13:39	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
2-Hexanone	ND	50	ug/Kg	1.00	04/22/2004 13:39	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Methylene chloride	ND	10	ug/Kg	1.00	04/22/2004 13:39	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/22/2004 13:39	
Naphthalene	ND	10	ug/Kg	1.00	04/22/2004 13:39	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Styrene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Toluene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	

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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
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: MWT-7-20.0 Lab ID: 2004-04-0553 - 11
Sampled: 04/06/2004 15:30 Extracted: 4/22/2004 13:39
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Vinyl acetate	ND	50	ug/Kg	1.00	04/22/2004 13:39	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Total xylenes	ND	5.0	ug/Kg	1.00	04/22/2004 13:39	
Surrogate(s)						
4-Bromofluorobenzene	92.1	74-121	%	1.00	04/22/2004 13:39	
1,2-Dichloroethane-d4	97.9	70-121	%	1.00	04/22/2004 13:39	
Toluene-d8	101.3	81-117	%	1.00	04/22/2004 13:39	

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: MWT-8-18.0 Lab ID: 2004-04-0553 - 12
Sampled: 04/02/2004 09:35 Extracted: 4/22/2004 14:58
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Acetone	ND	50	ug/Kg	1.00	04/22/2004 14:58	
Benzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Bromochloromethane	ND	20	ug/Kg	1.00	04/22/2004 14:58	
Bromoform	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Bromomethane	ND	10	ug/Kg	1.00	04/22/2004 14:58	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/22/2004 14:58	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Chloroethane	ND	10	ug/Kg	1.00	04/22/2004 14:58	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/22/2004 14:58	
Chloroform	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Chloromethane	ND	10	ug/Kg	1.00	04/22/2004 14:58	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/22/2004 14:58	

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Volatile Organic Compounds by 8260B (Low Level)

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
Sample ID: MWT-8-18.0 Lab ID: 2004-04-0553 - 12
Sampled: 04/02/2004 09:35 Extracted: 4/22/2004 14:58
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/22/2004 14:58	
Dibromomethane	ND	10	ug/Kg	1.00	04/22/2004 14:58	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/22/2004 14:58	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
2-Hexanone	ND	50	ug/Kg	1.00	04/22/2004 14:58	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Methylene chloride	ND	10	ug/Kg	1.00	04/22/2004 14:58	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/22/2004 14:58	
Naphthalene	ND	10	ug/Kg	1.00	04/22/2004 14:58	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Styrene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Toluene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	

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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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
 Sample ID: MWT-8-18.0 Lab ID: 2004-04-0553 - 12
 Sampled: 04/02/2004 09:35 Extracted: 4/22/2004 14:58
 Matrix: Soil QC Batch#: 2004/04/22-01.09
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Vinyl acetate	ND	50	ug/Kg	1.00	04/22/2004 14:58	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Total xylenes	ND	5.0	ug/Kg	1.00	04/22/2004 14:58	
Surrogate(s)						
4-Bromofluorobenzene	91.6	74-121	%	1.00	04/22/2004 14:58	
1,2-Dichloroethane-d4	94.8	70-121	%	1.00	04/22/2004 14:58	
Toluene-d8	98.5	81-117	%	1.00	04/22/2004 14:58	

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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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
 Sample ID: MWT-9-19.5 Lab ID: 2004-04-0553 - 13
 Sampled: 04/01/2004 14:35 Extracted: 4/22/2004 15:24
 Matrix: Soil QC Batch#: 2004/04/22-01.09
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Acetone	ND	50	ug/Kg	1.00	04/22/2004 15:24	
Benzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Bromochloromethane	ND	20	ug/Kg	1.00	04/22/2004 15:24	
Bromoform	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Bromomethane	ND	10	ug/Kg	1.00	04/22/2004 15:24	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/22/2004 15:24	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Chloroethane	ND	10	ug/Kg	1.00	04/22/2004 15:24	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/22/2004 15:24	
Chloroform	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Chloromethane	ND	10	ug/Kg	1.00	04/22/2004 15:24	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/22/2004 15:24	

Severn Trent Laboratories, Inc.

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04/26/2004 16:53

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: MWT-9-19.5 Lab ID: 2004-04-0553 - 13
Sampled: 04/01/2004 14:35 Extracted: 4/22/2004 15:24
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/22/2004 15:24	
Dibromomethane	ND	10	ug/Kg	1.00	04/22/2004 15:24	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/22/2004 15:24	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
2-Hexanone	ND	50	ug/Kg	1.00	04/22/2004 15:24	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Methylene chloride	ND	10	ug/Kg	1.00	04/22/2004 15:24	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/22/2004 15:24	
Naphthalene	ND	10	ug/Kg	1.00	04/22/2004 15:24	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Styrene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Toluene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	

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04/26/2004 16:53

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: MWT-9-19.5 Lab ID: 2004-04-0553 - 13
Sampled: 04/01/2004 14:35 Extracted: 4/22/2004 15:24
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Vinyl acetate	ND	50	ug/Kg	1.00	04/22/2004 15:24	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Total xylenes	ND	5.0	ug/Kg	1.00	04/22/2004 15:24	
Surrogate(s)						
4-Bromofluorobenzene	91.9	74-121	%	1.00	04/22/2004 15:24	
1,2-Dichloroethane-d4	102.4	70-121	%	1.00	04/22/2004 15:24	
Toluene-d8	104.8	81-117	%	1.00	04/22/2004 15:24	

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04/26/2004 16:53

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: 04/02/2004

Prep(s): 5035 Test(s): 8260B
Sample ID: MWT-10-20.0 Lab ID: 2004-04-0553 - 14
Sampled: 04/01/2004 13:45 Extracted: 4/22/2004 15:51
Matrix: Soil QC Batch#: 2004/04/22-01.09
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Acetone	ND	50	ug/Kg	1.00	04/22/2004 15:51	
Benzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Bromobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Bromochloromethane	ND	20	ug/Kg	1.00	04/22/2004 15:51	
Bromoform	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Bromomethane	ND	10	ug/Kg	1.00	04/22/2004 15:51	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	04/22/2004 15:51	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Carbon disulfide	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Chlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Chloroethane	ND	10	ug/Kg	1.00	04/22/2004 15:51	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	04/22/2004 15:51	
Chloroform	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Chloromethane	ND	10	ug/Kg	1.00	04/22/2004 15:51	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	04/22/2004 15:51	

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Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
 Sample ID: MWT-10-20.0 Lab ID: 2004-04-0553 - 14
 Sampled: 04/01/2004 13:45 Extracted: 4/22/2004 15:51
 Matrix: Soil QC Batch#: 2004/04/22-01.09
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	10	ug/Kg	1.00	04/22/2004 15:51	
Dibromomethane	ND	10	ug/Kg	1.00	04/22/2004 15:51	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	04/22/2004 15:51	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Ethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
2-Hexanone	ND	50	ug/Kg	1.00	04/22/2004 15:51	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Methylene chloride	ND	10	ug/Kg	1.00	04/22/2004 15:51	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	04/22/2004 15:51	
Naphthalene	ND	10	ug/Kg	1.00	04/22/2004 15:51	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Styrene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Toluene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	

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Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

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Oakland, CA 94602-1459

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5035 Test(s): 8260B
 Sample ID: MWT-10-20.0 Lab ID: 2004-04-0553 - 14
 Sampled: 04/01/2004 13:45 Extracted: 4/22/2004 15:51
 Matrix: Soil QC Batch#: 2004/04/22-01.09
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Vinyl acetate	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Vinyl chloride	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Total xylenes	ND	5.0	ug/Kg	1.00	04/22/2004 15:51	
Surrogate(s)						
4-Bromofluorobenzene	97.3	74-121	%	1.00	04/22/2004 15:51	
1,2-Dichloroethane-d4	108.7	70-121	%	1.00	04/22/2004 15:51	
Toluene-d8	101.8	81-117	%	1.00	04/22/2004 15:51	

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Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

Attn.: Dai Watkins

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

Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/21-01.09

MB: 2004/04/21-01.09-005

Date Extracted: 04/21/2004 09:45

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	04/21/2004 09:45	
Acetone	ND	50	ug/Kg	04/21/2004 09:45	
Benzene	ND	5.0	ug/Kg	04/21/2004 09:45	
Bromodichloromethane	ND	5.0	ug/Kg	04/21/2004 09:45	
Bromobenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
Bromochloromethane	ND	20	ug/Kg	04/21/2004 09:45	
Bromoform	ND	5.0	ug/Kg	04/21/2004 09:45	
Bromomethane	ND	10	ug/Kg	04/21/2004 09:45	
2-Butanone(MEK)	ND	50	ug/Kg	04/21/2004 09:45	
n-Butylbenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
sec-Butylbenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
tert-Butylbenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
Carbon disulfide	ND	5.0	ug/Kg	04/21/2004 09:45	
Carbon tetrachloride	ND	5.0	ug/Kg	04/21/2004 09:45	
Chlorobenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
Chloroethane	ND	10	ug/Kg	04/21/2004 09:45	
2-Chloroethylvinyl ether	ND	50	ug/Kg	04/21/2004 09:45	
Chloroform	ND	5.0	ug/Kg	04/21/2004 09:45	
Chloromethane	ND	10	ug/Kg	04/21/2004 09:45	
2-Chlorotoluene	ND	5.0	ug/Kg	04/21/2004 09:45	
4-Chlorotoluene	ND	5.0	ug/Kg	04/21/2004 09:45	
Dibromochloromethane	ND	5.0	ug/Kg	04/21/2004 09:45	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
1,3-Dichloropropane	ND	5.0	ug/Kg	04/21/2004 09:45	
2,2-Dichloropropane	ND	5.0	ug/Kg	04/21/2004 09:45	
1,1-Dichloropropene	ND	5.0	ug/Kg	04/21/2004 09:45	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	04/21/2004 09:45	
1,2-Dibromoethane	ND	10	ug/Kg	04/21/2004 09:45	

Severn Trent Laboratories, Inc.

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Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

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

Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/21-01.09

MB: 2004/04/21-01.09-005

Date Extracted: 04/21/2004 09:45

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	04/21/2004 09:45	
Dichlorodifluoromethane	ND	10	ug/Kg	04/21/2004 09:45	
1,1-Dichloroethane	ND	5.0	ug/Kg	04/21/2004 09:45	
1,2-Dichloroethane	ND	5.0	ug/Kg	04/21/2004 09:45	
1,1-Dichloroethene	ND	5.0	ug/Kg	04/21/2004 09:45	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	04/21/2004 09:45	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	04/21/2004 09:45	
1,2-Dichloropropane	ND	5.0	ug/Kg	04/21/2004 09:45	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	04/21/2004 09:45	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	04/21/2004 09:45	
Ethylbenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
Hexachlorobutadiene	ND	5.0	ug/Kg	04/21/2004 09:45	
2-Hexanone	ND	50	ug/Kg	04/21/2004 09:45	
Isopropylbenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
p-Isopropyltoluene	ND	5.0	ug/Kg	04/21/2004 09:45	
Methylene chloride	ND	10	ug/Kg	04/21/2004 09:45	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	04/21/2004 09:45	
Naphthalene	ND	10	ug/Kg	04/21/2004 09:45	
n-Propylbenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
Styrene	ND	5.0	ug/Kg	04/21/2004 09:45	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	04/21/2004 09:45	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	04/21/2004 09:45	
Tetrachloroethene	ND	5.0	ug/Kg	04/21/2004 09:45	
Toluene	ND	5.0	ug/Kg	04/21/2004 09:45	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	04/21/2004 09:45	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	04/21/2004 09:45	
Trichloroethene	ND	5.0	ug/Kg	04/21/2004 09:45	
Trichlorofluoromethane	ND	5.0	ug/Kg	04/21/2004 09:45	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	04/21/2004 09:45	

Severn Trent Laboratories, Inc.

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Volatile Organic Compounds by 8260B (Low Level)

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/21-01.09

MB: 2004/04/21-01.09-005

Date Extracted: 04/21/2004 09:45

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	04/21/2004 09:45	
Vinyl acetate	ND	50	ug/Kg	04/21/2004 09:45	
Vinyl chloride	ND	5.0	ug/Kg	04/21/2004 09:45	
Total xylenes	ND	5.0	ug/Kg	04/21/2004 09:45	
Surrogates(s)					
4-Bromofluorobenzene	87.9	74-121	%	04/21/2004 09:45	
1,2-Dichloroethane-d4	92.9	70-121	%	04/21/2004 09:45	
Toluene-d8	98.0	81-117	%	04/21/2004 09:45	

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Batch QC Report

Prep(s): 5035

Method Blank

MB: 2004/04/22-01.09-004

Soil

Test(s): 8260B

QC Batch # 2004/04/22-01.09

Date Extracted: 04/22/2004 09:26

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	04/22/2004 09:26	
Acetone	ND	50	ug/Kg	04/22/2004 09:26	
Benzene	ND	5.0	ug/Kg	04/22/2004 09:26	
Bromodichloromethane	ND	5.0	ug/Kg	04/22/2004 09:26	
Bromobenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
Bromochloromethane	ND	20	ug/Kg	04/22/2004 09:26	
Bromoform	ND	5.0	ug/Kg	04/22/2004 09:26	
Bromomethane	ND	10	ug/Kg	04/22/2004 09:26	
2-Butanone(MEK)	ND	50	ug/Kg	04/22/2004 09:26	
n-Butylbenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
sec-Butylbenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
tert-Butylbenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
Carbon disulfide	ND	5.0	ug/Kg	04/22/2004 09:26	
Carbon tetrachloride	ND	5.0	ug/Kg	04/22/2004 09:26	
Chlorobenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
Chloroethane	ND	10	ug/Kg	04/22/2004 09:26	
2-Chloroethylvinyl ether	ND	50	ug/Kg	04/22/2004 09:26	
Chloroform	ND	5.0	ug/Kg	04/22/2004 09:26	
Chloromethane	ND	10	ug/Kg	04/22/2004 09:26	
2-Chlorotoluene	ND	5.0	ug/Kg	04/22/2004 09:26	
4-Chlorotoluene	ND	5.0	ug/Kg	04/22/2004 09:26	
Dibromochloromethane	ND	5.0	ug/Kg	04/22/2004 09:26	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
1,3-Dichloropropane	ND	5.0	ug/Kg	04/22/2004 09:26	
2,2-Dichloropropane	ND	5.0	ug/Kg	04/22/2004 09:26	
1,1-Dichloropropene	ND	5.0	ug/Kg	04/22/2004 09:26	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	04/22/2004 09:26	
1,2-Dibromoethane	ND	10	ug/Kg	04/22/2004 09:26	
Dibromomethane	ND	10	ug/Kg	04/22/2004 09:26	

Severn Trent Laboratories, Inc.

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04/26/2004 16:53

Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

Attn.: Dai Watkins

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

Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/22-01.09

MB: 2004/04/22-01.09-004

Date Extracted: 04/22/2004 09:26

Compound	Conc.	RL	Unit	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/Kg	04/22/2004 09:26	
1,1-Dichloroethane	ND	5.0	ug/Kg	04/22/2004 09:26	
1,2-Dichloroethane	ND	5.0	ug/Kg	04/22/2004 09:26	
1,1-Dichloroethene	ND	5.0	ug/Kg	04/22/2004 09:26	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	04/22/2004 09:26	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	04/22/2004 09:26	
1,2-Dichloropropane	ND	5.0	ug/Kg	04/22/2004 09:26	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	04/22/2004 09:26	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	04/22/2004 09:26	
Ethylbenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
Hexachlorobutadiene	ND	5.0	ug/Kg	04/22/2004 09:26	
2-Hexanone	ND	50	ug/Kg	04/22/2004 09:26	
Isopropylbenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
p-Isopropyltoluene	ND	5.0	ug/Kg	04/22/2004 09:26	
Methylene chloride	ND	10	ug/Kg	04/22/2004 09:26	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	04/22/2004 09:26	
Naphthalene	ND	10	ug/Kg	04/22/2004 09:26	
n-Propylbenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
Styrene	ND	5.0	ug/Kg	04/22/2004 09:26	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	04/22/2004 09:26	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	04/22/2004 09:26	
Tetrachloroethene	ND	5.0	ug/Kg	04/22/2004 09:26	
Toluene	ND	5.0	ug/Kg	04/22/2004 09:26	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	04/22/2004 09:26	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	04/22/2004 09:26	
Trichloroethene	ND	5.0	ug/Kg	04/22/2004 09:26	
Trichlorofluoromethane	ND	5.0	ug/Kg	04/22/2004 09:26	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	04/22/2004 09:26	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	04/22/2004 09:26	

Severn Trent Laboratories, Inc.

04/26/2004 16:53

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

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/22-01.09

MB: 2004/04/22-01.09-004

Date Extracted: 04/22/2004 09:26

Compound	Conc.	RL	Unit	Analyzed	Flag
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	04/22/2004 09:26	
Vinyl acetate	ND	50	ug/Kg	04/22/2004 09:26	
Vinyl chloride	ND	5.0	ug/Kg	04/22/2004 09:26	
Total xylenes	ND	5.0	ug/Kg	04/22/2004 09:26	
Surrogates(s)					
4-Bromofluorobenzene	92.5	74-121	%	04/22/2004 09:26	
1,2-Dichloroethane-d4	95.7	70-121	%	04/22/2004 09:26	
Toluene-d8	99.2	81-117	%	04/22/2004 09:26	

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

04/26/2004 16:53

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/04/21-01.09

LCS 2004/04/21-01.09-003

Extracted: 04/21/2004

Analyzed: 04/21/2004 08:40

LCSD 2004/04/21-01.09-004

Extracted: 04/21/2004

Analyzed: 04/21/2004 09:18

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %			Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS	LCSD
Benzene	103	101	100.0	103.0	101.0	2.0	69-129	20			
Chlorobenzene	100	99.8	100.0	100.0	99.8	0.2	61-121	20			
1,1-Dichloroethene	73.5	73.4	100.0	73.5	73.4	0.1	65-125	20			
Toluene	98.0	95.7	100.0	98.0	95.7	2.4	70-130	20			
Trichloroethene	96.9	99.2	100.0	96.9	99.2	2.3	74-134	20			
Surrogates(s)											
4-Bromofluorobenzene	469	489	500	93.8	97.8		74-121				
1,2-Dichloroethane-d4	459	459	500	91.8	91.8		70-121				
Toluene-d8	493	499	500	98.6	99.8		81-117				

Severn Trent Laboratories, Inc.

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04/26/2004 16:53

Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

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

Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/04/22-01.09

LCS 2004/04/22-01.09-002

Extracted: 04/22/2004

Analyzed: 04/22/2004 08:23

LCSD 2004/04/22-01.09-003

Extracted: 04/22/2004

Analyzed: 04/22/2004 08:59

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	100	101	100.0	100.0	101.0	1.0	69-129	20		
Chlorobenzene	105	98.8	100.0	105.0	98.8	6.1	61-121	20		
1,1-Dichloroethene	70.4	70.8	100.0	70.4	70.8	0.6	65-125	20		
Toluene	96.8	101	100.0	96.8	101.0	4.2	70-130	20		
Trichloroethene	103	102	100.0	103.0	102.0	1.0	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	479	475	500	95.8	95.0		74-121			
1,2-Dichloroethane-d4	456	466	500	91.2	93.2		70-121			
Toluene-d8	497	491	500	99.4	98.2		81-117			

Severn Trent Laboratories, Inc.

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04/26/2004 16:53

Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

Attn.: Dai Watkins

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

Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5035

Test(s): 8260B

Matrix Spike (MS / MSD)

Soil

QC Batch # 2004/04/22-01.09

MWT-7-20.0 >> MS

Lab ID: 2004-04-0553 - 011

MS: 2004/04/22-01.09-013

Extracted: 04/22/2004

Analyzed: 04/22/2004 14:06

Dilution: 1.00

MSD: 2004/04/22-01.09-014

Extracted: 04/22/2004

Analyzed: 04/22/2004 14:32

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	90.6	91.7	ND	88.8	102.0	100.9	1.1	69-129	20		
Chlorobenzene	91.1	88.5	ND	88.8	102.6	97.4	5.2	61-121	20		
1,1-Dichloroethene	68.2	66.6	ND	88.8	76.8	73.3	4.7	65-125	20		
Toluene	90.6	92.3	ND	88.8	102.0	101.5	0.5	70-130	20		
Trichloroethene	94.9	91.7	ND	88.8	106.9	100.9	5.8	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	473	459		500	94.5	91.9		74-121			
1,2-Dichloroethane-d4	497	484		500	99.5	96.8		70-121			
Toluene-d8	503	496		500	100.6	99.3		81-117			

Severn Trent Laboratories, Inc.

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04/26/2004 16:53

Volatile Organic Compounds by 8260B (Low Level)

San Joaquin Company, Inc.

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

Semi-volatile analysis by GC/MS - EPA8270C

San Joaquin Company, Inc.

Attn.: Dai Watkins

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

Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MWT-1-20.0	04/02/2004 11:55	Soil	7

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94586

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

04/26/2004 16:37

Semi-volatile analysis by GC/MS - EPA8270C

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s):	3550B/8270C	Test(s):	8270C
Sample ID:	MWT-1-20.0	Lab ID:	2004-04-0553 - 7
Sampled:	04/02/2004 11:55	Extracted:	4/19/2004 07:58
Matrix:	Soil	QC Batch#:	2004/04/19-01.11

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
2-Methylphenol	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
4-Methylphenol	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Hexachloroethane	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Nitrobenzene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Isophorone	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Naphthalene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	04/21/2004 17:36	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
2-Methylnaphthalene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	04/21/2004 17:36	

Severn Trent Laboratories, Inc.

04/26/2004 16:37

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

Semi-volatile analysis by GC/MS - EPA8270C

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MWT-1-20.0	Lab ID: 2004-04-0553 - 7
Sampled: 04/02/2004 11:55	Extracted: 4/19/2004 07:58
Matrix: Soil	QC Batch#: 2004/04/19-01.11

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
3-Nitroaniline	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	04/21/2004 17:36	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	04/21/2004 17:36	
Dibenzofuran	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
Fluorene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	04/21/2004 17:36	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	04/21/2004 17:36	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	04/21/2004 17:36	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Anthracene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Pyrene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	04/21/2004 17:36	
Chrysene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	04/21/2004 17:36	

Sewern Trent Laboratories, Inc.

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04/26/2004 16:37

Semi-volatile analysis by GC/MS - EPA8270C

San Joaquin Company, Inc.

Attn.: Dai Watkins

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

Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MWT-1-20.0	Lab ID: 2004-04-0553 - 7
Sampled: 04/02/2004 11:55	Extracted: 4/19/2004 07:58
Matrix: Soil	QC Batch#: 2004/04/19-01.11

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/21/2004 17:36	
Benzoic acid	ND	0.33	mg/Kg	1.00	04/21/2004 17:36	
Surrogate(s)						
Nitrobenzene-d5	74.4	23-120	%	1.00	04/21/2004 17:36	
2-Fluorobiphenyl	74.7	30-115	%	1.00	04/21/2004 17:36	
p-Terphenyl-d14	72.8	18-137	%	1.00	04/21/2004 17:36	
2-Fluorophenol	61.3	25-121	%	1.00	04/21/2004 17:36	
Phenol-d5	69.4	24-113	%	1.00	04/21/2004 17:36	
2,4,6-Tribromophenol	80.5	19-122	%	1.00	04/21/2004 17:36	

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Semi-volatile analysis by GC/MS - EPA8270C

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2004/04/19-01.11

MB: 2004/04/19-01.11-004

Date Extracted: 04/19/2004 07:58

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	04/20/2004 09:16	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	04/20/2004 09:16	
2-Chlorophenol	ND	0.067	mg/Kg	04/20/2004 09:16	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	04/20/2004 09:16	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	04/20/2004 09:16	
Benzyl alcohol	ND	0.17	mg/Kg	04/20/2004 09:16	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	04/20/2004 09:16	
2-Methylphenol	ND	0.067	mg/Kg	04/20/2004 09:16	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	04/20/2004 09:16	
4-Methylphenol	ND	0.067	mg/Kg	04/20/2004 09:16	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	04/20/2004 09:16	
Hexachloroethane	ND	0.067	mg/Kg	04/20/2004 09:16	
Nitrobenzene	ND	0.067	mg/Kg	04/20/2004 09:16	
Isophorone	ND	0.067	mg/Kg	04/20/2004 09:16	
2-Nitrophenol	ND	0.067	mg/Kg	04/20/2004 09:16	
2,4-Dimethylphenol	ND	0.067	mg/Kg	04/20/2004 09:16	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	04/20/2004 09:16	
2,4-Dichlorophenol	ND	0.067	mg/Kg	04/20/2004 09:16	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	04/20/2004 09:16	
Naphthalene	ND	0.067	mg/Kg	04/20/2004 09:16	
4-Chloroaniline	ND	0.330	mg/Kg	04/20/2004 09:16	
Hexachlorobutadiene	ND	0.067	mg/Kg	04/20/2004 09:16	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	04/20/2004 09:16	
2-Methylnaphthalene	ND	0.067	mg/Kg	04/20/2004 09:16	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	04/20/2004 09:16	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	04/20/2004 09:16	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	04/20/2004 09:16	
2-Chloronaphthalene	ND	0.067	mg/Kg	04/20/2004 09:16	
2-Nitroaniline	ND	0.33	mg/Kg	04/20/2004 09:16	
Dimethyl phthalate	ND	0.17	mg/Kg	04/20/2004 09:16	

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04/26/2004 16:37

Semi-volatile analysis by GC/MS - EPA8270C

San Joaquin Company, Inc.

Attn.: Dai Watkins

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

Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2004/04/19-01.11

MB: 2004/04/19-01.11-004

Date Extracted: 04/19/2004 07:58

Compound	Conc.	RL	Unit	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	04/20/2004 09:16	
3-Nitroaniline	ND	0.067	mg/Kg	04/20/2004 09:16	
Acenaphthene	ND	0.067	mg/Kg	04/20/2004 09:16	
2,4-Dinitrophenol	ND	0.33	mg/Kg	04/20/2004 09:16	
4-Nitrophenol	ND	0.33	mg/Kg	04/20/2004 09:16	
Dibenzofuran	ND	0.067	mg/Kg	04/20/2004 09:16	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	04/20/2004 09:16	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	04/20/2004 09:16	
Diethyl phthalate	ND	0.17	mg/Kg	04/20/2004 09:16	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	04/20/2004 09:16	
Fluorene	ND	0.067	mg/Kg	04/20/2004 09:16	
4-Nitroaniline	ND	0.33	mg/Kg	04/20/2004 09:16	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	04/20/2004 09:16	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	04/20/2004 09:16	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	04/20/2004 09:16	
Hexachlorobenzene	ND	0.067	mg/Kg	04/20/2004 09:16	
Pentachlorophenol	ND	0.33	mg/Kg	04/20/2004 09:16	
Phenanthrene	ND	0.067	mg/Kg	04/20/2004 09:16	
Anthracene	ND	0.067	mg/Kg	04/20/2004 09:16	
Di-n-butyl phthalate	ND	0.17	mg/Kg	04/20/2004 09:16	
Fluoranthene	ND	0.067	mg/Kg	04/20/2004 09:16	
Pyrene	ND	0.067	mg/Kg	04/20/2004 09:16	
Butyl benzyl phthalate	ND	0.17	mg/Kg	04/20/2004 09:16	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	04/20/2004 09:16	
Benzo(a)anthracene	ND	0.067	mg/Kg	04/20/2004 09:16	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	04/20/2004 09:16	
Chrysene	ND	0.067	mg/Kg	04/20/2004 09:16	
Di-n-octyl phthalate	ND	0.17	mg/Kg	04/20/2004 09:16	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	04/20/2004 09:16	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	04/20/2004 09:16	
Benzo(a)pyrene	ND	0.067	mg/Kg	04/20/2004 09:16	

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Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2004/04/19-01.11

MB: 2004/04/19-01.11-004

Date Extracted: 04/19/2004 07:58

Compound	Conc.	RL	Unit	Analyzed	Flag
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	04/20/2004 09:16	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	04/20/2004 09:16	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	04/20/2004 09:16	
Benzoic acid	ND	0.33	mg/Kg	04/20/2004 09:16	
Surrogates(s)					
Nitrobenzene-d5	83.1	23-120	%	04/20/2004 09:16	
2-Fluorobiphenyl	78.3	30-115	%	04/20/2004 09:16	
p-Terphenyl-d14	65.6	18-137	%	04/20/2004 09:16	
2-Fluorophenol	69.6	25-121	%	04/20/2004 09:16	
Phenol-d5	78.2	24-113	%	04/20/2004 09:16	
2,4,6-Tribromophenol	78.8	19-122	%	04/20/2004 09:16	

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Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Laboratory Control Spike

Soil

QC Batch # 2004/04/19-01.11

LCS 2004/04/19-01.11-002

Extracted: 04/19/2004

Analyzed: 04/20/2004 09:46

LCSD 2004/04/19-01.11-003

Extracted: 04/19/2004

Analyzed: 04/20/2004 10:15

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Phenol	1.56	1.39	2.00	78.0	69.8	11.1	20-90	35		
2-Chlorophenol	1.48	1.34	2.00	74.0	67.3	9.5	27-123	35		
1,4-Dichlorobenzene	0.740	0.650	0.998	74.1	65.2	12.8	28-104	30		
N-Nitroso-di-n-propylamine	0.780	0.680	0.998	78.2	68.2	13.7	25-114	39		
1,2,4-Trichlorobenzene	0.710	0.610	0.998	71.1	61.2	15.0	38-107	35		
4-Chloro-3-methylphenol	1.47	1.31	2.00	73.5	65.8	11.1	26-103	33		
Acenaphthene	0.750	0.660	0.998	75.2	66.2	12.7	49-102	30		
4-Nitrophenol	1.68	1.56	2.00	84.0	78.4	6.9	17-109	35		
2,4-Dinitrotoluene	0.860	0.770	0.998	86.2	77.2	11.0	39-139	38		
Pentachlorophenol	1.44	1.33	2.00	72.0	66.8	7.5	11-114	35		
Pyrene	0.780	0.720	0.998	78.2	72.2	8.0	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	19.1	17.7	25	76.5	70.8		23-120	0		
2-Fluorobiphenyl	21.4	19.0	25	85.6	75.8		30-115	0		
p-Terphenyl-d14	17.0	15.8	25	67.9	63.0		18-137	0		
2-Fluorophenol	34.6	31.7	50	69.2	63.4		25-121	0		
Phenol-d5	40.7	37.3	50	81.4	74.5		24-113	0		
2,4,6-Tribromophenol	43.8	39.0	50	87.6	78.1		19-122	0		

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Semi-volatile analysis by GC/MS - EPA8270C

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Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

Fuel Oxygenates by 8260B

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Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BE-5-19.5	04/01/2004 08:45	Soil	2
BE-6-20.0	04/01/2004 09:30	Soil	3
BG-1-25.0	04/06/2004	Soil	4
BG-1-30.0	04/06/2004	Soil	5
BG-2-21.0	04/06/2004 10:15	Soil	6
MWT-1-20.0	04/02/2004 11:55	Soil	7
MWT-3-20.0	04/02/2004 14:45	Soil	8
MWT-5-15.0	04/02/2004 08:35	Soil	9
MWT-5-20.0	04/02/2004 08:45	Soil	10
MWT-7-20.0	04/06/2004 15:30	Soil	11
MWT-8-18.0	04/02/2004 09:35	Soil	12
MWT-9-19.5	04/01/2004 14:35	Soil	13
MWT-10-20.0	04/01/2004 13:45	Soil	14
MW6-20.0	04/07/2004 11:45	Soil	15
MW7-20.0	04/01/2004 17:10	Soil	16
MW8-20.0	04/02/2004 08:50	Soil	17

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Fuel Oxygenates by 8260B

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Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B
 Sample ID: BE-5-19.5 Lab ID: 2004-04-0553 - 2
 Sampled: 04/01/2004 08:45 Extracted: 4/29/2004 22:00
 Matrix: Soil QC Batch#: 2004/04/29-01.69
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/29/2004 22:00	
Benzene	ND	5.0	ug/Kg	1.00	04/29/2004 22:00	
Toluene	ND	5.0	ug/Kg	1.00	04/29/2004 22:00	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/29/2004 22:00	
Total xylenes	ND	5.0	ug/Kg	1.00	04/29/2004 22:00	
Surrogate(s)						
1,2-Dichloroethane-d4	85.9	70-121	%	1.00	04/29/2004 22:00	
Toluene-d8	96.5	81-117	%	1.00	04/29/2004 22:00	

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Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B
 Sample ID: BG-1-25.0 Lab ID: 2004-04-0553 - 4
 Sampled: 04/06/2004 Extracted: 4/20/2004 13:16
 Matrix: Soil QC Batch#: 2004/04/20-01.69
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/20/2004 13:16	
Benzene	ND	5.0	ug/Kg	1.00	04/20/2004 13:16	
Toluene	ND	5.0	ug/Kg	1.00	04/20/2004 13:16	
Ethyl benzene	5.1	5.0	ug/Kg	1.00	04/20/2004 13:16	
Total xylenes	23	5.0	ug/Kg	1.00	04/20/2004 13:16	
Surrogate(s)						
1,2-Dichloroethane-d4	90.3	70-121	%	1.00	04/20/2004 13:16	
Toluene-d8	89.7	81-117	%	1.00	04/20/2004 13:16	

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Fuel Oxygenates by 8260B

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B
 Sample ID: BG-1-30.0 Lab ID: 2004-04-0553 - 5
 Sampled: 04/06/2004 Extracted: 4/20/2004 13:34
 Matrix: Soil QC Batch#: 2004/04/20-01.69
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/20/2004 13:34	
Benzene	ND	5.0	ug/Kg	1.00	04/20/2004 13:34	
Toluene	ND	5.0	ug/Kg	1.00	04/20/2004 13:34	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/20/2004 13:34	
Total xylenes	ND	5.0	ug/Kg	1.00	04/20/2004 13:34	
Surrogate(s)						
1,2-Dichloroethane-d4	86.6	70-121	%	1.00	04/20/2004 13:34	
Toluene-d8	90.7	81-117	%	1.00	04/20/2004 13:34	

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Fuel Oxygenates by 8260B

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B
 Sample ID: MWT-1-20.0 Lab ID: 2004-04-0553 - 7
 Sampled: 04/02/2004 11:55 Extracted: 4/26/2004 11:01
 Matrix: Soil QC Batch#: 2004/04/26-01.62
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/26/2004 11:01	
Benzene	ND	5.0	ug/Kg	1.00	04/26/2004 11:01	
Toluene	ND	5.0	ug/Kg	1.00	04/26/2004 11:01	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/26/2004 11:01	
Total xylenes	ND	5.0	ug/Kg	1.00	04/26/2004 11:01	
Surrogate(s)						
1,2-Dichloroethane-d4	102.7	70-121	%	1.00	04/26/2004 11:01	
Toluene-d8	104.5	81-117	%	1.00	04/26/2004 11:01	

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B
 Sample ID: MWT-5-15.0 Lab ID: 2004-04-0553 - 9
 Sampled: 04/02/2004 08:35 Extracted: 4/26/2004 11:46
 Matrix: Soil QC Batch#: 2004/04/26-01.62
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/26/2004 11:46	
Benzene	ND	5.0	ug/Kg	1.00	04/26/2004 11:46	
Toluene	ND	5.0	ug/Kg	1.00	04/26/2004 11:46	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/26/2004 11:46	
Total xylenes	ND	5.0	ug/Kg	1.00	04/26/2004 11:46	
Surrogate(s)						
1,2-Dichloroethane-d4	99.9	70-121	%	1.00	04/26/2004 11:46	
Toluene-d8	95.1	81-117	%	1.00	04/26/2004 11:46	

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 5030B Test(s): 8260B
Sample ID: MWT-5-20.0 Lab ID: 2004-04-0553 - 10
Sampled: 04/02/2004 08:45 Extracted: 4/26/2004 12:08
Matrix: Soil QC Batch#: 2004/04/26-01.62
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/26/2004 12:08	
Benzene	ND	5.0	ug/Kg	1.00	04/26/2004 12:08	
Toluene	ND	5.0	ug/Kg	1.00	04/26/2004 12:08	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/26/2004 12:08	
Total xylenes	ND	5.0	ug/Kg	1.00	04/26/2004 12:08	
Surrogate(s)						
1,2-Dichloroethane-d4	105.6	70-121	%	1.00	04/26/2004 12:08	
Toluene-d8	91.0	81-117	%	1.00	04/26/2004 12:08	

Fuel Oxygenates by 8260B

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Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5030B	Test(s): 8260B
Sample ID: MWT-7-20.0	Lab ID: 2004-04-0553 - 11
Sampled: 04/06/2004 15:30	Extracted: 4/20/2004 14:10
Matrix: Soil	QC Batch#: 2004/04/20-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/20/2004 14:10	
Benzene	ND	5.0	ug/Kg	1.00	04/20/2004 14:10	
Toluene	ND	5.0	ug/Kg	1.00	04/20/2004 14:10	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/20/2004 14:10	
Total xylenes	ND	5.0	ug/Kg	1.00	04/20/2004 14:10	
Surrogate(s)						
1,2-Dichloroethane-d4	85.6	70-121	%	1.00	04/20/2004 14:10	
Toluene-d8	93.3	81-117	%	1.00	04/20/2004 14:10	

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 5030B Test(s): 8260B
 Sample ID: MWT-8-18.0 Lab ID: 2004-04-0553 - 12
 Sampled: 04/02/2004 09:35 Extracted: 4/24/2004 04:46
 Matrix: Soil QC Batch#: 2004/04/23-03.62
 Analysis Flag: HT. (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/24/2004 04:46	
Benzene	ND	5.0	ug/Kg	1.00	04/24/2004 04:46	
Toluene	ND	5.0	ug/Kg	1.00	04/24/2004 04:46	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/24/2004 04:46	
Total xylenes	ND	5.0	ug/Kg	1.00	04/24/2004 04:46	
Surrogate(s)						
1,2-Dichloroethane-d4	101.2	70-121	%	1.00	04/24/2004 04:46	
Toluene-d8	85.3	81-117	%	1.00	04/24/2004 04:46	

Fuel Oxygenates by 8260B

San Joaquin Company, Inc.

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5030B Test(s): 8260B
 Sample ID: **MWT-9-19.5** Lab ID: 2004-04-0553 - 13
 Sampled: 04/01/2004 14:35 Extracted: 4/24/2004 05:08
 Matrix: Soil QC Batch#: 2004/04/23-03.62
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/24/2004 05:08	
Benzene	ND	5.0	ug/Kg	1.00	04/24/2004 05:08	
Toluene	ND	5.0	ug/Kg	1.00	04/24/2004 05:08	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/24/2004 05:08	
Total xylenes	ND	5.0	ug/Kg	1.00	04/24/2004 05:08	
Surrogate(s)						
1,2-Dichloroethane-d4	107.8	70-121	%	1.00	04/24/2004 05:08	
Toluene-d8	92.9	81-117	%	1.00	04/24/2004 05:08	

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04/30/2004 15:34

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW6-20.0	Lab ID:	2004-04-0553 - 15
Sampled:	04/07/2004 11:45	Extracted:	4/20/2004 14:28
Matrix:	Soil	QC Batch#:	2004/04/20-01.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/20/2004 14:28	
Benzene	ND	5.0	ug/Kg	1.00	04/20/2004 14:28	
Toluene	ND	5.0	ug/Kg	1.00	04/20/2004 14:28	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/20/2004 14:28	
Total xylenes	ND	5.0	ug/Kg	1.00	04/20/2004 14:28	
Surrogate(s)						
1,2-Dichloroethane-d4	92.6	70-121	%	1.00	04/20/2004 14:28	
Toluene-d8	94.9	81-117	%	1.00	04/20/2004 14:28	

Severn Trent Laboratories, Inc.

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

04/30/2004 15:34

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: 04/02/2004

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW7-20.0	Lab ID:	2004-04-0553 - 16
Sampled:	04/01/2004 17:10	Extracted:	4/29/2004 22:55
Matrix:	Soil	QC Batch#:	2004/04/29-01.69
Analysis Flag: HT (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/29/2004 22:55	
Benzene	ND	5.0	ug/Kg	1.00	04/29/2004 22:55	
Toluene	ND	5.0	ug/Kg	1.00	04/29/2004 22:55	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/29/2004 22:55	
Total xylenes	ND	5.0	ug/Kg	1.00	04/29/2004 22:55	
Surrogate(s)						
1,2-Dichloroethane-d4	89.2	70-121	%	1.00	04/29/2004 22:55	
Toluene-d8	98.2	81-117	%	1.00	04/29/2004 22:55	

Fuel Oxygenates by 8260B

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW8-20.0	Lab ID: 2004-04-0553 - 17
Sampled: 04/02/2004 08:50	Extracted: 4/29/2004 23:13
Matrix: Soil	QC Batch#: 2004/04/29-01.69
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	04/29/2004 23:13	
Benzene	ND	5.0	ug/Kg	1.00	04/29/2004 23:13	
Toluene	ND	5.0	ug/Kg	1.00	04/29/2004 23:13	
Ethyl benzene	ND	5.0	ug/Kg	1.00	04/29/2004 23:13	
Total xylenes	ND	5.0	ug/Kg	1.00	04/29/2004 23:13	
Surrogate(s)						
1,2-Dichloroethane-d4	94.0	70-121	%	1.00	04/29/2004 23:13	
Toluene-d8	94.3	81-117	%	1.00	04/29/2004 23:13	

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/20-01.69

MB: 2004/04/20-01.69-003

Date Extracted: 04/20/2004 09:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	04/20/2004 09:03	
Benzene	ND	5.0	ug/Kg	04/20/2004 09:03	
Toluene	ND	5.0	ug/Kg	04/20/2004 09:03	
Ethyl benzene	ND	5.0	ug/Kg	04/20/2004 09:03	
Total xylenes	ND	5.0	ug/Kg	04/20/2004 09:03	
Surrogates(s)					
1,2-Dichloroethane-d4	93.2	70-121	%	04/20/2004 09:03	
Toluene-d8	95.7	81-117	%	04/20/2004 09:03	

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Fuel Oxygenates by 8260B

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/23-03.62

MB: 2004/04/23-03.62-023

Date Extracted: 04/23/2004 19:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	04/23/2004 19:23	
Benzene	ND	5.0	ug/Kg	04/23/2004 19:23	
Toluene	ND	5.0	ug/Kg	04/23/2004 19:23	
Ethyl benzene	ND	5.0	ug/Kg	04/23/2004 19:23	
Total xylenes	ND	5.0	ug/Kg	04/23/2004 19:23	
Surrogates(s)					
1,2-Dichloroethane-d4	112.8	70-121	%	04/23/2004 19:23	
Toluene-d8	102.6	81-117	%	04/23/2004 19:23	

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/26-01.62

MB: 2004/04/26-01.62-023

Date Extracted: 04/26/2004 08:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	04/26/2004 08:23	
Benzene	ND	5.0	ug/Kg	04/26/2004 08:23	
Toluene	ND	5.0	ug/Kg	04/26/2004 08:23	
Ethyl benzene	ND	5.0	ug/Kg	04/26/2004 08:23	
Total xylenes	ND	5.0	ug/Kg	04/26/2004 08:23	
Surrogates(s)					
1,2-Dichloroethane-d4	100.3	70-121	%	04/26/2004 08:23	
Toluene-d8	104.0	81-117	%	04/26/2004 08:23	

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2004/04/29-01.69

MB: 2004/04/29-01.69-034

Date Extracted: 04/29/2004 18:34

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	04/29/2004 18:34	
Benzene	ND	5.0	ug/Kg	04/29/2004 18:34	
Toluene	ND	5.0	ug/Kg	04/29/2004 18:34	
Ethyl benzene	ND	5.0	ug/Kg	04/29/2004 18:34	
Total xylenes	ND	5.0	ug/Kg	04/29/2004 18:34	
Surrogates(s)					
1,2-Dichloroethane-d4	92.5	70-121	%	04/29/2004 18:34	
Toluene-d8	101.5	81-117	%	04/29/2004 18:34	

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Fuel Oxygenates by 8260B

San Joaquin Company, Inc.

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/04/20-01.69

LCS 2004/04/20-01.69-027

Extracted: 04/20/2004

Analyzed: 04/20/2004 08:27

LCSD 2004/04/20-01.69-045

Extracted: 04/20/2004

Analyzed: 04/20/2004 08:45

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	51.8	50.7	50.0	103.6	101.4	2.1	69-129	20		
Toluene	48.2	48.3	50.0	96.4	96.6	0.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	421	463	500	84.2	92.6		70-121			
Toluene-d8	471	457	500	94.2	91.4		81-117			

Fuel Oxygenates by 8260B

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/04/23-03.62

LCS 2004/04/23-03.62-039

Extracted: 04/23/2004

Analyzed: 04/23/2004 18:39

LCSD 2004/04/23-03.62-002

Extracted: 04/23/2004

Analyzed: 04/23/2004 19:01

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	50.1	44.7	50.0	100.2	89.4	11.4	69-129	20		
Toluene	50.6	48.0	50.0	101.2	96.0	5.3	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	514	499	500	102.8	99.8		70-121			
Toluene-d8	497	476	500	99.4	95.2		81-117			

Fuel Oxygenates by 8260B

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Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/04/26-01.62

LCS 2004/04/26-01.62-038

Extracted: 04/26/2004

Analyzed: 04/26/2004 07:38

LCSD 2004/04/26-01.62-001

Extracted: 04/26/2004

Analyzed: 04/26/2004 08:01

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	45.1	41.9	50.0	90.2	83.8	7.4	69-129	20		
Toluene	50.5	45.9	50.0	101.0	91.8	9.5	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	491	500	500	98.2	100.0		70-121			
Toluene-d8	498	459	500	99.6	91.8		81-117			

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04/30/2004 15:34

Fuel Oxygenates by 8260B

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2004/04/29-01.69

LCS 2004/04/29-01.69-058

Extracted: 04/29/2004

Analyzed: 04/29/2004 17:58

LCSD 2004/04/29-01.69-007

Extracted: 04/29/2004

Analyzed: 04/29/2004 19:07

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	50.7	52.7	50.0	101.4	105.4	3.9	69-129	20		
Toluene	55.6	55.8	50.0	111.2	111.6	0.4	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	426	403	500	85.2	80.6		70-121			
Toluene-d8	482	491	500	96.4	98.2		81-117			

Severn Trent Laboratories, Inc.

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04/30/2004 15:34

Fuel Oxygenates by 8260B

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

Result Flag

g

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

Severn Trent Laboratories, Inc.

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

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PNA analysis by 8270C

San Joaquin Company, Inc.

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

Received: 04/02/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BG-2-21.0	04/06/2004 10:15	Soil	6
MWT-3-20.0	04/02/2004 14:45	Soil	8
MWT-5-15.0	04/02/2004 08:35	Soil	9
MWT-7-20.0	04/06/2004 15:30	Soil	11
MWT-8-18.0	04/02/2004 09:35	Soil	12
MWT-9-19.5	04/01/2004 14:35	Soil	13
MWT-10-20.0	04/01/2004 13:45	Soil	14

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04/26/2004 16:37

PNA analysis by 8270C

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: 04/02/2004

Prep(s): 3550B/8270C Test(s): 8270C
Sample ID: **BG-2-21.0** Lab ID: 2004-04-0553 - 6
Sampled: 04/06/2004 10:15 Extracted: 4/22/2004 10:04
Matrix: Soil QC Batch#: 2004/04/22-01.11
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Fluorene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Chrysene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/23/2004 13:44	
Surrogate(s)						
Nitrobenzene-d5	89.5	23-120	%	1.00	04/23/2004 13:44	
2-Fluorobiphenyl	92.4	30-115	%	1.00	04/23/2004 13:44	
p-Terphenyl-d14	108.9	18-137	%	1.00	04/23/2004 13:44	

PNA analysis by 8270C

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MWT-3-20.0	Lab ID: 2004-04-0553 - 8
Sampled: 04/02/2004 14:45	Extracted: 4/22/2004 10:04
Matrix: Soil	QC Batch#: 2004/04/22-01.11
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Fluorene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Chrysene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/23/2004 20:02	
Surrogate(s)						
Nitrobenzene-d5	92.0	23-120	%	1.00	04/23/2004 20:02	
2-Fluorobiphenyl	92.4	30-115	%	1.00	04/23/2004 20:02	
p-Terphenyl-d14	83.0	18-137	%	1.00	04/23/2004 20:02	

PNA analysis by 8270C

San Joaquin Company, Inc.

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

Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MWT-5-15.0	Lab ID: 2004-04-0553 - 9
Sampled: 04/02/2004 08:35	Extracted: 4/22/2004 10:04
Matrix: Soil	QC Batch#: 2004/04/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Fluorene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Chrysene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/23/2004 14:13	
Surrogate(s)						
Nitrobenzene-d5	79.0	23-120	%	1.00	04/23/2004 14:13	
2-Fluorobiphenyl	85.6	30-115	%	1.00	04/23/2004 14:13	
p-Terphenyl-d14	96.8	18-137	%	1.00	04/23/2004 14:13	

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: 04/02/2004

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MWT-7-20.0	Lab ID: 2004-04-0553 - 11
Sampled: 04/06/2004 15:30	Extracted: 4/22/2004 10:04
Matrix: Soil	QC Batch#: 2004/04/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Fluorene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Chrysene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/23/2004 16:10	
Surrogate(s)						
Nitrobenzene-d5	73.0	23-120	%	1.00	04/23/2004 16:10	
2-Fluorobiphenyl	72.5	30-115	%	1.00	04/23/2004 16:10	
p-Terphenyl-d14	103.2	18-137	%	1.00	04/23/2004 16:10	

PNA analysis by 8270C

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MWT-8-18.0	Lab ID: 2004-04-0553 - 12
Sampled: 04/02/2004 09:35	Extracted: 4/22/2004 10:04
Matrix: Soil	QC Batch#: 2004/04/22-01.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Fluorene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Chrysene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/23/2004 16:40	
Surrogate(s)						
Nitrobenzene-d5	76.2	23-120	%	1.00	04/23/2004 16:40	
2-Fluorobiphenyl	75.7	30-115	%	1.00	04/23/2004 16:40	
p-Terphenyl-d14	84.4	18-137	%	1.00	04/23/2004 16:40	

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MWT-9-19.5	Lab ID: 2004-04-0553 - 13
Sampled: 04/01/2004 14:35	Extracted: 4/22/2004 10:04
Matrix: Soil	QC Batch#: 2004/04/22-01.11

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Fluorene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Chrysene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/23/2004 17:09	
Surrogate(s)						
Nitrobenzene-d5	83.5	23-120	%	1.00	04/23/2004 17:09	
2-Fluorobiphenyl	85.6	30-115	%	1.00	04/23/2004 17:09	
p-Terphenyl-d14	101.0	18-137	%	1.00	04/23/2004 17:09	

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 3550B/8270C	Test(s): 8270C
Sample ID: MWT-10-20.0	Lab ID: 2004-04-0553 - 14
Sampled: 04/01/2004 13:45	Extracted: 4/22/2004 10:04
Matrix: Soil	QC Batch#: 2004/04/22-01.11

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Acenaphthylene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Acenaphthene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Fluorene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Phenanthrene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Chrysene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	04/23/2004 17:38	
Surrogate(s)						
Nitrobenzene-d5	55.5	23-120	%	1.00	04/23/2004 17:38	
2-Fluorobiphenyl	53.2	30-115	%	1.00	04/23/2004 17:38	
p-Terphenyl-d14	71.3	18-137	%	1.00	04/23/2004 17:38	

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2004/04/22-01.11

MB: 2004/04/22-01.11-001

Date Extracted: 04/22/2004 10:04

Compound	Conc.	RL	Unit	Analyzed	Flag
Naphthalene	ND	0.067	mg/Kg	04/22/2004 18:34	
Acenaphthylene	ND	0.067	mg/Kg	04/22/2004 18:34	
Acenaphthene	ND	0.067	mg/Kg	04/22/2004 18:34	
Fluorene	ND	0.067	mg/Kg	04/22/2004 18:34	
Phenanthrene	ND	0.067	mg/Kg	04/22/2004 18:34	
Anthracene	ND	0.067	mg/Kg	04/22/2004 18:34	
Fluoranthene	ND	0.067	mg/Kg	04/22/2004 18:34	
Pyrene	ND	0.067	mg/Kg	04/22/2004 18:34	
Benzo(a)anthracene	ND	0.067	mg/Kg	04/22/2004 18:34	
Chrysene	ND	0.067	mg/Kg	04/22/2004 18:34	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	04/22/2004 18:34	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	04/22/2004 18:34	
Benzo(a)pyrene	ND	0.067	mg/Kg	04/22/2004 18:34	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	04/22/2004 18:34	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	04/22/2004 18:34	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	04/22/2004 18:34	
Surrogates(s)					
Nitrobenzene-d5	90.7	23-120	%	04/22/2004 18:34	
2-Fluorobiphenyl	94.9	30-115	%	04/22/2004 18:34	
p-Terphenyl-d14	85.4	18-137	%	04/22/2004 18:34	

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PNA analysis by 8270C

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Batch QC Report

Prep(s): 3550B/8270C

Test(s): 8270C

Laboratory Control Spike

Soil

QC Batch # 2004/04/22-01.11

LCS 2004/04/22-01.11-002

Extracted: 04/22/2004

Analyzed: 04/22/2004 19:03

LCSD 2004/04/22-01.11-003

Extracted: 04/22/2004

Analyzed: 04/22/2004 19:33

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Acenaphthene	0.770	0.750	1.000	77.0	75.2	2.4	49-102	30		
Pyrene	0.720	0.730	1.000	72.0	73.2	1.7	25-117	35		
Surrogates(s)										
Nitrobenzene-d5	23.2	22.8	25	92.7	91.2		23-120	0		
2-Fluorobiphenyl	23.3	24.3	25	93.2	97.3		30-115	0		
p-Terphenyl-d14	20.7	20.6	25	82.9	82.4		18-137	0		

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PNA analysis by 8270C

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

Severn Trent Laboratories, Inc.

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04/26/2004 16:37

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: 04/02/2004

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BE-5-19.5	04/01/2004 08:45	Soil	2
BE-6-20.0	04/01/2004 09:30	Soil	3
BG-1-25.0	04/06/2004	Soil	4
BG-1-30.0	04/06/2004	Soil	5
BG-2-21.0	04/06/2004 10:15	Soil	6
MWT-1-20.0	04/02/2004 11:55	Soil	7
MWT-3-20.0	04/02/2004 14:45	Soil	8
MWT-5-15.0	04/02/2004 08:35	Soil	9
MWT-5-20.0	04/02/2004 08:45	Soil	10
MWT-7-20.0	04/06/2004 15:30	Soil	11
MWT-8-18.0	04/02/2004 09:35	Soil	12
MWT-9-19.5	04/01/2004 14:35	Soil	13
MWT-10-20.0	04/01/2004 13:45	Soil	14
MW6-20.0	04/07/2004 11:45	Soil	15
MW7-20.0	04/01/2004 17:10	Soil	16
MW8-20.0	04/02/2004 08:50	Soil	17

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04/26/2004 17:07

Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

Attn.: Dai Watkins

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

Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: BE-6-20.0	Lab ID: 2004-04-0553 - 3
Sampled: 04/01/2004 09:30	Extracted: 4/19/2004 18:04
Matrix: Soil	QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	4.9	1.0	mg/Kg	1.00	04/20/2004 13:46	edr
Mineral spirits <i>Surrogate(s)</i>	ND	10	mg/Kg	1.00	04/20/2004 13:46	
o-Terphenyl	91.9	60-130	%	1.00	04/20/2004 13:46	

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Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: BG-1-30.0	Lab ID: 2004-04-0553 - 5
Sampled: 04/06/2004	Extracted: 4/19/2004 18:04
Matrix: Soil	QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/20/2004 14:47	
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 14:47	
Surrogate(s)						
o-Terphenyl	77.9	60-130	%	1.00	04/20/2004 14:47	

Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: **BG-2-21.0** Lab ID: 2004-04-0553 - 6
Sampled: 04/06/2004 10:15 Extracted: 4/19/2004 18:04
Matrix: Soil QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/20/2004 21:57	
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 21:57	
Surrogate(s)						
o-Terphenyl	86.9	60-130	%	1.00	04/20/2004 21:57	

Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 0004.082
Bay Rock-Oak Walk Emeryville

Received: 04/02/2004

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MWT-1-20.0	Lab ID: 2004-04-0553 - 7
Sampled: 04/02/2004 11:55	Extracted: 4/19/2004 18:04
Matrix: Soil	QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/20/2004 22:28	
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 22:28	
Surrogate(s)						
o-Terphenyl	86.8	60-130	%	1.00	04/20/2004 22:28	

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Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MWT-3-20.0	Lab ID: 2004-04-0553 - 8
Sampled: 04/02/2004 14:45	Extracted: 4/19/2004 18:04
Matrix: Soil	QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/20/2004 16:20	
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 16:20	
<i>Surrogate(s)</i>						
o-Terphenyl	91.9	60-130	%	1.00	04/20/2004 16:20	

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Total Extractable Petroleum Hydrocarbons (TEPH)

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550/8015M Test(s): 8015M
 Sample ID: **MWT-5-15.0** Lab ID: 2004-04-0553 - 9
 Sampled: 04/02/2004 08:35 Extracted: 4/19/2004 18:04
 Matrix: Soil QC Batch#: 2004/04/19-07.10
 Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	7.0	1.0	mg/Kg	1.00	04/20/2004 13:15	upd
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 13:15	
Surrogate(s)						
o-Terphenyl	85.8	60-130	%	1.00	04/20/2004 13:15	

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

04/26/2004 17:07

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MWT-5-20.0	Lab ID: 2004-04-0553 - 10
Sampled: 04/02/2004 08:45	Extracted: 4/19/2004 18:04
Matrix: Soil	QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	7.6	1.0	mg/Kg	1.00	04/20/2004 13:46	upd
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 13:46	
Surrogate(s)						
o-Terphenyl	88.3	60-130	%	1.00	04/20/2004 13:46	

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550/8015M

Test(s): 8015M

Sample ID: MWT-7-20.0

Lab ID: 2004-04-0553 - 11

Sampled: 04/06/2004 15:30

Extracted: 4/19/2004 18:04

Matrix: Soil

QC Batch#: 2004/04/19-07.10

Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/20/2004 14:16	
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 14:16	
Surrogate(s)						
o-Terphenyl	84.9	60-130	%	1.00	04/20/2004 14:16	

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04/26/2004 17:07

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MWT-8-18.0	Lab ID: 2004-04-0553 - 12
Sampled: 04/02/2004 09:35	Extracted: 4/19/2004 18:04
Matrix: Soil	QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/20/2004 14:47	
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 14:47	
Surrogate(s)						
o-Terphenyl	81.4	60-130	%	1.00	04/20/2004 14:47	

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04/26/2004 17:07

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	MWT-9-19.5	Lab ID:	2004-04-0553 - 13
Sampled:	04/01/2004 14:35	Extracted:	4/19/2004 18:04
Matrix:	Soil	QC Batch#:	2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	14	1.0	mg/Kg	1.00	04/20/2004 20:56	ndp
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 20:56	
Surrogate(s)						
o-Terphenyl	91.4	60-130	%	1.00	04/20/2004 20:56	

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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: 04/02/2004

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MWT-10-20.0	Lab ID: 2004-04-0553 - 14
Sampled: 04/01/2004 13:45	Extracted: 4/19/2004 18:04
Matrix: Soil	QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/20/2004 21:27	
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 21:27	
Surrogate(s)						
o-Terphenyl	91.9	60-130	%	1.00	04/20/2004 21:27	

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

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MW6-20.0	Lab ID: 2004-04-0553 - 15
Sampled: 04/07/2004 11:45	Extracted: 4/19/2004 18:04
Matrix: Soil	QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/21/2004 20:00	
Mineral spirits	ND	10	mg/Kg	1.00	04/21/2004 20:00	
Surrogate(s)						
o-Terphenyl	91.1	60-130	%	1.00	04/21/2004 20:00	

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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: 04/02/2004

Prep(s): 3550/8015M Test(s): 8015M
Sample ID: **MW7-20.0** Lab ID: 2004-04-0553 - 16
Sampled: 04/01/2004 17:10 Extracted: 4/19/2004 18:04
Matrix: Soil QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	7.9	1.0	mg/Kg	1.00	04/20/2004 19:24	ndp
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 19:24	
Surrogate(s)						
o-Terphenyl	93.9	60-130	%	1.00	04/20/2004 19:24	

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: 04/02/2004

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: MW8-20.0	Lab ID: 2004-04-0553 - 17
Sampled: 04/02/2004 08:50	Extracted: 4/19/2004 18:04
Matrix: Soil	QC Batch#: 2004/04/19-07.10
Analysis Flag: HT (See Legend and Note Section)	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	04/20/2004 18:54	
Mineral spirits	ND	10	mg/Kg	1.00	04/20/2004 18:54	
Surrogate(s)						
o-Terphenyl	94.4	60-130	%	1.00	04/20/2004 18:54	

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

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Method Blank

Soil

QC Batch # 2004/04/19-07.10

MB: 2004/04/19-07.10-003

Date Extracted: 04/19/2004 18:04

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	04/20/2004 09:52	
Mineral spirits	ND	10	mg/Kg	04/20/2004 09:52	
Surrogates(s) o-Terphenyl	74.2	60-130	%	04/20/2004 09:52	

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04/26/2004 17:07

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

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2004/04/19-07.10

LCS 2004/04/19-07.10-001

Extracted: 04/19/2004

Analyzed: 04/20/2004 08:59

LCSD 2004/04/19-07.10-002

Extracted: 04/19/2004

Analyzed: 04/20/2004 09:26

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD %	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Diesel	32.4	32.1	41.4	78.3	77.2	1.4	60-130	25		
Surrogates(s) o-Terphenyl	16.9	16.2	20.0	84.7	81.2		60-130	0		

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Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

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Project: 0004.082

Received: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Matrix Spike (MS / MSD)

Soil

QC Batch # 2004/04/19-07.10

BG-1-25.0 >> MS

Lab ID: 2004-04-0553 - 004

MS: 2004/04/19-07.10-004

Extracted: 04/19/2004

Analyzed: 04/20/2004 19:55

Dilution: 1.00

MSD: 2004/04/19-07.10-005

Extracted: 04/19/2004

Analyzed: 04/20/2004 20:26

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		mg/Kg	MS	MSD	RPD	Rec.	RPD	MS
Diesel	30.3	37.2	ND	41.6	72.8	90.1	21.2	60-130	25		
<i>Surrogate(s)</i> o-Terphenyl	15.1	17.8		20.0	75.4	88.9		60-130	0		

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04/26/2004 17:07

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Legend and Notes

Analysis Flag

HT

Extracted out of holding time

Result Flag

edr

Hydrocarbon reported is in the early Diesel range, and does not match our Diesel standard

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

upd

The compound(s) reported reflect(s) individual or discrete unidentified peaks detected in the diesel range. The pattern does not match a typical fuel standard.

Hexavalent Chromium

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
BE-1-13.5	04/02/2004 12:20	Soil	1

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

04/23/2004 13:50

Hexavalent Chromium

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: 04/02/2004

Prep(s): 7196A soil	Test(s): 7196A
Sample ID: BE-1-13.5	Lab ID: 2004-04-0553 - 1
Sampled: 04/02/2004 12:20	Extracted: 4/19/2004 17:30
Matrix: Soil	QC Batch#: 2004/04/19-01.31

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chromium (Hexavalent)	ND	0.20	mg/Kg	1.00	04/19/2004 17:45	

Hexavalent Chromium

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: 04/02/2004

Batch QC Report

Prep(s): 7196A soil

Method Blank

MB: 2004/04/19-01.31-001

Soil

Test(s): 7196A

QC Batch # 2004/04/19-01.31

Date Extracted: 04/19/2004 17:30

Compound	Conc.	RL	Unit	Analyzed	Flag
Chromium (Hexavalent)	ND	0.2	mg/Kg	04/19/2004 17:45	

Severn Trent Laboratories, Inc.

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Hexavalent Chromium

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: 04/02/2004

Bay Rock-Oak Walk Emeryville

Batch QC Report

Prep(s): 7196A soil

Test(s): 7196A

Laboratory Control Spike

Soil

QC Batch # 2004/04/19-01.31

LCS 2004/04/19-01.31-002

Extracted: 04/19/2004

Analyzed: 04/19/2004 17:45

LCSD 2004/04/19-01.31-003

Extracted: 04/19/2004

Analyzed: 04/19/2004 17:45

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Chromium (Hexavalent)	0.190	0.190	0.200	95.0	95.0	0.0	80-120	20		

Severn Trent Laboratories, Inc.

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04/23/2004 13:50

Hexavalent Chromium

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: 04/02/2004

Batch QC Report

Prep(s): 7196A soil

Test(s): 7196A

Matrix Spike (MS / MSD)

Soil

QC Batch # 2004/04/19-01.31

BE-1-13.5 >> MS

Lab ID: 2004-04-0553 - 001

MS: 2004/04/19-01.31-004

Extracted: 04/19/2004

Analyzed: 04/19/2004 17:45

Dilution: 1.00

MSD: 2004/04/19-01.31-005

Extracted: 04/19/2004

Analyzed: 04/19/2004 17:45

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Chromium (Hexavalent)	0.180	0.180	ND	0.200	90.0	90.0	0.0	80-120	20		

Severn Trent Laboratories, Inc.

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04/23/2004 13:50

SEVERN
TRENT

STL

2004-04-0553

STL San Francisco
ADD ON/CHANGE
ORDER

182

New Submission No.: _____

Reference No.: 84936

ORIGINAL SUBMISSION INFORMATION

Client Name: San Joaquin Co

Project Mgr.: Dai Watkins

Project Name: Bay-Reek - Oak Wk Emergule

Project No.: 0004.082

PO#: _____

Date Received: 4-2, 4-6, 4-8

Submission No.: 2004-040056, 0057
0096, 0076, 0263

Name of Caller: Dai Watkins

Call Date: 4-19-04

Add on Due Date: 4-23-04
26

Bill To: _____

Attn.: _____

Comments: Watch H2O
Time

ANALYSIS REQUEST

Sample ID	Date	Time	Mat rix	Prov. Spl. #	TPH EPA - <input type="checkbox"/> 8146/821 <input type="checkbox"/> 828/8 <input type="checkbox"/> CAS W/ <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE	Purgeable Aromatics BTEX EPA - <input type="checkbox"/> 821 <input type="checkbox"/> 828/8	TEPH (EPA 8015A) <input type="checkbox"/> Silica Gel <input type="checkbox"/> Methyl <input type="checkbox"/> Methyl <input type="checkbox"/> Chloride	Fuel Test EPA 8232 <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> Hex <input type="checkbox"/> Gaseous <input type="checkbox"/> DCA <input type="checkbox"/> EPA <input type="checkbox"/> Ethanol	Purgeable Halocarbons (AVOCs) EPA 8021 by 828/8	Volatile Organics GC/MS (VOCs) EPA 8260B <input type="checkbox"/> 824	Semivolatiles GC/MS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 828	Oil & Grease <input type="checkbox"/> Petroleum (EPA 1664) <input type="checkbox"/> Total	<input type="checkbox"/> Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> 808 <input type="checkbox"/> PCBs <input type="checkbox"/> EPA 8032 <input type="checkbox"/> 806	PRAs by <input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 8310	CAM 17 Metals (EPA 60107/4707/71)	Metals: <input type="checkbox"/> Lead <input type="checkbox"/> UPT <input type="checkbox"/> RCMA <input type="checkbox"/> Other:	Low Level Metals by EPA 200.8/820 (ICP-MS):	<input type="checkbox"/> WET (STLC) <input type="checkbox"/> TCLP	Hexavalent Chromium pH (24H hold time for H ₂ O)	Spec Cond: <input type="checkbox"/> Alkalinity TSS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄	NUMBER OF CONTAINERS
BE-1-13.5	4/24	12:20	S	026															X			04-0096
BE-5-20.0	4/24	8:45		027	X		X															04-0056
BE-6-20.0	4/24	9:30		028	X		X															04-0056
BG-1-25.0	4/24	NA		014	X		X															04-0176
BG-1-30.0	4/24			015	X		X															04-0176
BG-2-21.0	4/24	11:15		011	X		X															04-0176
MWT-1-20.0	4/24	11:55		028	X		X			X				X								04-0096
MWT-3-20.0	4/24	14:45		027	X		X			X				X								04-0096
MWT-5-15.0	4/24	8:35		026	X		X															04-0057
MWT-1-15.0																						

SEVERN
TRENT

STL 2004-04-0553

STL San Francisco
ADD ON/CHANGE
ORDER

282

New Submission No.: _____

Reference No.: 04936

ORIGINAL SUBMISSION INFORMATION

Client Name: _____

Name of Caller: _____

Bill To: _____

Project Mgr.: _____

Call Date: _____

Attn.: _____

Project Name: _____

Add on Due Date: _____

Comments: _____

Project No.: _____

PO#: _____

Date Received: _____

Submission No.: _____

ANALYSIS REQUEST																								
Sample ID	Date	Time	Mat rix	Prov. Spt. #	TPH EPA - <input type="checkbox"/> 80150271 82603 <input checked="" type="checkbox"/> Gas W/AC BTEX <input type="checkbox"/> MIBTE	Pugentis Aromatics BTEX EPA - <input type="checkbox"/> 8031 <input type="checkbox"/> 5553	TEPH (EPA 8015M) <input type="checkbox"/> Siliac Gel of Diesel <input type="checkbox"/> Motor Oil <input checked="" type="checkbox"/> Other	Full Test EPA 816B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX Oil Free Crude Oil <input type="checkbox"/> DCC, BPS <input type="checkbox"/> Ethers	Fugitive Hydrocarbons (VOCs) EPA 8021 by 82608	Volatile Organics GOMIS (VOCs) <input type="checkbox"/> EPA 8253 <input type="checkbox"/> 8274	Semivolatiles GOMIS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 825	Oil & Grease <input type="checkbox"/> Petroleum (EPA 1564) <input type="checkbox"/> Total	Residuals <input type="checkbox"/> EPA 8081 <input type="checkbox"/> 808 <input type="checkbox"/> PCBs <input type="checkbox"/> EPA 8082 <input type="checkbox"/> 808	PM10 by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	CAA 17 Metals (EPA 801074707471)	Metals: <input type="checkbox"/> Lead <input type="checkbox"/> UFT <input type="checkbox"/> ACRA <input type="checkbox"/> Other:	Low Level Metals by EPA 200 80820 (CPMS)	WLE.T (STLC) TCLP	Hexavalent Chromium pH (24h hold time for H ₂ O)	Spec Cond. <input type="checkbox"/> Alkalinity TSS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄	NUMBER OF CONTAINERS		
MUT-5-20.0	4/20/04	8:45	S	001	X		X															04-0057		
MUT-7-20.0	4/6/04	15:30		018	X		X																04-0176	
MUT-8-20.0	4/20/04	9:35		008	X		X																04-0057	
MUT-9-20.0	4/10/04	14:35		031	X		X																04-0056	
MUT-10-20.0	4/10/04	13:45		033	X		X																04-0056	
MW6-20.0	4/7/04	11:45		014	X		X																04-0263	
MW7-20.0	4/1/04	17:10		029	X		X																04-0058	
MW8-20.0	4/7/04	8:50		012	X		X																04-0263	

See page 1

2004-04-0553

Caparas, Criselda

From: Vancil, Vincent
Sent: Wednesday, April 21, 2004 3:33 PM
To: Caparas, Criselda
Subject: FW: Additional Analyses Required Bay Rock Oak Walk Emeryville

Vincent Vancil
Project Manager

STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566-4756
Phone: (925) 484-1919
Fax: (925) 484-1096

-----Original Message-----

From: Dai Watkins [mailto:daiw@sanjoco.com]
Sent: Wednesday, April 21, 2004 2:19 PM
To: Vancil, Vincent
Cc: Brooke SJC
Subject: Fw: Additional Analyses Required Bay Rock Oak Walk Emeryville

MEMORANDUM

To: STL San Francisco
From: Dai Watkins (The San Joaquin Company Inc.)

Please analyze, as specified below, the previously submitted samples from the project cited above:

Sample BG-1-30.0 Analysis: Volatile Organics (Scan)

Sample BE-2-21.0 Analysis: Volatile Organics (Scan) and PNAs ?

(Sample BG-1-30.0 Analysis: Volatile Organics (Scan)) **DUPLICATE**

Sample BG-2-21.0 Analysis: Volatile Organics (Scan) and PNAs

Sample MWT-3-20.0 Analysis: Volatile Organics (Scan) and PNAs

Sample MWT-5-18.0 Analysis: Volatile Organics (Scan) and PNAs **MWT 5-15.0**

Sample MWT-7-20.0 Analysis: Volatile Organics (Scan) and PNAs

Sample MWT-8-20.0 Analysis: Volatile Organics (Scan) and PNAs

4/21/2004

Sample MWT-9-19.5 Analysis: Volatile Organics (Scan) and PNAs

Sample MWT-10-20.0 Analysis: Volatile Organics (Scan) and PNAs

If you do not have a sample in storage with the exact number listed above please use the sample with the closest depth designation. The depth designation is the third alphanumeric set in the sample ID. e.g. Sample MW-8-20 was sampled at a depth of 20ft. i.e the depth designation is 20.0.

Dai Watkins
The San Joaquin Company Inc.

4/21/2004

SEVERN
TRENT

STL

2004-04-0553

STL San Francisco
ADD ON/CHANGE
ORDER

182

New Submission No.: _____

Reference No.: 84936

ORIGINAL SUBMISSION INFORMATION

Client Name: San Joaquin Ca

Name of Caller: Dai Watkins

Bill To: _____

Project Mgr.: Dai Watkins

Call Date: 4-19-04

Attn.: _____

Project Name: Bay-Rock - Oak Wk Emerulke

Add on Due Date: 4-23-04
₂₆

Comments: Watch Hold
Time

Project No.: 0004.082

PO#: _____

Date Received: 4-2, 4-6, 4-8

Submission No.: 0096, 00176, 0263

ANALYSIS REQUEST

Sample ID	Date	Time	Mat rix	Prev. Spl. #	TPH EPA - <input type="checkbox"/> 8015/8021 <input checked="" type="checkbox"/> 8260B <input checked="" 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 checked="" type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input checked="" type="checkbox"/> Other <input type="checkbox"/> 411	Fuel Tests EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> Free Oxygenates <input type="checkbox"/> DCA <input type="checkbox"/> ED6 <input type="checkbox"/> Ethanol	Purgeable Halocarbons (HVOCs) EPA 8021 by 8260B	Volatile Organics GC/MS (VOCs) EPA 8260B <input type="checkbox"/> 624	Semivolatiles GC/MS <input type="checkbox"/> EPA 8270 <input type="checkbox"/> 625	Oil & Grease (EPA 1664) <input type="checkbox"/> Petroleum <input type="checkbox"/> Total	Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> 808 <input type="checkbox"/> PCBs <input type="checkbox"/> EPA 8082 <input type="checkbox"/> 808	PNAs by <input checked="" type="checkbox"/> 8270 <input type="checkbox"/> 8310	CAM 17 Metals (EPA 6010/7470/7471)	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 ₂ O)	Spec Cond. <input type="checkbox"/> Alkalinity TSS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄	NUMBER OF CONTAINERS		
BE-1-13.5	4/2/04	12:20	S	026																			04-0096	
BE-5-20.0	4/2/04	8:45		027	X		X																	04-0056
BE-6-20.0	4-1-04	9:30		028	X		X																	04-0056
BG-1-25.0	4/6/04	NA		014	X		X																	04-0176
BG-1-30.0	f	f		015	X		X																	04-0176
BG-2-20.0	4/6/04	10:15		011	X		X																	04-0176
MUT-1-20.0	4/2/04	11:55		028	X		X			X				X										04-0096
MUT-3-20.0	4/2/04	14:45		027	X		X			X				X										04-0096
MUT-5-15.0	4/2/04	8:35		026	X		X																	04-0057
MUT-18																								

STL San Francisco
ADD ON/CHANGE
ORDER

282

New Submission No.: _____

Reference No.: 84936

ORIGINAL SUBMISSION INFORMATION

Client Name: _____
Project Mgr.: _____
Project Name: _____
Project No.: _____
PO#: _____
Date Received: _____
Submission No.: _____

See page 1

Name of Caller: _____
Call Date: _____
Add on Due Date: _____

Bill To: _____
Attn.: _____
Comments: _____

ANALYSIS REQUEST

Sample ID	Date	Time	Mat rix	Prev. Spl. #	TPH EPA - <input type="checkbox"/> 80150/027 <input checked="" type="checkbox"/> 8260B <input checked="" 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 checked="" type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other <input type="checkbox"/> <i>SP26</i>	Fuel Tests EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> Five Oxygenates <input type="checkbox"/> DCA, EDB <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	PNAS by <input type="checkbox"/> 8270 <input type="checkbox"/> 8310	CAM 17 Metals (EPA 6010/7470/7471)	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 ₂ O)	Spec Cond. <input type="checkbox"/> Alkalinity TSS <input type="checkbox"/> TDS	Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO ₄ <input type="checkbox"/> NO ₃ <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO ₂ <input type="checkbox"/> PO ₄	NUMBER OF CONTAINERS		
MUT-5-20.0	4-20-04	8:45	S	006 007	X		X															04-0057		
MUT-7-20.0	4-6-04	15:30		018	X		X																04-0176	
MUT-8-20.0	4-20-04	9:35		008	X		X																04-0057	
MUT-9-20.0	4-1-04	14:35		031	X		X																04-0056	
MUT-10-20.0	4-1-04	13:45		033	X		X																04-0056	
MW6-20.0	4-20-04	11:45		014	X		X																04-0263	
MW7-20.0	4-1-04	17:10		029	X		X																04-0057B	
MW8-20.0	4-20-04	8:50		012	X		X																04-0263	