

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

## ENVIRONMENTAL SITE CHARACTERIZATION

Oak Walk Redevelopment Site  
Emeryville, California

*for*



VOLUME 2 of 6  
Appendix III-A

April 2005

Project No.: 0004.083

APPENDIX III-A

LABORATORY CERTIFICATES OF ANALYSIS  
SOIL AND GROUNDWATER FROM EXPLORATORY TRENCHES

San Joaquin Company, Inc.

December 15, 2003

33233 S. Koster Road  
Tracy, CA 95304-9142

Attn.: Bernie Dietz

Project#: 0004.081

Project: Bay Rock Emeryville Corners

Dear Bernie,

Attached is our report for your samples received on 12/04/2003 16:55

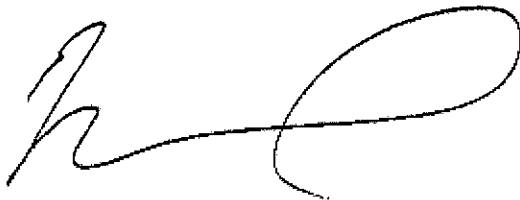
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 01/18/2004 unless you have requested otherwise.

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

You can also contact me via email. My email address is: [vvancil@stl-inc.com](mailto:vvancil@stl-inc.com)

Sincerely,



Vincent Vancil  
Project Manager

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
T5-9.0	12/02/2003 11:40	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

12/12/2003 15:46

Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	T5-9.0	Lab ID:	2003-12-0190 - 9
Sampled:	12/02/2003 11:40	Extracted:	12/8/2003 10:15
Matrix:	Soil	QC Batch#:	2003/12/08-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	70	1.0	mg/Kg	1.00	12/11/2003 11:44	ndp
Stoddard solvent	ND	1.0	mg/Kg	1.00	12/11/2003 11:44	
Mineral spirits	ND	10	mg/Kg	1.00	12/11/2003 11:44	
<b>Surrogate(s)</b>						
o-Terphenyl	82.7	60-130	%	1.00	12/11/2003 11:44	

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

12/12/2003 15:46

**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

Method: Blank

Soil

QC Batch # 2003/12/08-01.10

MB: 2003/12/08-01.10-001

Date Extracted: 12/08/2003 10:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	12/08/2003 16:26	
Stoddard solvent	ND	1	mg/Kg	12/08/2003 16:26	
Mineral spirits	ND	10	mg/Kg	12/08/2003 16:26	
<b>Surrogates(s)</b>					
o-Terphenyl	80.0	60-130	%	12/08/2003 16:26	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/12/08-01.10**

LCS 2003/12/08-01.10-002

Extracted: 12/08/2003

Analyzed: 12/08/2003 16:00

LCSD 2003/12/08-01.10-003

Extracted: 12/08/2003

Analyzed: 12/08/2003 15:35

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	35.4	35.3	41.5	85.3	84.9	0.5	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	18.4	17.7	20.0	91.9	88.5		60-130	0		

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12/12/2003 15:46

**Total Extractable Petroleum Hydrocarbons (TEPH)**

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Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

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**Legend and Notes**

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**Result Flag**

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard



Gas/BTEX Compounds (High Level)

San Joaquin Company, Inc.

Attn.: Bernie Dietz

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Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
T5-9.0	12/02/2003 11:40	Soil	9

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	5030	Test(s):	8015M
Sample ID:	T5-9.0	Lab ID:	2003-12-0190 - 9
Sampled:	12/02/2003 11:40	Extracted:	12/12/2003 12:55
Matrix:	Soil	QC Batch#:	2003/12/12-05.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	400	50	mg/Kg	5.00	12/12/2003 12:55	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene-FID	NA	58-124	%	1.00	12/12/2003 12:55	sd

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.  
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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5030  
Method Blank  
MB: 2003/12/12-05.01-001

Soil

Test(s): 8015M  
QC Batch # 2003/12/12-05.01  
Date Extracted: 12/12/2003 10:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	10	mg/Kg	12/12/2003 10:49	
<i>Surrogates(s)</i>					
4-Bromofluorobenzene-FID	114.8	58-124	%	12/12/2003 10:49	

**Gas/BTEX Compounds (High Level)**

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Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/12/12-05.01**

LCS 2003/12/12-05.01-002

Extracted: 12/12/2003

Analyzed: 12/12/2003 12:28

LCSD 2003/12/12-05.01-003

Extracted: 12/12/2003

Analyzed: 12/12/2003 11:42

Compound	Conc. mg/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	0.631	0.679	0.625	101.0	108.6	7.3	75-125	35		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene-FID	526	523	500	105.2	104.6		58-124	0		

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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

12/12/2003 15:59

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

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33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

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**Legend and Notes**

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**Result Flag**

sd

Surrogate recovery not reportable due to required dilution.

**Diesel**

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: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
T1-7.0	12/04/2003	Soil	1
T1-8.5	12/03/2003 10:02	Soil	2
T2-6.5	12/03/2003 16:45	Soil	3
T2-8.5	12/03/2003 16:50	Soil	4
T3-8.0	12/03/2003 14:15	Soil	5
T3-9.5	12/03/2003 14:20	Soil	6
T4-10.5	12/03/2003 11:30	Soil	8
T6-8.5	12/02/2003 14:30	Soil	10
T7-9.0	12/02/2003 16:40	Soil	11
T7-W	12/02/2003 16:30	Water	12
T8-8.5	12/02/2003 13:15	Soil	13

**Diesel**

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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: T1-7.0	Lab ID: 2003-12-0190 - 1
Sampled: 12/04/2003	Extracted: 12/16/2003 12:32
Matrix: Soil	QC Batch#: 2003/12/16-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	70	1.0	mg/Kg	1.00	12/17/2003 07:16	ndp
<b>Surrogate(s)</b> o-Terphenyl	83.2	60-130	%	1.00	12/17/2003 07:16	

**Diesel**

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Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: T1-8.5	Lab ID: 2003-12-0190 - 2
Sampled: 12/03/2003 10:02	Extracted: 12/15/2003 15:52
Matrix: Soil	QC Batch#: 2003/12/15-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	90	1.0	mg/Kg	1.00	12/16/2003 07:34	ndp
<i>Surrogate(s)</i> o-Terphenyl	77.5	60-130	%	1.00	12/16/2003 07:34	



**Diesel**

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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: T2-6.5	Lab ID: 2003-12-0190 - 3
Sampled: 12/03/2003 16:45	Extracted: 12/15/2003 15:52
Matrix: Soil	QC Batch#: 2003/12/15-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	12/16/2003 08:00	
<i>Surrogate(s)</i> o-Terphenyl	75.9	60-130	%	1.00	12/16/2003 08:00	

**Diesel**

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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: T2-8.5	Lab ID: 2003-12-0190 - 4
Sampled: 12/03/2003 16:50	Extracted: 12/15/2003 15:52
Matrix: Soil	QC Batch#: 2003/12/15-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1.5	1.0	mg/Kg	1.00	12/16/2003 08:27	ndp
<i>Surrogate(s)</i> o-Terphenyl	71.6	60-130	%	1.00	12/16/2003 08:27	

Diesel

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: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	T3-8.0	Lab ID:	2003-12-0190 - 5
Sampled:	12/03/2003 14:15	Extracted:	12/15/2003 15:52
Matrix:	Soil	QC Batch#:	2003/12/15-06.10
Analysis Flag: r ( See Legend and Note Section )			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	4.3	1.0	mg/Kg	1.00	12/16/2003 08:53	ndp
<i>Surrogate(s)</i>						
o-Terphenyl	77.7	60-130	%	1.00	12/16/2003 08:53	

**Diesel**

San Joaquin Company, Inc.

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Oakland, CA 94602-1459

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

Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	T3-9.5	Lab ID:	2003-12-0190 - 6
Sampled:	12/03/2003 14:20	Extracted:	12/15/2003 15:52
Matrix:	Soil	QC Batch#:	2003/12/15-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	12/16/2003 09:19	
<i>Surrogate(s)</i> o-Terphenyl	80.9	60-130	%	1.00	12/16/2003 09:19	

**Diesel**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Oakland, CA 94602-1459

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

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	T4-10.5	Lab ID:	2003-12-0190 - 8
Sampled:	12/03/2003 11:30	Extracted:	12/15/2003 15:52
Matrix:	Soil	QC Batch#:	2003/12/15-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	12/16/2003 09:45	
<i>Surrogate(s)</i>						
o-Terphenyl	80.0	60-130	%	1.00	12/16/2003 09:45	

**Diesel**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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

Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 3550/8015M                      Test(s): 8015M  
 Sample ID: T6-8.5                        Lab ID: 2003-12-0190 - 10  
 Sampled: 12/02/2003 14:30              Extracted: 12/15/2003 15:52  
 Matrix: Soil                                QC Batch#: 2003/12/15-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	70	1.0	mg/Kg	1.00	12/16/2003 10:11	ndp
<b>Surrogate(s)</b>						
o-Terphenyl	82.2	60-130	%	1.00	12/16/2003 10:11	

Diesel

San Joaquin Company, Inc.

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Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: T7-9.0	Lab ID: 2003-12-0190 - 11
Sampled: 12/02/2003 16:40	Extracted: 12/15/2003 15:52
Matrix: Soil	QC Batch#: 2003/12/15-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	1.0	mg/Kg	1.00	12/16/2003 10:38	
<i>Surrogate(s)</i>						
o-Terphenyl	79.7	60-130	%	1.00	12/16/2003 10:38	

**Diesel**

San Joaquin Company, Inc.

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Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 3510/8015M	Test(s): 8015M
Sample ID: T7-W	Lab ID: 2003-12-0190 - 12
Sampled: 12/02/2003 16:30	Extracted: 12/15/2003 06:02
Matrix: Water	QC Batch#: 2003/12/15-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	12/16/2003 11:04	
<i>Surrogate(s)</i> o-Terphenyl	76.2	60-130	%	1.00	12/16/2003 11:04	



**Diesel**

San Joaquin Company, Inc.

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

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 3550/8015M	Test(s): 8015M
Sample ID: T8-8.5	Lab ID: 2003-12-0190 - 13
Sampled: 12/02/2003 13:15	Extracted: 12/15/2003 15:52
Matrix: Soil	QC Batch#: 2003/12/15-06.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	150	1.0	mg/Kg	1.00	12/16/2003 11:30	ndp
<b>Surrogate(s)</b> o-Terphenyl	81.3	60-130	%	1.00	12/16/2003 11:30	

**Diesel**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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

Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3510/8015M

Test(s): 8015M

Method Blank

Water

QC Batch # 2003/12/15-02.10

MB: 2003/12/15-02.10-001

Date Extracted: 12/15/2003 06:02

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	12/15/2003 13:22	
<b>Surrogates(s)</b> o-Terphenyl	84.5	60-130	%	12/15/2003 13:22	

**Diesel**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

Method Blank

Soil

QC Batch # 2003/12/16-04.10

MB: 2003/12/16-04.10-001

Date Extracted: 12/16/2003 12:32

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	12/17/2003 09:02	
<b>Surrogates(s)</b> o-Terphenyl	82.2	60-130	%	12/17/2003 09:02	

Severn Trent Laboratories, Inc.

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

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

12/18/2003 13:44

**Diesel**

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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike

Water

QC Batch # 2003/12/15-02.10

LCS 2003/12/15-02.10-002

Extracted: 12/15/2003

Analyzed: 12/15/2003 13:48

LCSD 2003/12/15-02.10-003

Extracted: 12/15/2003

Analyzed: 12/15/2003 14:15

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	790	820	1000	79.0	82.0	3.7	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	15.5	16.6	20.0	77.7	82.9		60-130	0		

**Diesel**

San Joaquin Company, Inc.

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Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike

Soil

QC Batch # 2003/12/15-06.10

LCS 2003/12/15-06.10-002

Extracted: 12/15/2003

Analyzed: 12/16/2003 08:24

LCSD 2003/12/15-06.10-003

Extracted: 12/15/2003

Analyzed: 12/16/2003 08:55

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	35.6	43.9	41.6	85.6	105.5	20.8	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	16.9	18.9	20.0	84.4	94.5		60-130	0		

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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

12/18/2003 13:44

**Diesel**

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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/12/16-04.10**

LCS 2003/12/16-04.10-002

Extracted: 12/16/2003

Analyzed: 12/17/2003 09:33

LCSD 2003/12/16-04.10-003

Extracted: 12/16/2003

Analyzed: 12/17/2003 10:03

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	34.0	33.6	41.7	81.5	81.2	0.4	60-130	25		
<b>Surrogates(s)</b> o-Terphenyl	17.1	17.1	20.0	85.4	85.3		60-130	0		

**Diesel**

San Joaquin Company, Inc.

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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550/8015M Test(s): 8015M

**Matrix Spike ( MS / MSD )** **Soil** **QC Batch # 2003/12/15-06.10**

T1-8.5 >> MS Lab ID: 2003-12-0190 - 002

MS: 2003/12/15-06.10-004 Extracted: 12/15/2003 Analyzed: 12/16/2003 09:09

Dilution: 1.00

MSD: 2003/12/15-06.10-005 Extracted: 12/15/2003 Analyzed: 12/16/2003 09:34

Dilution: 1.00

Compound	Conc. mg/Kg			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Diesel	98.7	80.9	89.9	41.4	21.3	-21.7	-215	60-130	25	mso	mso,rpd
<b>Surrogate(s)</b> o-Terphenyl	17.7	16.6		20.0	88.4	83.0		60-130	0		

**Diesel**

San Joaquin Company, Inc.

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Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

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**Legend and Notes**

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**Analysis Flag**

rl

Reporting limits raised due to reduced sample size.

**Result Flag**

mso

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

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

rpd

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



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

San Joaquin Company, Inc.

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Oakland, CA 94602-1459

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Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
T1-7.0	12/04/2003	Soil	1
T1-8.5	12/03/2003 10:02	Soil	2
T2-8.5	12/03/2003 16:50	Soil	4
T6-8.5	12/02/2003 14:30	Soil	10
T8-8.5	12/02/2003 13:15	Soil	13

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

12/22/2003 16:37

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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5030B Test(s): 8260B  
Sample ID: T1-7.0 Lab ID: 2003-12-0190 - 1  
Sampled: 12/04/2003 Extracted: 12/16/2003 12:00  
Matrix: Soil QC Batch#: 2003/12/16-03.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	530000	50000	ug/Kg	1.00	12/16/2003 20:27	g
Benzene	ND	500	ug/Kg	1.00	12/16/2003 20:27	
Toluene	ND	500	ug/Kg	1.00	12/16/2003 20:27	
Ethyl benzene	8300	500	ug/Kg	1.00	12/16/2003 20:27	
Total xylenes	4700	500	ug/Kg	1.00	12/16/2003 20:27	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	88.1	70-121	%	1.00	12/16/2003 20:27	
Toluene-d8	104.1	81-117	%	1.00	12/16/2003 20:27	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

San Joaquin Company, Inc.

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Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5030B Test(s): 8260B  
 Sample ID: T1-8.5 Lab ID: 2003-12-0190 - 2  
 Sampled: 12/03/2003 10:02 Extracted: 12/16/2003 12:00  
 Matrix: Soil QC Batch#: 2003/12/16-03.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1400000	50000	ug/Kg	1.00	12/16/2003 20:24	g
Benzene	ND	500	ug/Kg	1.00	12/16/2003 20:24	
Toluene	ND	500	ug/Kg	1.00	12/16/2003 20:24	
Ethyl benzene	10000	500	ug/Kg	1.00	12/16/2003 20:24	
Total xylenes	1900	500	ug/Kg	1.00	12/16/2003 20:24	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	88.3	70-121	%	1.00	12/16/2003 20:24	
Toluene-d8	94.8	81-117	%	1.00	12/16/2003 20:24	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	5030B	Test(s):	8260B
Sample ID:	T2-8.5	Lab ID:	2003-12-0190 - 4
Sampled:	12/03/2003 16:50	Extracted:	12/17/2003 15:26
Matrix:	Soil	QC Batch#:	2003/12/16-03.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	300000	50000	ug/Kg	1.00	12/17/2003 15:26	
Benzene	1100	500	ug/Kg	1.00	12/17/2003 15:26	
Toluene	3100	500	ug/Kg	1.00	12/17/2003 15:26	
Ethyl benzene	6400	500	ug/Kg	1.00	12/17/2003 15:26	
Total xylenes	27000	500	ug/Kg	1.00	12/17/2003 15:26	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	80.7	70-121	%	1.00	12/17/2003 15:26	
Toluene-d8	93.8	81-117	%	1.00	12/17/2003 15:26	

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

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Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s):	5030B	Test(s):	8260B
Sample ID:	T6-8.5	Lab ID:	2003-12-0190 - 10
Sampled:	12/02/2003 14:30	Extracted:	12/16/2003 12:00
Matrix:	Soil	QC Batch#:	2003/12/16-03.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3000000	250000	ug/Kg	5.00	12/16/2003 20:08	g
Benzene	ND	2500	ug/Kg	5.00	12/16/2003 20:08	
Toluene	ND	2500	ug/Kg	5.00	12/16/2003 20:08	
Ethyl benzene	ND	2500	ug/Kg	5.00	12/16/2003 20:08	
Total xylenes	ND	2500	ug/Kg	5.00	12/16/2003 20:08	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	NA	70-121	%	5.00	12/16/2003 20:08	sd
Toluene-d8	NA	81-117	%	5.00	12/16/2003 20:08	sd

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

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Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s): 5030B	Test(s): 8260B
Sample ID: T8-8.5	Lab ID: 2003-12-0190 - 13
Sampled: 12/02/2003 13:15	Extracted: 12/16/2003 12:00
Matrix: Soil	QC Batch#: 2003/12/16-03.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	820000	50000	ug/Kg	1.00	12/16/2003 15:03	g
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	105.5	70-121	%	1.00	12/16/2003 15:03	
Toluene-d8	92.0	81-117	%	1.00	12/16/2003 15:03	

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

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

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2003/12/16-03.66

MB: 2003/12/16-03.66-015

Date Extracted: 12/16/2003 14:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50000	ug/Kg	12/16/2003 14:15	
Benzene	ND	500	ug/Kg	12/16/2003 14:15	
Toluene	ND	500	ug/Kg	12/16/2003 14:15	
Ethyl benzene	ND	500	ug/Kg	12/16/2003 14:15	
Total xylenes	ND	500	ug/Kg	12/16/2003 14:15	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	107.6	70-121	%	12/16/2003 14:15	
Toluene-d8	100.8	81-117	%	12/16/2003 14:15	

Gas/BTEXFuel Oxygenates by 8260B (High Level)

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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2003/12/16-03.66

LCS 2003/12/16-03.66-028

Extracted: 12/16/2003

Analyzed: 12/16/2003 13:28

LCSD 2003/12/16-03.66-052

Extracted: 12/16/2003

Analyzed: 12/16/2003 13:52

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	9280	8910	10000	92.8	89.1	4.1	69-129	20		
Toluene	9610	8980	10000	96.1	89.8	6.8	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	271	264	250	108.4	105.6		70-121			
Toluene-d8	276	250	250	110.4	100.0		81-117			

Severn Trent Laboratories, Inc.

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12/22/2003 16:37



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

San Joaquin Company, Inc.

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Oakland, CA 94602-1459

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Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

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**Legend and Notes**

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**Result Flag**

- g Hydrocarbon reported in the gasoline range does not match our gasoline standard.
- sd Surrogate recovery not reportable due to required dilution.

Severn Trent Laboratories, Inc.

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12/22/2003 16:37

**Fuel Oxygenates by 8260B**

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Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
T2-6.5	12/03/2003 16:45	Soil	3
T3-8.0	12/03/2003 14:15	Soil	5
T3-9.5	12/03/2003 14:20	Soil	6
T3-W	12/03/2003 15:00	Water	7
T4-10.5	12/03/2003 11:30	Soil	8
T7-9.0	12/02/2003 16:40	Soil	11
T7-W	12/02/2003 16:30	Water	12

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12/22/2003 16:37

**Fuel Oxygenates by 8260B**

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Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s): 5030B Test(s): 8260B  
 Sample ID: T2-6.5 Lab ID: 2003-12-0190 - 3  
 Sampled: 12/03/2003 16:45 Extracted: 12/16/2003 10:52  
 Matrix: Soil QC Batch#: 2003/12/16-1A.69  
 Analysis Flag: o ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3800	2300	ug/Kg	2.33	12/16/2003 10:52	g
Benzene	26	12	ug/Kg	2.33	12/16/2003 10:52	
Toluene	ND	12	ug/Kg	2.33	12/16/2003 10:52	
Ethyl benzene	24	12	ug/Kg	2.33	12/16/2003 10:52	
Total xylenes	ND	12	ug/Kg	2.33	12/16/2003 10:52	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	81.1	70-121	%	2.33	12/16/2003 10:52	
Toluene-d8	92.5	81-117	%	2.33	12/16/2003 10:52	

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

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Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s): 5030B Test(s): 8260B  
 Sample ID: T3-8.0 Lab ID: 2003-12-0190 - 5  
 Sampled: 12/03/2003 14:15 Extracted: 12/16/2003 11:11  
 Matrix: Soil QC Batch#: 2003/12/16-1A.69  
 Analysis Flag: o ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	6400	4300	ug/Kg	4.35	12/16/2003 11:11	g
Benzene	ND	22	ug/Kg	4.35	12/16/2003 11:11	
Toluene	ND	22	ug/Kg	4.35	12/16/2003 11:11	
Ethyl benzene	ND	22	ug/Kg	4.35	12/16/2003 11:11	
Total xylenes	ND	22	ug/Kg	4.35	12/16/2003 11:11	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	82.5	70-121	%	4.35	12/16/2003 11:11	
Toluene-d8	97.4	81-117	%	4.35	12/16/2003 11:11	

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

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

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5030B                      Test(s): 8260B  
Sample ID: T3-9.5                      Lab ID: 2003-12-0190 - 6  
Sampled: 12/03/2003 14:20                      Extracted: 12/15/2003 23:28  
Matrix: Soil                      QC Batch#: 2003/12/15-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	12/15/2003 23:28	
Benzene	ND	5.0	ug/Kg	1.00	12/15/2003 23:28	
Toluene	ND	5.0	ug/Kg	1.00	12/15/2003 23:28	
Ethyl benzene	ND	5.0	ug/Kg	1.00	12/15/2003 23:28	
Total xylenes	ND	5.0	ug/Kg	1.00	12/15/2003 23:28	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	82.9	70-121	%	1.00	12/15/2003 23:28	
Toluene-d8	90.7	81-117	%	1.00	12/15/2003 23:28	

Fuel Oxygenates by 8260B

San Joaquin Company, Inc.

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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5030B Test(s): 8260B  
Sample ID: T3-W Lab ID: 2003-12-0190 - 7  
Sampled: 12/03/2003 15:00 Extracted: 12/16/2003 02:52  
Matrix: Water QC Batch#: 2003/12/15-02.64  
Analysis Flag: o ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	6300	1000	ug/L	20.00	12/16/2003 02:52	g
<i>Surrogate(s)</i>						
1,2-Dichloroethane-d4	102.2	76-114	%	20.00	12/16/2003 02:52	
Toluene-d8	96.0	88-110	%	20.00	12/16/2003 02:52	

**Fuel Oxygenates by 8260B**

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Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	5030B	Test(s):	8260B
Sample ID:	T4-10.5	Lab ID:	2003-12-0190 - 8
Sampled:	12/03/2003 11:30	Extracted:	12/15/2003 23:47
Matrix:	Soil	QC Batch#:	2003/12/15-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	12/15/2003 23:47	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	88.3	70-121	%	1.00	12/15/2003 23:47	
Toluene-d8	97.2	81-117	%	1.00	12/15/2003 23:47	

Fuel Oxygenates by 8260B

San Joaquin Company, Inc.

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Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s): 5030B Test(s): 8260B  
 Sample ID: T7-9.0 Lab ID: 2003-12-0190 - 11  
 Sampled: 12/02/2003 16:40 Extracted: 12/16/2003 00:05  
 Matrix: Soil QC Batch#: 2003/12/15-02.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	1.00	12/16/2003 00:05	
Benzene	ND	5.0	ug/Kg	1.00	12/16/2003 00:05	
Toluene	ND	5.0	ug/Kg	1.00	12/16/2003 00:05	
Ethyl benzene	ND	5.0	ug/Kg	1.00	12/16/2003 00:05	
Total xylenes	ND	5.0	ug/Kg	1.00	12/16/2003 00:05	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	94.4	70-121	%	1.00	12/16/2003 00:05	
Toluene-d8	94.7	81-117	%	1.00	12/16/2003 00:05	



**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5030B	Test(s): 8260B
Sample ID: T7-W	Lab ID: 2003-12-0190 - 12
Sampled: 12/02/2003 16:30	Extracted: 12/16/2003 19:49
Matrix: Water	QC Batch#: 2003/12/16-2A.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	12/16/2003 19:49	
<b>Surrogate(s)</b>						
1,2-Dichloroethane-d4	88.3	76-114	%	1.00	12/16/2003 19:49	
Toluene-d8	95.6	88-110	%	1.00	12/16/2003 19:49	

**Fuel Oxygenates by 8260B**

San Joaquin Company, Inc.

Attn.: Dai Watkins

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Oakland, CA 94602-1459

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

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2003/12/15-02.64

MB: 2003/12/15-02.64-039

Date Extracted: 12/15/2003 18:39

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	12/15/2003 18:39	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/15/2003 18:39	
Benzene	ND	0.5	ug/L	12/15/2003 18:39	
Toluene	ND	0.5	ug/L	12/15/2003 18:39	
Ethylbenzene	ND	0.5	ug/L	12/15/2003 18:39	
Total xylenes	ND	1.0	ug/L	12/15/2003 18:39	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	93.8	76-114	%	12/15/2003 18:39	
Toluene-d8	92.8	88-110	%	12/15/2003 18:39	

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

12/22/2003 16:37

**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: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Method: Blank

Soil

QC Batch # 2003/12/15-02.69

MB: 2003/12/15-02.69-052

Date Extracted: 12/15/2003 18:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	12/15/2003 18:51	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	12/15/2003 18:51	
Benzene	ND	5.0	ug/Kg	12/15/2003 18:51	
Toluene	ND	5.0	ug/Kg	12/15/2003 18:51	
Ethyl benzene	ND	5.0	ug/Kg	12/15/2003 18:51	
Total xylenes	ND	5.0	ug/Kg	12/15/2003 18:51	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	88.4	70-121	%	12/15/2003 18:51	
Toluene-d8	93.2	81-117	%	12/15/2003 18:51	

Severn Trent Laboratories, Inc.

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12/22/2003 16:37

**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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Method Blank

Soil

QC Batch # 2003/12/16-1A.69

MB: 2003/12/16-1A.69-016

Date Extracted: 12/16/2003 10:16

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	1000	ug/Kg	12/16/2003 10:16	
Benzene	ND	5.0	ug/Kg	12/16/2003 10:16	
Toluene	ND	5.0	ug/Kg	12/16/2003 10:16	
Ethyl benzene	ND	5.0	ug/Kg	12/16/2003 10:16	
Total xylenes	ND	5.0	ug/Kg	12/16/2003 10:16	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/Kg	12/16/2003 10:16	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	86.9	70-121	%	12/16/2003 10:16	
Toluene-d8	98.1	81-117	%	12/16/2003 10:16	

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

12/22/2003 16:37

**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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5030B

Method Blank

MB: 2003/12/16-2A.69-020

Water

Test(s): 8260B

QC Batch # 2003/12/16-2A.69

Date Extracted: 12/16/2003 19:20

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	12/16/2003 19:20	
Benzene	ND	0.5	ug/L	12/16/2003 19:20	
Toluene	ND	0.5	ug/L	12/16/2003 19:20	
Ethylbenzene	ND	0.5	ug/L	12/16/2003 19:20	
Total xylenes	ND	1.0	ug/L	12/16/2003 19:20	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/16/2003 19:20	
<b>Surrogates(s)</b>					
1,2-Dichloroethane-d4	83.8	76-114	%	12/16/2003 19:20	
Toluene-d8	99.2	88-110	%	12/16/2003 19:20	

Severn Trent Laboratories, Inc.

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

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12/22/2003 16:37

**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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2003/12/15-02.64**

LCS 2003/12/15-02.64-055

Extracted: 12/15/2003

Analyzed: 12/15/2003 17:55

LCSD 2003/12/15-02.64-017

Extracted: 12/15/2003

Analyzed: 12/15/2003 18:17

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	22.1	22.1	25.0	88.4	88.4	0.0	65-165	20		
Benzene	21.4	22.0	25.0	85.6	88.0	2.8	69-129	20		
Toluene	22.1	23.0	25.0	88.4	92.0	4.0	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	481	475	500	96.2	95.0		76-114			
Toluene-d8	465	469	500	93.0	93.8		88-110			

Severn Trent Laboratories, Inc.

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12/22/2003 16:37

**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: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/12/15-02.69**

LCS: 2003/12/15-02.69-014

Extracted: 12/15/2003

Analyzed: 12/15/2003 18:14

LCSD: 2003/12/15-02.69-032

Extracted: 12/15/2003

Analyzed: 12/15/2003 18:32

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	39.5	43.7	50.0	79.0	87.4	10.1	65-165	20		
Benzene	41.6	43.5	50.0	83.2	87.0	4.5	69-129	20		
Toluene	51.6	48.5	50.0	103.2	97.0	6.2	70-130	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	436	449	500	87.2	89.8		70-121			
Toluene-d8	530	500	500	106.0	100.0		81-117			

Severn Trent Laboratories, Inc.

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12/22/2003 16:37

**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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Soil

QC Batch # 2003/12/16-1A.69

LCS 2003/12/16-1A.69-039

Extracted: 12/16/2003

Analyzed: 12/16/2003 09:39

LCSD 2003/12/16-1A.69-057

Extracted: 12/16/2003

Analyzed: 12/16/2003 09:57

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	43.4	39.8	50	86.8	79.6	8.7	69-129	20		
Toluene	54.8	49.6	50	109.6	99.2	10.0	70-130	20		
Methyl tert-butyl ether (MTBE)	41.3	43.5	50	82.6	87.0	5.2	65-165	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	431	449	500	86.2	89.8		70-121			
Toluene-d8	536	483	500	107.2	96.6		81-117			

Severn Trent Laboratories, Inc.

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

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

12/22/2003 16:37



**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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2003/12/16-2A.69**

LCS 2003/12/16-2A.69-039

Extracted: 12/16/2003

Analyzed: 12/16/2003 18:39

LCSD 2003/12/16-2A.69-001

Extracted: 12/16/2003

Analyzed: 12/16/2003 19:01

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	19.8	21.9	25	79.2	87.6	10.1	69-129	20		
Toluene	24.0	26.0	25	96.0	104.0	8.0	70-130	20		
Methyl tert-butyl ether (MTBE)	21.2	19.1	25	84.8	76.4	10.4	65-165	20		
<b>Surrogates(s)</b>										
1,2-Dichloroethane-d4	451	456	500	90.2	91.2		76-114			
Toluene-d8	502	545	500	100.4	109.0		88-110			

**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: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

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**Legend and Notes**

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**Analysis Flag**

o

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

**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

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

12/22/2003 16:37

**Semi-volatile analysis by GC/MS - EPA8270C**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
T5-9.0	12/02/2003 11:40	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

**Semi-volatile analysis by GC/MS - EPA8270C**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s): 3550B/8270C                      Test(s): 8270C  
 Sample ID: T5-9.0                          Lab ID: 2003-12-0190 - 9  
 Sampled: 12/02/2003 11:40                Extracted: 12/8/2003 14:43  
 Matrix: Soil                                    QC Batch#: 2003/12/08-04.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
2-Chlorophenol	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Benzyl alcohol	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
2-Methylphenol	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
4-Methylphenol	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Hexachloroethane	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Nitrobenzene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Isophorone	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
2-Nitrophenol	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
2,4-Dimethylphenol	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
2,4-Dichlorophenol	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Naphthalene	1.8	0.067	mg/Kg	1.00	12/09/2003 17:52	
4-Chloroaniline	ND	0.33	mg/Kg	1.00	12/09/2003 17:52	
Hexachlorobutadiene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
2-Methylnaphthalene	1.8	0.067	mg/Kg	1.00	12/09/2003 17:52	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
2-Chloronaphthalene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
2-Nitroaniline	ND	0.33	mg/Kg	1.00	12/09/2003 17:52	
Dimethyl phthalate	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	

Severn Trent Laboratories, Inc.

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

12/12/2003 15:45

**Semi-volatile analysis by GC/MS - EPA8270C**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road  
Tracy, CA 95304-9142  
Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 3550B/8270C      Test(s): 8270C  
Sample ID: T5-9.0      Lab ID: 2003-12-0190 - 9  
Sampled: 12/02/2003 11:40      Extracted: 12/8/2003 14:43  
Matrix: Soil      QC Batch#: 2003/12/08-04.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
3-Nitroaniline	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Acenaphthene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
2,4-Dinitrophenol	ND	0.33	mg/Kg	1.00	12/09/2003 17:52	
4-Nitrophenol	ND	0.33	mg/Kg	1.00	12/09/2003 17:52	
Dibenzofuran	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Diethyl phthalate	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
Fluorene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
4-Nitroaniline	ND	0.33	mg/Kg	1.00	12/09/2003 17:52	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	1.00	12/09/2003 17:52	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
Hexachlorobenzene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Pentachlorophenol	ND	0.33	mg/Kg	1.00	12/09/2003 17:52	
Phenanthrene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Anthracene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Di-n-butyl phthalate	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
Fluoranthene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Pyrene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Butyl benzyl phthalate	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
Benzo(a)anthracene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	1.00	12/09/2003 17:52	
Chrysene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Di-n-octyl phthalate	ND	0.17	mg/Kg	1.00	12/09/2003 17:52	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	

Severn Trent Laboratories, Inc.

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

12/12/2003 15:45

**Semi-volatile analysis by GC/MS - EPA8270C**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road  
Tracy, CA 95304-9142  
Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 3550B/8270C                      Test(s): 8270C  
Sample ID: T5-9.0                          Lab ID: 2003-12-0190 - 9  
Sampled: 12/02/2003 11:40              Extracted: 12/8/2003 14:43  
Matrix: Soil                                  QC Batch#: 2003/12/08-04.11

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)pyrene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	1.00	12/09/2003 17:52	
Benzoic acid	ND	0.33	mg/Kg	1.00	12/09/2003 17:52	
<b>Surrogate(s)</b>						
Nitrobenzene-d5	58.5	23-120	%	1.00	12/09/2003 17:52	
2-Fluorobiphenyl	63.8	30-115	%	1.00	12/09/2003 17:52	
p-Terphenyl-d14	64.8	18-137	%	1.00	12/09/2003 17:52	
2-Fluorophenol	54.7	25-121	%	1.00	12/09/2003 17:52	
Phenol-d6	61.8	24-113	%	1.00	12/09/2003 17:52	
2,4,6-Tribromophenol	72.0	19-122	%	1.00	12/09/2003 17:52	

Severn Trent Laboratories, Inc.

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

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12/12/2003 15:45

**Semi-volatile analysis by GC/MS - EPA8270C**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road  
Tracy, CA 95304-9142  
Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2003/12/08-04.11

MB: 2003/12/08-04.11-001

Date Extracted: 12/08/2003 14:43

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	0.067	mg/Kg	12/09/2003 16:25	
Bis(2-chloroethyl)ether	ND	0.067	mg/Kg	12/09/2003 16:25	
2-Chlorophenol	ND	0.067	mg/Kg	12/09/2003 16:25	
1,3-Dichlorobenzene	ND	0.067	mg/Kg	12/09/2003 16:25	
1,4-Dichlorobenzene	ND	0.067	mg/Kg	12/09/2003 16:25	
Benzyl alcohol	ND	0.17	mg/Kg	12/09/2003 16:25	
1,2-Dichlorobenzene	ND	0.067	mg/Kg	12/09/2003 16:25	
2-Methylphenol	ND	0.067	mg/Kg	12/09/2003 16:25	
Bis(2-chloroisopropyl) ether	ND	0.067	mg/Kg	12/09/2003 16:25	
4-Methylphenol	ND	0.067	mg/Kg	12/09/2003 16:25	
N-Nitroso-di-n-propylamine	ND	0.067	mg/Kg	12/09/2003 16:25	
Hexachloroethane	ND	0.067	mg/Kg	12/09/2003 16:25	
Nitrobenzene	ND	0.067	mg/Kg	12/09/2003 16:25	
Isophorone	ND	0.067	mg/Kg	12/09/2003 16:25	
2-Nitrophenol	ND	0.067	mg/Kg	12/09/2003 16:25	
2,4-Dimethylphenol	ND	0.067	mg/Kg	12/09/2003 16:25	
Bis(2-chloroethoxy) methane	ND	0.17	mg/Kg	12/09/2003 16:25	
2,4-Dichlorophenol	ND	0.067	mg/Kg	12/09/2003 16:25	
1,2,4-Trichlorobenzene	ND	0.067	mg/Kg	12/09/2003 16:25	
Naphthalene	ND	0.067	mg/Kg	12/09/2003 16:25	
4-Chloroaniline	ND	0.330	mg/Kg	12/09/2003 16:25	
Hexachlorobutadiene	ND	0.067	mg/Kg	12/09/2003 16:25	
4-Chloro-3-methylphenol	ND	0.17	mg/Kg	12/09/2003 16:25	
2-Methylnaphthalene	ND	0.067	mg/Kg	12/09/2003 16:25	
Hexachlorocyclopentadiene	ND	0.17	mg/Kg	12/09/2003 16:25	
2,4,6-Trichlorophenol	ND	0.067	mg/Kg	12/09/2003 16:25	
2,4,5-Trichlorophenol	ND	0.067	mg/Kg	12/09/2003 16:25	
2-Chloronaphthalene	ND	0.067	mg/Kg	12/09/2003 16:25	
2-Nitroaniline	ND	0.33	mg/Kg	12/09/2003 16:25	
Dimethyl phthalate	ND	0.17	mg/Kg	12/09/2003 16:25	

Severn Trent Laboratories, Inc.

12/12/2003 15:45

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

**Semi-volatile analysis by GC/MS - EPA8270C**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Batch QC Report**

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2003/12/08-04:11

MB: 2003/12/08-04.11-001

Date Extracted: 12/08/2003 14:43

Compound	Conc.	RL	Unit	Analyzed	Flag
Acenaphthylene	ND	0.067	mg/Kg	12/09/2003 16:25	
3-Nitroaniline	ND	0.067	mg/Kg	12/09/2003 16:25	
Acenaphthene	ND	0.067	mg/Kg	12/09/2003 16:25	
2,4-Dinitrophenol	ND	0.33	mg/Kg	12/09/2003 16:25	
4-Nitrophenol	ND	0.33	mg/Kg	12/09/2003 16:25	
Dibenzofuran	ND	0.067	mg/Kg	12/09/2003 16:25	
2,4-Dinitrotoluene	ND	0.067	mg/Kg	12/09/2003 16:25	
2,6-Dinitrotoluene	ND	0.067	mg/Kg	12/09/2003 16:25	
Diethyl phthalate	ND	0.17	mg/Kg	12/09/2003 16:25	
4-Chlorophenyl phenyl ether	ND	0.17	mg/Kg	12/09/2003 16:25	
Fluorene	ND	0.067	mg/Kg	12/09/2003 16:25	
4-Nitroaniline	ND	0.33	mg/Kg	12/09/2003 16:25	
2-Methyl-4,6-dinitrophenol	ND	0.33	mg/Kg	12/09/2003 16:25	
N-Nitrosodiphenylamine	ND	0.067	mg/Kg	12/09/2003 16:25	
4-Bromophenyl phenyl ether	ND	0.17	mg/Kg	12/09/2003 16:25	
Hexachlorobenzene	ND	0.067	mg/Kg	12/09/2003 16:25	
Pentachlorophenol	ND	0.33	mg/Kg	12/09/2003 16:25	
Phenanthrene	ND	0.067	mg/Kg	12/09/2003 16:25	
Anthracene	ND	0.067	mg/Kg	12/09/2003 16:25	
Di-n-butyl phthalate	ND	0.17	mg/Kg	12/09/2003 16:25	
Fluoranthene	ND	0.067	mg/Kg	12/09/2003 16:25	
Pyrene	ND	0.067	mg/Kg	12/09/2003 16:25	
Butyl benzyl phthalate	ND	0.17	mg/Kg	12/09/2003 16:25	
3,3-Dichlorobenzidine	ND	0.17	mg/Kg	12/09/2003 16:25	
Benzo(a)anthracene	ND	0.067	mg/Kg	12/09/2003 16:25	
bis(2-Ethylhexyl) phthalate	ND	0.33	mg/Kg	12/09/2003 16:25	
Chrysene	ND	0.067	mg/Kg	12/09/2003 16:25	
Di-n-octyl phthalate	ND	0.17	mg/Kg	12/09/2003 16:25	
Benzo(b)fluoranthene	ND	0.067	mg/Kg	12/09/2003 16:25	
Benzo(k)fluoranthene	ND	0.067	mg/Kg	12/09/2003 16:25	
Benzo(a)pyrene	ND	0.067	mg/Kg	12/09/2003 16:25	

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12/12/2003 15:45

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**Semi-volatile analysis by GC/MS - EPA8270C**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road  
Tracy, CA 95304-9142  
Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550B/8270C

Test(s): 8270C

Method Blank

Soil

QC Batch # 2003/12/08-04.11

MB: 2003/12/08-04.11-001

Date Extracted: 12/08/2003 14:43

Compound	Conc.	RL	Unit	Analyzed	Flag
Indeno(1,2,3-c,d)pyrene	ND	0.067	mg/Kg	12/09/2003 16:25	
Dibenzo(a,h)anthracene	ND	0.067	mg/Kg	12/09/2003 16:25	
Benzo(g,h,i)perylene	ND	0.067	mg/Kg	12/09/2003 16:25	
Benzoic acid	ND	0.33	mg/Kg	12/09/2003 16:25	
<b>Surrogates(s)</b>					
Nitrobenzene-d5	70.0	23-120	%	12/09/2003 16:25	
2-Fluorobiphenyl	87.0	30-115	%	12/09/2003 16:25	
p-Terphenyl-d14	80.4	18-137	%	12/09/2003 16:25	
2-Fluorophenol	74.3	25-121	%	12/09/2003 16:25	
Phenol-d6	82.2	24-113	%	12/09/2003 16:25	
2,4,6-Tribromophenol	89.4	19-122	%	12/09/2003 16:25	

Severn Trent Laboratories, Inc.

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

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

12/12/2003 15:45

**Semi-volatile analysis by GC/MS - EPA8270C**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road  
Tracy, CA 95304-9142  
Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550B/8270C

Test(s): 8270C

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/12/08-04.11**

LCS 2003/12/08-04.11-002

Extracted: 12/08/2003

Analyzed: 12/09/2003 16:54

LCSD 2003/12/08-04.11-003

Extracted: 12/08/2003

Analyzed: 12/09/2003 17:23

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Phenol	1.45	1.47	1.99	72.9	73.9	1.4	20-90	35		
2-Chlorophenol	1.44	1.47	1.99	72.4	73.9	2.1	27-123	35		
1,4-Dichlorobenzene	0.690	0.710	0.995	69.3	71.4	3.0	28-104	30		
N-Nitroso-di-n-propylamine	0.730	0.760	0.995	73.4	76.4	4.0	25-114	39		
1,2,4-Trichlorobenzene	0.840	0.750	0.995	84.4	75.4	11.3	38-107	35		
4-Chloro-3-methylphenol	1.67	1.56	1.99	83.9	78.4	6.8	26-103	33		
Acenaphthene	0.900	0.820	0.995	90.5	82.4	9.4	49-102	30		
4-Nitrophenol	1.90	1.86	1.99	95.5	93.5	2.1	17-109	35		
2,4-Dinitrotoluene	0.900	0.890	0.995	90.5	89.4	1.2	39-139	38		
Pentachlorophenol	1.44	1.48	1.99	72.4	74.4	2.7	11-114	35		
Pyrene	0.830	0.810	0.995	83.4	81.4	2.4	25-117	35		
<b>Surrogates(s)</b>										
Nitrobenzene-d5	15.8	14.3	25	63.2	57.2		23-120			
2-Fluorobiphenyl	20.2	20.1	25	80.8	80.4		30-115			
p-Terphenyl-d14	19.6	19.7	25	78.4	78.8		18-137			
2-Fluorophenol	28.8	28.6	50	57.6	57.2		25-121			
Phenol-d6	36.7	37.3	50	73.4	74.6		24-113			
2,4,6-Tribromophenol	41.9	41.9	50	83.8	83.8		19-122			

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

12/12/2003 15:45

**Semi-volatile analysis by GC/MS - EPA8270C**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road  
Tracy, CA 95304-9142  
Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550B/8270C

Test(s): 8270C

**Matrix Spike ( MS / MSD )**

**Soil**

**QC Batch # 2003/12/08-04.11**

T5-9.0 >> MS

Lab ID: 2003-12-0190 - 009

MS: 2003/12/08-04.11-005

Extracted: 12/08/2003

Analyzed: 12/09/2003 18:21

Dilution: 1.00

MSD: 2003/12/08-04.11-006

Extracted: 12/08/2003

Analyzed: 12/09/2003 18:50

Dilution: 1.00

Compound	Conc. mg/Kg		Sample	Spk.Level mg/Kg	Recovery %			Limits %		Flags	
	MS	MSD			MS	MSD	RPD	Rec.	RPD	MS	MSD
Phenol	1.42	1.45	ND	2.00	71.0	72.9	2.6	20-90	35		
2-Chlorophenol	1.34	1.40	ND	2.00	67.0	70.4	4.9	27-123	35		
1,4-Dichlorobenzene	0.580	0.680	ND	0.998	58.1	68.3	16.1	28-104	30		
N-Nitroso-di-n-propylamine	0.670	0.720	ND	0.998	67.1	72.3	7.5	25-114	39		
1,2,4-Trichlorobenzene	0.690	0.710	ND	0.998	69.1	71.3	3.1	38-107	35		
4-Chloro-3-methylphenol	1.41	1.42	ND	2.00	70.5	71.4	1.3	26-103	33		
Acenaphthene	0.730	0.770	ND	0.998	73.1	77.3	5.6	49-102	30		
4-Nitrophenol	1.75	1.94	ND	2.00	87.5	97.5	10.8	17-109	35		
2,4-Dinitrotoluene	0.830	0.910	ND	0.998	83.2	91.4	9.4	39-139	38		
Pentachlorophenol	1.38	1.49	ND	2.00	69.0	74.9	8.2	11-114	35		
Pyrene	0.770	0.820	ND	0.998	77.2	82.3	6.4	25-117	35		
<b>Surrogate(s)</b>											
Nitrobenzene-d5	15.3	15.1		25	61.4	60.2		23-120			
2-Fluorobiphenyl	18.5	17.8		25	73.8	71.0		30-115			
p-Terphenyl-d14	18.1	19.4		25	72.4	77.5		18-137			
2-Fluorophenol	25.6	28.0		50	51.2	56.1		25-121			
Phenol-d6	32.6	35.1		50	65.3	70.2		24-113			
2,4,6-Tribromophenol	36.7	43.7		50	73.4	87.4		19-122			

Severn Trent Laboratories, Inc.

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

12/12/2003 15:45

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
T5-9.0	12/02/2003 11:40	Soil	9

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5030	Test(s): 8015M
Sample ID: T5-9.0	Lab ID: 2003-12-0190 - 9
Sampled: 12/02/2003 11:40	Extracted: 12/12/2003 12:55
Matrix: Soil	QC Batch#: 2003/12/12-05.01

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	400	50	mg/Kg	5.00	12/12/2003 12:55	
<i>Surrogate(s)</i>						
4-Bromofluorobenzene-FID	NA	58-124	%	1.00	12/12/2003 12:55	sd

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

12/12/2003 15:59

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

Method Blank

Soil

QC Batch # 2003/12/12-05.01

MB: 2003/12/12-05.01-001

Date Extracted: 12/12/2003 10:49

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	10	mg/Kg	12/12/2003 10:49	
<b>Surrogates(s)</b>					
4-Bromofluorobenzene-FID	114.8	58-124	%	12/12/2003 10:49	

Severn Trent Laboratories, Inc.

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

12/12/2003 15:59

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.  
Attn.: Bernie Dietz

33233 S. Koster Road  
Tracy, CA 95304-9142  
Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5030

Test(s): 8015M

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/12/12-05.01**

LCS 2003/12/12-05.01-002

Extracted: 12/12/2003

Analyzed: 12/12/2003 12:28

LCSD 2003/12/12-05.01-003

Extracted: 12/12/2003

Analyzed: 12/12/2003 11:42

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Gasoline	0.631	0.679	0.625	101.0	108.6	7.3	75-125	35		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene-FID	526	523	500	105.2	104.6		58-124	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

12/12/2003 15:59

**Gas/BTEX Compounds (High Level)**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

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**Legend and Notes**

---

**Result Flag**

sd

Surrogate recovery not reportable due to required dilution.



Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
T5-9.0	12/02/2003 11:40	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

12/12/2003 15:46

Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road  
Tracy, CA 95304-9142  
Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	3550/8015M	Test(s):	8015M
Sample ID:	T5-9.0	Lab ID:	2003-12-0190 - 9
Sampled:	12/02/2003 11:40	Extracted:	12/8/2003 10:15
Matrix:	Soil	QC Batch#:	2003/12/08-01.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	70	1.0	mg/Kg	1.00	12/11/2003 11:44	ndp
Stoddard solvent	ND	1.0	mg/Kg	1.00	12/11/2003 11:44	
Mineral spirits	ND	10	mg/Kg	1.00	12/11/2003 11:44	
<b>Surrogate(s)</b> o-Terphenyl	82.7	60-130	%	1.00	12/11/2003 11:44	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

Method Blank

Soil

QC Batch # 2003/12/08-01.10

MB: 2003/12/08-01.10-001

Date Extracted: 12/08/2003 10:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	12/08/2003 16:26	
Stoddard solvent	ND	1	mg/Kg	12/08/2003 16:26	
Mineral spirits	ND	10	mg/Kg	12/08/2003 16:26	
<b>Surrogates(s)</b> o-Terphenyl	80.0	60-130	%	12/08/2003 16:26	

**Total Extractable Petroleum Hydrocarbons (TEPH)**

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road  
Tracy, CA 95304-9142  
Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3550/8015M

Test(s): 8015M

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/12/08-01.10**

LCS 2003/12/08-01.10-002

Extracted: 12/08/2003

Analyzed: 12/08/2003 16:00

LCSD 2003/12/08-01.10-003

Extracted: 12/08/2003

Analyzed: 12/08/2003 15:35

Compound	Conc. mg/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	35.4	35.3	41.5	85.3	84.9	0.5	60-130	25		
<i>Surrogates(s)</i> o-Terphenyl	18.4	17.7	20.0	91.9	88.5		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

12/12/2003 15:46

Total Extractable Petroleum Hydrocarbons (TEPH)

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

---

Legend and Notes

---

**Result Flag**

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

San Joaquin Company, Inc.

December 15, 2003

33233 S. Koster Road  
Tracy, CA 95304-9142

Attn.: Bernie Dietz

Project#: 0004.081

Project: Bay Rock Emeryville Corners

Dear Bernie,

Attached is our report for your samples received on 12/04/2003 16:55

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 01/18/2004 unless you have requested otherwise.

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

You can also contact me via email. My email address is: [vvancil@stl-inc.com](mailto:vvancil@stl-inc.com)

Sincerely,



Vincent Vancil  
Project Manager

Severn Trent Laboratories, Inc.

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

Tel 925 484 1919 Fax 925 484 1096 \* [www.stl-inc.com](http://www.stl-inc.com) \* CA DHS ELAP# 2496

**Diesel (C10-C24)**

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: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
T3-W	12/03/2003 15:00	Water	7

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

Diesel (C10-C24)

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: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	3511	Test(s):	8015M
Sample ID:	T3-W	Lab ID:	2003-12-0190 - 7
Sampled:	12/03/2003 15:00	Extracted:	12/15/2003 12:32
Matrix:	Water	QC Batch#:	2003/12/15-05.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	2300	50	ug/L	1.00	12/17/2003 10:34	ndp
<i>Surrogate(s)</i> o-Terphenyl	137.6	50-150	%	1.00	12/17/2003 10:34	



**Diesel (C10-C24)**

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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3511

Method Blank

MB: 2003/12/15-05.10-001

Water

Test(s): 8015M

QC Batch # 2003/12/15-05.10

Date Extracted: 12/15/2003 12:32

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	12/15/2003 17:30	
<b>Surrogates(s)</b> o-Terphenyl	115.2	50-150	%	12/15/2003 17:30	

**Diesel (C10-C24)**

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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 3511

Test(s): 8015M

**Laboratory Control Spike**

**Water**

**QC Batch # 2003/12/15-05.10**

LCS 2003/12/15-05.10-002

Extracted: 12/15/2003

Analyzed: 12/16/2003 13:19

LCSD 2003/12/15-05.10-003

Extracted: 12/15/2003

Analyzed: 12/16/2003 13:46

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	724	811	680	106.5	119.3	11.3	60-150	25		
<b>Surrogates(s)</b> o-Terphenyl	1.44	1.56	1.25	115.2	124.8		50-150	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

12/19/2003 16:25

**Diesel (C10-C24)**

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: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

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**Legend and Notes**

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**Result Flag**

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

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

San Joaquin Company, Inc.  
Attn.: Bernie Dietz  
  
33233 S. Koster Road  
Tracy, CA 95304-9142  
Phone: (209) 832-2910 Fax: (209) 833-1288  
  
Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
T5-9.0	12/02/2003 11:40	Soil	9

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

San Joaquin Company, Inc.

Attn.: Bernie Dietz

 33233 S. Koster Road  
 Tracy, CA 95304-9142  
 Phone: (209) 832-2910 Fax: (209) 833-1288

 Project: 0004.081  
 Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5035	Test(s): 8260B
Sample ID: T5-9.0	Lab ID: 2003-12-0190 - 9
Sampled: 12/02/2003 11:40	Extracted: 12/11/2003 13:54
Matrix: Soil	QC Batch#: 2003/12/11-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	2500	ug/Kg	1.00	12/11/2003 13:54	
Acetone	ND	25000	ug/Kg	1.00	12/11/2003 13:54	
Benzene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Bromodichloromethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Bromoform	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Bromomethane	ND	500	ug/Kg	1.00	12/11/2003 13:54	
Carbon tetrachloride	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Chlorobenzene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Chloroethane	ND	500	ug/Kg	1.00	12/11/2003 13:54	
2-Butanone(MEK)	ND	25000	ug/Kg	1.00	12/11/2003 13:54	
2-Chloroethylvinyl ether	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Chloroform	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Chloromethane	ND	500	ug/Kg	1.00	12/11/2003 13:54	
Dibromochloromethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,2-Dichlorobenzene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,3-Dichlorobenzene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,4-Dichlorobenzene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,3-Dichloropropane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
2,2-Dichloropropane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,1-Dichloropropene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,2-Dibromo-3-chloropropane	ND	2500	ug/Kg	1.00	12/11/2003 13:54	
1,2-Dibromoethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Dibromomethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Dichlorodifluoromethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,1-Dichloroethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,2-Dichloroethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,1-Dichloroethene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
cis-1,2-Dichloroethene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
trans-1,2-Dichloroethene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,2-Dichloropropane	ND	250	ug/Kg	1.00	12/11/2003 13:54	

Severn Trent Laboratories, Inc.

12/15/2003 08:36

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

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s): 5035 Test(s): 8260B  
 Sample ID: T5-9.0 Lab ID: 2003-12-0190 - 9  
 Sampled: 12/02/2003 11:40 Extracted: 12/11/2003 13:54  
 Matrix: Soil QC Batch#: 2003/12/11-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
cis-1,3-Dichloropropene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
trans-1,3-Dichloropropene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Ethylbenzene	6100	250	ug/Kg	1.00	12/11/2003 13:54	
Hexachlorobutadiene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
2-Hexanone	ND	25000	ug/Kg	1.00	12/11/2003 13:54	
Methylene chloride	ND	2500	ug/Kg	1.00	12/11/2003 13:54	
4-Methyl-2-pentanone (MIBK)	ND	25000	ug/Kg	1.00	12/11/2003 13:54	
Naphthalene	4100	250	ug/Kg	1.00	12/11/2003 13:54	
Styrene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Tetrachloroethene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Toluene	2600	250	ug/Kg	1.00	12/11/2003 13:54	
1,1,1-Trichloroethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,1,2-Trichloroethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Trichloroethene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Vinyl acetate	ND	2500	ug/Kg	1.00	12/11/2003 13:54	
Vinyl chloride	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Total xylenes	36000	500	ug/Kg	1.00	12/11/2003 13:54	
Trichlorotrifluoroethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Carbon disulfide	ND	500	ug/Kg	1.00	12/11/2003 13:54	
Isopropylbenzene	880	250	ug/Kg	1.00	12/11/2003 13:54	
Bromobenzene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Bromochloromethane	ND	250	ug/Kg	1.00	12/11/2003 13:54	
Trichlorofluoromethane	ND	1000	ug/Kg	1.00	12/11/2003 13:54	
1,2,3-Trichlorobenzene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
1,2,4-Trimethylbenzene	25000	250	ug/Kg	1.00	12/11/2003 13:54	
1,3,5-Trimethylbenzene	7600	250	ug/Kg	1.00	12/11/2003 13:54	
2-Chlorotoluene	ND	250	ug/Kg	1.00	12/11/2003 13:54	

Severn Trent Laboratories, Inc.

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12/15/2003 08:36

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

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s): 5035 Test(s): 8260B  
 Sample ID: T5-9.0 Lab ID: 2003-12-0190 - 9  
 Sampled: 12/02/2003 11:40 Extracted: 12/11/2003 13:54  
 Matrix: Soil QC Batch#: 2003/12/11-01.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
4-Chlorotoluene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
n-Butylbenzene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
n-Propylbenzene	3900	250	ug/Kg	1.00	12/11/2003 13:54	
p-Isopropyltoluene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
sec-Butylbenzene	600	250	ug/Kg	1.00	12/11/2003 13:54	
tert-Butylbenzene	ND	250	ug/Kg	1.00	12/11/2003 13:54	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	108.2	74-121	%	1.00	12/11/2003 13:54	
1,2-Dichloroethane-d4	109.5	70-121	%	1.00	12/11/2003 13:54	
Toluene-d8	110.0	81-117	%	1.00	12/11/2003 13:54	

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

San Joaquin Company, Inc.

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Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2003/12/11-01.06-004

Soil

Test(s): 8260B

QC Batch # 2003/12/11-01.06

Date Extracted: 12/11/2003 13:16

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	2500	ug/Kg	12/11/2003 13:16	
Acetone	ND	25000	ug/Kg	12/11/2003 13:16	
Benzene	ND	250	ug/Kg	12/11/2003 13:16	
Bromodichloromethane	ND	250	ug/Kg	12/11/2003 13:16	
Bromoform	ND	250	ug/Kg	12/11/2003 13:16	
Bromomethane	ND	500	ug/Kg	12/11/2003 13:16	
Carbon tetrachloride	ND	250	ug/Kg	12/11/2003 13:16	
Chlorobenzene	ND	250	ug/Kg	12/11/2003 13:16	
Chloroethane	ND	500	ug/Kg	12/11/2003 13:16	
2-Butanone(MEK)	ND	25000	ug/Kg	12/11/2003 13:16	
2-Chloroethylvinyl ether	ND	250	ug/Kg	12/11/2003 13:16	
Chloroform	ND	250	ug/Kg	12/11/2003 13:16	
Chloromethane	ND	500	ug/Kg	12/11/2003 13:16	
Dibromochloromethane	ND	250	ug/Kg	12/11/2003 13:16	
1,2-Dichlorobenzene	ND	250	ug/Kg	12/11/2003 13:16	
1,3-Dichlorobenzene	ND	250	ug/Kg	12/11/2003 13:16	
1,4-Dichlorobenzene	ND	250	ug/Kg	12/11/2003 13:16	
1,3-Dichloropropane	ND	250	ug/Kg	12/11/2003 13:16	
2,2-Dichloropropane	ND	250	ug/Kg	12/11/2003 13:16	
1,1-Dichloropropene	ND	250	ug/Kg	12/11/2003 13:16	
1,2-Dibromo-3-chloropropane	ND	2500	ug/Kg	12/11/2003 13:16	
1,2-Dibromoethane	ND	250	ug/Kg	12/11/2003 13:16	
Dibromomethane	ND	250	ug/Kg	12/11/2003 13:16	
Dichlorodifluoromethane	ND	250	ug/Kg	12/11/2003 13:16	
1,1-Dichloroethane	ND	250	ug/Kg	12/11/2003 13:16	
1,2-Dichloroethane	ND	250	ug/Kg	12/11/2003 13:16	
1,1-Dichloroethene	ND	250	ug/Kg	12/11/2003 13:16	
cis-1,2-Dichloroethene	ND	250	ug/Kg	12/11/2003 13:16	
trans-1,2-Dichloroethene	ND	250	ug/Kg	12/11/2003 13:16	
1,2-Dichloropropane	ND	250	ug/Kg	12/11/2003 13:16	

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

12/15/2003 08:36



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

San Joaquin Company, Inc.

Attn.: Bernie Dietz

33233 S. Koster Road

Tracy, CA 95304-9142

Phone: (209) 832-2910 Fax: (209) 833-1288

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

Method Blank

Soil

QC Batch # 2003/12/11-01.06

MB: 2003/12/11-01.06-004

Date Extracted: 12/11/2003 13:16

Compound	Conc.	RL	Unit	Analyzed	Flag
cis-1,3-Dichloropropene	ND	250	ug/Kg	12/11/2003 13:16	
trans-1,3-Dichloropropene	ND	250	ug/Kg	12/11/2003 13:16	
Ethylbenzene	ND	250	ug/Kg	12/11/2003 13:16	
Hexachlorobutadiene	ND	250	ug/Kg	12/11/2003 13:16	
2-Hexanone	ND	25000	ug/Kg	12/11/2003 13:16	
Methylene chloride	ND	2500	ug/Kg	12/11/2003 13:16	
4-Methyl-2-pentanone (MIBK)	ND	25000	ug/Kg	12/11/2003 13:16	
Naphthalene	ND	250	ug/Kg	12/11/2003 13:16	
Styrene	ND	250	ug/Kg	12/11/2003 13:16	
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	12/11/2003 13:16	
Tetrachloroethene	ND	250	ug/Kg	12/11/2003 13:16	
Toluene	ND	250	ug/Kg	12/11/2003 13:16	
1,1,1-Trichloroethane	ND	250	ug/Kg	12/11/2003 13:16	
1,1,2-Trichloroethane	ND	250	ug/Kg	12/11/2003 13:16	
Trichloroethene	ND	250	ug/Kg	12/11/2003 13:16	
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	12/11/2003 13:16	
Vinyl acetate	ND	2500	ug/Kg	12/11/2003 13:16	
Vinyl chloride	ND	250	ug/Kg	12/11/2003 13:16	
Total xylenes	ND	500	ug/Kg	12/11/2003 13:16	
Trichlorotrifluoroethane	ND	250	ug/Kg	12/11/2003 13:16	
Carbon disulfide	ND	500	ug/Kg	12/11/2003 13:16	
Isopropylbenzene	ND	250	ug/Kg	12/11/2003 13:16	
Bromobenzene	ND	250	ug/Kg	12/11/2003 13:16	
Bromochloromethane	ND	250	ug/Kg	12/11/2003 13:16	
Trichlorofluoromethane	ND	1000	ug/Kg	12/11/2003 13:16	
1,2,3-Trichlorobenzene	ND	250	ug/Kg	12/11/2003 13:16	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	12/11/2003 13:16	
1,2,4-Trimethylbenzene	ND	250	ug/Kg	12/11/2003 13:16	
1,3,5-Trimethylbenzene	ND	250	ug/Kg	12/11/2003 13:16	
2-Chlorotoluene	ND	250	ug/Kg	12/11/2003 13:16	
4-Chlorotoluene	ND	250	ug/Kg	12/11/2003 13:16	

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12/15/2003 08:36

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**Volatile Organic Compounds 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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5035	Test(s): 8260B
Sample ID: T8-8.5	Lab ID: 2003-12-0190 - 13
Sampled: 12/02/2003 13:15	Extracted: 12/16/2003 14:04
Matrix: Soil	QC Batch#: 2003/12/16-02.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
cis-1,3-Dichloropropene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
trans-1,3-Dichloropropene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Ethylbenzene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Hexachlorobutadiene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
2-Hexanone	ND	25000	ug/Kg	1.00	12/16/2003 14:04	
Methylene chloride	ND	2500	ug/Kg	1.00	12/16/2003 14:04	
4-Methyl-2-pentanone (MIBK)	ND	25000	ug/Kg	1.00	12/16/2003 14:04	
Naphthalene	ND	500	ug/Kg	1.00	12/16/2003 14:04	
Styrene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Tetrachloroethene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Toluene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
1,1,1-Trichloroethane	ND	250	ug/Kg	1.00	12/16/2003 14:04	
1,1,2-Trichloroethane	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Trichloroethene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Vinyl acetate	ND	2500	ug/Kg	1.00	12/16/2003 14:04	
Vinyl chloride	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Total xylenes	ND	500	ug/Kg	1.00	12/16/2003 14:04	
Trichlorotrifluoroethane	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Carbon disulfide	ND	500	ug/Kg	1.00	12/16/2003 14:04	
Isopropylbenzene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Bromobenzene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Bromochloromethane	ND	250	ug/Kg	1.00	12/16/2003 14:04	
Trichlorofluoromethane	ND	1000	ug/Kg	1.00	12/16/2003 14:04	
1,2,3-Trichlorobenzene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
1,2,4-Trimethylbenzene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
1,3,5-Trimethylbenzene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
2-Chlorotoluene	ND	250	ug/Kg	1.00	12/16/2003 14:04	

Severn Trent Laboratories, Inc.

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

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12/22/2003 16:39

**Volatile Organic Compounds 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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	5035	Test(s):	8260B
Sample ID:	T8-8.5	Lab ID:	2003-12-0190 - 13
Sampled:	12/02/2003 13:15	Extracted:	12/16/2003 14:04
Matrix:	Soil	QC Batch#:	2003/12/16-02.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
4-Chlorotoluene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
n-Butylbenzene	510	250	ug/Kg	1.00	12/16/2003 14:04	
n-Propylbenzene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
p-Isopropyltoluene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
sec-Butylbenzene	810	250	ug/Kg	1.00	12/16/2003 14:04	
tert-Butylbenzene	ND	250	ug/Kg	1.00	12/16/2003 14:04	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	99.3	74-121	%	1.00	12/16/2003 14:04	
1,2-Dichloroethane-d4	97.8	70-121	%	1.00	12/16/2003 14:04	
Toluene-d8	98.8	81-117	%	1.00	12/16/2003 14:04	

**Volatile Organic Compounds 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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2003/12/16-02.60-015

Soil

Test(s): 8260B

QC Batch # 2003/12/16-02.60

Date Extracted: 12/16/2003 11:15

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	2500	ug/Kg	12/16/2003 11:15	
Acetone	ND	25000	ug/Kg	12/16/2003 11:15	
Benzene	ND	250	ug/Kg	12/16/2003 11:15	
Bromodichloromethane	ND	250	ug/Kg	12/16/2003 11:15	
Bromoform	ND	250	ug/Kg	12/16/2003 11:15	
Bromomethane	ND	500	ug/Kg	12/16/2003 11:15	
Carbon tetrachloride	ND	250	ug/Kg	12/16/2003 11:15	
Chlorobenzene	ND	250	ug/Kg	12/16/2003 11:15	
Chloroethane	ND	500	ug/Kg	12/16/2003 11:15	
2-Butanone(MEK)	ND	25000	ug/Kg	12/16/2003 11:15	
2-Chloroethylvinyl ether	ND	250	ug/Kg	12/16/2003 11:15	
Chloroform	ND	250	ug/Kg	12/16/2003 11:15	
Chloromethane	ND	500	ug/Kg	12/16/2003 11:15	
Dibromochloromethane	ND	250	ug/Kg	12/16/2003 11:15	
1,2-Dichlorobenzene	ND	250	ug/Kg	12/16/2003 11:15	
1,3-Dichlorobenzene	ND	250	ug/Kg	12/16/2003 11:15	
1,4-Dichlorobenzene	ND	250	ug/Kg	12/16/2003 11:15	
1,3-Dichloropropane	ND	250	ug/Kg	12/16/2003 11:15	
2,2-Dichloropropane	ND	250	ug/Kg	12/16/2003 11:15	
1,1-Dichloropropene	ND	250	ug/Kg	12/16/2003 11:15	
1,2-Dibromo-3-chloropropane	ND	2500	ug/Kg	12/16/2003 11:15	
1,2-Dibromoethane	ND	250	ug/Kg	12/16/2003 11:15	
Dibromomethane	ND	250	ug/Kg	12/16/2003 11:15	
Dichlorodifluoromethane	ND	250	ug/Kg	12/16/2003 11:15	
1,1-Dichloroethane	ND	250	ug/Kg	12/16/2003 11:15	
1,2-Dichloroethane	ND	250	ug/Kg	12/16/2003 11:15	
1,1-Dichloroethene	ND	250	ug/Kg	12/16/2003 11:15	
cis-1,2-Dichloroethene	ND	250	ug/Kg	12/16/2003 11:15	
trans-1,2-Dichloroethene	ND	250	ug/Kg	12/16/2003 11:15	
1,2-Dichloropropane	ND	250	ug/Kg	12/16/2003 11:15	

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

12/22/2003 16:39

**Volatile Organic Compounds 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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

Method: Blank

Soil

QC Batch # 2003/12/16-02.60

MB: 2003/12/16-02.60-015

Date Extracted: 12/16/2003 11:15

Compound	Conc.	RL	Unit	Analyzed	Flag
cis-1,3-Dichloropropene	ND	250	ug/Kg	12/16/2003 11:15	
trans-1,3-Dichloropropene	ND	250	ug/Kg	12/16/2003 11:15	
Ethylbenzene	ND	250	ug/Kg	12/16/2003 11:15	
Hexachlorobutadiene	ND	250	ug/Kg	12/16/2003 11:15	
2-Hexanone	ND	25000	ug/Kg	12/16/2003 11:15	
Methylene chloride	ND	2500	ug/Kg	12/16/2003 11:15	
4-Methyl-2-pentanone (MIBK)	ND	25000	ug/Kg	12/16/2003 11:15	
Naphthalene	ND	500	ug/Kg	12/16/2003 11:15	
Styrene	ND	250	ug/Kg	12/16/2003 11:15	
1,1,2,2-Tetrachloroethane	ND	250	ug/Kg	12/16/2003 11:15	
Tetrachloroethene	ND	250	ug/Kg	12/16/2003 11:15	
Toluene	ND	250	ug/Kg	12/16/2003 11:15	
1,1,1-Trichloroethane	ND	250	ug/Kg	12/16/2003 11:15	
1,1,2-Trichloroethane	ND	250	ug/Kg	12/16/2003 11:15	
Trichloroethene	ND	250	ug/Kg	12/16/2003 11:15	
1,1,1,2-Tetrachloroethane	ND	250	ug/Kg	12/16/2003 11:15	
Vinyl acetate	ND	2500	ug/Kg	12/16/2003 11:15	
Vinyl chloride	ND	250	ug/Kg	12/16/2003 11:15	
Total xylenes	ND	500	ug/Kg	12/16/2003 11:15	
Trichlorotrifluoroethane	ND	250	ug/Kg	12/16/2003 11:15	
Carbon disulfide	ND	500	ug/Kg	12/16/2003 11:15	
Isopropylbenzene	ND	250	ug/Kg	12/16/2003 11:15	
Bromobenzene	ND	250	ug/Kg	12/16/2003 11:15	
Bromochloromethane	ND	250	ug/Kg	12/16/2003 11:15	
Trichlorofluoromethane	ND	1000	ug/Kg	12/16/2003 11:15	
1,2,3-Trichlorobenzene	ND	250	ug/Kg	12/16/2003 11:15	
1,2,4-Trichlorobenzene	ND	250	ug/Kg	12/16/2003 11:15	
1,2,4-Trimethylbenzene	ND	250	ug/Kg	12/16/2003 11:15	
1,3,5-Trimethylbenzene	ND	250	ug/Kg	12/16/2003 11:15	
2-Chlorotoluene	ND	250	ug/Kg	12/16/2003 11:15	
4-Chlorotoluene	ND	250	ug/Kg	12/16/2003 11:15	

Severn Trent Laboratories, Inc.

12/22/2003 16:39

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

**Volatile Organic Compounds 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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5035

Method: Blank

MB: 2003/12/16-02.60-015

Soil

Test(s): 8260B

QC Batch # 2003/12/16-02.60

Date Extracted: 12/16/2003 11:15

Compound	Conc.	RL	Unit	Analyzed	Flag
n-Butylbenzene	ND	250	ug/Kg	12/16/2003 11:15	
n-Propylbenzene	ND	250	ug/Kg	12/16/2003 11:15	
p-Isopropyltoluene	ND	250	ug/Kg	12/16/2003 11:15	
sec-Butylbenzene	ND	250	ug/Kg	12/16/2003 11:15	
tert-Butylbenzene	ND	250	ug/Kg	12/16/2003 11:15	
<b>Surrogates(s)</b>					
4-Bromofluorobenzene	105.2	74-121	%	12/16/2003 11:15	
1,2-Dichloroethane-d4	100.8	70-121	%	12/16/2003 11:15	
Toluene-d8	107.2	81-117	%	12/16/2003 11:15	

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

12/22/2003 16:39

**Volatile Organic Compounds 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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/12/16-02.60**

LCS 2003/12/16-02.60-007

Extracted: 12/16/2003

Analyzed: 12/16/2003 10:07

LCSD 2003/12/16-02.60-041

Extracted: 12/16/2003

Analyzed: 12/16/2003 10:41

Compound	Conc. ug/Kg		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	9980	9420	10000	99.8	94.2	5.8	69-129	20		
Chlorobenzene	10500	10500	10000	105.0	105.0	0.0	61-121	20		
1,1-Dichloroethene	8740	8620	10000	87.4	86.2	1.4	65-125	20		
Toluene	10200	9430	10000	102.0	94.3	7.8	70-130	20		
Trichloroethene	9940	9010	10000	99.4	90.1	9.8	74-134	20		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene	260	256	250	104.0	102.4		74-121			
1,2-Dichloroethane-d4	235	268	250	94.0	107.2		70-121			
Toluene-d8	257	262	250	102.8	104.8		81-117			

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: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
T4-10.5	12/03/2003 11:30	Soil	8



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

San Joaquin Company, Inc.

Attn.: Dai Watkins

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

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5035 Test(s): 8260B  
Sample ID: T4-10.5 Lab ID: 2003-12-0190 - 8  
Sampled: 12/03/2003 11:30 Extracted: 12/15/2003 18:10  
Matrix: Soil QC Batch#: 2003/12/15-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Acetone	ND	50	ug/Kg	1.00	12/15/2003 18:10	
Benzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Bromodichloromethane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Bromobenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Bromochloromethane	ND	20	ug/Kg	1.00	12/15/2003 18:10	
Bromoform	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Bromomethane	ND	10	ug/Kg	1.00	12/15/2003 18:10	
2-Butanone(MEK)	ND	50	ug/Kg	1.00	12/15/2003 18:10	
n-Butylbenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
sec-Butylbenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
tert-Butylbenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Carbon disulfide	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Carbon tetrachloride	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Chlorobenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Chloroethane	ND	10	ug/Kg	1.00	12/15/2003 18:10	
2-Chloroethylvinyl ether	ND	50	ug/Kg	1.00	12/15/2003 18:10	cv
Chloroform	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Chloromethane	ND	10	ug/Kg	1.00	12/15/2003 18:10	
2-Chlorotoluene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
4-Chlorotoluene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Dibromochloromethane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,3-Dichloropropane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
2,2-Dichloropropane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,1-Dichloropropene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	1.00	12/15/2003 18:10	
1,2-Dibromoethane	ND	10	ug/Kg	1.00	12/15/2003 18:10	

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

12/16/2003 10:22

**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: 0004.081  
 Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	5035	Test(s):	8260B
Sample ID:	T4-10.5	Lab ID:	2003-12-0190 - 8
Sampled:	12/03/2003 11:30	Extracted:	12/15/2003 18:10
Matrix:	Soil	QC Batch#:	2003/12/15-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	1.00	12/15/2003 18:10	
Dichlorodifluoromethane	ND	10	ug/Kg	1.00	12/15/2003 18:10	
1,1-Dichloroethane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,2-Dichloroethane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,1-Dichloroethene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,2-Dichloropropane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Ethylbenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Hexachlorobutadiene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
2-Hexanone	ND	50	ug/Kg	1.00	12/15/2003 18:10	
Isopropylbenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
p-Isopropyltoluene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Methylene chloride	ND	10	ug/Kg	1.00	12/15/2003 18:10	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	1.00	12/15/2003 18:10	
Naphthalene	ND	10	ug/Kg	1.00	12/15/2003 18:10	
n-Propylbenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Styrene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Tetrachloroethene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Toluene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Trichloroethene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Trichlorofluoromethane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	

Severn Trent Laboratories, Inc.

12/16/2003 10:22

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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5035 Test(s): 8260B  
Sample ID: T4-10.5 Lab ID: 2003-12-0190 - 8  
Sampled: 12/03/2003 11:30 Extracted: 12/15/2003 18:10  
Matrix: Soil QC Batch#: 2003/12/15-01.60

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Vinyl acetate	ND	50	ug/Kg	1.00	12/15/2003 18:10	
Vinyl chloride	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
Total xylenes	ND	5.0	ug/Kg	1.00	12/15/2003 18:10	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	94.1	74-121	%	1.00	12/15/2003 18:10	
1,2-Dichloroethane-d4	101.9	70-121	%	1.00	12/15/2003 18:10	
Toluene-d8	99.6	81-117	%	1.00	12/15/2003 18:10	

**Volatile Organic Compounds by 8260B (Low 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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2003/12/15-01.60-005

Soil

Test(s): 8260B

QC Batch # 2003/12/15-01.60

Date Extracted: 12/15/2003 13:05

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/Kg	12/15/2003 13:05	
Acetone	ND	50	ug/Kg	12/15/2003 13:05	
Benzene	ND	5.0	ug/Kg	12/15/2003 13:05	
Bromodichloromethane	ND	5.0	ug/Kg	12/15/2003 13:05	
Bromobenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
Bromochloromethane	ND	20	ug/Kg	12/15/2003 13:05	
Bromoform	ND	5.0	ug/Kg	12/15/2003 13:05	
Bromomethane	ND	10	ug/Kg	12/15/2003 13:05	
2-Butanone(MEK)	ND	50	ug/Kg	12/15/2003 13:05	
n-Butylbenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
sec-Butylbenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
tert-Butylbenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
Carbon disulfide	ND	5.0	ug/Kg	12/15/2003 13:05	
Carbon tetrachloride	ND	5.0	ug/Kg	12/15/2003 13:05	
Chlorobenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
Chloroethane	ND	10	ug/Kg	12/15/2003 13:05	
2-Chloroethyl/vinyl ether	ND	50	ug/Kg	12/15/2003 13:05	
Chloroform	ND	5.0	ug/Kg	12/15/2003 13:05	
Chloromethane	ND	10	ug/Kg	12/15/2003 13:05	
2-Chlorotoluene	ND	5.0	ug/Kg	12/15/2003 13:05	
4-Chlorotoluene	ND	5.0	ug/Kg	12/15/2003 13:05	
Dibromochloromethane	ND	5.0	ug/Kg	12/15/2003 13:05	
1,2-Dichlorobenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
1,3-Dichlorobenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
1,4-Dichlorobenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
1,3-Dichloropropane	ND	5.0	ug/Kg	12/15/2003 13:05	
2,2-Dichloropropane	ND	5.0	ug/Kg	12/15/2003 13:05	
1,1-Dichloropropene	ND	5.0	ug/Kg	12/15/2003 13:05	
1,2-Dibromo-3-chloropropane	ND	50	ug/Kg	12/15/2003 13:05	
1,2-Dibromoethane	ND	10	ug/Kg	12/15/2003 13:05	

Severn Trent Laboratories, Inc.

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

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

12/16/2003 10:22

**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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2003/12/15-01.60-005

Soil

Test(s): 8260B

QC Batch # 2003/12/15-01.60

Date Extracted: 12/15/2003 13:05

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	10	ug/Kg	12/15/2003 13:05	
Dichlorodifluoromethane	ND	10	ug/Kg	12/15/2003 13:05	
1,1-Dichloroethane	ND	5.0	ug/Kg	12/15/2003 13:05	
1,2-Dichloroethane	ND	5.0	ug/Kg	12/15/2003 13:05	
1,1-Dichloroethene	ND	5.0	ug/Kg	12/15/2003 13:05	
cis-1,2-Dichloroethene	ND	5.0	ug/Kg	12/15/2003 13:05	
trans-1,2-Dichloroethene	ND	5.0	ug/Kg	12/15/2003 13:05	
1,2-Dichloropropane	ND	5.0	ug/Kg	12/15/2003 13:05	
cis-1,3-Dichloropropene	ND	5.0	ug/Kg	12/15/2003 13:05	
trans-1,3-Dichloropropene	ND	5.0	ug/Kg	12/15/2003 13:05	
Ethylbenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
Hexachlorobutadiene	ND	5.0	ug/Kg	12/15/2003 13:05	
2-Hexanone	ND	50	ug/Kg	12/15/2003 13:05	
Isopropylbenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
p-Isopropyltoluene	ND	5.0	ug/Kg	12/15/2003 13:05	
Methylene chloride	ND	10	ug/Kg	12/15/2003 13:05	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/Kg	12/15/2003 13:05	
Naphthalene	ND	10	ug/Kg	12/15/2003 13:05	
n-Propylbenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
Styrene	ND	5.0	ug/Kg	12/15/2003 13:05	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/Kg	12/15/2003 13:05	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/Kg	12/15/2003 13:05	
Tetrachloroethene	ND	5.0	ug/Kg	12/15/2003 13:05	
Toluene	ND	5.0	ug/Kg	12/15/2003 13:05	
1,2,3-Trichlorobenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
1,2,4-Trichlorobenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
1,1,1-Trichloroethane	ND	5.0	ug/Kg	12/15/2003 13:05	
1,1,2-Trichloroethane	ND	5.0	ug/Kg	12/15/2003 13:05	
Trichloroethene	ND	5.0	ug/Kg	12/15/2003 13:05	
Trichlorofluoromethane	ND	5.0	ug/Kg	12/15/2003 13:05	
Trichlorotrifluoroethane	ND	5.0	ug/Kg	12/15/2003 13:05	

Sewern Trent Laboratories, Inc.

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12/16/2003 10:22

**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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5035

Method Blank

MB: 2003/12/15-01.60-005

Soil

Test(s): 8260B

QC Batch # 2003/12/15-01.60

Date Extracted: 12/15/2003 13:05

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
1,3,5-Trimethylbenzene	ND	5.0	ug/Kg	12/15/2003 13:05	
Vinyl acetate	ND	50	ug/Kg	12/15/2003 13:05	
Vinyl chloride	ND	5.0	ug/Kg	12/15/2003 13:05	
Total xylenes	ND	5.0	ug/Kg	12/15/2003 13:05	
<b>Surrogates(s)</b>					
4-Bromofluorobenzene	92.2	74-121	%	12/15/2003 13:05	
1,2-Dichloroethane-d4	114.4	70-121	%	12/15/2003 13:05	
Toluene-d8	101.8	81-117	%	12/15/2003 13:05	

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

San Joaquin Company, Inc.

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

Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5035

Test(s): 8260B

**Laboratory Control Spike**

**Soil**

**QC Batch # 2003/12/15-01.60**

LCS 2003/12/15-01.60-057

Extracted: 12/15/2003

Analyzed: 12/15/2003 11:57

LCSD 2003/12/15-01.60-031

Extracted: 12/15/2003

Analyzed: 12/15/2003 12:31

Compound	Conc. ug/Kg		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	90.8	93.5	100.0	90.8	93.5	2.9	69-129	20		
Chlorobenzene	104	107	100.0	104.0	107.0	2.8	61-121	20		
1,1-Dichloroethene	78.5	80.7	100.0	78.5	80.7	2.8	65-125	20		
Toluene	90.3	99.0	100.0	90.3	99.0	9.2	70-130	20		
Trichloroethene	84.5	89.2	100.0	84.5	89.2	5.4	74-134	20		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene	456	481	500	91.2	96.2		74-121			
1,2-Dichloroethane-d4	512	512	500	102.4	102.4		70-121			
Toluene-d8	468	489	500	93.6	97.8		81-117			

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12/16/2003 10:22

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

San Joaquin Company, Inc.

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1120 Hollywood Ave, Suite 3

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

Project: 0004.081

Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

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**Legend and Notes**

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**Result Flag**

cv

CCV recovery for 2-Chloroethylvinylether was below acceptance criteria. Result reported for this analyte is estimated.



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

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Oakland, CA 94602-1459

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

Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

**Samples Reported**

Sample Name	Date Sampled	Matrix	Lab #
T3-W	12/03/2003 15:00	Water	7
T7-W	12/02/2003 16:30	Water	12

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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5030B Test(s): 8260B  
Sample ID: T3-W Lab ID: 2003-12-0190 - 7  
Sampled: 12/03/2003 15:00 Extracted: 12/16/2003 09:07  
Matrix: Water QC Batch#: 2003/12/16-01.09  
Analysis Flag: o ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	50	ug/L	10.00	12/16/2003 09:07	
Acetone	ND	500	ug/L	10.00	12/16/2003 09:07	
Benzene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Bromodichloromethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Bromobenzene	ND	10	ug/L	10.00	12/16/2003 09:07	
Bromochloromethane	ND	10	ug/L	10.00	12/16/2003 09:07	
Bromoform	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Bromomethane	ND	10	ug/L	10.00	12/16/2003 09:07	
2-Butanone(MEK)	ND	500	ug/L	10.00	12/16/2003 09:07	
n-Butylbenzene	100	10	ug/L	10.00	12/16/2003 09:07	
sec-Butylbenzene	47	10	ug/L	10.00	12/16/2003 09:07	
tert-Butylbenzene	ND	10	ug/L	10.00	12/16/2003 09:07	
Carbon disulfide	ND	50	ug/L	10.00	12/16/2003 09:07	
Carbon tetrachloride	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Chlorobenzene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Chloroethane	ND	10	ug/L	10.00	12/16/2003 09:07	
2-Chloroethylvinyl ether	ND	50	ug/L	10.00	12/16/2003 09:07	
Chloroform	ND	10	ug/L	10.00	12/16/2003 09:07	
Chloromethane	ND	10	ug/L	10.00	12/16/2003 09:07	
2-Chlorotoluene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
4-Chlorotoluene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Dibromochloromethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,2-Dichlorobenzene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,3-Dichlorobenzene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,4-Dichlorobenzene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,3-Dichloropropane	ND	10	ug/L	10.00	12/16/2003 09:07	
2,2-Dichloropropane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,1-Dichloropropene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,2-Dibromo-3-chloropropane	ND	10	ug/L	10.00	12/16/2003 09:07	

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12/22/2003 16:40

**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: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s): 5030B	Test(s): 8260B
Sample ID: T3-W	Lab ID: 2003-12-0190 - 7
Sampled: 12/03/2003 15:00	Extracted: 12/16/2003 09:07
Matrix: Water	QC Batch#: 2003/12/16-01.09
Analysis Flag: o ( See Legend and Note Section )	

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dibromoethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Dibromomethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Dichlorodifluoromethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,1-Dichloroethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,2-Dichloroethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,1-Dichloroethene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
cis-1,2-Dichloroethene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
trans-1,2-Dichloroethene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,2-Dichloropropane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
cis-1,3-Dichloropropene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
trans-1,3-Dichloropropene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Ethylbenzene	31	5.0	ug/L	10.00	12/16/2003 09:07	
Hexachlorobutadiene	ND	10	ug/L	10.00	12/16/2003 09:07	
2-Hexanone	ND	500	ug/L	10.00	12/16/2003 09:07	
Isopropylbenzene	87	5.0	ug/L	10.00	12/16/2003 09:07	
p-Isopropyltoluene	23	10	ug/L	10.00	12/16/2003 09:07	
Methylene chloride	ND	50	ug/L	10.00	12/16/2003 09:07	
4-Methyl-2-pentanone (MIBK)	ND	500	ug/L	10.00	12/16/2003 09:07	
Naphthalene	12	10	ug/L	10.00	12/16/2003 09:07	
n-Propylbenzene	230	10	ug/L	10.00	12/16/2003 09:07	
Styrene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Tetrachloroethene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Toluene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,2,3-Trichlorobenzene	ND	10	ug/L	10.00	12/16/2003 09:07	
1,2,4-Trichlorobenzene	ND	10	ug/L	10.00	12/16/2003 09:07	
1,1,1-Trichloroethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,1,2-Trichloroethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	

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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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s): 5030B Test(s): 8260B  
Sample ID: T3-W Lab ID: 2003-12-0190 - 7  
Sampled: 12/03/2003 15:00 Extracted: 12/16/2003 09:07  
Matrix: Water QC Batch#: 2003/12/16-01.09  
Analysis Flag: o ( See Legend and Note Section )

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichloroethene	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Trichlorofluoromethane	ND	10	ug/L	10.00	12/16/2003 09:07	
Trichlorotrifluoroethane	ND	5.0	ug/L	10.00	12/16/2003 09:07	
1,2,4-Trimethylbenzene	320	5.0	ug/L	10.00	12/16/2003 09:07	
1,3,5-Trimethylbenzene	110	5.0	ug/L	10.00	12/16/2003 09:07	
Vinyl acetate	ND	250	ug/L	10.00	12/16/2003 09:07	
Vinyl chloride	ND	5.0	ug/L	10.00	12/16/2003 09:07	
Total xylenes	30	10	ug/L	10.00	12/16/2003 09:07	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	96.1	86-115	%	10.00	12/16/2003 09:07	
1,2-Dichloroethane-d4	91.4	76-114	%	10.00	12/16/2003 09:07	
Toluene-d8	99.1	88-110	%	10.00	12/16/2003 09:07	

## 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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	5030B	Test(s):	8260B
Sample ID:	T7-W	Lab ID:	2003-12-0190 - 12
Sampled:	12/02/2003 16:30	Extracted:	12/16/2003 10:05
Matrix:	Water	QC Batch#:	2003/12/16-01:09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
MTBE	ND	5.0	ug/L	1.00	12/16/2003 10:05	
Acetone	ND	50	ug/L	1.00	12/16/2003 10:05	
Benzene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Bromodichloromethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Bromobenzene	ND	1.0	ug/L	1.00	12/16/2003 10:05	
Bromochloromethane	ND	1.0	ug/L	1.00	12/16/2003 10:05	
Bromoform	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Bromomethane	ND	1.0	ug/L	1.00	12/16/2003 10:05	
2-Butanone(MEK)	ND	50	ug/L	1.00	12/16/2003 10:05	
n-Butylbenzene	ND	1.0	ug/L	1.00	12/16/2003 10:05	
sec-Butylbenzene	ND	1.0	ug/L	1.00	12/16/2003 10:05	
tert-Butylbenzene	ND	1.0	ug/L	1.00	12/16/2003 10:05	
Carbon disulfide	ND	5.0	ug/L	1.00	12/16/2003 10:05	
Carbon tetrachloride	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Chlorobenzene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Chloroethane	ND	1.0	ug/L	1.00	12/16/2003 10:05	
2-Chloroethylvinyl ether	ND	5.0	ug/L	1.00	12/16/2003 10:05	
Chloroform	ND	1.0	ug/L	1.00	12/16/2003 10:05	
Chloromethane	ND	1.0	ug/L	1.00	12/16/2003 10:05	
2-Chlorotoluene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
4-Chlorotoluene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Dibromochloromethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,3-Dichloropropane	ND	1.0	ug/L	1.00	12/16/2003 10:05	
2,2-Dichloropropane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,1-Dichloropropene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	1.00	12/16/2003 10:05	
1,2-Dibromoethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	

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12/22/2003 16:40

## 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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Prep(s):	5030B	Test(s):	8260B
Sample ID:	T7-W	Lab ID:	2003-12-0190 - 12
Sampled:	12/02/2003 16:30	Extracted:	12/16/2003 10:05
Matrix:	Water	QC Batch#:	2003/12/16-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dibromomethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Dichlorodifluoromethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Ethylbenzene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Hexachlorobutadiene	ND	1.0	ug/L	1.00	12/16/2003 10:05	
2-Hexanone	ND	50	ug/L	1.00	12/16/2003 10:05	
Isopropylbenzene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
p-Isopropyltoluene	ND	1.0	ug/L	1.00	12/16/2003 10:05	
Methylene chloride	ND	5.0	ug/L	1.00	12/16/2003 10:05	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	1.00	12/16/2003 10:05	
Naphthalene	ND	1.0	ug/L	1.00	12/16/2003 10:05	
n-Propylbenzene	ND	1.0	ug/L	1.00	12/16/2003 10:05	
Styrene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Tetrachloroethene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Toluene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1.00	12/16/2003 10:05	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1.00	12/16/2003 10:05	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Trichloroethene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	12/16/2003 10:05	

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12/22/2003 16:40

**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: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

Prep(s):	5030B	Test(s):	8260B
Sample ID:	T7-W	Lab ID:	2003-12-0190 - 12
Sampled:	12/02/2003 16:30	Extracted:	12/16/2003 10:05
Matrix:	Water	QC Batch#:	2003/12/16-01.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,2,4-Trimethylbenzene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
1,3,5-Trimethylbenzene	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Vinyl acetate	ND	25	ug/L	1.00	12/16/2003 10:05	
Vinyl chloride	ND	0.50	ug/L	1.00	12/16/2003 10:05	
Total xylenes	ND	1.0	ug/L	1.00	12/16/2003 10:05	
<b>Surrogate(s)</b>						
4-Bromofluorobenzene	93.8	86-115	%	1.00	12/16/2003 10:05	
1,2-Dichloroethane-d4	100.1	76-114	%	1.00	12/16/2003 10:05	
Toluene-d8	96.7	88-110	%	1.00	12/16/2003 10:05	

**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: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

Batch QC Report		
Prep(s): 5030B		Test(s): 8260B
Method Blank	Water	QC Batch # 2003/12/16-01.09
MB: 2003/12/16-01.09-004		Date Extracted: 12/16/2003 07:56

Compound	Conc.	RL	Unit	Analyzed	Flag
MTBE	ND	5.0	ug/L	12/16/2003 07:56	
Acetone	ND	50	ug/L	12/16/2003 07:56	
Benzene	ND	0.5	ug/L	12/16/2003 07:56	
Bromodichloromethane	ND	0.5	ug/L	12/16/2003 07:56	
Bromobenzene	ND	1.0	ug/L	12/16/2003 07:56	
Bromochloromethane	ND	1.0	ug/L	12/16/2003 07:56	
Bromoform	ND	0.5	ug/L	12/16/2003 07:56	
Bromomethane	ND	1.0	ug/L	12/16/2003 07:56	
2-Butanone(MEK)	ND	50	ug/L	12/16/2003 07:56	
n-Butylbenzene	ND	1.0	ug/L	12/16/2003 07:56	
sec-Butylbenzene	ND	1.0	ug/L	12/16/2003 07:56	
tert-Butylbenzene	ND	1.0	ug/L	12/16/2003 07:56	
Carbon disulfide	ND	5.0	ug/L	12/16/2003 07:56	
Carbon tetrachloride	ND	0.5	ug/L	12/16/2003 07:56	
Chlorobenzene	ND	0.5	ug/L	12/16/2003 07:56	
Chloroethane	ND	1.0	ug/L	12/16/2003 07:56	
2-Chloroethylvinyl ether	ND	5.0	ug/L	12/16/2003 07:56	
Chloroform	ND	1.0	ug/L	12/16/2003 07:56	
Chloromethane	ND	1.0	ug/L	12/16/2003 07:56	
2-Chlorotoluene	ND	0.5	ug/L	12/16/2003 07:56	
4-Chlorotoluene	ND	0.5	ug/L	12/16/2003 07:56	
Dibromochloromethane	ND	0.5	ug/L	12/16/2003 07:56	
1,2-Dichlorobenzene	ND	0.5	ug/L	12/16/2003 07:56	
1,3-Dichlorobenzene	ND	0.5	ug/L	12/16/2003 07:56	
1,4-Dichlorobenzene	ND	0.5	ug/L	12/16/2003 07:56	
1,3-Dichloropropane	ND	1.0	ug/L	12/16/2003 07:56	
2,2-Dichloropropane	ND	0.5	ug/L	12/16/2003 07:56	
1,1-Dichloropropene	ND	0.5	ug/L	12/16/2003 07:56	
1,2-Dibromo-3-chloropropane	ND	1.0	ug/L	12/16/2003 07:56	
1,2-Dibromoethane	ND	0.5	ug/L	12/16/2003 07:56	

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

12/22/2003 16:40



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

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Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2003/12/16-01.09

MB: 2003/12/16-01.09-004

Date Extracted: 12/16/2003 07:56

Compound	Conc.	RL	Unit	Analyzed	Flag
Dibromomethane	ND	0.5	ug/L	12/16/2003 07:56	
Dichlorodifluoromethane	ND	0.5	ug/L	12/16/2003 07:56	
1,1-Dichloroethane	ND	0.5	ug/L	12/16/2003 07:56	
1,2-Dichloroethane	ND	0.5	ug/L	12/16/2003 07:56	
1,1-Dichloroethene	ND	0.5	ug/L	12/16/2003 07:56	
cis-1,2-Dichloroethene	ND	0.5	ug/L	12/16/2003 07:56	
trans-1,2-Dichloroethene	ND	0.5	ug/L	12/16/2003 07:56	
1,2-Dichloropropane	ND	0.5	ug/L	12/16/2003 07:56	
cis-1,3-Dichloropropene	ND	0.5	ug/L	12/16/2003 07:56	
trans-1,3-Dichloropropene	ND	0.5	ug/L	12/16/2003 07:56	
Ethylbenzene	ND	0.5	ug/L	12/16/2003 07:56	
Hexachlorobutadiene	ND	1.0	ug/L	12/16/2003 07:56	
2-Hexanone	ND	50	ug/L	12/16/2003 07:56	
Isopropylbenzene	ND	0.5	ug/L	12/16/2003 07:56	
p-Isopropyltoluene	ND	1.0	ug/L	12/16/2003 07:56	
Methylene chloride	ND	5.0	ug/L	12/16/2003 07:56	
4-Methyl-2-pentanone (MIBK)	ND	50	ug/L	12/16/2003 07:56	
Naphthalene	ND	1.0	ug/L	12/16/2003 07:56	
n-Propylbenzene	ND	1.0	ug/L	12/16/2003 07:56	
Styrene	ND	0.5	ug/L	12/16/2003 07:56	
1,1,1,2-Tetrachloroethane	ND	0.5	ug/L	12/16/2003 07:56	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	12/16/2003 07:56	
Tetrachloroethene	ND	0.5	ug/L	12/16/2003 07:56	
Toluene	ND	0.5	ug/L	12/16/2003 07:56	
1,2,3-Trichlorobenzene	ND	1.0	ug/L	12/16/2003 07:56	
1,2,4-Trichlorobenzene	ND	1.0	ug/L	12/16/2003 07:56	
1,1,1-Trichloroethane	ND	0.5	ug/L	12/16/2003 07:56	
1,1,2-Trichloroethane	ND	0.5	ug/L	12/16/2003 07:56	
Trichloroethene	ND	0.5	ug/L	12/16/2003 07:56	
Trichlorofluoromethane	ND	1.0	ug/L	12/16/2003 07:56	
Trichlorotrifluoroethane	ND	0.5	ug/L	12/16/2003 07:56	

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12/22/2003 16:40

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

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Project: 0004.081

Received: 12/04/2003 16:55

Bay Rock Emeryville Corners

## Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method: Blank

Water

QC Batch # 2003/12/16-01.09

MB: 2003/12/16-01.09-004

Date Extracted: 12/16/2003 07:56

Compound	Conc.	RL	Unit	Analyzed	Flag
1,2,4-Trimethylbenzene	ND	0.5	ug/L	12/16/2003 07:56	
1,3,5-Trimethylbenzene	ND	0.5	ug/L	12/16/2003 07:56	
Vinyl acetate	ND	25	ug/L	12/16/2003 07:56	
Vinyl chloride	ND	0.5	ug/L	12/16/2003 07:56	
Total xylenes	ND	1.0	ug/L	12/16/2003 07:56	
<b>Surrogates(s)</b>					
4-Bromofluorobenzene	101.1	86-115	%	12/16/2003 07:56	
1,2-Dichloroethane-d4	98.6	76-114	%	12/16/2003 07:56	
Toluene-d8	97.3	88-110	%	12/16/2003 07:56	

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

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Project: 0004.081  
Bay Rock Emeryville Corners

Received: 12/04/2003 16:55

**Batch QC Report**

Prep(s): 5030B

Test(s): 8260B

**Laboratory Control Spike**

**Water**

**QC Batch # 2003/12/16-01.09**

LCS 2003/12/16-01.09-002

Extracted: 12/16/2003

Analyzed: 12/16/2003 06:56

LCSD 2003/12/16-01.09-003

Extracted: 12/16/2003

Analyzed: 12/16/2003 07:31

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	19.0	19.4	20.0	95.0	97.0	2.1	69-129	20		
Chlorobenzene	20.3	21.1	20.0	101.5	105.5	3.9	61-121	20		
1,1-Dichloroethene	17.6	17.0	20.0	88.0	85.0	3.5	65-125	20		
Toluene	18.8	19.4	20.0	94.0	97.0	3.1	70-130	20		
Trichloroethene	20.3	20.0	20.0	101.5	100.0	1.5	74-134	20		
<b>Surrogates(s)</b>										
4-Bromofluorobenzene	474	474	500	94.8	94.8		86-115			
1,2-Dichloroethane-d4	481	502	500	96.2	100.4		76-114			
Toluene-d8	477	488	500	95.4	97.6		88-110			

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Bay Rock Emeryville Corners

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Legend and Notes

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Analysis Flag

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

