

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

**RECEIVED**

3:25 pm, Aug 31, 2009

Alameda County  
Environmental Health

## REMEDIATION REPORT

Oak Walk Redevelopment Site  
Emeryville, California



*for*

**Bay Rock Oaks, LLC**

**VOLUME III of IV**

August 2009

Project No.: 0004.086

## APPENDIX F

Certificates of Analysis September 24, 2007-  
February 10, 2009

## ANALYTICAL REPORT

Job Number: 720-10968-1

Job Description: Bay Rock Oak Walk Emeryville

For:

San Joaquin Company Inc  
1120 Hollywood Ave Suite 3  
Oakland, CA 94602-1459  
Attention: Mr. Dai Watkins

*Surinder Sidhu*

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Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
10/02/2007

**Job Narrative**  
**720-J10968-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-10968-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10968-1</b>	<b>T-10W</b>				
Gasoline Range Organics (GRO)-C5-C12		70000	5000	ug/L	8260B
Diesel Range Organics [C10-C28]		6100	200	ug/L	8015B
Mineral Spirit Range Organics [C9-C13]		9100	200	ug/L	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10968-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Water</b>			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge-and-Trap	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	TAL SF		SW846 3510C

### Lab References:

TAL SF = TestAmerica San Francisco

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## SAMPLE SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10968-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10968-1	T-10W	Water	09/24/2007 1405	09/25/2007 0918

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10968-1

Client Sample ID: T-10W

Lab Sample ID: 720-10968-1

Client Matrix: Water

Date Sampled: 09/24/2007 1405

Date Received: 09/25/2007 0918

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### 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-26912

Instrument ID: Saturn 2100

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 100

Initial Weight/Volume: 10 mL

Date Analyzed: 10/02/2007 1606

Final Weight/Volume: 10 mL

Date Prepared: 10/02/2007 1606

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		50
Ethylbenzene	ND		50
MTBE	ND		50
TAME	ND		50
Toluene	ND		50
Xylenes, Total	ND		100
TBA	ND		500
DIPE	ND		100
Gasoline Range Organics (GRO)-C5-C12	70000		5000
Ethyl tert-butyl ether	ND		50
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	102		77 - 121
1,2-Dichloroethane-d4 (Surr)	92		73 - 130



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10968-1

**Client Sample ID: T-10W**

Lab Sample ID: 720-10968-1  
Client Matrix: Water

Date Sampled: 09/24/2007 1405  
Date Received: 09/25/2007 0918

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26678	Instrument ID: HP DRO5
Preparation:	3510C	Prep Batch: 720-26636	Lab File ID: N/A
Dilution:	4.0		Initial Weight/Volume: 250 mL
Date Analyzed:	09/27/2007 1210		Final Weight/Volume: 1 mL
Date Prepared:	09/25/2007 1656		Injection Volume:
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	6100		200
Mineral Spirit Range Organics [C9-C13]	9100		200
Surrogate	%Rec		Acceptance Limits
p-Terphenyl	74		50 - 150

## DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10968-1

## QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-26912</b>					
LCS 720-26912/2	Lab Control Spike	T	Water	8260B	
LCSD 720-26912/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-26912/3	Method Blank	T	Water	8260B	
720-10968-1	T-10W	T	Water	8260B	

### Report Basis

T = Total

## GC Semi VOA

<b>Prep Batch: 720-26636</b>					
LCS 720-26636/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-26636/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-26636/1-A	Method Blank	T	Water	3510C	
720-10968-1	T-10W	T	Water	3510C	
<b>Analysis Batch:720-26678</b>					
LCS 720-26636/2-A	Lab Control Spike	T	Water	8015B	720-26636
LCSD 720-26636/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-26636
MB 720-26636/1-A	Method Blank	T	Water	8015B	720-26636
720-10968-1	T-10W	T	Water	8015B	720-26636

### Report Basis

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10968-1

### Method Blank - Batch: 720-26912

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 720-26912/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/02/2007 1038  
Date Prepared: 10/02/2007 1038

Analysis Batch: 720-26912  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 2100  
Lab File ID: c:\saturnws\data\200710\1C  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	98	77 - 121	
1,2-Dichloroethane-d4 (Surr)	89	73 - 130	

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10968-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26912**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-26912/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/02/2007 0944  
Date Prepared: 10/02/2007 0944

Analysis Batch: 720-26912  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 2100  
Lab File ID: c:\saturmws\data\200710\10C  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-26912/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/02/2007 1011  
Date Prepared: 10/02/2007 1011

Analysis Batch: 720-26912  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 2100  
Lab File ID: c:\saturmws\data\200710\10C  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	97	97	69 - 129	0	20		
MTBE	92	89	65 - 165	3	20		
Toluene	97	99	70 - 130	2	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	96		96		77 - 121		
1,2-Dichloroethane-d4 (Surr)	82		84		73 - 130		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10968-1

**Method Blank - Batch: 720-26636**

Lab Sample ID: MB 720-26636/1-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 09/26/2007 1101  
 Date Prepared: 09/25/2007 1656

Analysis Batch: 720-26678  
 Prep Batch: 720-26636  
 Units: ug/L

**Method: 8015B  
 Preparation: 3510C**

Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 250 mL  
 Final Weight/Volume: 1 mL  
 Injection Volume:  
 Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Mineral Spirit Range Organics [C9-C13]	ND		50
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	78	50 - 150	

**Lab Control Spike/  
 Lab Control Spike Duplicate Recovery Report - Batch: 720-26636**

LCS Lab Sample ID: LCS 720-26636/2-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 09/26/2007 1101  
 Date Prepared: 09/25/2007 1656

Analysis Batch: 720-26678  
 Prep Batch: 720-26636  
 Units: ug/L

**Method: 8015B  
 Preparation: 3510C**

Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 250 mL  
 Final Weight/Volume: 1 mL  
 Injection Volume:  
 Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-26636/3-A  
 Client Matrix: Water  
 Dilution: 1.0  
 Date Analyzed: 09/26/2007 1128  
 Date Prepared: 09/25/2007 1656

Analysis Batch: 720-26678  
 Prep Batch: 720-26636  
 Units: ug/L

Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 250 mL  
 Final Weight/Volume: 1 mL  
 Injection Volume:  
 Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	83	80	50 - 130	3	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	83		77		50 - 150		

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

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below: **720-10968**

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

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

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.085** Project Mgr.: **DJW**  
Sampling Team: **DJW/HBD**

LABORATORY: **TestAmerica**  
CARRIER: **THE SAN JOAQUIN COMPANY INC.**

WAYBILL NO.:           N/A          

SITE GLOBAL I.D. NO.: T06019705080

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
T-10W	water	T-10	n/a	n/a	09/24/07	14:05	Analyze all samples for: TPH(g)+BTEX+ TBA, MTBE, DIPE, ETBE & TAME  TPH(d) + Mineral Spirits	

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Sample Hazards: Low to high concentrations of fuel hydrocarbons and solvents Priority: Routine  Expedited  Special  **20**

Notes: Pricing per Bay Rock Emeryville Agreement.

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	<i>DAI WALKINS</i>	San Joaquin Co	—	—	09/25/07	09:18	<i>[Signature]</i>
Received/ Relinquished by:							
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:	<i>Jean Muller</i>	TACSF	9-25-07	918	—	—	<i>Jean Muller</i>

## ANALYTICAL REPORT

Job Number: 720-10993-1

Job Description: Bay Rock Oak Walk Emeryville

For:

San Joaquin Company Inc  
1120 Hollywood Ave Suite 3  
Oakland, CA 94602-1459  
Attention: Mr. Dai Watkins

*Surinder Sidhu*

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Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
10/04/2007



**Job Narrative**  
**720-J10993-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 26947 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Method 8260B: Due to the level of dilution required for the following sample, surrogate recoveries are not reported: 720-10993-a-3.

No other analytical or quality issues were noted.

**GC VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-10993-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10993-1</b>	<b>T-10-S100-D5.0</b>				
Diesel Range Organics [C10-C28]		2.3	1.0	mg/Kg	8015B
<b>720-10993-3</b>	<b>T-10-S100-D15.0</b>				
Gasoline Range Organics (GRO)-C5-C12		4200	110	mg/Kg	8260B
Diesel Range Organics [C10-C28]		820	10	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		1300	10	mg/Kg	8015B
<b>720-10993-4</b>	<b>T-10-S125-D5.0</b>				
Diesel Range Organics [C10-C28]		2.9	1.0	mg/Kg	8015B
<b>720-10993-6</b>	<b>T-10-S125-D15.0</b>				
Gasoline Range Organics (GRO)-C5-C12		2.1	0.24	mg/Kg	8260B
<b>720-10993-7</b>	<b>T-10-S150-D5.0</b>				
Gasoline Range Organics (GRO)-C5-C12		2.6	0.24	mg/Kg	8260B
Diesel Range Organics [C10-C28]		6.2	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		2.2	1.0	mg/Kg	8015B
<b>720-10993-9</b>	<b>T-10-S150-D15.0</b>				
Gasoline Range Organics (GRO)-C5-C12		1700	48	mg/Kg	8260B
Diesel Range Organics [C10-C28]		420	5.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		550	5.0	mg/Kg	8015B
<b>720-10993-10</b>	<b>T-10-S150-D19.0</b>				
Gasoline Range Organics (GRO)-C5-C12		6.9	0.25	mg/Kg	8260B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10993-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Solid</b>			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge and Trap for Methanol Extractions	TAL SF		SW846 5030B
Purge and Trap for Solids	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B

### Lab References:

TAL SF = TestAmerica San Francisco

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## SAMPLE SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10993-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10993-1	T-10-S100-D5.0	Solid	09/25/2007 0715	09/26/2007 1007
720-10993-2	T-10-S100-D10.0	Solid	09/25/2007 0745	09/26/2007 1007
720-10993-3	T-10-S100-D15.0	Solid	09/25/2007 0800	09/26/2007 1007
720-10993-4	T-10-S125-D5.0	Solid	09/25/2007 0930	09/26/2007 1007
720-10993-5	T-10-S125-D10.0	Solid	09/25/2007 0945	09/26/2007 1007
720-10993-6	T-10-S125-D15.0	Solid	09/25/2007 1000	09/26/2007 1007
720-10993-7	T-10-S150-D5.0	Solid	09/25/2007 1115	09/26/2007 1007
720-10993-8	T-10-S150-D10.0	Solid	09/25/2007 1140	09/26/2007 1007
720-10993-9	T-10-S150-D15.0	Solid	09/25/2007 1155	09/26/2007 1007
720-10993-10	T-10-S150-D19.0	Solid	09/25/2007 1215	09/26/2007 1007

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S100-D5.0**

Lab Sample ID: 720-10993-1  
Client Matrix: Solid

Date Sampled: 09/25/2007 0715  
Date Received: 09/26/2007 1007

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### 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-26781 Instrument ID: Varian 3900E  
Preparation: 5030B Prep Batch: 720-26693 Lab File ID: c:\varianws\data\200709\09  
Dilution: 1.0 Initial Weight/Volume: 5.14 g  
Date Analyzed: 09/27/2007 1431 Final Weight/Volume: 10.00 mL  
Date Prepared: 09/27/2007 0718

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Ethylbenzene		ND		0.0049
Toluene		ND		0.0049
Xylenes, Total		ND		0.0097
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		95		70 - 130
1,2-Dichloroethane-d4 (Surr)		101		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S100-D10.0**

Lab Sample ID: 720-10993-2

Date Sampled: 09/25/2007 0745

Client Matrix: Solid

Date Received: 09/26/2007 1007

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### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26781	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-26693	Lab File ID: c:\varianws\data\200709\09
Dilution:	1.0		Initial Weight/Volume: 5.40 g
Date Analyzed:	09/27/2007 1611		Final Weight/Volume: 10.00 mL
Date Prepared:	09/27/2007 0718		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0046
Ethylbenzene		ND		0.0046
Toluene		ND		0.0046
Xylenes, Total		ND		0.0093
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		91		70 - 130
1,2-Dichloroethane-d4 (Surr)		104		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

Client Sample ID: T-10-S100-D15.0

Lab Sample ID: 720-10993-3

Date Sampled: 09/25/2007 0800

Client Matrix: Solid

Date Received: 09/26/2007 1007

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-26976 Instrument ID: Varian 3900E  
Preparation: 5030B-Medium Prep Batch: 720-26804 Lab File ID: c:\varianws\data\200710\10  
Dilution: 500 Initial Weight/Volume: 5.45 g  
Date Analyzed: 10/03/2007 1125 Final Weight/Volume: 10 mL  
Date Prepared: 09/27/2007 0000

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		2.3
Ethylbenzene		ND		2.3
Toluene		ND		2.3
MTBE		ND		2.3
Xylenes, Total		ND		4.6
Gasoline Range Organics (GRO)-C5-C12		4200		110
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		133	X	50 - 130
1,2-Dichloroethane-d4 (Surr)		107		60 - 140





## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S125-D10.0**

Lab Sample ID: 720-10993-5  
 Client Matrix: Solid

Date Sampled: 09/25/2007 0945  
 Date Received: 09/26/2007 1007

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26841	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-26758	Lab File ID: c:\varianws\data\200709\09
Dilution:	1.0		Initial Weight/Volume: 5.00 g
Date Analyzed:	09/28/2007 1039		Final Weight/Volume: 10.00 mL
Date Prepared:	09/28/2007 0735		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0050
Ethylbenzene		ND		0.0050
Toluene		ND		0.0050
Xylenes, Total		ND		0.010
Gasoline Range Organics (GRO)-C5-C12		ND		0.25
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		93		70 - 130
1,2-Dichloroethane-d4 (Surr)		87		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S125-D15.0**

Lab Sample ID: 720-10993-6  
Client Matrix: Solid

Date Sampled: 09/25/2007 1000  
Date Received: 09/26/2007 1007

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## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-26781 Instrument ID: Varian 3900E  
Preparation: 5030B Prep Batch: 720-26693 Lab File ID: c:\varianws\data\200709\09  
Dilution: 1.0 Initial Weight/Volume: 5.18 g  
Date Analyzed: 09/27/2007 1814 Final Weight/Volume: 10.00 mL  
Date Prepared: 09/27/2007 0718

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Ethylbenzene		ND		0.0048
Toluene		ND		0.0048
Xylenes, Total		ND		0.0097
Gasoline Range Organics (GRO)-C5-C12		2.1		0.24
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		96		70 - 130
1,2-Dichloroethane-d4 (Surr)		91		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S150-D5.0**

Lab Sample ID: 720-10993-7

Date Sampled: 09/25/2007 1115

Client Matrix: Solid

Date Received: 09/26/2007 1007

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### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26781	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-26693	Lab File ID: c:\varianws\data\200709\09
Dilution:	1.0		Initial Weight/Volume: 5.18 g
Date Analyzed:	09/27/2007 1837		Final Weight/Volume: 10.00 mL
Date Prepared:	09/27/2007 0718		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Ethylbenzene		ND		0.0048
Toluene		ND		0.0048
Xylenes, Total		ND		0.0097
Gasoline Range Organics (GRO)-C5-C12		2.6		0.24
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		90		70 - 130
1,2-Dichloroethane-d4 (Surr)		97		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

Client Sample ID: T-10-S150-D10.0

Lab Sample ID: 720-10993-8

Date Sampled: 09/25/2007 1140

Client Matrix: Solid

Date Received: 09/26/2007 1007

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26841	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-26758	Lab File ID: c:\varianws\data\200709\09
Dilution:	1.0		Initial Weight/Volume: 5.13 g
Date Analyzed:	09/28/2007 1102		Final Weight/Volume: 10.00 mL
Date Prepared:	09/28/2007 0735		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Ethylbenzene		ND		0.0049
Toluene		ND		0.0049
Xylenes, Total		ND		0.0097
Gasoline Range Organics (GRO)-C5-C12		ND		0.24

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	70 - 130
1,2-Dichloroethane-d4 (Surr)	117	60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S150-D15.0**

Lab Sample ID: 720-10993-9  
Client Matrix: Solid

Date Sampled: 09/25/2007 1155  
Date Received: 09/26/2007 1007

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### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26896	Instrument ID: Varian 3900E
Preparation:	5030B-Medium	Prep Batch: 720-26821	Lab File ID: c:\varianws\data\200710\10
Dilution:	200		Initial Weight/Volume: 5.26 g
Date Analyzed:	10/01/2007 1706		Final Weight/Volume: 10.00 mL
Date Prepared:	10/01/2007 0834		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.95
Ethylbenzene		ND		0.95
Toluene		ND		0.95
Xylenes, Total		ND		1.9
Gasoline Range Organics (GRO)-C5-C12		1700		48

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	93	50 - 130
1,2-Dichloroethane-d4 (Surr)	79	60 - 140

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID:** T-10-S150-D19.0

Lab Sample ID: 720-10993-10

Date Sampled: 09/25/2007 1215

Client Matrix: Solid

Date Received: 09/26/2007 1007

**8260B Volatile Organic Compounds by GC/MS**

Method: 8260B

Analysis Batch: 720-26841

Instrument ID: Varian 3900E

Preparation: 5030B

Prep Batch: 720-26758

Lab File ID: c:\varianws\data\200709\09

Dilution: 1.0

Initial Weight/Volume: 5.00 g

Date Analyzed: 09/28/2007 1148

Final Weight/Volume: 10.00 mL

Date Prepared: 09/28/2007 0735

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0050
Ethylbenzene		ND		0.0050
Toluene		ND		0.0050
Xylenes, Total		ND		0.010
Gasoline Range Organics (GRO)-C5-C12		6.9		0.25
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		94		70 - 130
1,2-Dichloroethane-d4 (Surr)		95		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S100-D5.0**

Lab Sample ID: 720-10993-1

Date Sampled: 09/25/2007 0715

Client Matrix: Solid

Date Received: 09/26/2007 1007

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26970	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.04 g
Date Analyzed:	10/02/2007 1603		Final Weight/Volume:	5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		2.3		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	89	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S100-D10.0**

Lab Sample ID: 720-10993-2  
Client Matrix: Solid

Date Sampled: 09/25/2007 0745  
Date Received: 09/26/2007 1007

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26970	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.04 g
Date Analyzed:	10/02/2007 1630		Final Weight/Volume:	5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	85	46 - 105



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S100-D15.0**

Lab Sample ID: 720-10993-3

Date Sampled: 09/25/2007 0800

Client Matrix: Solid

Date Received: 09/26/2007 1007

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26973	Instrument ID: Varian DRO4
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID: N/A
Dilution:	10		Initial Weight/Volume: 30.15 g
Date Analyzed:	10/03/2007 1250		Final Weight/Volume: 5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		820		10
Mineral Spirit Range Organics [C9-C13]		1300		10

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S125-D5.0**

Lab Sample ID: 720-10993-4  
Client Matrix: Solid

Date Sampled: 09/25/2007 0930  
Date Received: 09/26/2007 1007

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26970	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.04 g
Date Analyzed:	10/02/2007 1722		Final Weight/Volume:	5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		2.9		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	85	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S125-D10.0**

Lab Sample ID: 720-10993-5

Date Sampled: 09/25/2007 0945

Client Matrix: Solid

Date Received: 09/26/2007 1007

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26970	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.08 g
Date Analyzed:	10/02/2007 1749		Final Weight/Volume:	5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	87	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S125-D15.0**

Lab Sample ID: 720-10993-6

Date Sampled: 09/25/2007 1000

Client Matrix: Solid

Date Received: 09/26/2007 1007

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26970	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.08 g
Date Analyzed:	10/02/2007 1816		Final Weight/Volume:	5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	92	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S150-D5.0**

Lab Sample ID: 720-10993-7

Date Sampled: 09/25/2007 1115

Client Matrix: Solid

Date Received: 09/26/2007 1007

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26970	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.05 g
Date Analyzed:	10/02/2007 2148		Final Weight/Volume:	5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		6.2		1.0
Mineral Spirit Range Organics [C9-C13]		2.2		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	75	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S150-D10.0**

Lab Sample ID: 720-10993-8

Date Sampled: 09/25/2007 1140

Client Matrix: Solid

Date Received: 09/26/2007 1007

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26970	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.06 g
Date Analyzed:	10/02/2007 2307		Final Weight/Volume:	5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	83	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S150-D15.0**

Lab Sample ID: 720-10993-9

Date Sampled: 09/25/2007 1155

Client Matrix: Solid

Date Received: 09/26/2007 1007

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26973	Instrument ID: Varian DRO4
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID: N/A
Dilution:	5.0		Initial Weight/Volume: 30.10 g
Date Analyzed:	10/03/2007 1317		Final Weight/Volume: 5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		420		5.0
Mineral Spirit Range Organics [C9-C13]		550		5.0

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Client Sample ID: T-10-S150-D19.0**

Lab Sample ID: 720-10993-10

Date Sampled: 09/25/2007 1215

Client Matrix: Solid

Date Received: 09/26/2007 1007

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26970	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.14 g
Date Analyzed:	10/02/2007 2333		Final Weight/Volume:	5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	79	46 - 105



## DATA REPORTING QUALIFIERS

Client: San Joaquin Company Inc

Job Number: 720-10993-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC/MS VOA		
	F	MS or MSD exceeds the control limits
	F	RPD of the MS and MSD exceeds the control limits
	X	Surrogate exceeds the control limits
GC Semi VOA		
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10993-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-26693</b>					
LCS 720-26693/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-26693/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26693/1-A	Method Blank	T	Solid	5030B	
720-10993-1	T-10-S100-D5.0	T	Solid	5030B	
720-10993-1MS	Matrix Spike	T	Solid	5030B	
720-10993-1MSD	Matrix Spike Duplicate	T	Solid	5030B	
720-10993-2	T-10-S100-D10.0	T	Solid	5030B	
720-10993-6	T-10-S125-D15.0	T	Solid	5030B	
720-10993-7	T-10-S150-D5.0	T	Solid	5030B	
<b>Prep Batch: 720-26758</b>					
LCS 720-26758/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-26758/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26758/1-A	Method Blank	T	Solid	5030B	
720-10993-5	T-10-S125-D10.0	T	Solid	5030B	
720-10993-8	T-10-S150-D10.0	T	Solid	5030B	
720-10993-10	T-10-S150-D19.0	T	Solid	5030B	
<b>Analysis Batch:720-26781</b>					
LCS 720-26693/2-A	Lab Control Spike	T	Solid	8260B	720-26693
LCSD 720-26693/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-26693
MB 720-26693/1-A	Method Blank	T	Solid	8260B	720-26693
720-10993-1	T-10-S100-D5.0	T	Solid	8260B	720-26693
720-10993-1MS	Matrix Spike	T	Solid	8260B	720-26693
720-10993-1MSD	Matrix Spike Duplicate	T	Solid	8260B	720-26693
720-10993-2	T-10-S100-D10.0	T	Solid	8260B	720-26693
720-10993-6	T-10-S125-D15.0	T	Solid	8260B	720-26693
720-10993-7	T-10-S150-D5.0	T	Solid	8260B	720-26693
<b>Prep Batch: 720-26804</b>					
720-10993-3	T-10-S100-D15.0	T	Solid	5030B	
<b>Prep Batch: 720-26821</b>					
720-10993-9	T-10-S150-D15.0	T	Solid	5030B	
<b>Analysis Batch:720-26841</b>					
LCS 720-26758/2-A	Lab Control Spike	T	Solid	8260B	720-26758
LCSD 720-26758/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-26758
MB 720-26758/1-A	Method Blank	T	Solid	8260B	720-26758
720-10993-5	T-10-S125-D10.0	T	Solid	8260B	720-26758
720-10993-8	T-10-S150-D10.0	T	Solid	8260B	720-26758
720-10993-10	T-10-S150-D19.0	T	Solid	8260B	720-26758

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10993-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-26872</b>					
LCS 720-26872/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-26872/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26872/1-A	Method Blank	T	Solid	5030B	
720-10993-4	T-10-S125-D5.0	T	Solid	5030B	
720-10993-4MS	Matrix Spike	T	Solid	5030B	
720-10993-4MSD	Matrix Spike Duplicate	T	Solid	5030B	
<b>Analysis Batch:720-26896</b>					
LCS 720-26952/2-B	Lab Control Spike	T	Solid	8260B	720-26952
LCSD 720-26952/3-B	Lab Control Spike Duplicate	T	Solid	8260B	720-26952
MB 720-26952/1-B	Method Blank	T	Solid	8260B	720-26952
720-10993-9	T-10-S150-D15.0	T	Solid	8260B	720-26821
<b>Analysis Batch:720-26947</b>					
LCS 720-26872/2-A	Lab Control Spike	T	Solid	8260B	720-26872
LCSD 720-26872/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-26872
MB 720-26872/1-A	Method Blank	T	Solid	8260B	720-26872
720-10993-4	T-10-S125-D5.0	T	Solid	8260B	720-26872
720-10993-4MS	Matrix Spike	T	Solid	8260B	720-26872
720-10993-4MSD	Matrix Spike Duplicate	T	Solid	8260B	720-26872
<b>Prep Batch: 720-26952</b>					
LCS 720-26952/2-B	Lab Control Spike	T	Solid	5030B	
LCSD 720-26952/3-B	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26952/1-B	Method Blank	T	Solid	5030B	
<b>Analysis Batch:720-26976</b>					
720-10993-3	T-10-S100-D15.0	T	Solid	8260B	720-26804

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10993-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-26715</b>					
LCS 720-26715/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-26715/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-26715/1-A	Method Blank	T	Solid	3550B	
720-10993-1	T-10-S100-D5.0	T	Solid	3550B	
720-10993-2	T-10-S100-D10.0	T	Solid	3550B	
720-10993-3	T-10-S100-D15.0	T	Solid	3550B	
720-10993-4	T-10-S125-D5.0	T	Solid	3550B	
720-10993-5	T-10-S125-D10.0	T	Solid	3550B	
720-10993-6	T-10-S125-D15.0	T	Solid	3550B	
720-10993-7	T-10-S150-D5.0	T	Solid	3550B	
720-10993-8	T-10-S150-D10.0	T	Solid	3550B	
720-10993-9	T-10-S150-D15.0	T	Solid	3550B	
720-10993-10	T-10-S150-D19.0	T	Solid	3550B	
<b>Analysis Batch:720-26970</b>					
LCS 720-26715/2-A	Lab Control Spike	T	Solid	8015B	720-26715
LCSD 720-26715/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-26715
MB 720-26715/1-A	Method Blank	T	Solid	8015B	720-26715
720-10993-1	T-10-S100-D5.0	T	Solid	8015B	720-26715
720-10993-2	T-10-S100-D10.0	T	Solid	8015B	720-26715
720-10993-4	T-10-S125-D5.0	T	Solid	8015B	720-26715
720-10993-5	T-10-S125-D10.0	T	Solid	8015B	720-26715
720-10993-6	T-10-S125-D15.0	T	Solid	8015B	720-26715
720-10993-7	T-10-S150-D5.0	T	Solid	8015B	720-26715
720-10993-8	T-10-S150-D10.0	T	Solid	8015B	720-26715
720-10993-10	T-10-S150-D19.0	T	Solid	8015B	720-26715
<b>Analysis Batch:720-26973</b>					
720-10993-3	T-10-S100-D15.0	T	Solid	8015B	720-26715
720-10993-9	T-10-S150-D15.0	T	Solid	8015B	720-26715

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Method Blank - Batch: 720-26693**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-26693/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1157  
Date Prepared: 09/27/2007 0718

Analysis Batch: 720-26781  
Prep Batch: 720-26693  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\092  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	95	70 - 130	
1,2-Dichloroethane-d4 (Surr)	90	60 - 140	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26693**

**Method: 8260B**  
**Preparation: 5030B**

LCS Lab Sample ID: LCS 720-26693/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1111  
Date Prepared: 09/27/2007 0718

Analysis Batch: 720-26781  
Prep Batch: 720-26693  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\092  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-26693/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1134  
Date Prepared: 09/27/2007 0718

Analysis Batch: 720-26781  
Prep Batch: 720-26693  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\092  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	94	92	69 - 129	2	20		
Toluene	95	96	70 - 130	2	20		
Gasoline Range Organics (GRO)-C5-C12	62	63	60 - 130	2	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	95		94		70 - 130		
1,2-Dichloroethane-d4 (Surr)	80		78		60 - 140		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-26693**

**Method: 8260B  
Preparation: 5030B**

MS Lab Sample ID: 720-10993-1  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1501  
Date Prepared: 09/27/2007 0718

Analysis Batch: 720-26781  
Prep Batch: 720-26693

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\09  
Initial Weight/Volume: 5.06 g  
Final Weight/Volume: 10.00 mL

MSD Lab Sample ID: 720-10993-1  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1535  
Date Prepared: 09/27/2007 0718

Analysis Batch: 720-26781  
Prep Batch: 720-26693

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\09  
Initial Weight/Volume: 5.14 g  
Final Weight/Volume: 10.00 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	89	93	69 - 129	3	20		
Toluene	99	97	70 - 130	5	20		
Gasoline Range Organics (GRO)-C5-C12	69	92	60 - 130	26	20		F
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	96		95		70 - 130		
1,2-Dichloroethane-d4 (Surr)	90		91		60 - 140		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Method Blank - Batch: 720-26758**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-26758/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/28/2007 0932  
Date Prepared: 09/28/2007 0735

Analysis Batch: 720-26841  
Prep Batch: 720-26758  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\092  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	97	70 - 130	
1,2-Dichloroethane-d4 (Surr)	88	60 - 140	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26758**

**Method: 8260B**  
**Preparation: 5030B**

LCS Lab Sample ID: LCS 720-26758/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/28/2007 0845  
Date Prepared: 09/28/2007 0735

Analysis Batch: 720-26841  
Prep Batch: 720-26758  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\092  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-26758/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/28/2007 0909  
Date Prepared: 09/28/2007 0735

Analysis Batch: 720-26841  
Prep Batch: 720-26758  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\092  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	102	95	69 - 129	7	20		
Toluene	108	107	70 - 130	1	20		
Gasoline Range Organics (GRO)-C5-C12	78	71	60 - 130	9	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		99		70 - 130		
1,2-Dichloroethane-d4 (Surr)	77		76		60 - 140		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Method Blank - Batch: 720-26872**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-26872/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/02/2007 0947  
Date Prepared: 10/02/2007 0848

Analysis Batch: 720-26947  
Prep Batch: 720-26872  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	94	70 - 130	
1,2-Dichloroethane-d4 (Surr)	85	60 - 140	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26872**

**Method: 8260B**  
**Preparation: 5030B**

LCS Lab Sample ID: LCS 720-26872/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/02/2007 0901  
Date Prepared: 10/02/2007 0848

Analysis Batch: 720-26947  
Prep Batch: 720-26872  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-26872/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/02/2007 0924  
Date Prepared: 10/02/2007 0848

Analysis Batch: 720-26947  
Prep Batch: 720-26872  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\10C  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	94	99	69 - 129	5	20		
Toluene	97	102	70 - 130	5	20		
Gasoline Range Organics (GRO)-C5-C12	66	73	60 - 130	9	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	95		94		70 - 130		
1,2-Dichloroethane-d4 (Surr)	72		77		60 - 140		

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



## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-26872**

**Method: 8260B  
Preparation: 5030B**

MS Lab Sample ID: 720-10993-4  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/02/2007 1105  
Date Prepared: 10/02/2007 0848

Analysis Batch: 720-26947  
Prep Batch: 720-26872

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5.15 g  
Final Weight/Volume: 10.00 mL

MSD Lab Sample ID: 720-10993-4  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/02/2007 1129  
Date Prepared: 10/02/2007 0848

Analysis Batch: 720-26947  
Prep Batch: 720-26872

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5.14 g  
Final Weight/Volume: 10.00 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	99	97	69 - 129	2	20		
Toluene	105	98	70 - 130	7	20		
Gasoline Range Organics (GRO)-C5-C12	56	58	60 - 130	4	20	F	F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
Toluene-d8 (Surr)	98		97	70 - 130			
1,2-Dichloroethane-d4 (Surr)	79		83	60 - 140			

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Method Blank - Batch: 720-26952**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-26952/1-B  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/01/2007 1144  
Date Prepared: 10/03/2007 1436

Analysis Batch: 720-26896  
Prep Batch: 720-26952  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		1.0
Ethylbenzene	ND		1.0
Toluene	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	104	50 - 130
1,2-Dichloroethane-d4 (Surr)	85	60 - 140

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26952**

**Method: 8260B**  
**Preparation: 5030B**

LCS Lab Sample ID: LCS 720-26952/2-B  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/01/2007 1056  
Date Prepared: 10/03/2007 1436

Analysis Batch: 720-26896  
Prep Batch: 720-26952  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-26952/3-B  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/01/2007 1121  
Date Prepared: 10/03/2007 1436

Analysis Batch: 720-26896  
Prep Batch: 720-26952  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\10C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	89	89	69 - 129	0	20		
Toluene	87	95	70 - 130	8	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	96		94		50 - 130		
1,2-Dichloroethane-d4 (Surr)	74		75		60 - 140		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10993-1

**Method Blank - Batch: 720-26715**

**Method: 8015B**  
**Preparation: 3550B**

Lab Sample ID: MB 720-26715/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/03/2007 0145  
Date Prepared: 09/27/2007 1156

Analysis Batch: 720-26970  
Prep Batch: 720-26715  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.08 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Mineral Spirit Range Organics [C9-C13]	ND		1.0
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	91	46 - 105	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26715**

**Method: 8015B**  
**Preparation: 3550B**

LCS Lab Sample ID: LCS 720-26715/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/03/2007 0119  
Date Prepared: 09/27/2007 1156

Analysis Batch: 720-26970  
Prep Batch: 720-26715  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.03 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-26715/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/03/2007 0356  
Date Prepared: 09/27/2007 1156

Analysis Batch: 720-26970  
Prep Batch: 720-26715  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.01 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	76	80	50 - 130	5	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	88		89		46 - 105		

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

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below: **720-10993**

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

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.085** Project Mgr.: **DJW**  
Sampling Team: **HBD**

LABORATORY: **TestAmerica**  
CARRIER: **THE SAN JOAQUIN COMPANY INC.**

WAYBILL No.:           N/A          

SITE GLOBAL I.D. No.: T06019705080

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
T-10-5100-910-0	Soil	T-10	n/a	n/a	09/25/07	7:15	Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits	
T-10-5100-910-0						7:45		
T-10-5100-915-0						8:00		
T-10-5125-915-0						9:30		
T-10-5125-910-0						9:45		
T-10-5125-915-0						10:00		
T-10-5150-915-0						11:15		
T-10-5150-910-0						11:40		
T-10-5150-915-0						11:55		
T-10-5150-919-0						12:15		

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

Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville Agreement.

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	<i>DAI WARKINS</i>	San Joaquin Co	—	—	09/26/07	10:07	<i>[Signature]</i>
Received/ Relinquished by:							
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:	<i>Joan Mullen</i>	TALSF	9-26-07	1007	—	—	<i>Joan Mullen</i>

## ANALYTICAL REPORT

Job Number: 720-11008-1

Job Description: Bay Rock Oak Walk Emeryville

For:

San Joaquin Company Inc  
1120 Hollywood Ave Suite 3  
Oakland, CA 94602-1459  
Attention: Mr. Dai Watkins

*Surinder Sidhu*

---

Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
10/04/2007

**Job Narrative**  
**720-J11008-1**

**Comments**

No additional comments.

**Receipt**

Date collected was not on sample label on GEP-1-5.0 or GEP-1-15.0.

Date collected was on sample label for GEP-1-10.0 was 9/26/07.

All other samples were received in good condition within temperature requirements.

**GC/MS VOA**

No analytical or quality issues were noted.

**GC VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-11008-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-11008-1</b> Diesel Range Organics [C10-C28]	<b>GEP-1-5.0</b>	6.7	1.0	mg/Kg	8015B
<b>720-11008-3</b> Gasoline Range Organics (GRO)-C5-C12	<b>GEP-1-15.0</b>	3900	120	mg/Kg	8260B
Diesel Range Organics [C10-C28]		220	5.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		310	5.0	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-11008-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Solid</b>			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge and Trap for Methanol Extractions	TAL SF		SW846 5030B
Purge and Trap for Solids	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B

### Lab References:

TAL SF = TestAmerica San Francisco

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.



## SAMPLE SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-11008-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-11008-1	GEP-1-5.0	Solid	09/26/2007 0815	09/26/2007 1600
720-11008-2	GEP-1-10.0	Solid	09/26/2007 0830	09/26/2007 1600
720-11008-3	GEP-1-15.0	Solid	09/26/2007 0900	09/26/2007 1600

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11008-1

Client Sample ID: **GEP-1-5.0**

Lab Sample ID: 720-11008-1

Date Sampled: 09/26/2007 0815

Client Matrix: Solid

Date Received: 09/26/2007 1600

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26895	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-26825	Lab File ID: c:\varianws\data\200710\10
Dilution:	1.0		Initial Weight/Volume: 5.22 g
Date Analyzed:	10/01/2007 1222		Final Weight/Volume: 10.00 mL
Date Prepared:	10/01/2007 0927		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Ethylbenzene		ND		0.0048
Toluene		ND		0.0048
Xylenes, Total		ND		0.0096
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		95		70 - 130
1,2-Dichloroethane-d4 (Surr)		95		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11008-1

Client Sample ID: **GEP-1-10.0**

Lab Sample ID: 720-11008-2

Date Sampled: 09/26/2007 0830

Client Matrix: Solid

Date Received: 09/26/2007 1600

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26841	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-26758	Lab File ID: c:\varianw\data\200709\09
Dilution:	1.0		Initial Weight/Volume: 5.24 g
Date Analyzed:	09/28/2007 1321		Final Weight/Volume: 10.00 mL
Date Prepared:	09/28/2007 0735		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Ethylbenzene		ND		0.0048
Toluene		ND		0.0048
Xylenes, Total		ND		0.0095
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		91		70 - 130
1,2-Dichloroethane-d4 (Surr)		97		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11008-1

Client Sample ID: **GEP-1-15.0**

Lab Sample ID: 720-11008-3

Date Sampled: 09/26/2007 0900

Client Matrix: Solid

Date Received: 09/26/2007 1600

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### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26896	Instrument ID: Varian 3900E
Preparation:	5030B-Medium	Prep Batch: 720-26952	Lab File ID: c:\varianws\data\200710\10
Dilution:	500		Initial Weight/Volume: 5.28 g
Date Analyzed:	10/02/2007 1019		Final Weight/Volume: 10 mL
Date Prepared:	10/01/2007 1036		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		2.4
Ethylbenzene		ND		2.4
Toluene		ND		2.4
Xylenes, Total		ND		4.7
Gasoline Range Organics (GRO)-C5-C12		3900		120

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	103	50 - 130
1,2-Dichloroethane-d4 (Surr)	80	60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11008-1

**Client Sample ID: GEP-1-5.0**

Lab Sample ID: 720-11008-1  
Client Matrix: Solid

Date Sampled: 09/26/2007 0815  
Date Received: 09/26/2007 1600

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26970	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.05 g
Date Analyzed:	10/02/2007 2214		Final Weight/Volume:	5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		6.7		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	82	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11008-1

**Client Sample ID: GEP-1-10.0**

Lab Sample ID: 720-11008-2

Date Sampled: 09/26/2007 0830

Client Matrix: Solid

Date Received: 09/26/2007 1600

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26970	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.11 g
Date Analyzed:	10/03/2007 0000		Final Weight/Volume:	5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	85	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11008-1

**Client Sample ID:   GEP-1-15.0**

Lab Sample ID:   720-11008-3

Date Sampled:   09/26/2007 0900

Client Matrix:   Solid

Date Received:   09/26/2007 1600

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26973	Instrument ID: Varian DRO4
Preparation:	3550B	Prep Batch: 720-26715	Lab File ID: N/A
Dilution:	5.0		Initial Weight/Volume: 30.04 g
Date Analyzed:	10/03/2007 1343		Final Weight/Volume: 5 mL
Date Prepared:	09/27/2007 1156		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		220		5.0
Mineral Spirit Range Organics [C9-C13]		310		5.0

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	46 - 105

## DATA REPORTING QUALIFIERS

Client: San Joaquin Company Inc

Job Number: 720-11008-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC Semi VOA	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.



## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11008-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-26758</b>					
LCS 720-26758/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-26758/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26758/1-A	Method Blank	T	Solid	5030B	
720-11008-2	GEP-1-10.0	T	Solid	5030B	
<b>Prep Batch: 720-26825</b>					
LCS 720-26825/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-26825/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26825/1-A	Method Blank	T	Solid	5030B	
720-11008-1	GEP-1-5.0	T	Solid	5030B	
<b>Analysis Batch:720-26841</b>					
LCS 720-26758/2-A	Lab Control Spike	T	Solid	8260B	720-26758
LCSD 720-26758/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-26758
MB 720-26758/1-A	Method Blank	T	Solid	8260B	720-26758
720-11008-2	GEP-1-10.0	T	Solid	8260B	720-26758
<b>Analysis Batch:720-26895</b>					
LCS 720-26825/2-A	Lab Control Spike	T	Solid	8260B	720-26825
LCSD 720-26825/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-26825
MB 720-26825/1-A	Method Blank	T	Solid	8260B	720-26825
720-11008-1	GEP-1-5.0	T	Solid	8260B	720-26825
<b>Analysis Batch:720-26896</b>					
LCS 720-26952/2-B	Lab Control Spike	T	Solid	8260B	720-26952
LCSD 720-26952/3-B	Lab Control Spike Duplicate	T	Solid	8260B	720-26952
MB 720-26952/1-B	Method Blank	T	Solid	8260B	720-26952
720-11008-3	GEP-1-15.0	T	Solid	8260B	720-26952
<b>Prep Batch: 720-26952</b>					
LCS 720-26952/2-B	Lab Control Spike	T	Solid	5030B	
LCSD 720-26952/3-B	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26952/1-B	Method Blank	T	Solid	5030B	
720-11008-3	GEP-1-15.0	T	Solid	5030B	

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11008-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-26715</b>					
LCS 720-26715/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-26715/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-26715/1-A	Method Blank	T	Solid	3550B	
720-11008-1	GEP-1-5.0	T	Solid	3550B	
720-11008-2	GEP-1-10.0	T	Solid	3550B	
720-11008-3	GEP-1-15.0	T	Solid	3550B	
<b>Analysis Batch:720-26970</b>					
LCS 720-26715/2-A	Lab Control Spike	T	Solid	8015B	720-26715
LCSD 720-26715/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-26715
MB 720-26715/1-A	Method Blank	T	Solid	8015B	720-26715
720-11008-1	GEP-1-5.0	T	Solid	8015B	720-26715
720-11008-2	GEP-1-10.0	T	Solid	8015B	720-26715
<b>Analysis Batch:720-26973</b>					
720-11008-3	GEP-1-15.0	T	Solid	8015B	720-26715

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11008-1

**Method Blank - Batch: 720-26758**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-26758/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/28/2007 0932  
Date Prepared: 09/28/2007 0735

Analysis Batch: 720-26841  
Prep Batch: 720-26758  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\092  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	97	70 - 130	
1,2-Dichloroethane-d4 (Surr)	88	60 - 140	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26758**

**Method: 8260B**  
**Preparation: 5030B**

LCS Lab Sample ID: LCS 720-26758/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/28/2007 0845  
Date Prepared: 09/28/2007 0735

Analysis Batch: 720-26841  
Prep Batch: 720-26758  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\092  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-26758/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/28/2007 0909  
Date Prepared: 09/28/2007 0735

Analysis Batch: 720-26841  
Prep Batch: 720-26758  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\092  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	102	95	69 - 129	7	20		
Toluene	108	107	70 - 130	1	20		
Gasoline Range Organics (GRO)-C5-C12	78	71	60 - 130	9	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		99		70 - 130		
1,2-Dichloroethane-d4 (Surr)	77		76		60 - 140		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11008-1

**Method Blank - Batch: 720-26825**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-26825/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/01/2007 1032  
Date Prepared: 10/01/2007 0927

Analysis Batch: 720-26895  
Prep Batch: 720-26825  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	70 - 130
1,2-Dichloroethane-d4 (Surr)	87	60 - 140

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26825**

**Method: 8260B**  
**Preparation: 5030B**

LCS Lab Sample ID: LCS 720-26825/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/01/2007 1009  
Date Prepared: 10/01/2007 0927

Analysis Batch: 720-26895  
Prep Batch: 720-26825  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-26825/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/01/2007 0946  
Date Prepared: 10/01/2007 0927

Analysis Batch: 720-26895  
Prep Batch: 720-26825  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\10C  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	87	95	69 - 129	8	20		
Toluene	98	106	70 - 130	8	20		
Gasoline Range Organics (GRO)-C5-C12	63	67	60 - 130	5	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	94		97		70 - 130		
1,2-Dichloroethane-d4 (Surr)	74		76		60 - 140		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11008-1

**Method Blank - Batch: 720-26952**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-26952/1-B  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/01/2007 1144  
Date Prepared: 10/01/2007 1036

Analysis Batch: 720-26896  
Prep Batch: 720-26952  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		1.0
Ethylbenzene	ND		1.0
Toluene	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	104	50 - 130	
1,2-Dichloroethane-d4 (Surr)	85	60 - 140	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26952**

**Method: 8260B**  
**Preparation: 5030B**

LCS Lab Sample ID: LCS 720-26952/2-B  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/01/2007 1056  
Date Prepared: 10/01/2007 1036

Analysis Batch: 720-26896  
Prep Batch: 720-26952  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-26952/3-B  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/01/2007 1121  
Date Prepared: 10/01/2007 1036

Analysis Batch: 720-26896  
Prep Batch: 720-26952  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\10C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	89	89	69 - 129	0	20		
Toluene	87	95	70 - 130	8	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	96		94		50 - 130		
1,2-Dichloroethane-d4 (Surr)	74		75		60 - 140		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11008-1

**Method Blank - Batch: 720-26715**

**Method: 8015B**  
**Preparation: 3550B**

Lab Sample ID: MB 720-26715/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/03/2007 0145  
Date Prepared: 09/27/2007 1156

Analysis Batch: 720-26970  
Prep Batch: 720-26715  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.08 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Mineral Spirit Range Organics [C9-C13]	ND		1.0
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	91	46 - 105	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26715**

**Method: 8015B**  
**Preparation: 3550B**

LCS Lab Sample ID: LCS 720-26715/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/03/2007 0119  
Date Prepared: 09/27/2007 1156

Analysis Batch: 720-26970  
Prep Batch: 720-26715  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.03 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-26715/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/03/2007 0356  
Date Prepared: 09/27/2007 1156

Analysis Batch: 720-26970  
Prep Batch: 720-26715  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.01 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	76	80	50 - 130	5	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	88	89			46 - 105		

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

# THE SAN JOAQUIN COMPANY INC.

Transmit results to office checked below:

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

Project: **Bay Rock - Oak Walk Emeryville**  
 Project No.: **0004.085** Project Mgr.: **DJW**  
 Sampling Team: **DJW**  
 SITE GLOBAL I.D. No.: T06019705080

## 720-11008

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

107372

LABORATORY: **TestAmerica**  
 CARRIER: THE SAN JOAQUIN COMPANY INC.

WAYBILL NO.: \_\_\_\_\_ N/A \_\_\_\_\_

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
GER-50	Soil	GER-1	n/a	n/a	09/10/07	08:15	Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits	
GER-100						08:30		
GER-150						09:00		

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

Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville Agreement.

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	Dan Warkins	San Joaquin Co	—	—	09/26/07	16:00	[Signature]
Received/ Relinquished by:	FR F						
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:	Tracy Bullock	TALSIF	9/26/07	16:00	—	—	[Signature]

TEMP 2.1°C

## ANALYTICAL REPORT

Job Number: 720-11007-1

Job Description: Bay Rock Oak Walk Emeryville

For:

San Joaquin Company Inc  
1120 Hollywood Ave Suite 3  
Oakland, CA 94602-1459  
Attention: Mr. Dai Watkins

*Surinder Sidhu*

---

Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
10/05/2007



**Job Narrative**  
**720-J11007-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries of MTBE for batch 26955 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 27009 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Method 8260B: Sample was run with headspace.

Method 8260B: <<EXPLANATION REQUIRED>>

No other analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-11007-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-11007-1</b>	<b>GEP-1A</b>				
Benzene		1.4	0.50	ug/L	8260B
MTBE		1.9	0.50	ug/L	8260B
Toluene		3.6	0.50	ug/L	8260B
Xylenes, Total		2.2	1.0	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		8200	5000	ug/L	8260B
Diesel Range Organics [C10-C28]		54000	2500	ug/L	8015B
Mineral Spirit Range Organics [C9-C13]		81000	2500	ug/L	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-11007-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Water</b>			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge-and-Trap	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	TAL SF		SW846 3510C

### Lab References:

TAL SF = TestAmerica San Francisco

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## SAMPLE SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-11007-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-11007-1	GEP-1A	Water	09/26/2007 1215	09/26/2007 1600

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11007-1

**Client Sample ID: GEP-1A**

Lab Sample ID: 720-11007-1

Date Sampled: 09/26/2007 1215

Client Matrix: Water

Date Received: 09/26/2007 1600

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### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch:	720-27019	Instrument ID:	Saturn 2100
Preparation:	5030B			Lab File ID:	c:\saturnws\data\200710\10
Dilution:	1.0			Initial Weight/Volume:	10 mL
Date Analyzed:	10/04/2007 1705			Final Weight/Volume:	10 mL
Date Prepared:	10/04/2007 1705				

Analyte	Result (ug/L)	Qualifier	RL
Benzene	1.4		0.50
Ethylbenzene	ND		0.50
MTBE	1.9		0.50
TAME	ND		0.50
Toluene	3.6		0.50
Xylenes, Total	2.2		1.0
TBA	ND		5.0
DIPE	ND		1.0
Ethyl tert-butyl ether	ND		0.50

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	99	77 - 121
1,2-Dichloroethane-d4 (Surr)	94	73 - 130

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11007-1

**Client Sample ID: GEP-1A**

Lab Sample ID: 720-11007-1

Date Sampled: 09/26/2007 1215

Client Matrix: Water

Date Received: 09/26/2007 1600

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### 8260B Volatile Organic Compounds by GC/MS

Method: 8260B

Analysis Batch: 720-27029

Instrument ID: Varian 3900C

Preparation: 5030B

Lab File ID: c:\saturnws\data\200710\10

Dilution: 100

Initial Weight/Volume: 40 mL

Date Analyzed: 10/04/2007 1352

Final Weight/Volume: 40 mL

Date Prepared: 10/04/2007 1352

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Analyte	Result (ug/L)	Qualifier	RL
Gasoline Range Organics (GRO)-C5-C12	8200		5000

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## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11007-1

**Client Sample ID: GEP-1A**

Lab Sample ID: 720-11007-1

Date Sampled: 09/26/2007 1215

Client Matrix: Water

Date Received: 09/26/2007 1600

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-26963	Instrument ID: Varian DRO4
Preparation:	3510C	Prep Batch: 720-26718	Lab File ID: N/A
Dilution:	50		Initial Weight/Volume: 250 mL
Date Analyzed:	10/03/2007 1459		Final Weight/Volume: 1 mL
Date Prepared:	09/27/2007 1231		Injection Volume:
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	54000		2500
Mineral Spirit Range Organics [C9-C13]	81000		2500
Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	50 - 150

## DATA REPORTING QUALIFIERS

Client: San Joaquin Company Inc

Job Number: 720-11007-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC Semi VOA	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.



## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11007-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-27019</b>					
LCS 720-27019/2	Lab Control Spike	T	Water	8260B	
LCSD 720-27019/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-27019/3	Method Blank	T	Water	8260B	
720-11007-1	GEP-1A	T	Water	8260B	

### Analysis Batch:720-27029

LCS 720-27029/2	Lab Control Spike	T	Water	8260B	
LCSD 720-27029/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-27029/3	Method Blank	T	Water	8260B	
720-11007-1	GEP-1A	T	Water	8260B	

#### Report Basis

T = Total

### GC Semi VOA

#### Prep Batch: 720-26718

LCS 720-26718/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-26718/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-26718/1-A	Method Blank	T	Water	3510C	
720-11007-1	GEP-1A	T	Water	3510C	

#### Analysis Batch:720-26957

LCS 720-26718/2-A	Lab Control Spike	T	Water	8015B	720-26718
LCSD 720-26718/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-26718
MB 720-26718/1-A	Method Blank	T	Water	8015B	720-26718

#### Analysis Batch:720-26963

720-11007-1	GEP-1A	T	Water	8015B	720-26718
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#### Report Basis

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11007-1

### Method Blank - Batch: 720-27019

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-27019/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/04/2007 1111  
Date Prepared: 10/04/2007 1111

Analysis Batch: 720-27019  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 2100  
Lab File ID: c:\saturnws\data\200710\1C  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50
Surrogate	% Rec		Acceptance Limits
Toluene-d8 (Surr)	100		77 - 121
1,2-Dichloroethane-d4 (Surr)	93		73 - 130

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11007-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-27019**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-27019/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/04/2007 1018  
Date Prepared: 10/04/2007 1018

Analysis Batch: 720-27019  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 2100  
Lab File ID: c:\saturmws\data\200710\10C  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-27019/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/04/2007 1044  
Date Prepared: 10/04/2007 1044

Analysis Batch: 720-27019  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 2100  
Lab File ID: c:\saturmws\data\200710\10C  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	92	90	69 - 129	2	20		
MTBE	83	90	65 - 165	8	20		
Toluene	90	91	70 - 130	1	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		95		77 - 121		
1,2-Dichloroethane-d4 (Surr)	89		88		73 - 130		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11007-1

### Method Blank - Batch: 720-27029

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-27029/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/04/2007 1156  
Date Prepared: 10/04/2007 1156

Analysis Batch: 720-27029  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900C  
Lab File ID: c:\saturnws\data\200710\1C  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50
Surrogate	% Rec		Acceptance Limits
Toluene-d8 (Surr)	114		77 - 121
1,2-Dichloroethane-d4 (Surr)	93		73 - 130

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11007-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-27029**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-27029/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/04/2007 1034  
Date Prepared: 10/04/2007 1034

Analysis Batch: 720-27029  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900C  
Lab File ID: c:\satumws\data\200710\10C  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-27029/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/04/2007 1102  
Date Prepared: 10/04/2007 1102

Analysis Batch: 720-27029  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900C  
Lab File ID: c:\satumws\data\200710\10C  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	91	89	69 - 129	1	20		
MTBE	96	92	65 - 165	4	20		
Toluene	101	95	70 - 130	6	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	112		105		77 - 121		
1,2-Dichloroethane-d4 (Surr)	83		95		73 - 130		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11007-1

**Method Blank - Batch: 720-26718**

**Method: 8015B**  
**Preparation: 3510C**

Lab Sample ID: MB 720-26718/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/02/2007 1315  
Date Prepared: 09/27/2007 1231

Analysis Batch: 720-26957  
Prep Batch: 720-26718  
Units: ug/L

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 250 mL  
Final Weight/Volume: 1 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Mineral Spirit Range Organics [C9-C13]	ND		50
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	96	50 - 150	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26718**

**Method: 8015B**  
**Preparation: 3510C**

LCS Lab Sample ID: LCS 720-26718/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/02/2007 1842  
Date Prepared: 09/27/2007 1231

Analysis Batch: 720-26957  
Prep Batch: 720-26718  
Units: ug/L

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 250 mL  
Final Weight/Volume: 1 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-26718/3-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/03/2007 0026  
Date Prepared: 09/27/2007 1231

Analysis Batch: 720-26957  
Prep Batch: 720-26718  
Units: ug/L

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 250 mL  
Final Weight/Volume: 1 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	76	75	50 - 130	1	30		
<hr/>							
Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits				
p-Terphenyl	87	87	50 - 150				

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

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below:

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

LABORATORY: **TestAmerica**  
CARRIER: THE SAN JOAQUIN COMPANY INC.

107371

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.085** Project Mgr.: **DJW**  
Sampling Team: **DJW**  
SITE GLOBAL I.D. No.: T06019705080

**720-11007**

WAYBILL NO.:           N/A          

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
GER-1- <del>10A</del>	water		n/a	n/a	09/26/07	12:15	<div style="border: 1px solid black; padding: 5px;">                     Analyze all samples for:                      TPH(g)+BTEX+ TBA, MTBE, DIPE, ETBE &amp; TAME                       TPH(d) + Mineral Spirits                       PLEASE PROVIDE                      ALL CARBON TO GRAMS                 </div>	

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

Notes: Pricing per Bay Rock Emeryville Agreement

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	Dan Waters	San Joaquin Co	—	—	09/26/07	16:00	[Signature]
Received/ Relinquished by:							
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:	Tracy Bullock	TAL-SF	9/26/07	1600	—	—	[Signature]

Temp: 2.1°C  
Signature

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## ANALYTICAL REPORT

Job Number: 720-11170-1

Job Description: Bay Rock Oak Walk Emeryville

For:

San Joaquin Company Inc  
1120 Hollywood Ave Suite 3  
Oakland, CA 94602-1459  
Attention: Mr. Dai Watkins

*Surinder Sidhu*

---

Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
10/15/2007



**Job Narrative**  
**720-J11170-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method 8260B: Surrogate recovery for the following sample(s) was outside the upper control limit: 720-11170-7. This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 27236 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Method 8260B: Due to the level of dilution required for the following samples, surrogate recoveries are not reported: (7201146-8, 11170-3 and 11170-9)

Method 8260B: Surrogate recovery for 720-11170-8 was outside control limits. Evidence of matrix interference is present.. Re -run sample and the result was same.

No other analytical or quality issues were noted.

**GC VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-11170-3</b>	<b>T9-S10-D 14.25</b>				
Gasoline Range Organics (GRO)-C5-C12		19000	1200	mg/Kg	8260B
Diesel Range Organics [C10-C28]		67	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		100	1.0	mg/Kg	8015B
<b>720-11170-6</b>	<b>T9-S30-D 14</b>				
Gasoline Range Organics (GRO)-C5-C12		3900	230	mg/Kg	8260B
Diesel Range Organics [C10-C28]		8.9	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		14	0.99	mg/Kg	8015B
<b>720-11170-7</b>	<b>T9-S50-D 5.0</b>				
Diesel Range Organics [C10-C28]		12	1.0	mg/Kg	8015B
<b>720-11170-8</b>	<b>T9-S50-D 10.0</b>				
Gasoline Range Organics (GRO)-C5-C12		530	47	mg/Kg	8260B
Diesel Range Organics [C10-C28]		75	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		99	1.0	mg/Kg	8015B
<b>720-11170-9</b>	<b>T9-S50-D 13.0</b>				
Gasoline Range Organics (GRO)-C5-C12		7600	1100	mg/Kg	8260B
Diesel Range Organics [C10-C28]		600	9.9	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		900	9.9	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-11170-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Solid</b>			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge and Trap for Methanol Extractions	TAL SF		SW846 5030B
Purge and Trap for Solids	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B

### Lab References:

TAL SF = TestAmerica San Francisco

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## SAMPLE SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-11170-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-11170-1	T9-S10-D 5.0	Solid	10/04/2007 1415	10/05/2007 1738
720-11170-2	T9-S10-D 10.0	Solid	10/04/2007 1425	10/05/2007 1738
720-11170-3	T9-S10-D 14.25	Solid	10/04/2007 1430	10/05/2007 1738
720-11170-4	T9-S30-D 5	Solid	10/05/2007 1435	10/05/2007 1738
720-11170-5	T9-S30-D 10	Solid	10/05/2007 1454	10/05/2007 1738
720-11170-6	T9-S30-D 14	Solid	10/05/2007 1458	10/05/2007 1738
720-11170-7	T9-S50-D 5.0	Solid	10/05/2007 1325	10/05/2007 1738
720-11170-8	T9-S50-D 10.0	Solid	10/05/2007 1330	10/05/2007 1738
720-11170-9	T9-S50-D 13.0	Solid	10/05/2007 1345	10/05/2007 1738
720-11170-10	T9-S50-D 15.0	Solid	10/05/2007 1354	10/05/2007 1738

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S10-D 5.0

Lab Sample ID: 720-11170-1  
Client Matrix: Solid

Date Sampled: 10/04/2007 1415  
Date Received: 10/05/2007 1738

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-27229 Instrument ID: Varian 3900E  
Preparation: 5030B Prep Batch: 720-27144 Lab File ID: c:\varianws\data\200710\10  
Dilution: 1.0 Initial Weight/Volume: 5.50 g  
Date Analyzed: 10/08/2007 2038 Final Weight/Volume: 10 mL  
Date Prepared: 10/08/2007 1458

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0045
Ethylbenzene		ND		0.0045
Toluene		ND		0.0045
MTBE		ND		0.0045
Xylenes, Total		ND		0.0091
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		123		70 - 130
1,2-Dichloroethane-d4 (Surr)		140		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S10-D 10.0

Lab Sample ID: 720-11170-2

Client Matrix: Solid

Date Sampled: 10/04/2007 1425

Date Received: 10/05/2007 1738

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### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-27236	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-27237	Lab File ID: c:\varianws\data\200710\10
Dilution:	1.0		Initial Weight/Volume: 5.05 g
Date Analyzed:	10/10/2007 1735		Final Weight/Volume: 10 mL
Date Prepared:	10/10/2007 0840		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0050
Ethylbenzene		ND		0.0050
Toluene		ND		0.0050
MTBE		ND		0.0050
Xylenes, Total		ND		0.0099
Gasoline Range Organics (GRO)-C5-C12		ND		0.25

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	124	70 - 130
1,2-Dichloroethane-d4 (Surr)	130	60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S10-D 14.25

Lab Sample ID: 720-11170-3

Date Sampled: 10/04/2007 1430

Client Matrix: Solid

Date Received: 10/05/2007 1738

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-27365 Instrument ID: Varian 3900E  
Preparation: 5030B-Medium Prep Batch: 720-27367 Lab File ID: c:\varianws\data\200710\10  
Dilution: 5000 Initial Weight/Volume: 5.32 g  
Date Analyzed: 10/12/2007 1243 Final Weight/Volume: 10 mL  
Date Prepared: 10/11/2007 1443

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		23
Ethylbenzene		ND		23
Toluene		ND		23
MTBE		ND		23
Xylenes, Total		ND		47
Gasoline Range Organics (GRO)-C5-C12		19000		1200
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		170	X	50 - 130
1,2-Dichloroethane-d4 (Surr)		0	X	60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S30-D 5

Lab Sample ID: 720-11170-4

Date Sampled: 10/05/2007 1435

Client Matrix: Solid

Date Received: 10/05/2007 1738

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### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-27229	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-27144	Lab File ID: c:\varianws\data\200710\10
Dilution:	1.0		Initial Weight/Volume: 5.04 g
Date Analyzed:	10/08/2007 2126		Final Weight/Volume: 10 mL
Date Prepared:	10/08/2007 1458		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0050
Ethylbenzene		ND		0.0050
Toluene		ND		0.0050
MTBE		ND		0.0050
Xylenes, Total		ND		0.0099
Gasoline Range Organics (GRO)-C5-C12		ND		0.25
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		125		70 - 130
1,2-Dichloroethane-d4 (Surr)		137		60 - 140



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Client Sample ID: T9-S30-D 10**

Lab Sample ID: 720-11170-5  
 Client Matrix: Solid

Date Sampled: 10/05/2007 1454  
 Date Received: 10/05/2007 1738

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-27229	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-27144	Lab File ID: c:\varianws\data\200710\10
Dilution:	1.0		Initial Weight/Volume: 5.59 g
Date Analyzed:	10/08/2007 2151		Final Weight/Volume: 10 mL
Date Prepared:	10/08/2007 1458		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0045
Ethylbenzene		ND		0.0045
Toluene		ND		0.0045
MTBE		ND		0.0045
Xylenes, Total		ND		0.0089
Gasoline Range Organics (GRO)-C5-C12		ND		0.22
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		127		70 - 130
1,2-Dichloroethane-d4 (Surr)		128		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Client Sample ID: T9-S30-D 14**

Lab Sample ID: 720-11170-6  
Client Matrix: Solid

Date Sampled: 10/05/2007 1458  
Date Received: 10/05/2007 1738

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-27365	Instrument ID: Varian 3900E
Preparation:	5030B-Medium	Prep Batch: 720-27367	Lab File ID: c:\varianws\data\200710\10
Dilution:	1000		Initial Weight/Volume: 5.48 g
Date Analyzed:	10/12/2007 1306		Final Weight/Volume: 10 mL
Date Prepared:	10/11/2007 1443		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		4.6
Ethylbenzene		ND		4.6
Toluene		ND		4.6
MTBE		ND		4.6
Xylenes, Total		ND		9.1
Gasoline Range Organics (GRO)-C5-C12		3900		230
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		127		50 - 130
1,2-Dichloroethane-d4 (Surr)		87		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S50-D 5.0

Lab Sample ID: 720-11170-7

Client Matrix: Solid

Date Sampled: 10/05/2007 1325

Date Received: 10/05/2007 1738

---

### 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-27229 Instrument ID: Varian 3900E  
Preparation: 5030B Prep Batch: 720-27144 Lab File ID: c:\varianws\data\200710\10  
Dilution: 1.0 Initial Weight/Volume: 5.86 g  
Date Analyzed: 10/08/2007 2214 Final Weight/Volume: 10 mL  
Date Prepared: 10/08/2007 1458

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0043
Ethylbenzene		ND		0.0043
Toluene		ND		0.0043
MTBE		ND		0.0043
Xylenes, Total		ND		0.0085
Gasoline Range Organics (GRO)-C5-C12		ND		0.21
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		125		70 - 130
1,2-Dichloroethane-d4 (Surr)		145	X	60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S50-D 10.0

Lab Sample ID: 720-11170-8  
Client Matrix: Solid

Date Sampled: 10/05/2007 1330  
Date Received: 10/05/2007 1738

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-27365 Instrument ID: Varian 3900E  
Preparation: 5030B-Medium Prep Batch: 720-27367 Lab File ID: c:\varianws\data\200710\10  
Dilution: 200 Initial Weight/Volume: 5.32 g  
Date Analyzed: 10/12/2007 1527 Final Weight/Volume: 10 mL  
Date Prepared: 10/11/2007 1443

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.94
Ethylbenzene		ND		0.94
Toluene		ND		0.94
MTBE		ND		0.94
Xylenes, Total		ND		1.9
Gasoline Range Organics (GRO)-C5-C12		530		47
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		143	X	50 - 130
1,2-Dichloroethane-d4 (Surr)		125		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S50-D 13.0

Lab Sample ID: 720-11170-9  
Client Matrix: Solid

Date Sampled: 10/05/2007 1345  
Date Received: 10/05/2007 1738

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-27365 Instrument ID: Varian 3900E  
Preparation: 5030B-Medium Prep Batch: 720-27367 Lab File ID: c:\varianws\data\200710\10  
Dilution: 5000 Initial Weight/Volume: 5.70 g  
Date Analyzed: 10/12/2007 1330 Final Weight/Volume: 10 mL  
Date Prepared: 10/11/2007 1443

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		22
Ethylbenzene		ND		22
Toluene		ND		22
MTBE		ND		22
Xylenes, Total		ND		44
Gasoline Range Organics (GRO)-C5-C12		7600		1100
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		133	X	50 - 130
1,2-Dichloroethane-d4 (Surr)		0	X	60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S50-D 15.0

Lab Sample ID: 720-11170-10

Client Matrix: Solid

Date Sampled: 10/05/2007 1354

Date Received: 10/05/2007 1738

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### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-27229	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-27144	Lab File ID: c:\varianws\data\200710\10
Dilution:	1.0		Initial Weight/Volume: 5.13 g
Date Analyzed:	10/08/2007 2237		Final Weight/Volume: 10 mL
Date Prepared:	10/08/2007 1458		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Ethylbenzene		ND		0.0049
Toluene		ND		0.0049
MTBE		ND		0.0049
Xylenes, Total		ND		0.0097
Gasoline Range Organics (GRO)-C5-C12		ND		0.24

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	125	70 - 130
1,2-Dichloroethane-d4 (Surr)	134	60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S10-D 5.0

Lab Sample ID: 720-11170-1

Date Sampled: 10/04/2007 1415

Client Matrix: Solid

Date Received: 10/05/2007 1738

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-27334	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-27154	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.22 g
Date Analyzed:	10/10/2007 1540		Final Weight/Volume:	5 mL
Date Prepared:	10/09/2007 0741		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		78		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Client Sample ID: T9-S10-D 10.0**

Lab Sample ID: 720-11170-2  
Client Matrix: Solid

Date Sampled: 10/04/2007 1425  
Date Received: 10/05/2007 1738

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-27334	Instrument ID: HP DRO5
Preparation:	3550B	Prep Batch: 720-27154	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.11 g
Date Analyzed:	10/10/2007 1607		Final Weight/Volume: 5 mL
Date Prepared:	10/09/2007 0741		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	75	40 - 119



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Client Sample ID: T9-S10-D 14.25**

Lab Sample ID: 720-11170-3

Date Sampled: 10/04/2007 1430

Client Matrix: Solid

Date Received: 10/05/2007 1738

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-27334	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-27154	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.08 g
Date Analyzed:	10/10/2007 1633		Final Weight/Volume:	5 mL
Date Prepared:	10/09/2007 0741		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		67		1.0
Mineral Spirit Range Organics [C9-C13]		100		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	78	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S30-D 5

Lab Sample ID: 720-11170-4

Date Sampled: 10/05/2007 1435

Client Matrix: Solid

Date Received: 10/05/2007 1738

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-27334	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-27154	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.45 g
Date Analyzed:	10/10/2007 1700		Final Weight/Volume:	5 mL
Date Prepared:	10/09/2007 0741		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		67		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Client Sample ID: T9-S30-D 10**

Lab Sample ID: 720-11170-5  
 Client Matrix: Solid

Date Sampled: 10/05/2007 1454  
 Date Received: 10/05/2007 1738

### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B	Analysis Batch: 720-27334	Instrument ID: HP DRO5
Preparation: 3550B	Prep Batch: 720-27154	Lab File ID: N/A
Dilution: 1.0		Initial Weight/Volume: 30.03 g
Date Analyzed: 10/10/2007 1727		Final Weight/Volume: 5 mL
Date Prepared: 10/09/2007 0741		Injection Volume:
		Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0
<hr/>				
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		78		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Client Sample ID: T9-S30-D 14**

Lab Sample ID: 720-11170-6  
Client Matrix: Solid

Date Sampled: 10/05/2007 1458  
Date Received: 10/05/2007 1738

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-27334	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-27154	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.44 g
Date Analyzed:	10/10/2007 1753		Final Weight/Volume:	5 mL
Date Prepared:	10/09/2007 0741		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		8.9		0.99
Mineral Spirit Range Organics [C9-C13]		14		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		75		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Client Sample ID: T9-S50-D 5.0**

Lab Sample ID: 720-11170-7  
Client Matrix: Solid

Date Sampled: 10/05/2007 1325  
Date Received: 10/05/2007 1738

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-27334	Instrument ID: HP DRO5
Preparation:	3550B	Prep Batch: 720-27154	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.01 g
Date Analyzed:	10/10/2007 1820		Final Weight/Volume: 5 mL
Date Prepared:	10/09/2007 0741		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		12		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	73	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Client Sample ID: T9-S50-D 10.0**

Lab Sample ID: 720-11170-8

Date Sampled: 10/05/2007 1330

Client Matrix: Solid

Date Received: 10/05/2007 1738

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-27334	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-27154	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.12 g
Date Analyzed:	10/10/2007 1846		Final Weight/Volume:	5 mL
Date Prepared:	10/09/2007 0741		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		75		1.0
Mineral Spirit Range Organics [C9-C13]		99		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	81	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

Client Sample ID: T9-S50-D 13.0

Lab Sample ID: 720-11170-9

Date Sampled: 10/05/2007 1345

Client Matrix: Solid

Date Received: 10/05/2007 1738

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-27336	Instrument ID: Varian DRO4
Preparation:	3550B	Prep Batch: 720-27154	Lab File ID: N/A
Dilution:	10		Initial Weight/Volume: 30.45 g
Date Analyzed:	10/11/2007 1053		Final Weight/Volume: 5 mL
Date Prepared:	10/09/2007 0741		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		600		9.9
Mineral Spirit Range Organics [C9-C13]		900		9.9
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		0	D	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Client Sample ID: T9-S50-D 15.0**

Lab Sample ID: 720-11170-10

Date Sampled: 10/05/2007 1354

Client Matrix: Solid

Date Received: 10/05/2007 1738

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-27334	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-27154	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.12 g
Date Analyzed:	10/10/2007 1939		Final Weight/Volume:	5 mL
Date Prepared:	10/09/2007 0741		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	77	40 - 119



## DATA REPORTING QUALIFIERS

Client: San Joaquin Company Inc

Job Number: 720-11170-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC/MS VOA	X	Surrogate exceeds the control limits
GC Semi VOA	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-27144</b>					
LCS 720-27144/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-27144/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-27144/1-A	Method Blank	T	Solid	5030B	
720-11170-1	T9-S10-D 5.0	T	Solid	5030B	
720-11170-4	T9-S30-D 5	T	Solid	5030B	
720-11170-5	T9-S30-D 10	T	Solid	5030B	
720-11170-7	T9-S50-D 5.0	T	Solid	5030B	
720-11170-10	T9-S50-D 15.0	T	Solid	5030B	
<b>Analysis Batch:720-27229</b>					
LCS 720-27144/2-A	Lab Control Spike	T	Solid	8260B	720-27144
LCSD 720-27144/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-27144
MB 720-27144/1-A	Method Blank	T	Solid	8260B	720-27144
720-11170-1	T9-S10-D 5.0	T	Solid	8260B	720-27144
720-11170-4	T9-S30-D 5	T	Solid	8260B	720-27144
720-11170-5	T9-S30-D 10	T	Solid	8260B	720-27144
720-11170-7	T9-S50-D 5.0	T	Solid	8260B	720-27144
720-11170-10	T9-S50-D 15.0	T	Solid	8260B	720-27144
<b>Analysis Batch:720-27236</b>					
LCS 720-27237/2-A	Lab Control Spike	T	Solid	8260B	720-27237
LCSD 720-27237/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-27237
MB 720-27237/1-A	Method Blank	T	Solid	8260B	720-27237
720-11170-2	T9-S10-D 10.0	T	Solid	8260B	720-27237
<b>Prep Batch: 720-27237</b>					
LCS 720-27237/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-27237/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-27237/1-A	Method Blank	T	Solid	5030B	
720-11170-2	T9-S10-D 10.0	T	Solid	5030B	
<b>Analysis Batch:720-27365</b>					
LCS 720-27367/1-A	Lab Control Spike	T	Solid	8260B	720-27367
LCSD 720-27367/2-A	Lab Control Spike Duplicate	T	Solid	8260B	720-27367
MB 720-27367/3-A	Method Blank	T	Solid	8260B	720-27367
720-11170-3	T9-S10-D 14.25	T	Solid	8260B	720-27367
720-11170-6	T9-S30-D 14	T	Solid	8260B	720-27367
720-11170-8	T9-S50-D 10.0	T	Solid	8260B	720-27367
720-11170-9	T9-S50-D 13.0	T	Solid	8260B	720-27367

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

### QC Association Summary

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Report Basis</u>	<u>Client Matrix</u>	<u>Method</u>	<u>Prep Batch</u>
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-27367</b>					
LCS 720-27367/1-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-27367/2-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-27367/3-A	Method Blank	T	Solid	5030B	
720-11170-3	T9-S10-D 14.25	T	Solid	5030B	
720-11170-6	T9-S30-D 14	T	Solid	5030B	
720-11170-8	T9-S50-D 10.0	T	Solid	5030B	
720-11170-9	T9-S50-D 13.0	T	Solid	5030B	

#### Report Basis

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-27154</b>					
LCS 720-27154/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-27154/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-27154/1-A	Method Blank	T	Solid	3550B	
720-11170-1	T9-S10-D 5.0	T	Solid	3550B	
720-11170-1MS	Matrix Spike	T	Solid	3550B	
720-11170-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-11170-2	T9-S10-D 10.0	T	Solid	3550B	
720-11170-3	T9-S10-D 14.25	T	Solid	3550B	
720-11170-4	T9-S30-D 5	T	Solid	3550B	
720-11170-5	T9-S30-D 10	T	Solid	3550B	
720-11170-6	T9-S30-D 14	T	Solid	3550B	
720-11170-7	T9-S50-D 5.0	T	Solid	3550B	
720-11170-8	T9-S50-D 10.0	T	Solid	3550B	
720-11170-9	T9-S50-D 13.0	T	Solid	3550B	
720-11170-10	T9-S50-D 15.0	T	Solid	3550B	
<b>Analysis Batch:720-27334</b>					
LCS 720-27154/2-A	Lab Control Spike	T	Solid	8015B	720-27154
LCSD 720-27154/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-27154
MB 720-27154/1-A	Method Blank	T	Solid	8015B	720-27154
720-11170-1	T9-S10-D 5.0	T	Solid	8015B	720-27154
720-11170-1MS	Matrix Spike	T	Solid	8015B	720-27154
720-11170-1MSD	Matrix Spike Duplicate	T	Solid	8015B	720-27154
720-11170-2	T9-S10-D 10.0	T	Solid	8015B	720-27154
720-11170-3	T9-S10-D 14.25	T	Solid	8015B	720-27154
720-11170-4	T9-S30-D 5	T	Solid	8015B	720-27154
720-11170-5	T9-S30-D 10	T	Solid	8015B	720-27154
720-11170-6	T9-S30-D 14	T	Solid	8015B	720-27154
720-11170-7	T9-S50-D 5.0	T	Solid	8015B	720-27154
720-11170-8	T9-S50-D 10.0	T	Solid	8015B	720-27154
720-11170-10	T9-S50-D 15.0	T	Solid	8015B	720-27154
<b>Analysis Batch:720-27336</b>					
720-11170-9	T9-S50-D 13.0	T	Solid	8015B	720-27154

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

### Method Blank - Batch: 720-27144

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 720-27144/1-A

Client Matrix: Solid

Dilution: 1.0

Date Analyzed: 10/08/2007 1806

Date Prepared: 10/08/2007 1458

Analysis Batch: 720-27229

Prep Batch: 720-27144

Units: mg/Kg

Instrument ID: Varian 3900E

Lab File ID: c:\varianws\data\200710\1C

Initial Weight/Volume: 5 g

Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Ethylbenzene	ND		0.0050
Toluene	ND		0.0050
MTBE	ND		0.0050
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	123	70 - 130	
1,2-Dichloroethane-d4 (Surr)	131	60 - 140	

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-27144**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-27144/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/08/2007 1829  
Date Prepared: 10/08/2007 1458

Analysis Batch: 720-27229  
Prep Batch: 720-27144  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\10C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-27144/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/08/2007 1719  
Date Prepared: 10/08/2007 1458

Analysis Batch: 720-27229  
Prep Batch: 720-27144  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\10C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	112	112	69 - 129	0	20		
Toluene	117	117	70 - 130	0	20		
MTBE	101	113	65 - 165	11	20		
Gasoline Range Organics (GRO)-C5-C12	63	70	60 - 130	10	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	128		125		70 - 130		
1,2-Dichloroethane-d4 (Surr)	124		132		60 - 140		

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

# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

## Method Blank - Batch: 720-27237

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-27237/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/10/2007 1158  
Date Prepared: 10/10/2007 0840

Analysis Batch: 720-27236  
Prep Batch: 720-27237  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5 g  
Final Weight/Volume:

Analyte	Result	Qual	RL
Benzene	ND		0.0025
Ethylbenzene	ND		0.0025
Toluene	ND		0.0025
MTBE	ND		0.0025
Xylenes, Total	ND		0.0050
Gasoline Range Organics (GRO)-C5-C12	ND		0.13
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	128	70 - 130	
1,2-Dichloroethane-d4 (Surr)	129	60 - 140	

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-27237**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-27237/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/10/2007 1047  
Date Prepared: 10/10/2007 0840

Analysis Batch: 720-27236  
Prep Batch: 720-27237  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\101  
Initial Weight/Volume: 5 g  
Final Weight/Volume:

LCSD Lab Sample ID: LCSD 720-27237/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/10/2007 1135  
Date Prepared: 10/10/2007 0840

Analysis Batch: 720-27236  
Prep Batch: 720-27237  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\101  
Initial Weight/Volume: 5 g  
Final Weight/Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	113	109	69 - 129	3	20		
Toluene	112	118	70 - 130	5	20		
MTBE	102	105	65 - 165	3	20		
Gasoline Range Organics (GRO)-C5-C12	69	63	60 - 130	9	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	126		126		70 - 130		
1,2-Dichloroethane-d4 (Surr)	117		116		60 - 140		

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



# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

## Method Blank - Batch: 720-27367

Lab Sample ID: MB 720-27367/3-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/11/2007 1105  
Date Prepared: 10/11/2007 1443

Analysis Batch: 720-27365  
Prep Batch: 720-27367  
Units: mg/Kg

## Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\1C  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		1.0
Ethylbenzene	ND		1.0
Toluene	ND		1.0
MTBE	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	128	50 - 130	
1,2-Dichloroethane-d4 (Surr)	122	60 - 140	

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-27367**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-27367/1-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/11/2007 1019  
Date Prepared: 10/11/2007 1443

Analysis Batch: 720-27365  
Prep Batch: 720-27367  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\101  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-27367/2-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/11/2007 1229  
Date Prepared: 10/11/2007 1443

Analysis Batch: 720-27365  
Prep Batch: 720-27367  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200710\101  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	98	86	69 - 129	13	20		
Toluene	104	92	70 - 130	12	20		
MTBE	88	82	65 - 165	7	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	130		115		50 - 130		
1,2-Dichloroethane-d4 (Surr)	120		113		60 - 140		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Method Blank - Batch: 720-27154**

Lab Sample ID: MB 720-27154/1-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 10/10/2007 2217  
 Date Prepared: 10/09/2007 0741

Analysis Batch: 720-27334  
 Prep Batch: 720-27154  
 Units: mg/Kg

**Method: 8015B  
 Preparation: 3550B**

Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 30.12 g  
 Final Weight/Volume: 5 mL  
 Injection Volume:  
 Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Mineral Spirit Range Organics [C9-C13]	ND		1.0
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	80	40 - 119	

**Lab Control Spike/  
 Lab Control Spike Duplicate Recovery Report - Batch: 720-27154**

LCS Lab Sample ID: LCS 720-27154/2-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 10/10/2007 2125  
 Date Prepared: 10/09/2007 0741

Analysis Batch: 720-27334  
 Prep Batch: 720-27154  
 Units: mg/Kg

**Method: 8015B  
 Preparation: 3550B**

Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 30.09 g  
 Final Weight/Volume: 5 mL  
 Injection Volume:  
 Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-27154/3-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 10/10/2007 2151  
 Date Prepared: 10/09/2007 0741

Analysis Batch: 720-27334  
 Prep Batch: 720-27154  
 Units: mg/Kg

Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 30.12 g  
 Final Weight/Volume: 5 mL  
 Injection Volume:  
 Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	71	73	50 - 130	4	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	79	76			40 - 119		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11170-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-27154**

**Method: 8015B  
Preparation: 3550B**

MS Lab Sample ID: 720-11170-1  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/10/2007 2006  
Date Prepared: 10/09/2007 0741

Analysis Batch: 720-27334  
Prep Batch: 720-27154

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.37 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

MSD Lab Sample ID: 720-11170-1  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/10/2007 2032  
Date Prepared: 10/09/2007 0741

Analysis Batch: 720-27334  
Prep Batch: 720-27154

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.11 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C28]	69	66	50 - 130	3	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
p-Terphenyl		72	74			40 - 119	

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

# THE SAN JOAQUIN COMPANY INC.

# CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below: **720-11170**

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

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

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.085** Project Mgr.: **DJW**  
Sampling Team: **DJW**

SITE GLOBAL I.D. No.: T06019705080

LABORATORY: **TestAmerica**  
CARRIER: **THE SAN JOAQUIN COMPANY INC.**

107542

WAYBILL NO.:           N/A          

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
T9-S10-D50	Soil	T9	n/a	n/a	10/04/07	14:15	Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits	
T9-S0-D100		T9				14:25		
T9-S0-D1425		T9				14:30		
T9-S30-D5					10/05/07	14:35		
T9-S30-D10						14:54		
T9-S30-D14						14:58		
T9-S50-D50						13:25		
T9-S50-D100						13:30		
T9-S50-D130						13:45		
T9-S50-D150						13:54		

Analyze all samples for:  
TPH(g)+BTEX  
TPH(d) + Mineral Spirits

*Please provide Calibration sheet for sample T9-S30-D14.*

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

Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville Agreement.

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	<i>DAI WALKER</i>	San Joaquin Co	—	—	10/05/07	17:38	<i>[Signature]</i>
Received/ Relinquished by:	<i>Tracy Bullock</i>	TANSE			10/5/07	17:38	<i>[Signature]</i>
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:							

TEMP: 21°C

## ANALYTICAL REPORT

Job Number: 720-11008-1

Job Description: Bay Rock Oak Walk Emeryville

For:

San Joaquin Company Inc  
1120 Hollywood Ave Suite 3  
Oakland, CA 94602-1459  
Attention: Mr. Dai Watkins

*Surinder Sidhu*

---

Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
10/04/2007

## ANALYTICAL REPORT

Job Number: 720-11169-1

Job Description: Bay Rock Oak Walk Emeryville

For:

San Joaquin Company Inc  
1120 Hollywood Ave Suite 3  
Oakland, CA 94602-1459  
Attention: Mr. Dai Watkins

*Surinder Sidhu*

---

Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
10/15/2007

**Job Narrative**  
**720-J11169-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 27288 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.



## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-11169-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-11169-1</b>	<b>GEP-1B</b>				
Gasoline Range Organics (GRO)-C5-C12		1100	500	ug/L	8260B
Diesel Range Organics [C10-C28]		530	50	ug/L	8015B
Mineral Spirit Range Organics [C9-C13]		810	50	ug/L	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-11169-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Water</b>			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B	
Purge-and-Trap	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Separatory Funnel Liquid-Liquid Extraction	TAL SF		SW846 3510C

### Lab References:

TAL SF = TestAmerica San Francisco

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## SAMPLE SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-11169-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-11169-1	GEP-1B	Water	10/04/2007 1230	10/05/2007 1738

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11169-1

**Client Sample ID: GEP-1B**

Lab Sample ID: 720-11169-1  
Client Matrix: Water

Date Sampled: 10/04/2007 1230  
Date Received: 10/05/2007 1738

### 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-27375	Instrument ID: Varian 3900C
Preparation:	5030B		Lab File ID: c:\saturnws\data\200710\10
Dilution:	10		Initial Weight/Volume: 40 mL
Date Analyzed:	10/12/2007 1427		Final Weight/Volume: 40 mL
Date Prepared:	10/12/2007 1427		

Analyte	Result (ug/L)	Qualifier	RL
Benzene	ND		5.0
Ethylbenzene	ND		5.0
MTBE	ND		5.0
TAME	ND		5.0
Toluene	ND		5.0
Xylenes, Total	ND		10
TBA	ND		50
DIPE	ND		10
Gasoline Range Organics (GRO)-C5-C12	1100		500
Ethyl tert-butyl ether	ND		5.0
Surrogate	%Rec		Acceptance Limits
Toluene-d8 (Surr)	102		77 - 121
1,2-Dichloroethane-d4 (Surr)	84		73 - 130

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11169-1

**Client Sample ID: GEP-1B**

Lab Sample ID: 720-11169-1

Date Sampled: 10/04/2007 1230

Client Matrix: Water

Date Received: 10/05/2007 1738

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-27226	Instrument ID: HP DRO5
Preparation:	3510C	Prep Batch: 720-27118	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 250 mL
Date Analyzed:	10/10/2007 0327		Final Weight/Volume: 1 mL
Date Prepared:	10/08/2007 1233		Injection Volume:
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	530		50
Mineral Spirit Range Organics [C9-C13]	810		50
Surrogate	%Rec		Acceptance Limits
p-Terphenyl	85		50 - 150

## DATA REPORTING QUALIFIERS

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
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# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11169-1

## QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-27375</b>					
LCS 720-27375/2	Lab Control Spike	T	Water	8260B	
LCSD 720-27375/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-27375/3	Method Blank	T	Water	8260B	
720-11169-1	GEP-1B	T	Water	8260B	

### Report Basis

T = Total

## GC Semi VOA

<b>Prep Batch: 720-27118</b>					
LCS 720-27118/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-27118/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-27118/1-A	Method Blank	T	Water	3510C	
720-11169-1	GEP-1B	T	Water	3510C	
<b>Analysis Batch:720-27226</b>					
LCS 720-27118/2-A	Lab Control Spike	T	Water	8015B	720-27118
LCSD 720-27118/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-27118
MB 720-27118/1-A	Method Blank	T	Water	8015B	720-27118
720-11169-1	GEP-1B	T	Water	8015B	720-27118

### Report Basis

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11169-1

### Method Blank - Batch: 720-27375

Method: 8260B

Preparation: 5030B

Lab Sample ID: MB 720-27375/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/12/2007 1204  
Date Prepared: 10/12/2007 1204

Analysis Batch: 720-27375  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900C  
Lab File ID: c:\saturnws\data\200710\1C  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	Result	Qual	RL
Benzene	ND		0.50
Ethylbenzene	ND		0.50
MTBE	ND		0.50
TAME	ND		0.50
Toluene	ND		0.50
Xylenes, Total	ND		1.0
TBA	ND		5.0
DIPE	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Ethyl tert-butyl ether	ND		0.50
Surrogate	% Rec		Acceptance Limits
Toluene-d8 (Surr)	100		77 - 121
1,2-Dichloroethane-d4 (Surr)	88		73 - 130

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



## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11169-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-27375**

**Method: 8260B  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-27375/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/12/2007 1042  
Date Prepared: 10/12/2007 1042

Analysis Batch: 720-27375  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900C  
Lab File ID: c:\satumws\data\200710\101  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-27375/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/12/2007 1109  
Date Prepared: 10/12/2007 1109

Analysis Batch: 720-27375  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900C  
Lab File ID: c:\satumws\data\200710\101  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	87	86	69 - 129	2	20		
MTBE	94	105	65 - 165	12	20		
Toluene	92	92	70 - 130	0	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	106		105		77 - 121		
1,2-Dichloroethane-d4 (Surr)	110		110		73 - 130		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11169-1

**Method Blank - Batch: 720-27118**

**Method: 8015B**  
**Preparation: 3510C**

Lab Sample ID: MB 720-27118/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/10/2007 0446  
Date Prepared: 10/08/2007 1233

Analysis Batch: 720-27226  
Prep Batch: 720-27118  
Units: ug/L

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 250 mL  
Final Weight/Volume: 1 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		50
Mineral Spirit Range Organics [C9-C13]	ND		50
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	86	50 - 150	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-27118**

**Method: 8015B**  
**Preparation: 3510C**

LCS Lab Sample ID: LCS 720-27118/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/10/2007 0353  
Date Prepared: 10/08/2007 1233

Analysis Batch: 720-27226  
Prep Batch: 720-27118  
Units: ug/L

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 250 mL  
Final Weight/Volume: 1 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-27118/3-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 10/10/2007 0419  
Date Prepared: 10/08/2007 1233

Analysis Batch: 720-27226  
Prep Batch: 720-27118  
Units: ug/L

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 250 mL  
Final Weight/Volume: 1 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	74	74	50 - 130	0	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	79		77		50 - 150		

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

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below:

**720-11169**

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

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

'07541

LABORATORY: **TestAmerica**  
CARRIER: THE SAN JOAQUIN COMPANY INC.

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.085** Project Mgr.: **DJW**  
Sampling Team: **DJW/HBD**

WAYBILL NO.:           N/A          

SITE GLOBAL I.D. NO.: T06019705080

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
GEP-1B	water	GEP-1	n/a	n/a	10/04/07		Analyze all samples for: TPH(g)+BTEX+ TBA, MTBE, DIPE, ETBE & TAME  TPH(d) + Mineral Spirits  PLEASE PROVIDE CHROMATOGRAMS.	

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

Notes: Pricing per Bay Rock Emeryville Agreement.      Temp. 2.1°C

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	<i>DAI WALKER</i>	San Joaquin Co	—	—	10/05/07	17:38	<i>DJ Walker</i>
Received/ Relinquished by:							
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:	<i>TRACY BULLOLA</i>	<i>TAL-F</i>	10/5/07	17:38	—	—	<i>Tracy Bullola</i>

## ANALYTICAL REPORT

Job Number: 720-11502-1

Job Description: Bay Rock Oak Walk Emeryville

For:

San Joaquin Company Inc  
1120 Hollywood Ave Suite 3  
Oakland, CA 94602-1459  
Attention: Mr. Dai Watkins

*Surinder Sidhu*

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Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
11/05/2007

**Job Narrative**  
**720-J11502-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 28006 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

**GC VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

Method(s) 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 28155 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-11502-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
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No Detections

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-11502-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Solid</b>			
Volatile Organic Compounds by GC/MS (Low Level)	TAL SF	SW846 8260B	
Purge and Trap for Solids	TAL SF		SW846 5030B
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B

### Lab References:

TAL SF = TestAmerica San Francisco

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## SAMPLE SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-11502-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-11502-1	SG-6	Solid	10/29/2007 0910	10/29/2007 1700
720-11502-2	SG-5	Solid	10/29/2007 0945	10/29/2007 1700
720-11502-3	SG-1	Solid	10/29/2007 1015	10/29/2007 1700
720-11502-4	SG-3	Solid	10/29/2007 1150	10/29/2007 1700
720-11502-5	SG-2	Solid	10/29/2007 1135	10/29/2007 1700
720-11502-6	SG-4	Solid	10/29/2007 1325	10/29/2007 1700



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

Client Sample ID: SG-6

Lab Sample ID: 720-11502-1

Date Sampled: 10/29/2007 0910

Client Matrix: Solid

Date Received: 10/29/2007 1700

## 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-28006 Instrument ID: Agilent 75MSD  
Preparation: 5030B Prep Batch: 720-27990 Lab File ID: 103007019.D  
Dilution: 1.0 Initial Weight/Volume: 5.03 g  
Date Analyzed: 10/30/2007 1826 Final Weight/Volume: 10 mL  
Date Prepared: 10/30/2007 1132

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		5.0
Acetone		ND		50
Benzene		ND		5.0
Dichlorobromomethane		ND		5.0
Bromobenzene		ND		5.0
Chlorobromomethane		ND		20
Bromoform		ND		5.0
Bromomethane		ND		9.9
2-Butanone (MEK)		ND		50
n-Butylbenzene		ND		5.0
sec-Butylbenzene		ND		5.0
tert-Butylbenzene		ND		5.0
Carbon disulfide		ND		5.0
Carbon tetrachloride		ND		5.0
Chlorobenzene		ND		5.0
Chloroethane		ND		9.9
Chloroform		ND		5.0
Chloromethane		ND		9.9
2-Chlorotoluene		ND		5.0
4-Chlorotoluene		ND		5.0
Chlorodibromomethane		ND		5.0
1,2-Dichlorobenzene		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,3-Dichloropropane		ND		5.0
1,1-Dichloropropene		ND		5.0
1,2-Dibromo-3-Chloropropane		ND		50
Ethylene Dibromide		ND		5.0
Dibromomethane		ND		9.9
Dichlorodifluoromethane		ND		9.9
1,1-Dichloroethane		ND		5.0
1,2-Dichloroethane		ND		5.0
1,1-Dichloroethene		ND		5.0
cis-1,2-Dichloroethene		ND		5.0
trans-1,2-Dichloroethene		ND		5.0
1,2-Dichloropropane		ND		5.0
cis-1,3-Dichloropropene		ND		5.0
trans-1,3-Dichloropropene		ND		5.0
Ethylbenzene		ND		5.0
Hexachlorobutadiene		ND		5.0
2-Hexanone		ND		50
Isopropylbenzene		ND		5.0
4-Isopropyltoluene		ND		5.0
Methylene Chloride		ND		9.9

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-6**

Lab Sample ID: 720-11502-1  
Client Matrix: Solid

Date Sampled: 10/29/2007 0910  
Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-28006	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-27990	Lab File ID: 103007019.D
Dilution:	1.0		Initial Weight/Volume: 5.03 g
Date Analyzed:	10/30/2007 1826		Final Weight/Volume: 10 mL
Date Prepared:	10/30/2007 1132		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		50
Naphthalene		ND		9.9
N-Propylbenzene		ND		5.0
Styrene		ND		5.0
1,1,1,2-Tetrachloroethane		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Toluene		ND		5.0
1,2,3-Trichlorobenzene		ND		5.0
1,2,4-Trichlorobenzene		ND		5.0
1,1,1-Trichloroethane		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Trichloroethene		ND		5.0
Trichlorofluoromethane		ND		5.0
1,2,3-Trichloropropane		ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		5.0
1,2,4-Trimethylbenzene		ND		5.0
1,3,5-Trimethylbenzene		ND		5.0
Vinyl acetate		ND		50
Vinyl chloride		ND		5.0
Xylenes, Total		ND		9.9
2,2-Dichloropropane		ND		5.0
Surrogate		%Rec		Acceptance Limits
4-Bromofluorobenzene		87		60 - 140
1,2-Dichloroethane-d4 (Surr)		97		60 - 140
Toluene-d8 (Surr)		83		70 - 130

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-5**

Lab Sample ID: 720-11502-2  
Client Matrix: Solid

Date Sampled: 10/29/2007 0945  
Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-28006	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-27990	Lab File ID: 103007020.D
Dilution:	1.0		Initial Weight/Volume: 5.07 g
Date Analyzed:	10/30/2007 1851		Final Weight/Volume: 10 mL
Date Prepared:	10/30/2007 1132		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.9
Acetone		ND		49
Benzene		ND		4.9
Dichlorobromomethane		ND		4.9
Bromobenzene		ND		4.9
Chlorobromomethane		ND		20
Bromoform		ND		4.9
Bromomethane		ND		9.9
2-Butanone (MEK)		ND		49
n-Butylbenzene		ND		4.9
sec-Butylbenzene		ND		4.9
tert-Butylbenzene		ND		4.9
Carbon disulfide		ND		4.9
Carbon tetrachloride		ND		4.9
Chlorobenzene		ND		4.9
Chloroethane		ND		9.9
Chloroform		ND		4.9
Chloromethane		ND		9.9
2-Chlorotoluene		ND		4.9
4-Chlorotoluene		ND		4.9
Chlorodibromomethane		ND		4.9
1,2-Dichlorobenzene		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
1,3-Dichloropropane		ND		4.9
1,1-Dichloropropene		ND		4.9
1,2-Dibromo-3-Chloropropane		ND		49
Ethylene Dibromide		ND		4.9
Dibromomethane		ND		9.9
Dichlorodifluoromethane		ND		9.9
1,1-Dichloroethane		ND		4.9
1,2-Dichloroethane		ND		4.9
1,1-Dichloroethene		ND		4.9
cis-1,2-Dichloroethene		ND		4.9
trans-1,2-Dichloroethene		ND		4.9
1,2-Dichloropropane		ND		4.9
cis-1,3-Dichloropropene		ND		4.9
trans-1,3-Dichloropropene		ND		4.9
Ethylbenzene		ND		4.9
Hexachlorobutadiene		ND		4.9
2-Hexanone		ND		49
Isopropylbenzene		ND		4.9
4-Isopropyltoluene		ND		4.9
Methylene Chloride		ND		9.9

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-5**

Lab Sample ID: 720-11502-2  
Client Matrix: Solid

Date Sampled: 10/29/2007 0945  
Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-28006	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-27990	Lab File ID: 103007020.D
Dilution:	1.0		Initial Weight/Volume: 5.07 g
Date Analyzed:	10/30/2007 1851		Final Weight/Volume: 10 mL
Date Prepared:	10/30/2007 1132		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		49
Naphthalene		ND		9.9
N-Propylbenzene		ND		4.9
Styrene		ND		4.9
1,1,1,2-Tetrachloroethane		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
Tetrachloroethene		ND		4.9
Toluene		ND		4.9
1,2,3-Trichlorobenzene		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9
1,1,1-Trichloroethane		ND		4.9
1,1,2-Trichloroethane		ND		4.9
Trichloroethene		ND		4.9
Trichlorofluoromethane		ND		4.9
1,2,3-Trichloropropane		ND		4.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.9
1,2,4-Trimethylbenzene		ND		4.9
1,3,5-Trimethylbenzene		ND		4.9
Vinyl acetate		ND		49
Vinyl chloride		ND		4.9
Xylenes, Total		ND		9.9
2,2-Dichloropropane		ND		4.9

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	76	60 - 140
1,2-Dichloroethane-d4 (Surr)	96	60 - 140
Toluene-d8 (Surr)	83	70 - 130

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-1**

Lab Sample ID: 720-11502-3  
 Client Matrix: Solid

Date Sampled: 10/29/2007 1015  
 Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-28006	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-27990	Lab File ID: 103007021.D
Dilution:	1.0		Initial Weight/Volume: 5.08 g
Date Analyzed:	10/30/2007 1916		Final Weight/Volume: 10 mL
Date Prepared:	10/30/2007 1132		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.9
Acetone		ND		49
Benzene		ND		4.9
Dichlorobromomethane		ND		4.9
Bromobenzene		ND		4.9
Chlorobromomethane		ND		20
Bromoform		ND		4.9
Bromomethane		ND		9.8
2-Butanone (MEK)		ND		49
n-Butylbenzene		ND		4.9
sec-Butylbenzene		ND		4.9
tert-Butylbenzene		ND		4.9
Carbon disulfide		ND		4.9
Carbon tetrachloride		ND		4.9
Chlorobenzene		ND		4.9
Chloroethane		ND		9.8
Chloroform		ND		4.9
Chloromethane		ND		9.8
2-Chlorotoluene		ND		4.9
4-Chlorotoluene		ND		4.9
Chlorodibromomethane		ND		4.9
1,2-Dichlorobenzene		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
1,3-Dichloropropane		ND		4.9
1,1-Dichloropropene		ND		4.9
1,2-Dibromo-3-Chloropropane		ND		49
Ethylene Dibromide		ND		4.9
Dibromomethane		ND		9.8
Dichlorodifluoromethane		ND		9.8
1,1-Dichloroethane		ND		4.9
1,2-Dichloroethane		ND		4.9
1,1-Dichloroethene		ND		4.9
cis-1,2-Dichloroethene		ND		4.9
trans-1,2-Dichloroethene		ND		4.9
1,2-Dichloropropane		ND		4.9
cis-1,3-Dichloropropene		ND		4.9
trans-1,3-Dichloropropene		ND		4.9
Ethylbenzene		ND		4.9
Hexachlorobutadiene		ND		4.9
2-Hexanone		ND		49
Isopropylbenzene		ND		4.9
4-Isopropyltoluene		ND		4.9
Methylene Chloride		ND		9.8

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-1**

Lab Sample ID: 720-11502-3  
Client Matrix: Solid

Date Sampled: 10/29/2007 1015  
Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-28006	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-27990	Lab File ID: 103007021.D
Dilution:	1.0		Initial Weight/Volume: 5.08 g
Date Analyzed:	10/30/2007 1916		Final Weight/Volume: 10 mL
Date Prepared:	10/30/2007 1132		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		49
Naphthalene		ND		9.8
N-Propylbenzene		ND		4.9
Styrene		ND		4.9
1,1,1,2-Tetrachloroethane		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
Tetrachloroethene		ND		4.9
Toluene		ND		4.9
1,2,3-Trichlorobenzene		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9
1,1,1-Trichloroethane		ND		4.9
1,1,2-Trichloroethane		ND		4.9
Trichloroethene		ND		4.9
Trichlorofluoromethane		ND		4.9
1,2,3-Trichloropropane		ND		4.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.9
1,2,4-Trimethylbenzene		ND		4.9
1,3,5-Trimethylbenzene		ND		4.9
Vinyl acetate		ND		49
Vinyl chloride		ND		4.9
Xylenes, Total		ND		9.8
2,2-Dichloropropane		ND		4.9
Surrogate		%Rec		Acceptance Limits
4-Bromofluorobenzene		94		60 - 140
1,2-Dichloroethane-d4 (Surr)		97		60 - 140
Toluene-d8 (Surr)		90		70 - 130

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

Client Sample ID: SG-3

Lab Sample ID: 720-11502-4

Client Matrix: Solid

Date Sampled: 10/29/2007 1150

Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method: 8260B Analysis Batch: 720-28006 Instrument ID: Agilent 75MSD  
Preparation: 5030B Prep Batch: 720-27990 Lab File ID: 103007022.D  
Dilution: 1.0 Initial Weight/Volume: 5.02 g  
Date Analyzed: 10/30/2007 1941 Final Weight/Volume: 10 mL  
Date Prepared: 10/30/2007 1132

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		5.0
Acetone		ND		50
Benzene		ND		5.0
Dichlorobromomethane		ND		5.0
Bromobenzene		ND		5.0
Chlorobromomethane		ND		20
Bromoform		ND		5.0
Bromomethane		ND		10
2-Butanone (MEK)		ND		50
n-Butylbenzene		ND		5.0
sec-Butylbenzene		ND		5.0
tert-Butylbenzene		ND		5.0
Carbon disulfide		ND		5.0
Carbon tetrachloride		ND		5.0
Chlorobenzene		ND		5.0
Chloroethane		ND		10
Chloroform		ND		5.0
Chloromethane		ND		10
2-Chlorotoluene		ND		5.0
4-Chlorotoluene		ND		5.0
Chlorodibromomethane		ND		5.0
1,2-Dichlorobenzene		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,3-Dichloropropane		ND		5.0
1,1-Dichloropropene		ND		5.0
1,2-Dibromo-3-Chloropropane		ND		50
Ethylene Dibromide		ND		5.0
Dibromomethane		ND		10
Dichlorodifluoromethane		ND		10
1,1-Dichloroethane		ND		5.0
1,2-Dichloroethane		ND		5.0
1,1-Dichloroethene		ND		5.0
cis-1,2-Dichloroethene		ND		5.0
trans-1,2-Dichloroethene		ND		5.0
1,2-Dichloropropane		ND		5.0
cis-1,3-Dichloropropene		ND		5.0
trans-1,3-Dichloropropene		ND		5.0
Ethylbenzene		ND		5.0
Hexachlorobutadiene		ND		5.0
2-Hexanone		ND		50
Isopropylbenzene		ND		5.0
4-Isopropyltoluene		ND		5.0
Methylene Chloride		ND		10

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-3**

Lab Sample ID: 720-11502-4  
Client Matrix: Solid

Date Sampled: 10/29/2007 1150  
Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-28006	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-27990	Lab File ID: 103007022.D
Dilution:	1.0		Initial Weight/Volume: 5.02 g
Date Analyzed:	10/30/2007 1941		Final Weight/Volume: 10 mL
Date Prepared:	10/30/2007 1132		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		50
Naphthalene		ND		10
N-Propylbenzene		ND		5.0
Styrene		ND		5.0
1,1,1,2-Tetrachloroethane		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Toluene		ND		5.0
1,2,3-Trichlorobenzene		ND		5.0
1,2,4-Trichlorobenzene		ND		5.0
1,1,1-Trichloroethane		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Trichloroethene		ND		5.0
Trichlorofluoromethane		ND		5.0
1,2,3-Trichloropropane		ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		5.0
1,2,4-Trimethylbenzene		ND		5.0
1,3,5-Trimethylbenzene		ND		5.0
Vinyl acetate		ND		50
Vinyl chloride		ND		5.0
Xylenes, Total		ND		10
2,2-Dichloropropane		ND		5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	84	60 - 140
1,2-Dichloroethane-d4 (Surr)	106	60 - 140
Toluene-d8 (Surr)	86	70 - 130



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-2**

Lab Sample ID: 720-11502-5  
Client Matrix: Solid

Date Sampled: 10/29/2007 1135  
Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-28006	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-27990	Lab File ID: 103007023.D
Dilution:	1.0		Initial Weight/Volume: 5.01 g
Date Analyzed:	10/30/2007 2006		Final Weight/Volume: 10 mL
Date Prepared:	10/30/2007 1132		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		5.0
Acetone		ND		50
Benzene		ND		5.0
Dichlorobromomethane		ND		5.0
Bromobenzene		ND		5.0
Chlorobromomethane		ND		20
Bromoform		ND		5.0
Bromomethane		ND		10
2-Butanone (MEK)		ND		50
n-Butylbenzene		ND		5.0
sec-Butylbenzene		ND		5.0
tert-Butylbenzene		ND		5.0
Carbon disulfide		ND		5.0
Carbon tetrachloride		ND		5.0
Chlorobenzene		ND		5.0
Chloroethane		ND		10
Chloroform		ND		5.0
Chloromethane		ND		10
2-Chlorotoluene		ND		5.0
4-Chlorotoluene		ND		5.0
Chlorodibromomethane		ND		5.0
1,2-Dichlorobenzene		ND		5.0
1,3-Dichlorobenzene		ND		5.0
1,4-Dichlorobenzene		ND		5.0
1,3-Dichloropropane		ND		5.0
1,1-Dichloropropene		ND		5.0
1,2-Dibromo-3-Chloropropane		ND		50
Ethylene Dibromide		ND		5.0
Dibromomethane		ND		10
Dichlorodifluoromethane		ND		10
1,1-Dichloroethane		ND		5.0
1,2-Dichloroethane		ND		5.0
1,1-Dichloroethene		ND		5.0
cis-1,2-Dichloroethene		ND		5.0
trans-1,2-Dichloroethene		ND		5.0
1,2-Dichloropropane		ND		5.0
cis-1,3-Dichloropropene		ND		5.0
trans-1,3-Dichloropropene		ND		5.0
Ethylbenzene		ND		5.0
Hexachlorobutadiene		ND		5.0
2-Hexanone		ND		50
Isopropylbenzene		ND		5.0
4-Isopropyltoluene		ND		5.0
Methylene Chloride		ND		10

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-2**

Lab Sample ID: 720-11502-5  
Client Matrix: Solid

Date Sampled: 10/29/2007 1135  
Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-28006	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-27990	Lab File ID: 103007023.D
Dilution:	1.0		Initial Weight/Volume: 5.01 g
Date Analyzed:	10/30/2007 2006		Final Weight/Volume: 10 mL
Date Prepared:	10/30/2007 1132		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		50
Naphthalene		ND		10
N-Propylbenzene		ND		5.0
Styrene		ND		5.0
1,1,1,2-Tetrachloroethane		ND		5.0
1,1,2,2-Tetrachloroethane		ND		5.0
Tetrachloroethene		ND		5.0
Toluene		ND		5.0
1,2,3-Trichlorobenzene		ND		5.0
1,2,4-Trichlorobenzene		ND		5.0
1,1,1-Trichloroethane		ND		5.0
1,1,2-Trichloroethane		ND		5.0
Trichloroethene		ND		5.0
Trichlorofluoromethane		ND		5.0
1,2,3-Trichloropropane		ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		5.0
1,2,4-Trimethylbenzene		ND		5.0
1,3,5-Trimethylbenzene		ND		5.0
Vinyl acetate		ND		50
Vinyl chloride		ND		5.0
Xylenes, Total		ND		10
2,2-Dichloropropane		ND		5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	89	60 - 140
1,2-Dichloroethane-d4 (Surr)	100	60 - 140
Toluene-d8 (Surr)	86	70 - 130

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-4**

Lab Sample ID: 720-11502-6  
Client Matrix: Solid

Date Sampled: 10/29/2007 1325  
Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-28006	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-27990	Lab File ID: 103007024.D
Dilution:	1.0		Initial Weight/Volume: 5.08 g
Date Analyzed:	10/30/2007 2031		Final Weight/Volume: 10 mL
Date Prepared:	10/30/2007 1132		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.9
Acetone		ND		49
Benzene		ND		4.9
Dichlorobromomethane		ND		4.9
Bromobenzene		ND		4.9
Chlorobromomethane		ND		20
Bromoform		ND		4.9
Bromomethane		ND		9.8
2-Butanone (MEK)		ND		49
n-Butylbenzene		ND		4.9
sec-Butylbenzene		ND		4.9
tert-Butylbenzene		ND		4.9
Carbon disulfide		ND		4.9
Carbon tetrachloride		ND		4.9
Chlorobenzene		ND		4.9
Chloroethane		ND		9.8
Chloroform		ND		4.9
Chloromethane		ND		9.8
2-Chlorotoluene		ND		4.9
4-Chlorotoluene		ND		4.9
Chlorodibromomethane		ND		4.9
1,2-Dichlorobenzene		ND		4.9
1,3-Dichlorobenzene		ND		4.9
1,4-Dichlorobenzene		ND		4.9
1,3-Dichloropropane		ND		4.9
1,1-Dichloropropene		ND		4.9
1,2-Dibromo-3-Chloropropane		ND		49
Ethylene Dibromide		ND		4.9
Dibromomethane		ND		9.8
Dichlorodifluoromethane		ND		9.8
1,1-Dichloroethane		ND		4.9
1,2-Dichloroethane		ND		4.9
1,1-Dichloroethene		ND		4.9
cis-1,2-Dichloroethene		ND		4.9
trans-1,2-Dichloroethene		ND		4.9
1,2-Dichloropropane		ND		4.9
cis-1,3-Dichloropropene		ND		4.9
trans-1,3-Dichloropropene		ND		4.9
Ethylbenzene		ND		4.9
Hexachlorobutadiene		ND		4.9
2-Hexanone		ND		49
Isopropylbenzene		ND		4.9
4-Isopropyltoluene		ND		4.9
Methylene Chloride		ND		9.8

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-4**

Lab Sample ID: 720-11502-6  
Client Matrix: Solid

Date Sampled: 10/29/2007 1325  
Date Received: 10/29/2007 1700

### 8260B Volatile Organic Compounds by GC/MS (Low Level)

Method:	8260B	Analysis Batch: 720-28006	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-27990	Lab File ID: 103007024.D
Dilution:	1.0		Initial Weight/Volume: 5.08 g
Date Analyzed:	10/30/2007 2031		Final Weight/Volume: 10 mL
Date Prepared:	10/30/2007 1132		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		49
Naphthalene		ND		9.8
N-Propylbenzene		ND		4.9
Styrene		ND		4.9
1,1,1,2-Tetrachloroethane		ND		4.9
1,1,2,2-Tetrachloroethane		ND		4.9
Tetrachloroethene		ND		4.9
Toluene		ND		4.9
1,2,3-Trichlorobenzene		ND		4.9
1,2,4-Trichlorobenzene		ND		4.9
1,1,1-Trichloroethane		ND		4.9
1,1,2-Trichloroethane		ND		4.9
Trichloroethene		ND		4.9
Trichlorofluoromethane		ND		4.9
1,2,3-Trichloropropane		ND		4.9
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.9
1,2,4-Trimethylbenzene		ND		4.9
1,3,5-Trimethylbenzene		ND		4.9
Vinyl acetate		ND		49
Vinyl chloride		ND		4.9
Xylenes, Total		ND		9.8
2,2-Dichloropropane		ND		4.9
Surrogate		%Rec		Acceptance Limits
4-Bromofluorobenzene		87		60 - 140
1,2-Dichloroethane-d4 (Surr)		98		60 - 140
Toluene-d8 (Surr)		87		70 - 130

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

Client Sample ID: SG-6

Lab Sample ID: 720-11502-1  
Client Matrix: Solid

Date Sampled: 10/29/2007 0910  
Date Received: 10/29/2007 1700

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-28155	Instrument ID: Varian DRO4
Preparation:	3550B	Prep Batch: 720-27982	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.28 g
Date Analyzed:	10/31/2007 1030		Final Weight/Volume: 5 mL
Date Prepared:	10/30/2007 1033		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		81		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-5**

Lab Sample ID: 720-11502-2

Date Sampled: 10/29/2007 0945

Client Matrix: Solid

Date Received: 10/29/2007 1700

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-28155	Instrument ID: Varian DRO4
Preparation:	3550B	Prep Batch: 720-27982	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.21 g
Date Analyzed:	10/31/2007 1305		Final Weight/Volume: 5 mL
Date Prepared:	10/30/2007 1033		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		69		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-1**

Lab Sample ID: 720-11502-3

Date Sampled: 10/29/2007 1015

Client Matrix: Solid

Date Received: 10/29/2007 1700

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-28155	Instrument ID: Varian DRO4
Preparation:	3550B	Prep Batch: 720-27982	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.32 g
Date Analyzed:	10/31/2007 1357		Final Weight/Volume: 5 mL
Date Prepared:	10/30/2007 1033		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		70		40 - 119





## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Client Sample ID: SG-2**

Lab Sample ID: 720-11502-5  
Client Matrix: Solid

Date Sampled: 10/29/2007 1135  
Date Received: 10/29/2007 1700

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-28155	Instrument ID: Varian DRO4
Preparation:	3550B	Prep Batch: 720-27982	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.31 g
Date Analyzed:	10/31/2007 1121		Final Weight/Volume: 5 mL
Date Prepared:	10/30/2007 1033		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	82	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-11502-1

Client Sample ID: SG-4

Lab Sample ID: 720-11502-6

Date Sampled: 10/29/2007 1325

Client Matrix: Solid

Date Received: 10/29/2007 1700

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### 8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 720-28155	Instrument ID: Varian DRO4
Preparation:	3550B	Prep Batch: 720-27982	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.39 g
Date Analyzed:	10/31/2007 1147		Final Weight/Volume: 5 mL
Date Prepared:	10/30/2007 1033		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	73	40 - 119

**DATA REPORTING QUALIFIERS**

Client: San Joaquin Company Inc

Job Number: 720-11502-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC Semi VOA	F	MS or MSD exceeds the control limits

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11502-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-27990</b>					
LCS 720-27990/1-A	Lab Control Spike	T	Solid	5030B	
MB 720-27990/2-A	Method Blank	T	Solid	5030B	
720-11502-1	SG-6	T	Solid	5030B	
720-11502-2	SG-5	T	Solid	5030B	
720-11502-3	SG-1	T	Solid	5030B	
720-11502-4	SG-3	T	Solid	5030B	
720-11502-5	SG-2	T	Solid	5030B	
720-11502-6	SG-4	T	Solid	5030B	
<b>Analysis Batch:720-28006</b>					
LCS 720-27990/1-A	Lab Control Spike	T	Solid	8260B	720-27990
MB 720-27990/2-A	Method Blank	T	Solid	8260B	720-27990
720-11502-1	SG-6	T	Solid	8260B	720-27990
720-11502-2	SG-5	T	Solid	8260B	720-27990
720-11502-3	SG-1	T	Solid	8260B	720-27990
720-11502-4	SG-3	T	Solid	8260B	720-27990
720-11502-5	SG-2	T	Solid	8260B	720-27990
720-11502-6	SG-4	T	Solid	8260B	720-27990

#### Report Basis

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11502-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-27982</b>					
LCS 720-27982/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-27982/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-27982/1-A	Method Blank	T	Solid	3550B	
720-11502-1	SG-6	T	Solid	3550B	
720-11502-2	SG-5	T	Solid	3550B	
720-11502-3	SG-1	T	Solid	3550B	
720-11502-4	SG-3	T	Solid	3550B	
720-11502-5	SG-2	T	Solid	3550B	
720-11502-6	SG-4	T	Solid	3550B	
720-11502-6MS	Matrix Spike	T	Solid	3550B	
720-11502-6MSD	Matrix Spike Duplicate	T	Solid	3550B	
<b>Analysis Batch:720-28155</b>					
LCS 720-27982/2-A	Lab Control Spike	T	Solid	8015B	720-27982
LCSD 720-27982/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-27982
MB 720-27982/1-A	Method Blank	T	Solid	8015B	720-27982
720-11502-1	SG-6	T	Solid	8015B	720-27982
720-11502-2	SG-5	T	Solid	8015B	720-27982
720-11502-3	SG-1	T	Solid	8015B	720-27982
720-11502-4	SG-3	T	Solid	8015B	720-27982
720-11502-5	SG-2	T	Solid	8015B	720-27982
720-11502-6	SG-4	T	Solid	8015B	720-27982
720-11502-6MS	Matrix Spike	T	Solid	8015B	720-27982
720-11502-6MSD	Matrix Spike Duplicate	T	Solid	8015B	720-27982

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11502-1

### Method Blank - Batch: 720-27990

Method: 8260B  
Preparation: 5030B

Lab Sample ID: MB 720-27990/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/30/2007 1210  
Date Prepared: 10/30/2007 1132

Analysis Batch: 720-28006  
Prep Batch: 720-27990  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 103007004.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Methyl tert-butyl ether	ND		5.0
Acetone	ND		50
Benzene	ND		5.0
Dichlorobromomethane	ND		5.0
Bromobenzene	ND		5.0
Chlorobromomethane	ND		20
Bromoform	ND		5.0
Bromomethane	ND		10
2-Butanone (MEK)	ND		50
n-Butylbenzene	ND		5.0
sec-Butylbenzene	ND		5.0
tert-Butylbenzene	ND		5.0
Carbon disulfide	ND		5.0
Carbon tetrachloride	ND		5.0
Chlorobenzene	ND		5.0
Chloroethane	ND		10
Chloroform	ND		5.0
Chloromethane	ND		10
2-Chlorotoluene	ND		5.0
4-Chlorotoluene	ND		5.0
Chlorodibromomethane	ND		5.0
1,2-Dichlorobenzene	ND		5.0
1,3-Dichlorobenzene	ND		5.0
1,4-Dichlorobenzene	ND		5.0
1,3-Dichloropropane	ND		5.0
1,1-Dichloropropene	ND		5.0
1,2-Dibromo-3-Chloropropane	ND		50
Ethylene Dibromide	ND		5.0
Dibromomethane	ND		10
Dichlorodifluoromethane	ND		10
1,1-Dichloroethane	ND		5.0
1,2-Dichloroethane	ND		5.0
1,1-Dichloroethene	ND		5.0
cis-1,2-Dichloroethene	ND		5.0
trans-1,2-Dichloroethene	ND		5.0
1,2-Dichloropropane	ND		5.0
cis-1,3-Dichloropropene	ND		5.0
trans-1,3-Dichloropropene	ND		5.0
Ethylbenzene	ND		5.0
Hexachlorobutadiene	ND		5.0
2-Hexanone	ND		50

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Method Blank - Batch: 720-27990**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-27990/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/30/2007 1210  
Date Prepared: 10/30/2007 1132

Analysis Batch: 720-28006  
Prep Batch: 720-27990  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 103007004.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Isopropylbenzene	ND		5.0
4-Isopropyltoluene	ND		5.0
Methylene Chloride	ND		10
4-Methyl-2-pentanone (MIBK)	ND		50
Naphthalene	ND		10
N-Propylbenzene	ND		5.0
Styrene	ND		5.0
1,1,1,2-Tetrachloroethane	ND		5.0
1,1,2,2-Tetrachloroethane	ND		5.0
Tetrachloroethene	ND		5.0
Toluene	ND		5.0
1,2,3-Trichlorobenzene	ND		5.0
1,2,4-Trichlorobenzene	ND		5.0
1,1,1-Trichloroethane	ND		5.0
1,1,2-Trichloroethane	ND		5.0
Trichloroethene	ND		5.0
Trichlorofluoromethane	ND		5.0
1,2,3-Trichloropropane	ND		5.0
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0
1,2,4-Trimethylbenzene	ND		5.0
1,3,5-Trimethylbenzene	ND		5.0
Vinyl acetate	ND		50
Vinyl chloride	ND		5.0
Xylenes, Total	ND		10
2,2-Dichloropropane	ND		5.0
Surrogate	% Rec	Acceptance Limits	
4-Bromofluorobenzene	113	60 - 140	
1,2-Dichloroethane-d4 (Surr)	101	60 - 140	
Toluene-d8 (Surr)	100	70 - 130	

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11502-1

### Lab Control Spike - Batch: 720-27990

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: LCS 720-27990/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/30/2007 1145  
Date Prepared: 10/30/2007 1132

Analysis Batch: 720-28006  
Prep Batch: 720-27990  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 103007003.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzene	100	104	104	69 - 129	
Chlorobenzene	100	105	105	61 - 121	
1,1-Dichloroethene	100	121	121	65 - 125	
Toluene	100	107	107	70 - 130	
Trichloroethene	100	106	106	74 - 134	
Surrogate		% Rec		Acceptance Limits	
4-Bromofluorobenzene		110		60 - 140	
1,2-Dichloroethane-d4 (Surr)		99		60 - 140	
Toluene-d8 (Surr)		97		70 - 130	

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



## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Method Blank - Batch: 720-27982**

**Method: 8015B**  
**Preparation: 3550B**

Lab Sample ID: MB 720-27982/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/31/2007 1004  
Date Prepared: 10/30/2007 1033

Analysis Batch: 720-28155  
Prep Batch: 720-27982  
Units: mg/Kg

Instrument ID: Varian DRO4  
Lab File ID: N/A  
Initial Weight/Volume: 30.27 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		0.99
Mineral Spirit Range Organics [C9-C13]	ND		0.99
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	65	40 - 119	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-27982**

**Method: 8015B**  
**Preparation: 3550B**

LCS Lab Sample ID: LCS 720-27982/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/31/2007 1331  
Date Prepared: 10/30/2007 1033

Analysis Batch: 720-28155  
Prep Batch: 720-27982  
Units: mg/Kg

Instrument ID: Varian DRO4  
Lab File ID: N/A  
Initial Weight/Volume: 30.31 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-27982/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/31/2007 1423  
Date Prepared: 10/30/2007 1033

Analysis Batch: 720-28155  
Prep Batch: 720-27982  
Units: mg/Kg

Instrument ID: Varian DRO4  
Lab File ID: N/A  
Initial Weight/Volume: 30.17 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	56	59	50 - 130	5	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	69		74		40 - 119		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-11502-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-27982**

**Method: 8015B  
Preparation: 3550B**

MS Lab Sample ID: 720-11502-6  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/31/2007 1213  
Date Prepared: 10/30/2007 1033

Analysis Batch: 720-28155  
Prep Batch: 720-27982

Instrument ID: Varian DRO4  
Lab File ID: N/A  
Initial Weight/Volume: 30.36 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

MSD Lab Sample ID: 720-11502-6  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/31/2007 1239  
Date Prepared: 10/30/2007 1033

Analysis Batch: 720-28155  
Prep Batch: 720-27982

Instrument ID: Varian DRO4  
Lab File ID: N/A  
Initial Weight/Volume: 30.14 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C28]	52	49	50 - 130	5	30		F
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
p-Terphenyl		65	74			40 - 119	

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

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

107881

Transmit results to office checked below:

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

SG  
Soil

LABORATORY: **TestAmerica**  
CARRIER: THE SAN JOAQUIN COMPANY INC.

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.085** Project Mgr.: **D. J. Watkins**  
Sampling Team: **DJW/AO**

WAYBILL NO.:           N/A          

**720-11502**

SITE GLOBAL I.D. NO.: T06019705080

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
SG-6	Soil	n/a	n/a	n/a	10/29/07	9:10	<div style="border: 1px solid gray; padding: 5px;">                     Analyze all samples for:                       EPA Method 8260B Full List Scan                       TPH(d) + Mineral Spirits                 </div>	
SG-5						9:45		
SG-1						10:15		
SG-3						11:50		
SG-2						11:35		
SG-4						11:25		

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

Notes: Pricing per Bay Rock Emeryville Agreement - GeoTracker EDD EDF Required.

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	ADESGUN CLAWREWDU	San Joaquin Co	—	—	10/29/07	17:01	<i>[Signature]</i>
Received/ Relinquished by:							
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:	T. Buller	TAL-SF	10/29/07	17:00	—	—	<i>[Signature]</i>

Temp 2.5°C



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

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

December 3, 2007

LOT NUMBER: E7J310308A  
NELAP Certification Number: 01118CA/E87652  
PO/CONTRACT: 720-11498

Surinder Sidhu  
TestAmerica San Francisco  
1220 Quarry Lane  
Pleasanton, CA 94566

Dear Ms. Surinder Sidhu,

This **amended** report contains the analytical results for the eight samples received under chain of custody by TestAmerica Los Angeles, on October 31, 2007. These samples are associated with your Bay Rock Oak Walk Emeryville project.

**This report has been amended to reflect the client-requested concentration units.**

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

TestAmerica Los Angeles certifies that the tests performed at our facility meet all NELAP requirements for parameters for which accreditation is required or available. The case narrative is an integral part of the report. This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at (714) 258-8610, extension 323.

Sincerely,

Terry Swart  
Project Management Assistant

CC: Project File

There are 000037 pages in this report.

**TestAmerica San Francisco**

1220 Quarry Lane  
 Pleasanton, CA 94566  
 Phone (925) 484-1919 Fax (925) 484-1096

**Chain of Custody Record**

*E7J310308*

**TestAmerica**

THE LEADER IN ENVIRONMENTAL TESTING

<b>Client Information (Sub Contract Lab)</b>	Sampler:	Lab PM: Sidhu, Surinder	Carrier Tracking No(s):	COC No: 720-2544.1
	Client Contact: Shipping/Receiving	Phone:		E-Mail: surinder.sidhu@testamericainc.com

Company: TestAmerica Laboratories, Inc.	<b>Analysis Requested</b>			STL Job #: 720-11498-1
--	---------------------------	--	--	---------------------------

Address: 1721 South Grand Avenue, City: Santa Ana State, Zip: CA, 92705 Phone: 714-258-8610(Tel) 714-258-0921(Fax) Email:	Due Date Requested: 11/5/2007 TAT Requested (days):	PO #:	WO #:	Field Filtered Sample (Yes or No) Performs MS/MSD (Yes or No) SUBCONTRACT/ <i>10/15</i>	Total Number of Containers	<b>Preservation Codes:</b> A - HCL                      M - Hexane B - NaOH                    N - None C - Zn Acetate            O - AsNaO2 D - Nitric Acid            P - Na2O4S E - NaHSO4                Q - Na2SO3 F - MeOH                    R - Na2S2SO3 G - Amchlor                S - H2SO4 H - Ascorbic Acid        T - TSP Dodecahydrate I - Ice                        U - Acetone J - DI Water                V - MCAA K - EDTA                    W - ph 4-5 L - EDA                      Z - other (specify) Other:
Project Name: Bay Rock Oak Walk Emeryville Site:	Project #: 72001891 SSOW#:					

<i>THE SAN JOAQUIN COMPANY</i>		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Performs MS/MSD (Yes or No)	SUBCONTRACT/	Total Number of Containers	Special Instructions/Note:
Sample Identification	Client ID (Lab ID)				Preservation Code					
	SG-5 (720-11498-1)	10/29/07			Summa Can	X			1	
	SG-1 (720-11498-2)	10/29/07			Summa Can	X			1	
	SG-6 (720-11498-3)	10/29/07			Summa Can	X			1	
	SG-2 (720-11498-4)	10/29/07			Summa Can	X			1	
	SG-3 (720-11498-5)	10/29/07			Summa Can	X			1	
	SG-4 (720-11498-6)	10/29/07			Summa Can	X			1	

<b>Possible Hazard Identification</b> <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological	<b>Sample Disposal ( A fee may be assessed if samples are retained longer than 1 month)</b> <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months
---	---

Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:
--	---------------------------------------

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
----------------------------	-------	-------	---------------------

Relinquished by: <i>[Signature]</i>	Date/Time: 10/30/07 1530	Company: <i>TA-SF</i>	Received by: <i>[Signature]</i>	Date/Time: 10/31/07 0945	Company: <i>TA-LA</i>
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
---	-------------------	---

E7J310308A

2

SG Canisters

# TestAmerica

TESTAMERICA San Francisco Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756

Phone: (925) 484-1919 • Fax: (925) 600-3002

Email: [sflogin@stl-inc.com](mailto:sflogin@stl-inc.com)

Reference #: 107879

Date 10/29/07 Page 1 of 2

### Report To

Attn: D.S. Watkins  
 Company: The San Joaquin Co  
 Address: 1120 Hollywood Ave #3  
 Phone: 510 336 9118 Email: dsw@sanjoaquin.com  
 Bill To: SJC Oakland Sampled By: DJW/AO  
 Attn: DJ Watkins Phone: 510 336 9118

### Analysis Request

EPA 821  Silica Gel  
 Diesel  Other  
 Fuel Tests EPA 801  Gas  BTEX  
 Total Oxygens  EPA  EDB   
 Purgeable Halocarbons  
 (HVOC) EPA 801 by 8260B  
 Volatile Organics (VOCs)  
 EPA 8260B  8271  
 Semi-volatiles (SVOCs)  
 EPA 8270  8271  
 Oil and Grease  Petroleum  
 EPA 1664  Total  
 Pesticides  EPA 8081  608  
 PCBs  EPA 8082  608  
 PNAS by  8270  8310  
 CAM17 Metals  
 (EPA 6010/7470/7471)  
 Metals:  Lead  LUFT  RCRA  
 Other:  
 Low Level Metals by EPA 200.8/6020  
 (ICP-MS):  
 W.E.T (STLC)  
 TCLP  
 Hexavalent Chromium  
 pH (24h hold time for H<sub>2</sub>O)  
 Spec Cond.  Alkalinity  
 TSS  TDS   
 Anions:  Cl  SO<sub>4</sub>  NO<sub>3</sub>  F  
  Br  NO<sub>2</sub>  PO<sub>4</sub>

Sample ID	Date	Time	Mat rx	Pres erv.	Lab #	Canister #	Valve #
SG-5	10/29/07	-30	-5	9:24	12606	HF091	
SG-1		-30	-5	9:49	10905	HF132	
SG-6		-30	-5	8:20	9:05	HF113	
SG-2	✓	-30	-10	10:34	9:25	HF012	
SG-3		-30	-5	11:09	11:58	HF035	
SG-4	✓	-30	-5	11:57	12:17	HF131	

# COPY

10-15

**Project Info.**  
 Project Name: Bay Back Out work  
 Project#: Soil Gas  
 PO#: Canisters  
 Credit Card#: 23.9 C

**Sample Receipt**  
 # of Containers: 6  
 Head Space:  
 Temp: 23.9 C  
 Conforms to record:

1) Relinquished by: Adeseun Olanrewaju 1701  
 Signature: \_\_\_\_\_ Time: \_\_\_\_\_  
 Printed Name: Adeseun Olanrewaju Date: 10/29/07  
 Company: The San Joaquin Co. Inc.

2) Relinquished by:  
 Signature: \_\_\_\_\_ Time: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_

3) Relinquished by:  
 Signature: \_\_\_\_\_ Time: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_

T  
A  
T

5 Day 72h 48h 24h Other:

Report:  Routine  Level 3  Level 4  EDD  State Tank Fund EDF  
 Special Instructions / Comments:  Global ID

See Terms and Conditions on reverse  
 \*TestAmerica SF reports 8015M from C<sub>9</sub>-C<sub>24</sub> (industry norm). Default for 8015B is

1) Received by: T. Bullen 1700  
 Signature: \_\_\_\_\_ Time: \_\_\_\_\_  
 Printed Name: T. Bullen Date: 10/29/07  
 Company: TAC-SF

2) Received by:  
 Signature: \_\_\_\_\_ Time: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_

3) Received by:  
 Signature: \_\_\_\_\_ Time: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_

# CANISTER QC CERTIFICATION

**TestAmerica**  
THE LEADER IN ENVIRONMENTAL TESTING

Certification Type: TO-15 ML

Date Cleaned/Batch 101907A

Date of QC 10-22-07

Data File Number MS10221 (MSB)

## CANISTER ID NUMBERS

\*9732B ✓

12812 ✓

93108 ✓

04189 ✓

93240

12331

93295

12606 ✓

92012 ✓

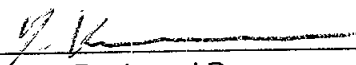
92054 ✓

12635 ✓

61

The above canisters were cleaned as a batch. This certifies this batch contains no target analyte concentration greater than or equal to the method criteria for the "Certification Type" indicated above.

**"\*" INDICATES THE CAN OR CANS WHICH WERE SCREENED.**

  
Reviewed By:

10-22-07  
Date:

N:\CONDOCS\TestAmerica\DOCs\Can QC Cert 20070712.doc

STL Los Angeles

AIR TOXICS - TO-14A/TO-15 MEDIUM LEVEL

Data file : \\LAPC065\MSB\_DD\chem\gcmsb.i\071022.B\MB10221.D  
 Lab Smp Id: BLANK Client Smp ID: 9732B  
 Inj Date : 22-OCT-2007 09:53  
 Operator : DLK Inst ID: gcmsb.i  
 Smp Info : BLANK,9732B,,METHOD BLANK  
 Misc Info : 1,1,500,500,3,,BLANK,CORP.sub,0,  
 Comment :  
 Method : \\LAPC065\MSB\_DD\chem\gcmsb.i\071022.b\TO14A.m  
 Meth Date : 22-Oct-2007 08:37 almagroa Quant Type: ISTD  
 Cal Date : 04-OCT-2007 12:44 Cal File: IC10048.D  
 Als bottle: 10 QC Sample: BLANK  
 Dil Factor: 1.00000  
 Integrator: HP RTE Compound Sublist: CORP.sub  
 Target Version: 4.04  
 Processing Host: LAPC065

Concentration Formula: Amt \* DF \* (FinalPres / InitPres) \* (CalVol / SmpVol)

Name	Value	Description
DF	1.000	Dilution Factor
FinalPres	1.000	FinalPres
InitPres	1.000	InitPres
CalVol	500.000	CalVol
SmpVol	500.000	SmpVol

Compounds	QUANT	SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN ( ppbv)	FINAL ( ppbv)
* 57 Bromochloromethane	49		8.127	8.145	(1.000)	1053195	50.0000	
\$ 65 1,2-Dichloroethane-d4	65		9.147	9.165	(0.919)	678127	38.7193	38.72
* 73 1,4-Difluorobenzene	114		9.950	9.968	(1.000)	2689558	50.0000	
\$ 87 Toluene-d8	100		12.559	12.568	(1.262)	1375315	50.3425	50.34
* 100 Chlorobenzene-d5	117		15.204	15.212	(1.000)	2083047	50.0000	
\$ 114 4-Bromofluorobenzene	95		17.442	17.460	(1.147)	2157342	48.4912	48.49



Date : 22-OCT-2007 09:53

Client ID: 9732B

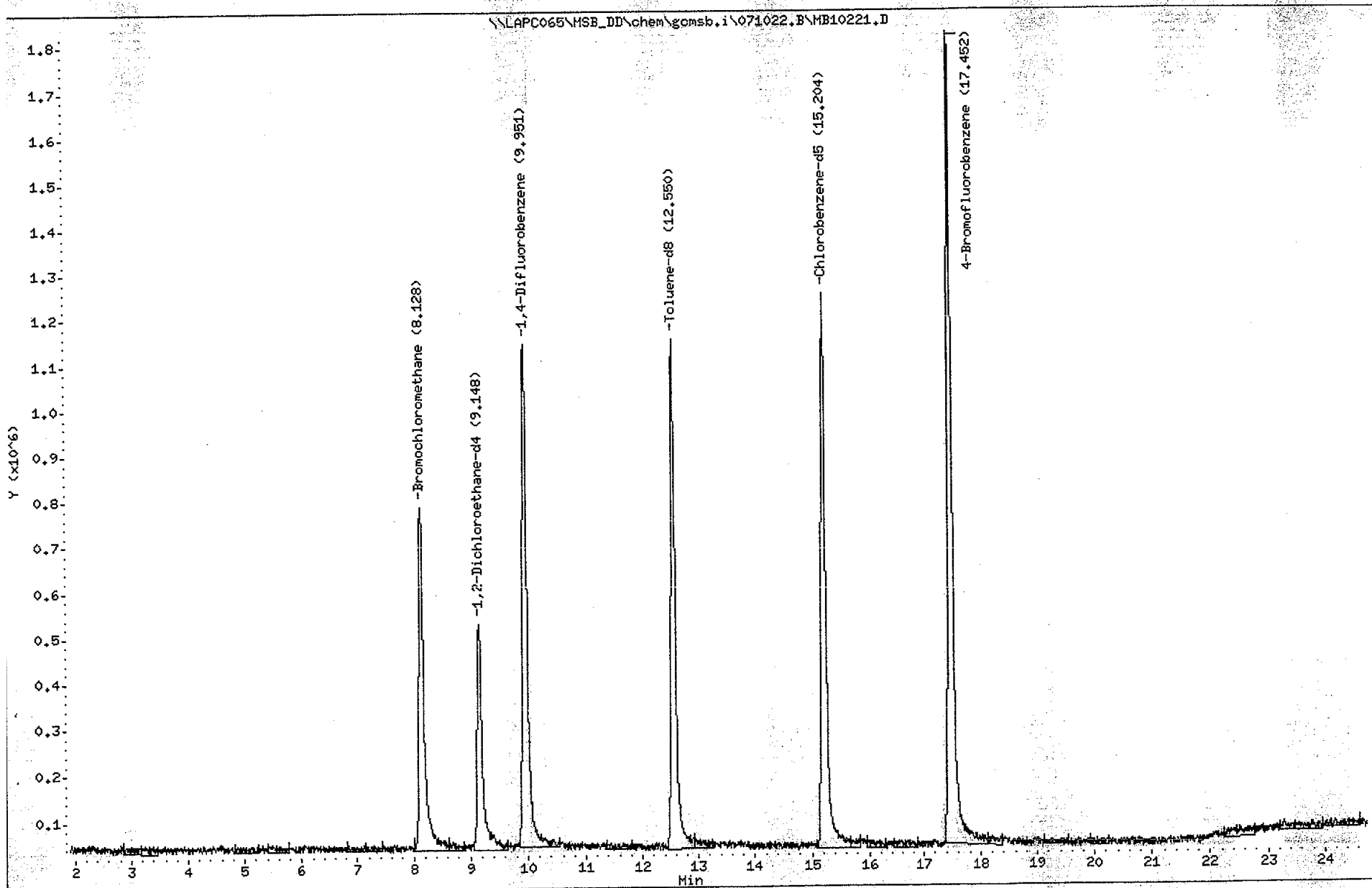
Sample Info: BLANK,9732B,,METHOD BLANK

Column phase: J&W DB-624

Instrument: gmsb.i

Operator: DLK

Column diameter: 0.53



### CANISTER FIELD DATA RECORD

CLIENT: SAN JOAQUIN CO. / TA-PI  
 CANISTER SERIAL #: 12606  
 DATE CLEANED: 10-12-07A  
 CLIENT SAMPLE #: \_\_\_\_\_  
 SITE LOCATION: \_\_\_\_\_

VFR ID: HF 091  
 Duration of comp. : — hrs. / mins.  
 Flow setting: ~150.0 ml/min  
 Initials: KA

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	10/23/07	KA
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

LABORATORY CANISTER PRESSURIZATION			
INITIAL VACUUM (inches Hg and PSIA)	11.50	11/01/07	KA
FINAL PRESSURE (PSIA)	23.20	11/01/07	KA

Pressurization Gas: N<sub>2</sub>

COMMENTS:	COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
		15 MIN.
	0.5 Hours	158 - 166.7
	1	79.2 - 83.3
	2	39.6 - 41.7
	4	19.8 - 20.8
	6	13.2 - 13.9
	8	9.9 - 10.4
	10	7.92 - 8.3
	12	6.6 - 6.9
	24	3.5 - 4.0

### CANISTER FIELD DATA RECORD

CLIENT: SAN JOAQUIN CO. / TA-PL  
 CANISTER SERIAL #: 93108  
 DATE CLEANED: 10-12-07A  
 CLIENT SAMPLE #: \_\_\_\_\_  
 SITE LOCATION: \_\_\_\_\_

VFR ID: HFI 32  
 Duration of comp. : — hrs./mins.  
 Flow setting: ~150.0 ml/min  
 Initials: RA

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	10/23/07	(RA)
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

#### LABORATORY CANISTER PRESSURIZATION

INITIAL VACUUM (inches Hg and PSIA)	12.65	11/01/07	6'
FINAL PRESSURE (PSIA)	23.61	11/01/07	0'

Pressurization Gas: N<sub>2</sub>

COMMENTS:	COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
		15 MIN.
	0.5 Hours	158 - 166.7
	1	79.2 - 83.3
	2	39.6 - 41.7
	4	19.8 - 20.8
	6	13.2 - 13.9
	8	9.9 - 10.4
	10	7.92 - 8.3
	12	6.6 - 6.9
	24	3.5 - 4.0

### CANISTER FIELD DATA RECORD

CLIENT: SAN JOAQUIN CO. / TA-PL  
 CANISTER SERIAL #: 04189  
 DATE CLEANED: 10-19-07A  
 CLIENT SAMPLE #: \_\_\_\_\_  
 SITE LOCATION: \_\_\_\_\_

VFR ID: HF113  
 Duration of comp.: — hrs./mins.  
 Flow setting: ~150.0 ml/min  
 Initials: RA

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	10/23/07	RA
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

#### LABORATORY CANISTER PRESSURIZATION

INITIAL VACUUM (inches Hg and PSIA)	11.95	11/01/07	RA
FINAL PRESSURE (PSIA)	23.05	11/01/07	RA

Pressurization Gas: N<sub>2</sub>

COMMENTS:	COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
		15 MIN.
	0.5 Hours	158 - 166.7
	1	79.2 - 83.3
	2	39.6 - 41.7
	4	19.8 - 20.8
	6	13.2 - 13.9
	8	9.9 - 10.4
	10	7.92 - 8.3
	12	6.6 - 6.9
	24	3.5 - 4.0

### CANISTER FIELD DATA RECORD

CLIENT: SAN JOAQUIN CO. / TA-PL  
 CANISTER SERIAL #: 92012  
 DATE CLEANED: 10-18-07A  
 CLIENT SAMPLE #: \_\_\_\_\_  
 SITE LOCATION: \_\_\_\_\_

VFR ID: HF 012  
 Duration of comp. : — hrs. / mins.  
 Flow setting: ~150.0 ml/min  
 Initials: (KA)

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	10/23/07	(KA)
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

LABORATORY CANISTER PRESSURIZATION			
INITIAL VACUUM (inches Hg and PSIA)	11.57	11/01/07	(KA)
FINAL PRESSURE (PSIA)	23.10	11/01/07	(KA)

Pressurization Gas: N<sub>2</sub>

COMMENTS:	COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
		15 MIN.
	0.5 Hours	158 - 166.7
	1	79.2 - 83.3
	2	39.6 - 41.7
	4	19.8 - 20.8
	6	13.2 - 13.9
	8	9.9 - 10.4
	10	7.92 - 8.3
	12	6.6 - 6.9
	24	3.5 - 4.0

### CANISTER FIELD DATA RECORD

CLIENT: SAN JOAQUIN CO. / TA-PL  
 CANISTER SERIAL #: 92054  
 DATE CLEANED: 10-19-07A  
 CLIENT SAMPLE #: \_\_\_\_\_  
 SITE LOCATION: \_\_\_\_\_

VFR ID: HF035  
 Duration of comp. : — hrs. / mins.  
 Flow setting: ~150.0 ml/min  
 Initials: LN

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30 <sup>u</sup>	10/23/07	LN
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

#### LABORATORY CANISTER PRESSURIZATION

INITIAL VACUUM (inches Hg and PSIA)	12.16	11/01/07	LN
FINAL PRESSURE (PSIA)	22.90	11/01/07	LN

Pressurization Gas: N<sub>2</sub>

COMMENTS:

COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
15 MIN.	316-333
0.5 Hours	158 - 166.7
1	79.2 - 83.3
2	39.6 - 41.7
4	19.8 - 20.8
6	13.2 - 13.9
8	9.9 - 10.4
10	7.92 - 8.3
12	6.6 - 6.9
24	3.5 - 4.0

## CANISTER FIELD DATA RECORD

CLIENT: SAN JOAQUIN CO. / TA-PL  
 CANISTER SERIAL #: 9732 B  
 DATE CLEANED: 10-19-07 A  
 CLIENT SAMPLE #: \_\_\_\_\_  
 SITE LOCATION: \_\_\_\_\_

VFR ID: HF 131  
 Duration of comp. : — hrs. / mins.  
 Flow setting: ~150.0 ml/min  
 Initials: KA

READING	TIME	Vac. (Inches Hg) Or PRESS: (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30 <sup>u</sup>	10/23/07	(KA)
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

LABORATORY CANISTER PRESSURIZATION			
INITIAL VACUUM (inches Hg and PSIA)	12.33	11/01/07	E
FINAL PRESSURE (PSIA)	22.80	11/01/07	E

Pressurization Gas: N<sub>2</sub>

COMMENTS:	COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
	15 MIN.	316-333
	0.5 Hours	158 - 166.7
	1	79.2 - 83.3
	2	39.6 - 41.7
	4	19.8 - 20.8
	6	13.2 - 13.9
	8	9.9 - 10.4
	10	7.92 - 8.3
	12	6.6 - 6.9
	24	3.5 - 4.0

### CANISTER FIELD DATA RECORD

CLIENT: SAN JOAQUIN CO. / TA-PL  
 CANISTER SERIAL #: 12635  
 DATE CLEANED: 10-19-07A  
 CLIENT SAMPLE #: \_\_\_\_\_  
 SITE LOCATION: \_\_\_\_\_

VFR ID: HF126  
 Duration of comp. : — hrs. / mins.  
 Flow setting: ~150.0 ml/min  
 Initials: RN

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30 <sup>u</sup>	10/23/07	(RN)
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

#### LABORATORY CANISTER PRESSURIZATION

INITIAL VACUUM (inches Hg and PSIA)			
FINAL PRESSURE (PSIA)			

Pressurization Gas: \_\_\_\_\_

COMMENTS:	COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
	15 MIN.	316-333
	0.5 Hours	158 - 166.7
	1	79.2 - 83.3
	2	39.6 - 41.7
	4	19.8 - 20.8
	6	13.2 - 13.9
	8	9.9 - 10.4
	10	7.92 - 8.3
	12	6.6 - 6.9
	24	3.5 - 4.0



DNA

### CANISTER FIELD DATA RECORD

CLIENT: SAN JOAQUIN CO. / TA-PL  
 CANISTER SERIAL #: 12812  
 DATE CLEANED: 10-19-07A  
 CLIENT SAMPLE #: \_\_\_\_\_  
 SITE LOCATION: \_\_\_\_\_

VFR ID: HF 148  
 Duration of comp.: — hrs./mins.  
 Flow setting: ~150.0 ml/min  
 Initials: (KA)

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	10/23/07	(KA)
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

#### LABORATORY CANISTER PRESSURIZATION

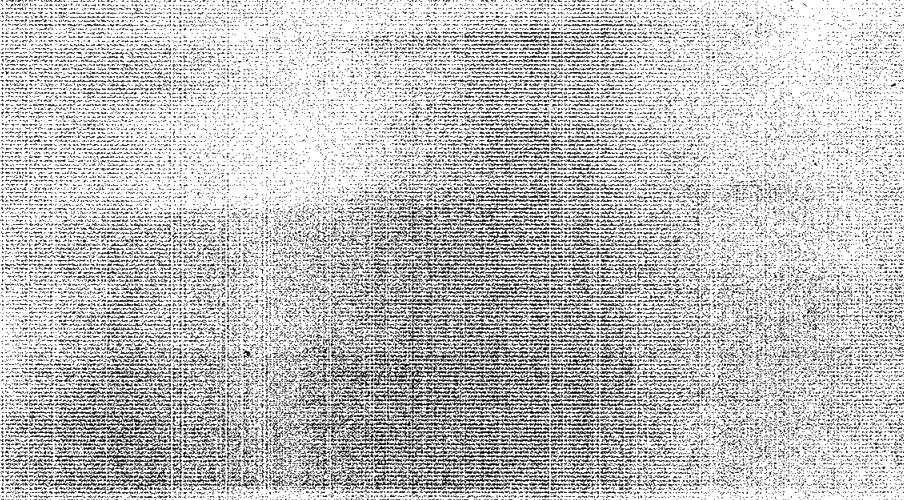
INITIAL VACUUM (inches Hg and PSIA)			
FINAL PRESSURE (PSIA)			

Pressurization Gas: \_\_\_\_\_

COMMENTS:	COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
	15 MIN.	316-333
	0.5 Hours	158 - 166.7
	1	79.2 - 83.3
	2	39.6 - 41.7
	4	19.8 - 20.8
	6	13.2 - 13.9
	8	9.9 - 10.4
	10	7.92 - 8.3
	12	6.6 - 6.9
	24	3.5 - 4.0

**STL**

# Analytical Report



# **ANALYTICAL REPORT**

**PROJECT NO. The San Joachin Company**

**Bay Rock Oak Walk Emeryville**

**Lot #: E7J310308**

**Surinder Sidhu**

**TestAmerica San Francisco**

**TESTAMERICA LABORATORIES, INC.**

**Terry Swart**  
Project Manager

**December 3, 2007**

# EXECUTIVE SUMMARY - Detection Highlights

E7J310308

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
<b>SG-5 10/29/07 09:21 001</b>				
Acetone	77	24	ug/m3	EPA-2 TO-15
Benzene	13	9.6	ug/m3	EPA-2 TO-15
Ethylbenzene	35	8.7	ug/m3	EPA-2 TO-15
4-Ethyltoluene	15	9.8	ug/m3	EPA-2 TO-15
Toluene	75	7.5	ug/m3	EPA-2 TO-15
m-Xylene & p-Xylene	110	17	ug/m3	EPA-2 TO-15
o-Xylene	37	8.7	ug/m3	EPA-2 TO-15
Xylenes (total)	140	17	ug/m3	EPA-2 TO-15
<b>SG-1 10/29/07 09:49 002</b>				
Acetone	47	24	ug/m3	EPA-2 TO-15
<b>SG-6 10/29/07 08:20 003</b>				
Acetone	93	24	ug/m3	EPA-2 TO-15
<b>SG-2 10/29/07 10:34 004</b>				
Acetone	120	24	ug/m3	EPA-2 TO-15
Benzene	14	9.6	ug/m3	EPA-2 TO-15
Carbon disulfide	32	31	ug/m3	EPA-2 TO-15
Ethylbenzene	21	8.7	ug/m3	EPA-2 TO-15
Toluene	57	7.5	ug/m3	EPA-2 TO-15
Trichlorofluoromethane	26	11	ug/m3	EPA-2 TO-15
m-Xylene & p-Xylene	51	17	ug/m3	EPA-2 TO-15
o-Xylene	19	8.7	ug/m3	EPA-2 TO-15
Xylenes (total)	70	17	ug/m3	EPA-2 TO-15
<b>SG-3 10/29/07 11:09 005</b>				
Acetone	94	24	ug/m3	EPA-2 TO-15
Trichlorofluoromethane	20	11	ug/m3	EPA-2 TO-15
<b>SG-4 10/29/07 11:57 006</b>				
Acetone	130	24	ug/m3	EPA-2 TO-15
Toluene	8.8	7.5	ug/m3	EPA-2 TO-15

# ANALYTICAL METHODS SUMMARY

E7J310308

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
Volatile Organics by TO15	EPA-2 TO-15

## References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

# SAMPLE SUMMARY

E7J310308

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J99CD	001	SG-5	10/29/07	09:21
J99CG	002	SG-1	10/29/07	09:49
J99CH	003	SG-6	10/29/07	08:20
J99CJ	004	SG-2	10/29/07	10:34
J99CM	005	SG-3	10/29/07	11:09
J99CN	006	SG-4	10/29/07	11:57

## NOTE(S) :

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



TestAmerica San Francisco

Client Sample ID: SG-5

GC/MS Volatiles

Lot-Sample #....: E7J310308-001 Work Order #....: J99CD1AE Matrix.....: V

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	14	ug/m3
Tetrachloroethene	ND	14	ug/m3
<b>Toluene</b>	<b>75</b>	<b>7.5</b>	<b>ug/m3</b>
1,2,4-Trichloro- benzene	ND	37	ug/m3
1,1,1-Trichloroethane	ND	11	ug/m3
1,1,2-Trichloroethane	ND	11	ug/m3
Trichloroethene	ND	11	ug/m3
Trichlorofluoromethane	ND	11	ug/m3
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	15	ug/m3
1,2,4-Trimethylbenzene	ND	15	ug/m3
1,3,5-Trimethylbenzene	ND	15	ug/m3
Vinyl acetate	ND	35	ug/m3
Vinyl chloride	ND	7.6	ug/m3
<b>m-Xylene &amp; p-Xylene</b>	<b>110</b>	<b>17</b>	<b>ug/m3</b>
<b>o-Xylene</b>	<b>37</b>	<b>8.7</b>	<b>ug/m3</b>
<b>Xylenes (total)</b>	<b>140</b>	<b>17</b>	<b>ug/m3</b>





TestAmerica San Francisco

Client Sample ID: SG-1

GC/MS Volatiles

Lot-Sample #...: E7J310308-002 Work Order #...: J99CG1AD Matrix.....: V

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	14	ug/m3
Tetrachloroethene	ND	14	ug/m3
Toluene	ND	7.5	ug/m3
1,2,4-Trichloro- benzene	ND	37	ug/m3
1,1,1-Trichloroethane	ND	11	ug/m3
1,1,2-Trichloroethane	ND	11	ug/m3
Trichloroethene	ND	11	ug/m3
Trichlorofluoromethane	ND	11	ug/m3
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	15	ug/m3
1,2,4-Trimethylbenzene	ND	15	ug/m3
1,3,5-Trimethylbenzene	ND	35	ug/m3
Vinyl acetate	ND	7.6	ug/m3
Vinyl chloride	ND	17	ug/m3
m-Xylene & p-Xylene	ND	8.7	ug/m3
o-Xylene	ND	17	ug/m3
Xylenes (total)	ND		

TestAmerica San Francisco

Client Sample ID: SG-6

GC/MS Volatiles

Lot-Sample #...: E7J310308-003    Work Order #...: J99CH1AD    Matrix.....: V  
 Date Sampled...: 10/29/07    Date Received...: 10/31/07  
 Prep Date.....: 11/02/07    Analysis Date...: 11/02/07  
 Prep Batch #...: 7333415  
 Dilution Factor: 1  
 Analyst ID.....: 101605    Instrument ID...: MSB  
 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	93	24	ug/m3
Benzene	ND	9.6	ug/m3
Benzyl chloride	ND	130	ug/m3
Bromodichloromethane	ND	13	ug/m3
Bromoform	ND	21	ug/m3
Bromomethane	ND	16	ug/m3
2-Butanone (MEK)	ND	29	ug/m3
Carbon disulfide	ND	31	ug/m3
Carbon tetrachloride	ND	13	ug/m3
Chlorobenzene	ND	9.2	ug/m3
Dibromochloromethane	ND	17	ug/m3
Chloroethane	ND	10	ug/m3
Chloroform	ND	9.8	ug/m3
Chloromethane	ND	8.2	ug/m3
1,2-Dibromoethane (EDB)	ND	15	ug/m3
1,2-Dichlorobenzene	ND	12	ug/m3
1,3-Dichlorobenzene	ND	12	ug/m3
1,4-Dichlorobenzene	ND	36	ug/m3
Dichlorodifluoromethane	ND	9.9	ug/m3
1,1-Dichloroethane	ND	8.1	ug/m3
1,2-Dichloroethane	ND	8.1	ug/m3
cis-1,2-Dichloroethene	ND	7.9	ug/m3
trans-1,2-Dichloroethene	ND	7.9	ug/m3
1,1-Dichloroethene	ND	7.9	ug/m3
1,2-Dichloropropane	ND	14	ug/m3
cis-1,3-Dichloropropene	ND	14	ug/m3
trans-1,3-Dichloropropene	ND	9.1	ug/m3
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	14	ug/m3
Ethylbenzene	ND	8.7	ug/m3
4-Ethyltoluene	ND	9.8	ug/m3
Hexachlorobutadiene	ND	43	ug/m3
2-Hexanone	ND	41	ug/m3
Methylene chloride	ND	6.9	ug/m3
4-Methyl-2-pentanone (MIBK)	ND	41	ug/m3
Styrene	ND	8.5	ug/m3

(Continued on next page)

TestAmerica San Francisco

Client Sample ID: SG-6

GC/MS Volatiles

Lot-Sample #...: E7J310308-003 Work Order #...: J99CH1AD Matrix.....: V

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	14	ug/m3
Tetrachloroethene	ND	14	ug/m3
Toluene	ND	7.5	ug/m3
1,2,4-Trichloro- benzene	ND	37	ug/m3
1,1,1-Trichloroethane	ND	11	ug/m3
1,1,2-Trichloroethane	ND	11	ug/m3
Trichloroethene	ND	11	ug/m3
Trichlorofluoromethane	ND	11	ug/m3
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	15	ug/m3
1,2,4-Trimethylbenzene	ND	15	ug/m3
1,3,5-Trimethylbenzene	ND	15	ug/m3
Vinyl acetate	ND	35	ug/m3
Vinyl chloride	ND	7.6	ug/m3
m-Xylene & p-Xylene	ND	17	ug/m3
o-Xylene	ND	8.7	ug/m3
Xylenes (total)	ND	17	ug/m3



TestAmerica San Francisco

Client Sample ID: SG-2

GC/MS Volatiles

Lot-Sample #...: E7J310308-004 Work Order #...: J99CJ1AD Matrix.....: V

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	14	ug/m3
Tetrachloroethene	ND	14	ug/m3
<b>Toluene</b>	<b>57</b>	<b>7.5</b>	<b>ug/m3</b>
1,2,4-Trichloro- benzene	ND	37	ug/m3
1,1,1-Trichloroethane	ND	11	ug/m3
1,1,2-Trichloroethane	ND	11	ug/m3
Trichloroethene	ND	11	ug/m3
<b>Trichlorofluoromethane</b>	<b>26</b>	<b>11</b>	<b>ug/m3</b>
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	15	ug/m3
1,2,4-Trimethylbenzene	ND	15	ug/m3
1,3,5-Trimethylbenzene	ND	15	ug/m3
Vinyl acetate	ND	35	ug/m3
Vinyl chloride	ND	7.6	ug/m3
<b>m-Xylene &amp; p-Xylene</b>	<b>51</b>	<b>17</b>	<b>ug/m3</b>
<b>o-Xylene</b>	<b>19</b>	<b>8.7</b>	<b>ug/m3</b>
<b>Xylenes (total)</b>	<b>70</b>	<b>17</b>	<b>ug/m3</b>

TestAmerica San Francisco

Client Sample ID: SG-3

GC/MS Volatiles

Lot-Sample #...: E7J310308-005    Work Order #...: J99CM1AD    Matrix.....: V  
 Date Sampled...: 10/29/07    Date Received...: 10/31/07  
 Prep Date.....: 11/02/07    Analysis Date...: 11/02/07  
 Prep Batch #...: 7333415  
 Dilution Factor: 1    Instrument ID...: MSB  
 Analyst ID.....: 101605    Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	94	24	ug/m3
Benzene	ND	9.6	ug/m3
Benzyl chloride	ND	130	ug/m3
Bromodichloromethane	ND	13	ug/m3
Bromoform	ND	21	ug/m3
Bromomethane	ND	16	ug/m3
2-Butanone (MEK)	ND	29	ug/m3
Carbon disulfide	ND	31	ug/m3
Carbon tetrachloride	ND	13	ug/m3
Chlorobenzene	ND	9.2	ug/m3
Dibromochloromethane	ND	17	ug/m3
Chloroethane	ND	10	ug/m3
Chloroform	ND	9.8	ug/m3
Chloromethane	ND	8.2	ug/m3
1,2-Dibromoethane (EDB)	ND	15	ug/m3
1,2-Dichlorobenzene	ND	12	ug/m3
1,3-Dichlorobenzene	ND	12	ug/m3
1,4-Dichlorobenzene	ND	36	ug/m3
Dichlorodifluoromethane	ND	9.9	ug/m3
1,1-Dichloroethane	ND	8.1	ug/m3
1,2-Dichloroethane	ND	8.1	ug/m3
cis-1,2-Dichloroethene	ND	7.9	ug/m3
trans-1,2-Dichloroethene	ND	7.9	ug/m3
1,1-Dichloroethene	ND	7.9	ug/m3
1,2-Dichloropropane	ND	14	ug/m3
cis-1,3-Dichloropropene	ND	14	ug/m3
trans-1,3-Dichloropropene	ND	9.1	ug/m3
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	14	ug/m3
Ethylbenzene	ND	8.7	ug/m3
4-Ethyltoluene	ND	9.8	ug/m3
Hexachlorobutadiene	ND	43	ug/m3
2-Hexanone	ND	41	ug/m3
Methylene chloride	ND	6.9	ug/m3
4-Methyl-2-pentanone (MIBK)	ND	41	ug/m3
Styrene	ND	8.5	ug/m3

(Continued on next page)

TestAmerica San Francisco

Client Sample ID: SG-3

GC/MS Volatiles

Lot-Sample #....: E7J310308-005 Work Order #....: J99CM1AD Matrix.....: V

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	14	ug/m3
Tetrachloroethene	ND	14	ug/m3
Toluene	ND	7.5	ug/m3
1,2,4-Trichloro- benzene	ND	37	ug/m3
1,1,1-Trichloroethane	ND	11	ug/m3
1,1,2-Trichloroethane	ND	11	ug/m3
Trichloroethene	ND	11	ug/m3
<b>Trichlorofluoromethane</b>	<b>20</b>	<b>11</b>	<b>ug/m3</b>
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	15	ug/m3
1,2,4-Trimethylbenzene	ND	15	ug/m3
1,3,5-Trimethylbenzene	ND	35	ug/m3
Vinyl acetate	ND	7.6	ug/m3
vinyl chloride	ND	17	ug/m3
m-Xylene & p-Xylene	ND	8.7	ug/m3
o-Xylene	ND	17	ug/m3
Xylenes (total)	ND		



TestAmerica San Francisco

Client Sample ID: SG-4

GC/MS Volatiles

Lot-Sample #...: E7J310308-006  
 Date Sampled...: 10/29/07  
 Prep Date.....: 11/02/07  
 Prep Batch #...: 7333415  
 Dilution Factor: 1  
 Analyst ID.....: 101605

Work Order #...: J99CN1AD  
 Date Received...: 10/31/07  
 Analysis Date...: 11/02/07

Matrix.....: V

Instrument ID...: MSB  
 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	130	24	ug/m3
Benzene	ND	9.6	ug/m3
Benzyl chloride	ND	130	ug/m3
Bromodichloromethane	ND	13	ug/m3
Bromoform	ND	21	ug/m3
Bromomethane	ND	16	ug/m3
2-Butanone (MEK)	ND	29	ug/m3
Carbon disulfide	ND	31	ug/m3
Carbon tetrachloride	ND	13	ug/m3
Chlorobenzene	ND	9.2	ug/m3
Dibromochloromethane	ND	17	ug/m3
Chloroethane	ND	10	ug/m3
Chloroform	ND	9.8	ug/m3
Chloromethane	ND	8.2	ug/m3
1,2-Dibromoethane (EDB)	ND	15	ug/m3
1,2-Dichlorobenzene	ND	12	ug/m3
1,3-Dichlorobenzene	ND	12	ug/m3
1,4-Dichlorobenzene	ND	36	ug/m3
Dichlorodifluoromethane	ND	9.9	ug/m3
1,1-Dichloroethane	ND	8.1	ug/m3
1,2-Dichloroethane	ND	8.1	ug/m3
cis-1,2-Dichloroethene	ND	7.9	ug/m3
trans-1,2-Dichloroethene	ND	7.9	ug/m3
1,1-Dichloroethene	ND	7.9	ug/m3
1,2-Dichloropropane	ND	14	ug/m3
cis-1,3-Dichloropropene	ND	14	ug/m3
trans-1,3-Dichloropropene	ND	9.1	ug/m3
1,2-Dichloro-	ND	14	ug/m3
1,1,2,2-tetrafluoroethane			
Ethylbenzene	ND	8.7	ug/m3
4-Ethyltoluene	ND	9.8	ug/m3
Hexachlorobutadiene	ND	43	ug/m3
2-Hexanone	ND	41	ug/m3
Methylene chloride	ND	6.9	ug/m3
4-Methyl-2-pentanone (MIBK)	ND	4.1	ug/m3
Styrene	ND	8.5	ug/m3

(Continued on next page)

TestAmerica San Francisco

Client Sample ID: SG-4

GC/MS Volatiles

Lot-Sample #...: E7J310308-006 Work Order #...: J99CN1AD Matrix.....: V

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	14	ug/m3
Tetrachloroethene	ND	14	ug/m3
<b>Toluene</b>	<b>8.8</b>	<b>7.5</b>	<b>ug/m3</b>
1,2,4-Trichloro- benzene	ND	37	ug/m3
1,1,1-Trichloroethane	ND	11	ug/m3
1,1,2-Trichloroethane	ND	11	ug/m3
Trichloroethene	ND	11	ug/m3
Trichlorofluoromethane	ND	11	ug/m3
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	15	ug/m3
1,2,4-Trimethylbenzene	ND	15	ug/m3
1,3,5-Trimethylbenzene	ND	35	ug/m3
Vinyl acetate	ND	7.6	ug/m3
Vinyl chloride	ND	17	ug/m3
m-Xylene & p-Xylene	ND	8.7	ug/m3
o-Xylene	ND	17	ug/m3
Xylenes (total)	ND		

**STL**

**QA/QC**

# QC DATA ASSOCIATION SUMMARY

E7J310308

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	V	EPA-2 TO-15		7333415	
002	V	EPA-2 TO-15		7333415	
003	V	EPA-2 TO-15		7333415	
004	V	EPA-2 TO-15		7333415	
005	V	EPA-2 TO-15		7333415	
006	V	EPA-2 TO-15		7333415	

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E7J310308  
 MB Lot-Sample #: M7K290000-415  
 Analysis Date...: 11/02/07  
 Dilution Factor: 1

Work Order #...: KC4MG1AA  
 Prep Date.....: 11/02/07  
 Prep Batch #...: 7333415  
 Analyst ID.....: 101605

Matrix.....: AIR  
 Instrument ID...: MSB

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	24	ug/m3	EPA-2 TO-15
Benzene	ND	9.6	ug/m3	EPA-2 TO-15
Benzyl chloride	ND	130	ug/m3	EPA-2 TO-15
Bromodichloromethane	ND	13	ug/m3	EPA-2 TO-15
Bromoform	ND	21	ug/m3	EPA-2 TO-15
Bromomethane	ND	16	ug/m3	EPA-2 TO-15
2-Butanone (MEK)	ND	29	ug/m3	EPA-2 TO-15
Carbon disulfide	ND	31	ug/m3	EPA-2 TO-15
Carbon tetrachloride	ND	13	ug/m3	EPA-2 TO-15
Chlorobenzene	ND	9.2	ug/m3	EPA-2 TO-15
Dibromochloromethane	ND	17	ug/m3	EPA-2 TO-15
Chloroethane	ND	10	ug/m3	EPA-2 TO-15
Chloroform	ND	9.8	ug/m3	EPA-2 TO-15
Chloromethane	ND	8.2	ug/m3	EPA-2 TO-15
1,2-Dibromoethane (EDB)	ND	15	ug/m3	EPA-2 TO-15
1,2-Dichlorobenzene	ND	12	ug/m3	EPA-2 TO-15
1,3-Dichlorobenzene	ND	12	ug/m3	EPA-2 TO-15
1,4-Dichlorobenzene	ND	36	ug/m3	EPA-2 TO-15
Dichlorodifluoromethane	ND	9.9	ug/m3	EPA-2 TO-15
1,1-Dichloroethane	ND	8.1	ug/m3	EPA-2 TO-15
1,2-Dichloroethane	ND	8.1	ug/m3	EPA-2 TO-15
cis-1,2-Dichloroethene	ND	7.9	ug/m3	EPA-2 TO-15
trans-1,2-Dichloroethene	ND	7.9	ug/m3	EPA-2 TO-15
1,1-Dichloroethene	ND	7.9	ug/m3	EPA-2 TO-15
1,2-Dichloropropane	ND	14	ug/m3	EPA-2 TO-15
cis-1,3-Dichloropropene	ND	14	ug/m3	EPA-2 TO-15
trans-1,3-Dichloropropene	ND	9.1	ug/m3	EPA-2 TO-15
1,2-Dichloro- 1,1,2,2-tetrafluoroethane	ND	14	ug/m3	EPA-2 TO-15
Ethylbenzene	ND	8.7	ug/m3	EPA-2 TO-15
4-Ethyltoluene	ND	9.8	ug/m3	EPA-2 TO-15
Hexachlorobutadiene	ND	43	ug/m3	EPA-2 TO-15
2-Hexanone	ND	41	ug/m3	EPA-2 TO-15
Methylene chloride	ND	6.9	ug/m3	EPA-2 TO-15
4-Methyl-2-pentanone (MIBK)	ND	41	ug/m3	EPA-2 TO-15
Styrene	ND	8.5	ug/m3	EPA-2 TO-15
1,1,2,2-Tetrachloroethane	ND	14	ug/m3	EPA-2 TO-15
Tetrachloroethene	ND	14	ug/m3	EPA-2 TO-15
Toluene	ND	7.5	ug/m3	EPA-2 TO-15

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E7J310308

Work Order #...: KC4MG1AA

Matrix.....: AIR

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
1,2,4-Trichloro- benzene	ND	37	ug/m3	EPA-2 TO-15
1,1,1-Trichloroethane	ND	11	ug/m3	EPA-2 TO-15
1,1,2-Trichloroethane	ND	11	ug/m3	EPA-2 TO-15
Trichloroethene	ND	11	ug/m3	EPA-2 TO-15
Trichlorofluoromethane	ND	11	ug/m3	EPA-2 TO-15
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	15	ug/m3	EPA-2 TO-15
1,2,4-Trimethylbenzene	ND	15	ug/m3	EPA-2 TO-15
1,3,5-Trimethylbenzene	ND	15	ug/m3	EPA-2 TO-15
Vinyl acetate	ND	35	ug/m3	EPA-2 TO-15
Vinyl chloride	ND	7.6	ug/m3	EPA-2 TO-15
m-Xylene & p-Xylene	ND	17	ug/m3	EPA-2 TO-15
o-Xylene	ND	8.7	ug/m3	EPA-2 TO-15
Xylenes (total)	ND	17	ug/m3	EPA-2 TO-15

**NOTE(S) :**

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E7J310308      Work Order #...: KC4MG1AC-LCS      Matrix.....: AIR  
 LCS Lot-Sample#: M7K290000-415      KC4MG1AD-LCSD  
 Prep Date.....: 11/02/07      Analysis Date...: 11/02/07  
 Prep Batch #...: 7333415  
 Dilution Factor: 1      Instrument ID...: MSB  
 Analyst ID.....: 101605

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
Acetone	99	(70 - 130)			EPA-2 TO-15
	88	(70 - 130)	12	(0-25)	EPA-2 TO-15
Bromodichloromethane	85	(70 - 130)			EPA-2 TO-15
	87	(70 - 130)	2.2	(0-25)	EPA-2 TO-15
Bromomethane	72	(70 - 130)			EPA-2 TO-15
	67 a	(70 - 130)	6.3	(0-25)	EPA-2 TO-15
Carbon disulfide	79	(70 - 130)			EPA-2 TO-15
	76	(70 - 130)	4.0	(0-25)	EPA-2 TO-15
Chloroform	86	(70 - 130)			EPA-2 TO-15
	82	(70 - 130)	5.4	(0-25)	EPA-2 TO-15
1,3-Dichlorobenzene	99	(70 - 130)			EPA-2 TO-15
	95	(70 - 130)	3.8	(0-25)	EPA-2 TO-15
1,2-Dichloroethane	93	(70 - 130)			EPA-2 TO-15
	93	(70 - 130)	0.060	(0-25)	EPA-2 TO-15
trans-1,2-Dichloroethene	86	(70 - 130)			EPA-2 TO-15
	84	(70 - 130)	1.9	(0-25)	EPA-2 TO-15
cis-1,3-Dichloropropene	86	(70 - 130)			EPA-2 TO-15
	86	(70 - 130)	0.92	(0-25)	EPA-2 TO-15
Ethylbenzene	87	(70 - 130)			EPA-2 TO-15
	86	(70 - 130)	1.3	(0-25)	EPA-2 TO-15
4-Ethyltoluene	103	(70 - 130)			EPA-2 TO-15
	102	(70 - 130)	1.8	(0-25)	EPA-2 TO-15
Styrene	96	(70 - 130)			EPA-2 TO-15
	91	(70 - 130)	4.9	(0-25)	EPA-2 TO-15
1,1,2-Trichloroethane	74	(70 - 130)			EPA-2 TO-15
	75	(70 - 130)	0.91	(0-25)	EPA-2 TO-15
Trichlorofluoromethane	78	(70 - 130)			EPA-2 TO-15
	73	(70 - 130)	5.8	(0-25)	EPA-2 TO-15
1,1,2-Trichloro- 1,2,2-trifluoroethane	82	(70 - 130)			EPA-2 TO-15
	78	(70 - 130)	5.8	(0-25)	EPA-2 TO-15
Vinyl chloride	83	(70 - 130)			EPA-2 TO-15
	77	(70 - 130)	6.9	(0-25)	EPA-2 TO-15

**NOTE(S) :**

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

**LABORATORY CONTROL SAMPLE DATA REPORT**

**GC/MS Volatiles**

Client Lot #....: E7J310308      Work Order #....: KC4MG1AC-LCS      Matrix.....: AIR  
 LCS Lot-Sample#: M7K290000-415      KC4MG1AD-LCSD  
 Prep Date.....: 11/02/07      Analysis Date...: 11/02/07  
 Prep Batch #....: 7333415  
 Dilution Factor: 1      Instrument ID...: MSB  
 Analyst ID.....: 101605

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	119	117	ug/m3	99		EPA-2 TO-15
	119	104	ug/m3	88	12	EPA-2 TO-15
Bromodichloromethane	334	286	ug/m3	85		EPA-2 TO-15
	334	292	ug/m3	87	2.2	EPA-2 TO-15
Bromomethane	194	139	ug/m3	72		EPA-2 TO-15
	194	131 a	ug/m3	67	6.3	EPA-2 TO-15
Carbon disulfide	155	122	ug/m3	79		EPA-2 TO-15
	155	118	ug/m3	76	4.0	EPA-2 TO-15
Chloroform	244	211	ug/m3	86		EPA-2 TO-15
	244	200	ug/m3	82	5.4	EPA-2 TO-15
1,3-Dichlorobenzene	300	297	ug/m3	99		EPA-2 TO-15
	300	286	ug/m3	95	3.8	EPA-2 TO-15
1,2-Dichloroethane	202	187	ug/m3	93		EPA-2 TO-15
	202	187	ug/m3	93	0.060	EPA-2 TO-15
trans-1,2-Dichloroethene	198	170	ug/m3	86		EPA-2 TO-15
	198	167	ug/m3	84	1.9	EPA-2 TO-15
cis-1,3-Dichloropropene	226	196	ug/m3	86		EPA-2 TO-15
	226	194	ug/m3	86	0.92	EPA-2 TO-15
Ethylbenzene	217	188	ug/m3	87		EPA-2 TO-15
	217	186	ug/m3	86	1.3	EPA-2 TO-15
4-Ethyltoluene	245	254	ug/m3	103		EPA-2 TO-15
	245	249	ug/m3	102	1.8	EPA-2 TO-15
Styrene	213	203	ug/m3	96		EPA-2 TO-15
	213	193	ug/m3	91	4.9	EPA-2 TO-15
1,1,2-Trichloroethane	272	202	ug/m3	74		EPA-2 TO-15
	272	204	ug/m3	75	0.91	EPA-2 TO-15
Trichlorofluoromethane	280	218	ug/m3	78		EPA-2 TO-15
	280	205	ug/m3	73	5.8	EPA-2 TO-15
1,1,2-Trichloro- 1,2,2-trifluoroethane	382	315	ug/m3	82		EPA-2 TO-15
	382	298	ug/m3	78	5.8	EPA-2 TO-15
Vinyl chloride	128	106	ug/m3	83		EPA-2 TO-15
	128	98.8	ug/m3	77	6.9	EPA-2 TO-15

**NOTE(S) :**

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.



## ANALYTICAL REPORT

Job Number: 720-16190-1

Job Description: Bay Rock Oak Walk Emeryville

For:

San Joaquin Company Inc  
1120 Hollywood Ave Suite 3  
Oakland, CA 94602-1459  
Attention: Mr. Dai Watkins

*Surinder Sidhu*

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Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
10/08/2008

**Job Narrative**  
**720-J16190-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

Method(s) 8260B/CA\_LUFTMS: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 41955 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

**GC VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-16190-3</b>	<b>MW-9-15.0</b>				
Gasoline Range Organics (GRO)-C5-C12		6.5	0.24	mg/Kg	8260B/CA_LUFTMS
<b>720-16190-4</b>	<b>MW-9-20.0</b>				
Gasoline Range Organics (GRO)-C5-C12		2.7	0.24	mg/Kg	8260B/CA_LUFTMS
<b>720-16190-5</b>	<b>MW-10-5.0</b>				
Gasoline Range Organics (GRO)-C5-C12		0.92	0.24	mg/Kg	8260B/CA_LUFTMS
<b>720-16190-10</b>	<b>MW-11-10.0</b>				
Gasoline Range Organics (GRO)-C5-C12		540	46	mg/Kg	8260B/CA_LUFTMS
Diesel Range Organics [C10-C28]		47	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		79	1.0	mg/Kg	8015B
<b>720-16190-13</b>	<b>MW-17-5.0</b>				
Diesel Range Organics [C10-C28]		11	1.0	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-16190-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Solid</b>			
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Diesel Range Organics (DRO) (GC)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B

### Lab References:

TAL SF = TestAmerica San Francisco

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## SAMPLE SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-16190-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-16190-1	MW-9-5.0	Solid	09/27/2008 1343	09/29/2008 1235
720-16190-2	MW-9-10.0	Solid	09/27/2008 1347	09/29/2008 1235
720-16190-3	MW-9-15.0	Solid	09/27/2008 1351	09/29/2008 1235
720-16190-4	MW-9-20.0	Solid	09/27/2008 1354	09/29/2008 1235
720-16190-5	MW-10-5.0	Solid	09/27/2008 1148	09/29/2008 1235
720-16190-6	MW-10-10.0	Solid	09/27/2008 1154	09/29/2008 1235
720-16190-7	MW-10-15.0	Solid	09/27/2008 1158	09/29/2008 1235
720-16190-8	MW-10-20.0	Solid	09/27/2008 1200	09/29/2008 1235
720-16190-9	MW-11-5.0	Solid	09/27/2008 1040	09/29/2008 1235
720-16190-10	MW-11-10.0	Solid	09/27/2008 1044	09/29/2008 1235
720-16190-11	MW-11-15.0	Solid	09/27/2008 1046	09/29/2008 1235
720-16190-12	MW-11-20.0	Solid	09/27/2008 1048	09/29/2008 1235
720-16190-13	MW-17-5.0	Solid	09/27/2008 0930	09/29/2008 1235
720-16190-14	MW-17-10.0	Solid	09/27/2008 0935	09/29/2008 1235
720-16190-15	MW-17-15.0	Solid	09/27/2008 0940	09/29/2008 1235
720-16190-16	MW-17-20.0	Solid	09/27/2008 0944	09/29/2008 1235

Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-9-5.0

Lab Sample ID: 720-16190-1

Date Sampled: 09/27/2008 1343

Client Matrix: Solid

Date Received: 09/29/2008 1235

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8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.68 g

Date Analyzed: 10/01/2008 1103

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0044
Gasoline Range Organics (GRO)-C5-C12		ND		0.22
Toluene		ND		0.0044
Xylenes, Total		ND		0.0088
MTBE		ND		0.0044
Ethylbenzene		ND		0.0044

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	74 - 118
1,2-Dichloroethane-d4 (Surr)	97	54 - 134

Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-9-10.0

Lab Sample ID: 720-16190-2

Date Sampled: 09/27/2008 1347

Client Matrix: Solid

Date Received: 09/29/2008 1235

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8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.62 g

Date Analyzed: 10/01/2008 1126

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0044
Gasoline Range Organics (GRO)-C5-C12		ND		0.22
Toluene		ND		0.0044
Xylenes, Total		ND		0.0089
MTBE		ND		0.0044
Ethylbenzene		ND		0.0044

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	74 - 118
1,2-Dichloroethane-d4 (Surr)	101	54 - 134

Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-9-15.0

Lab Sample ID: 720-16190-3

Date Sampled: 09/27/2008 1351

Client Matrix: Solid

Date Received: 09/29/2008 1235

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8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.17 g

Date Analyzed: 10/01/2008 1149

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		6.5		0.24
Toluene		ND		0.0048
Xylenes, Total		ND		0.0097
MTBE		ND		0.0048
Ethylbenzene		ND		0.0048
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		100		74 - 118
1,2-Dichloroethane-d4 (Surr)		86		54 - 134



Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-9-20.0

Lab Sample ID: 720-16190-4

Client Matrix: Solid

Date Sampled: 09/27/2008 1354

Date Received: 09/29/2008 1235

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8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.25 g

Date Analyzed: 10/01/2008 1212

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		2.7		0.24
Toluene		ND		0.0048
Xylenes, Total		ND		0.0095
MTBE		ND		0.0048
Ethylbenzene		ND		0.0048
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		98		74 - 118
1,2-Dichloroethane-d4 (Surr)		105		54 - 134

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-10-5.0

Lab Sample ID: 720-16190-5

Date Sampled: 09/27/2008 1148

Client Matrix: Solid

Date Received: 09/29/2008 1235

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### 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.30 g

Date Analyzed: 10/01/2008 1235

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Gasoline Range Organics (GRO)-C5-C12		0.92		0.24
Toluene		ND		0.0047
Xylenes, Total		ND		0.0094
MTBE		ND		0.0047
Ethylbenzene		ND		0.0047
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		95		74 - 118
1,2-Dichloroethane-d4 (Surr)		57		54 - 134

Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-10-10.0

Lab Sample ID: 720-16190-6

Client Matrix: Solid

Date Sampled: 09/27/2008 1154

Date Received: 09/29/2008 1235

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8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.17 g

Date Analyzed: 10/01/2008 1344

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0048
Xylenes, Total		ND		0.0097
MTBE		ND		0.0048
Ethylbenzene		ND		0.0048

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	74 - 118
1,2-Dichloroethane-d4 (Surr)	101	54 - 134

Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-10-15.0

Lab Sample ID: 720-16190-7

Client Matrix: Solid

Date Sampled: 09/27/2008 1158

Date Received: 09/29/2008 1235

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8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.34 g

Date Analyzed: 10/01/2008 1407

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Toluene		ND		0.0047
Xylenes, Total		ND		0.0094
MTBE		ND		0.0047
Ethylbenzene		ND		0.0047

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	74 - 118
1,2-Dichloroethane-d4 (Surr)	101	54 - 134

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID:** MW-10-20.0

Lab Sample ID: 720-16190-8

Client Matrix: Solid

Date Sampled: 09/27/2008 1200

Date Received: 09/29/2008 1235

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**8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS**

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.75 g

Date Analyzed: 10/01/2008 1429

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0043
Gasoline Range Organics (GRO)-C5-C12		ND		0.22
Toluene		ND		0.0043
Xylenes, Total		ND		0.0087
MTBE		ND		0.0043
Ethylbenzene		ND		0.0043

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	74 - 118
1,2-Dichloroethane-d4 (Surr)	98	54 - 134

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID:** MW-11-5.0

Lab Sample ID: 720-16190-9

Date Sampled: 09/27/2008 1040

Client Matrix: Solid

Date Received: 09/29/2008 1235

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**8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS**

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.13 g

Date Analyzed: 10/01/2008 1452

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0049
Xylenes, Total		ND		0.0097
MTBE		ND		0.0049
Ethylbenzene		ND		0.0049
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		96		74 - 118
1,2-Dichloroethane-d4 (Surr)		105		54 - 134

Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-11-10.0

Lab Sample ID: 720-16190-10

Client Matrix: Solid

Date Sampled: 09/27/2008 1044

Date Received: 09/29/2008 1235

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8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-42125

Instrument ID: Varian 3900A

Preparation: 5030B-Medium

Prep Batch: 720-42147

Lab File ID: c:\saturnwsl\data\200810\10

Dilution: 200

Initial Weight/Volume: 5.48 g

Date Analyzed: 10/06/2008 1218

Final Weight/Volume: 10 mL

Date Prepared: 10/06/2008 0700

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.91
Gasoline Range Organics (GRO)-C5-C12		540		46
Toluene		ND		0.91
Xylenes, Total		ND		1.8
MTBE		ND		0.91
Ethylbenzene		ND		0.91
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		103		70 - 130
1,2-Dichloroethane-d4 (Surr)		101		70 - 130

Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-11-15.0

Lab Sample ID: 720-16190-11

Date Sampled: 09/27/2008 1046

Client Matrix: Solid

Date Received: 09/29/2008 1235

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8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.43 g

Date Analyzed: 10/01/2008 1515

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0046
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Toluene		ND		0.0046
Xylenes, Total		ND		0.0092
MTBE		ND		0.0046
Ethylbenzene		ND		0.0046

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	74 - 118
1,2-Dichloroethane-d4 (Surr)	94	54 - 134



**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID:** MW-11-20.0

Lab Sample ID: 720-16190-12

Client Matrix: Solid

Date Sampled: 09/27/2008 1048

Date Received: 09/29/2008 1235

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**8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS**

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.35 g

Date Analyzed: 10/01/2008 1538

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Toluene		ND		0.0047
Xylenes, Total		ND		0.0093
MTBE		ND		0.0047
Ethylbenzene		ND		0.0047
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		98		74 - 118
1,2-Dichloroethane-d4 (Surr)		103		54 - 134

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID:** MW-17-5.0

Lab Sample ID: 720-16190-13

Client Matrix: Solid

Date Sampled: 09/27/2008 0930

Date Received: 09/29/2008 1235

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**8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS**

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.44 g

Date Analyzed: 10/01/2008 1601

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

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Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0046
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Toluene		ND		0.0046
Xylenes, Total		ND		0.0092
MTBE		ND		0.0046
Ethylbenzene		ND		0.0046

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Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	74 - 118
1,2-Dichloroethane-d4 (Surr)	113	54 - 134

Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-17-10.0

Lab Sample ID: 720-16190-14

Client Matrix: Solid

Date Sampled: 09/27/2008 0935

Date Received: 09/29/2008 1235

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8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.33 g

Date Analyzed: 10/01/2008 1624

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Toluene		ND		0.0047
Xylenes, Total		ND		0.0094
MTBE		ND		0.0047
Ethylbenzene		ND		0.0047

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	74 - 118
1,2-Dichloroethane-d4 (Surr)	104	54 - 134

Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-17-15.0

Lab Sample ID: 720-16190-15

Client Matrix: Solid

Date Sampled: 09/27/2008 0940

Date Received: 09/29/2008 1235

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8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.10 g

Date Analyzed: 10/01/2008 1646

Final Weight/Volume: 10 mL

Date Prepared: 10/01/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.25
Toluene		ND		0.0049
Xylenes, Total		ND		0.0098
MTBE		ND		0.0049
Ethylbenzene		ND		0.0049

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	74 - 118
1,2-Dichloroethane-d4 (Surr)	112	54 - 134

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID:** MW-17-20.0

Lab Sample ID: 720-16190-16

Client Matrix: Solid

Date Sampled: 09/27/2008 0944

Date Received: 09/29/2008 1235

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**8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS**

Method: 8260B/CA\_LUFTMS

Analysis Batch: 720-41955

Instrument ID: Varian 3900A

Preparation: 5030B

Prep Batch: 720-41958

Lab File ID: c:\saturday\data\200810\10

Dilution: 1.0

Initial Weight/Volume: 5.30 g

Date Analyzed: 10/01/2008 1709

Final Weight/Volume: 10 mL

Date Prepared: 10/02/2008 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0047
Xylenes, Total		ND		0.0094
MTBE		ND		0.0047
Ethylbenzene		ND		0.0047
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		102		74 - 118
1,2-Dichloroethane-d4 (Surr)		96		54 - 134

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-9-5.0**

Lab Sample ID: 720-16190-1

Date Sampled: 09/27/2008 1343

Client Matrix: Solid

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.40 g

Date Analyzed: 10/04/2008 2030

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		87		40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-9-10.0**

Lab Sample ID: 720-16190-2

Date Sampled: 09/27/2008 1347

Client Matrix: Solid

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.29 g

Date Analyzed: 10/04/2008 2158

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		85		40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-9-15.0**

Lab Sample ID: 720-16190-3

Date Sampled: 09/27/2008 1351

Client Matrix: Solid

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.36 g

Date Analyzed: 10/04/2008 2228

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		83		40 - 119



**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-9-20.0**

Lab Sample ID: 720-16190-4

Date Sampled: 09/27/2008 1354

Client Matrix: Solid

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.24 g

Date Analyzed: 10/04/2008 2257

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	87	40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-10-5.0**

Lab Sample ID: 720-16190-5

Date Sampled: 09/27/2008 1148

Client Matrix: Solid

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.33 g

Date Analyzed: 10/04/2008 2327

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	88	40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-10-10.0**

Lab Sample ID: 720-16190-6

Client Matrix: Solid

Date Sampled: 09/27/2008 1154

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.17 g

Date Analyzed: 10/04/2008 2356

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		76		40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-10-15.0**

Lab Sample ID: 720-16190-7

Date Sampled: 09/27/2008 1158

Client Matrix: Solid

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.29 g

Date Analyzed: 10/04/2008 1901

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	75	40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

Client Sample ID: MW-10-20.0

Lab Sample ID: 720-16190-8

Client Matrix: Solid

Date Sampled: 09/27/2008 1200

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.43 g

Date Analyzed: 10/04/2008 1931

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		86		40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID:** MW-11-5.0

Lab Sample ID: 720-16190-9

Client Matrix: Solid

Date Sampled: 09/27/2008 1040

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.12 g

Date Analyzed: 10/04/2008 2000

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		86		40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID:** MW-11-10.0

Lab Sample ID: 720-16190-10

Client Matrix: Solid

Date Sampled: 09/27/2008 1044

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.14 g

Date Analyzed: 10/04/2008 2030

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		47		1.0
Mineral Spirit Range Organics [C9-C13]		79		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		89		40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-11-15.0**

Lab Sample ID: 720-16190-11

Client Matrix: Solid

Date Sampled: 09/27/2008 1046

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.33 g

Date Analyzed: 10/04/2008 2059

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		78		40 - 119



**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID:** MW-11-20.0

Lab Sample ID: 720-16190-12

Client Matrix: Solid

Date Sampled: 09/27/2008 1048

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.17 g

Date Analyzed: 10/04/2008 2129

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	85	40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-17-5.0**

Lab Sample ID: 720-16190-13

Client Matrix: Solid

Date Sampled: 09/27/2008 0930

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.05 g

Date Analyzed: 10/04/2008 2158

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		11		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		73		40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-17-10.0**

Lab Sample ID: 720-16190-14

Client Matrix: Solid

Date Sampled: 09/27/2008 0935

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.42 g

Date Analyzed: 10/04/2008 2257

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	81	40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID: MW-17-15.0**

Lab Sample ID: 720-16190-15

Client Matrix: Solid

Date Sampled: 09/27/2008 0940

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.07 g

Date Analyzed: 10/04/2008 2327

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		82		40 - 119

**Analytical Data**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Client Sample ID:** MW-17-20.0

Lab Sample ID: 720-16190-16

Client Matrix: Solid

Date Sampled: 09/27/2008 0944

Date Received: 09/29/2008 1235

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**8015B Diesel Range Organics (DRO) (GC)**

Method: 8015B

Analysis Batch: 720-42089

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-42020

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.45 g

Date Analyzed: 10/04/2008 2356

Final Weight/Volume: 5 mL

Date Prepared: 10/03/2008 1317

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		72		40 - 119

## DATA REPORTING QUALIFIERS

Client: San Joaquin Company Inc

Job Number: 720-16190-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC/MS VOA	F	MS or MSD exceeds the control limits

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-16190-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-41955</b>					
LCS 720-41958/2-A	Lab Control Spike	T	Solid	8260B/CA_LUFT	720-41958
LCSD 720-41958/3-A	Lab Control Spike Duplicate	T	Solid	8260B/CA_LUFT	720-41958
MB 720-41958/1-A	Method Blank	T	Solid	8260B/CA_LUFT	720-41958
720-16190-1	MW-9-5.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-2	MW-9-10.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-3	MW-9-15.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-4	MW-9-20.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-5	MW-10-5.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-5MS	Matrix Spike	T	Solid	8260B/CA_LUFT	720-41958
720-16190-5MSD	Matrix Spike Duplicate	T	Solid	8260B/CA_LUFT	720-41958
720-16190-6	MW-10-10.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-7	MW-10-15.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-8	MW-10-20.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-9	MW-11-5.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-11	MW-11-15.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-12	MW-11-20.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-13	MW-17-5.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-14	MW-17-10.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-15	MW-17-15.0	T	Solid	8260B/CA_LUFT	720-41958
720-16190-16	MW-17-20.0	T	Solid	8260B/CA_LUFT	720-41958
<b>Prep Batch: 720-41958</b>					
LCS 720-41958/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-41958/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-41958/1-A	Method Blank	T	Solid	5030B	
720-16190-1	MW-9-5.0	T	Solid	5030B	
720-16190-2	MW-9-10.0	T	Solid	5030B	
720-16190-3	MW-9-15.0	T	Solid	5030B	
720-16190-4	MW-9-20.0	T	Solid	5030B	
720-16190-5	MW-10-5.0	T	Solid	5030B	
720-16190-5MS	Matrix Spike	T	Solid	5030B	
720-16190-5MSD	Matrix Spike Duplicate	T	Solid	5030B	
720-16190-6	MW-10-10.0	T	Solid	5030B	
720-16190-7	MW-10-15.0	T	Solid	5030B	
720-16190-8	MW-10-20.0	T	Solid	5030B	
720-16190-9	MW-11-5.0	T	Solid	5030B	
720-16190-11	MW-11-15.0	T	Solid	5030B	
720-16190-12	MW-11-20.0	T	Solid	5030B	
720-16190-13	MW-17-5.0	T	Solid	5030B	
720-16190-14	MW-17-10.0	T	Solid	5030B	
720-16190-15	MW-17-15.0	T	Solid	5030B	
720-16190-16	MW-17-20.0	T	Solid	5030B	

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-16190-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-42125</b>					
LCS 720-42147/2-A	Lab Control Spike	T	Solid	8260B/CA_LUFT	720-42147
LCSD 720-42147/3-A	Lab Control Spike Duplicate	T	Solid	8260B/CA_LUFT	720-42147
MB 720-42147/1-A	Method Blank	T	Solid	8260B/CA_LUFT	720-42147
720-16190-10	MW-11-10.0	T	Solid	8260B/CA_LUFT	720-42147
<b>Prep Batch: 720-42147</b>					
LCS 720-42147/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-42147/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-42147/1-A	Method Blank	T	Solid	5030B	
720-16190-10	MW-11-10.0	T	Solid	5030B	

**Report Basis**

T = Total



## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-16190-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report		Method	Prep Batch
		Basis	Client Matrix		
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-42020</b>					
LCS 720-42020/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-42020/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-42020/1-A	Method Blank	T	Solid	3550B	
720-16190-1	MW-9-5.0	T	Solid	3550B	
720-16190-1MS	Matrix Spike	T	Solid	3550B	
720-16190-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-16190-2	MW-9-10.0	T	Solid	3550B	
720-16190-3	MW-9-15.0	T	Solid	3550B	
720-16190-4	MW-9-20.0	T	Solid	3550B	
720-16190-5	MW-10-5.0	T	Solid	3550B	
720-16190-6	MW-10-10.0	T	Solid	3550B	
720-16190-7	MW-10-15.0	T	Solid	3550B	
720-16190-8	MW-10-20.0	T	Solid	3550B	
720-16190-9	MW-11-5.0	T	Solid	3550B	
720-16190-10	MW-11-10.0	T	Solid	3550B	
720-16190-11	MW-11-15.0	T	Solid	3550B	
720-16190-12	MW-11-20.0	T	Solid	3550B	
720-16190-13	MW-17-5.0	T	Solid	3550B	
720-16190-14	MW-17-10.0	T	Solid	3550B	
720-16190-15	MW-17-15.0	T	Solid	3550B	
720-16190-16	MW-17-20.0	T	Solid	3550B	
<b>Analysis Batch:720-42089</b>					
LCS 720-42020/2-A	Lab Control Spike	T	Solid	8015B	720-42020
LCSD 720-42020/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-42020
MB 720-42020/1-A	Method Blank	T	Solid	8015B	720-42020
720-16190-1	MW-9-5.0	T	Solid	8015B	720-42020
720-16190-1MS	Matrix Spike	T	Solid	8015B	720-42020
720-16190-1MSD	Matrix Spike Duplicate	T	Solid	8015B	720-42020
720-16190-2	MW-9-10.0	T	Solid	8015B	720-42020
720-16190-3	MW-9-15.0	T	Solid	8015B	720-42020
720-16190-4	MW-9-20.0	T	Solid	8015B	720-42020
720-16190-5	MW-10-5.0	T	Solid	8015B	720-42020
720-16190-6	MW-10-10.0	T	Solid	8015B	720-42020
720-16190-7	MW-10-15.0	T	Solid	8015B	720-42020
720-16190-8	MW-10-20.0	T	Solid	8015B	720-42020
720-16190-9	MW-11-5.0	T	Solid	8015B	720-42020
720-16190-10	MW-11-10.0	T	Solid	8015B	720-42020
720-16190-11	MW-11-15.0	T	Solid	8015B	720-42020
720-16190-12	MW-11-20.0	T	Solid	8015B	720-42020
720-16190-13	MW-17-5.0	T	Solid	8015B	720-42020
720-16190-14	MW-17-10.0	T	Solid	8015B	720-42020
720-16190-15	MW-17-15.0	T	Solid	8015B	720-42020
720-16190-16	MW-17-20.0	T	Solid	8015B	720-42020

**Quality Control Results**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**QC Association Summary**

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Report Basis</b>	<b>Client Matrix</b>	<b>Method</b>	<b>Prep Batch</b>
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**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-16190-1

### Method Blank - Batch: 720-41958

Lab Sample ID: MB 720-41958/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/01/2008 0920  
Date Prepared: 10/01/2008 0800

Analysis Batch: 720-41955  
Prep Batch: 720-41958  
Units: mg/Kg

### Method: 8260B/CA\_LUFTMS Preparation: 5030B

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200810\1001  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
MTBE	ND		0.0050
Ethylbenzene	ND		0.0050
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	100	74 - 118	
1,2-Dichloroethane-d4 (Surr)	93	54 - 134	

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-41958**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-41958/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/01/2008 0943  
Date Prepared: 10/01/2008 0800

Analysis Batch: 720-41955  
Prep Batch: 720-41958  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200810\1001  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-41958/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/01/2008 1006  
Date Prepared: 10/01/2008 0800

Analysis Batch: 720-41955  
Prep Batch: 720-41958  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200810\10010  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	104	104	66 - 128	1	20		
Gasoline Range Organics (GRO)-C5-C12	68	66	43 - 95	4	20		
Toluene	103	102	76 - 128	1	20		
MTBE	111	115	59 - 145	3	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	98		97		74 - 118		
1,2-Dichloroethane-d4 (Surr)	93		99		54 - 134		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-41958**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

MS Lab Sample ID: 720-16190-5  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/01/2008 1258  
Date Prepared: 10/01/2008 0800

Analysis Batch: 720-41955  
Prep Batch: 720-41958

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200810\1001  
Initial Weight/Volume: 5.01 g  
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-16190-5  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/01/2008 1321  
Date Prepared: 10/01/2008 0800

Analysis Batch: 720-41955  
Prep Batch: 720-41958

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200810\1001  
Initial Weight/Volume: 5.48 g  
Final Weight/Volume: 10 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	99	107	55 - 140	1	20		
Gasoline Range Organics (GRO)-C5-C12	34	48	43 - 95	13	20	F	
Toluene	101	105	61 - 138	5	20		
MTBE	110	125	49 - 161	4	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	100		99		74 - 118		
1,2-Dichloroethane-d4 (Surr)	91		91		54 - 134		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-16190-1

### Method Blank - Batch: 720-42147

Lab Sample ID: MB 720-42147/1-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/06/2008 1047  
Date Prepared: 10/06/2008 0700

Analysis Batch: 720-42125  
Prep Batch: 720-42147  
Units: mg/Kg

### Method: 8260B/CA\_LUFTMS Preparation: 5030B

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200810\1006  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		1.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Toluene	ND		1.0
Xylenes, Total	ND		2.0
MTBE	ND		1.0
Ethylbenzene	ND		1.0
Surrogate	% Rec		Acceptance Limits
Toluene-d8 (Surr)	99		70 - 130
1,2-Dichloroethane-d4 (Surr)	99		70 - 130

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-42147**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-42147/2-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/06/2008 1110  
Date Prepared: 10/06/2008 0700

Analysis Batch: 720-42125  
Prep Batch: 720-42147  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200810\1006  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-42147/3-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 10/06/2008 1133  
Date Prepared: 10/06/2008 0700

Analysis Batch: 720-42125  
Prep Batch: 720-42147  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200810\10060  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	116	115	74 - 121	1	20		
Toluene	112	112	86 - 121	0	20		
MTBE	112	114	84 - 127	1	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	100		104		70 - 130		
1,2-Dichloroethane-d4 (Surr)	104		108		70 - 130		

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

**Quality Control Results**

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Method Blank - Batch: 720-42020**

Lab Sample ID: MB 720-42020/1-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 10/04/2008 1901  
 Date Prepared: 10/03/2008 1317

Analysis Batch: 720-42089  
 Prep Batch: 720-42020  
 Units: mg/Kg

**Method: 8015B**  
**Preparation: 3550B**  
 Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 30.09 g  
 Final Weight/Volume: 5 mL  
 Injection Volume:  
 Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Mineral Spirit Range Organics [C9-C13]	ND		1.0
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	94	40 - 119	

**Lab Control Spike/  
 Lab Control Spike Duplicate Recovery Report - Batch: 720-42020**

**Method: 8015B**  
**Preparation: 3550B**

LCS Lab Sample ID: LCS 720-42020/2-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 10/04/2008 1931  
 Date Prepared: 10/03/2008 1317

Analysis Batch: 720-42089  
 Prep Batch: 720-42020  
 Units: mg/Kg

Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 30.23 g  
 Final Weight/Volume: 5 mL  
 Injection Volume:  
 Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-42020/3-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 10/04/2008 2000  
 Date Prepared: 10/03/2008 1317

Analysis Batch: 720-42089  
 Prep Batch: 720-42020  
 Units: mg/Kg

Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 30.27 g  
 Final Weight/Volume: 5 mL  
 Injection Volume:  
 Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	88	89	50 - 130	1	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
p-Terphenyl	90		92	40 - 119			

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



## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-16190-1

**Matrix Spike/**

**Matrix Spike Duplicate Recovery Report - Batch: 720-42020**

**Method: 8015B**

**Preparation: 3550B**

MS Lab Sample ID: 720-16190-1  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 10/04/2008 2059  
 Date Prepared: 10/03/2008 1317

Analysis Batch: 720-42089  
 Prep Batch: 720-42020

Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 30.00 g  
 Final Weight/Volume: 5 mL  
 Injection Volume:  
 Column ID: PRIMARY

MSD Lab Sample ID: 720-16190-1  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 10/04/2008 2129  
 Date Prepared: 10/03/2008 1317

Analysis Batch: 720-42089  
 Prep Batch: 720-42020

Instrument ID: HP DRO5  
 Lab File ID: N/A  
 Initial Weight/Volume: 30.11 g  
 Final Weight/Volume: 5 mL  
 Injection Volume:  
 Column ID: PRIMARY

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C28]	84	80	50 - 130	5	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
p-Terphenyl		84	82			40 - 119	

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

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below:

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

720-16190

LABORATORY: **TestAmerica**  
CARRIER: THE SAN JOAQUIN COMPANY INC.

WAYBILL No.:           N/A          

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.0811** Project Mgr.: **DJW**  
Sampling Team: **DJW**  
SITE GLOBAL I.D. No.: T06019705080

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
1. MW-9-5.0	Soil	MW-9	n/a		09/27/08	1343	Analyze all samples for:  TPH(g)+BTEX TPH(d) + Mineral Spirits	
2. MW-9-10.0		MW-9				1347		
3. MW-9-15.0		MW-9				1351		
4. MW-9-20.0		MW-9				1354		
5. MW-10-5.0		MW-10				1148		
6. MW-10-10.0		MW-10				1154		
7. MW-10-15.0		MW-10				1158		
8. MW-10-20.0		MW-10				1200		

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

Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville Agreement. Need Geotracker EDF

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	Dai Watkins	San Joaquin Co	—	—	09/29/08	12:35	D. J. Watkins
Received/ Relinquished by:	Jean Muller	Test America	9-29-08	1235	<del>9-29-08</del>	<del>1235</del>	Jean Muller
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:							

112629

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below:

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

# 72016190

LABORATORY: **TestAmerica**  
 CARRIER: THE SAN JOAQUIN COMPANY INC.

Project: **Bay Rock - Oak Walk Emeryville**  
 Project No.: **0004.0811** Project Mgr.: **DJW**  
 Sampling Team: **DJW**

WAYBILL NO.:           N/A          

SITE GLOBAL I.D. No.: T06019705080

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.	
9	MW-11-5.0	Soil	MW-11	n/a	09/27/08	1040	Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits		
10	MW-11-10.0		MW-11			1070			
11	MW-11-15.0		MW-11			1070			
12	MW-11-20.0		MW-11			1098			
13	MW-17-5.0		MW-17			0930			
14	MW-17-10.0		MW-17			0935			
15	MW-17-15.0		MW-17			0940			
16	MW-17-20.0		MW-17			0944			

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

Notes: Pricing per Bay Rock Emeryville Agreement. Need Geotracker EDF

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	Dai Watkins	San Joaquin Co	—	—	09/29/08	09/29/08	D. Watkins
Received/ Relinquished by:	Jean Muller	TestAmerica	9-29-08	1235			Jean Muller
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:							

Page 51 of 52

## ANALYTICAL REPORT

Job Number: 720-18064-1

Job Description: Bay Rock Oak Walk Emeryville

For:

San Joaquin Company Inc  
1120 Hollywood Ave Suite 3  
Oakland, CA 94602-1459  
Attention: Mr. Dai Watkins



Approved for release.  
Afsaneh Salimpour  
Project Manager I  
2/18/2009 5:29 PM

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Designee for  
Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
02/18/2009

**Job Narrative**  
**720-J18064-1**

**Comments**

No additional comments.

**Receipt**

All samples were received in good condition within temperature requirements.

**GC/MS VOA**

No other analytical or quality issues were noted.

**GC VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

No analytical or quality issues were noted.

**Organic Prep**

No analytical or quality issues were noted.

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-18064-4</b>	<b>MW-12-20</b>				
Benzene		0.086	0.0047	mg/Kg	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		1.0	0.23	mg/Kg	8260B/CA_LUFTMS
Toluene		0.0075	0.0047	mg/Kg	8260B/CA_LUFTMS
Xylenes, Total		0.046	0.0094	mg/Kg	8260B/CA_LUFTMS
Ethylbenzene		0.036	0.0047	mg/Kg	8260B/CA_LUFTMS
<b>720-18064-5</b>	<b>MW-13-5</b>				
Diesel Range Organics [C10-C28]		3.9	0.99	mg/Kg	8015B
<b>720-18064-6</b>	<b>MW-13-10</b>				
Gasoline Range Organics (GRO)-C5-C12		3.3	0.24	mg/Kg	8260B/CA_LUFTMS
Diesel Range Organics [C10-C28]		110	2.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		93	2.0	mg/Kg	8015B
<b>720-18064-7</b>	<b>MW-13-15</b>				
Diesel Range Organics [C10-C28]		1.3	1.0	mg/Kg	8015B
<b>720-18064-8</b>	<b>MW-13-20</b>				
Gasoline Range Organics (GRO)-C5-C12		2.3	0.24	mg/Kg	8260B/CA_LUFTMS
Diesel Range Organics [C10-C28]		2.8	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		2.7	0.99	mg/Kg	8015B
<b>720-18064-10</b>	<b>MW-14-10</b>				
Gasoline Range Organics (GRO)-C5-C12		5600	250	mg/Kg	8260B
Diesel Range Organics [C10-C28]		1700	20	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		2400	20	mg/Kg	8015B
<b>720-18064-11</b>	<b>MW-14-15</b>				
Gasoline Range Organics (GRO)-C5-C12		2.5	0.23	mg/Kg	8260B/CA_LUFTMS
<b>720-18064-13</b>	<b>MW-15-5</b>				
Diesel Range Organics [C10-C28]		15	0.98	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		1.2	0.98	mg/Kg	8015B

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-18064-14</b>	<b>MW-15-10</b>				
Gasoline Range Organics (GRO)-C5-C12		1.6	1.2	mg/Kg	8260B/CA_LUFTMS
Diesel Range Organics [C10-C28]		1.6	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		2.3	0.99	mg/Kg	8015B
<b>720-18064-17</b>	<b>MW-16A-5</b>				
Benzene		0.22	0.025	mg/Kg	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		8.5	1.2	mg/Kg	8260B/CA_LUFTMS
Xylenes, Total		0.17	0.050	mg/Kg	8260B/CA_LUFTMS
Ethylbenzene		0.21	0.025	mg/Kg	8260B/CA_LUFTMS
Diesel Range Organics [C10-C28]		8.8	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		9.4	0.99	mg/Kg	8015B
<b>720-18064-18</b>	<b>MW-16A-10</b>				
Benzene		6.0	4.7	mg/Kg	8260B
Ethylbenzene		12	4.7	mg/Kg	8260B
Toluene		13	4.7	mg/Kg	8260B
Xylenes, Total		56	9.3	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		860	230	mg/Kg	8260B
Diesel Range Organics [C10-C28]		11	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		13	0.99	mg/Kg	8015B
<b>720-18064-19</b>	<b>MW-16A-15</b>				
Benzene		0.10	0.0048	mg/Kg	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		2.0	0.24	mg/Kg	8260B/CA_LUFTMS
Toluene		0.019	0.0048	mg/Kg	8260B/CA_LUFTMS
Xylenes, Total		0.055	0.0095	mg/Kg	8260B/CA_LUFTMS
Ethylbenzene		0.027	0.0048	mg/Kg	8260B/CA_LUFTMS
<b>720-18064-20</b>	<b>MW-16B-10</b>				
Benzene		2.9	2.0	mg/Kg	8260B
Ethylbenzene		8.4	2.0	mg/Kg	8260B
Toluene		8.6	2.0	mg/Kg	8260B
Xylenes, Total		44	3.9	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		590	98	mg/Kg	8260B
Diesel Range Organics [C10-C28]		43	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		49	1.0	mg/Kg	8015B

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-18064-24</b>	<b>MW-16C-5</b>				
Benzene		0.12	0.0048	mg/Kg	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		1.7	0.24	mg/Kg	8260B/CA_LUFTMS
Xylenes, Total		0.060	0.0096	mg/Kg	8260B/CA_LUFTMS
Ethylbenzene		0.15	0.0048	mg/Kg	8260B/CA_LUFTMS
Diesel Range Organics [C10-C28]		1.9	1.0	mg/Kg	8015B
<b>720-18064-25</b>	<b>MW-16C-10</b>				
Benzene		9.6	4.9	mg/Kg	8260B
Ethylbenzene		30	4.9	mg/Kg	8260B
Toluene		17	4.9	mg/Kg	8260B
Xylenes, Total		160	9.7	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		2300	240	mg/Kg	8260B
Diesel Range Organics [C10-C28]		29	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		42	0.99	mg/Kg	8015B
<b>720-18064-26</b>	<b>MW-16C-15</b>				
Benzene		0.13	0.0048	mg/Kg	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		6.1	0.24	mg/Kg	8260B/CA_LUFTMS
Toluene		0.12	0.0048	mg/Kg	8260B/CA_LUFTMS
Xylenes, Total		0.54	0.0095	mg/Kg	8260B/CA_LUFTMS
Ethylbenzene		0.11	0.0048	mg/Kg	8260B/CA_LUFTMS
<b>720-18064-27</b>	<b>MW-16C-20</b>				
Xylenes, Total		0.014	0.010	mg/Kg	8260B/CA_LUFTMS
<b>720-18064-28</b>	<b>MW-16C-25</b>				
Benzene		0.0075	0.0047	mg/Kg	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		0.39	0.24	mg/Kg	8260B/CA_LUFTMS
Toluene		0.012	0.0047	mg/Kg	8260B/CA_LUFTMS
Xylenes, Total		0.038	0.0094	mg/Kg	8260B/CA_LUFTMS
Ethylbenzene		0.0090	0.0047	mg/Kg	8260B/CA_LUFTMS
<b>720-18064-29</b>	<b>MW-16C-30</b>				
Benzene		0.0076	0.0046	mg/Kg	8260B/CA_LUFTMS
Gasoline Range Organics (GRO)-C5-C12		0.40	0.23	mg/Kg	8260B/CA_LUFTMS
Toluene		0.011	0.0046	mg/Kg	8260B/CA_LUFTMS
Xylenes, Total		0.038	0.0092	mg/Kg	8260B/CA_LUFTMS
Ethylbenzene		0.0091	0.0046	mg/Kg	8260B/CA_LUFTMS



## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-18064-1

<b>Description</b>	<b>Lab Location</b>	<b>Method</b>	<b>Preparation Method</b>
<b>Matrix: Solid</b>			
Volatile Organic Compounds (GC/MS)	TAL SF	SW846 8260B	
Purge and Trap	TAL SF		SW846 5030B
Volatile Organic Compounds by GC/MS	TAL SF	SW846 8260B/CA_LUFTMS	
Purge and Trap	TAL SF		SW846 5030B
Diesel Range Organics (DRO) (GC)	TAL SF	SW846 8015B	
Ultrasonic Extraction	TAL SF		SW846 3550B

### Lab References:

TAL SF = TestAmerica San Francisco

### Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

## METHOD / ANALYST SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-18064-1

<b>Method</b>	<b>Analyst</b>	<b>Analyst ID</b>
SW846 8260B	Ali, Badri	BA
SW846 8260B/CA_LUFTMS	Allen, Coretta	CA
SW846 8015B	Relja, Marlene	MR

## SAMPLE SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-18064-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-18064-1	MW-12-5	Solid	02/09/2009 0957	02/11/2009 1630
720-18064-2	MW-12-10	Solid	02/09/2009 1001	02/11/2009 1630
720-18064-3	MW-12-15	Solid	02/09/2009 1005	02/11/2009 1630
720-18064-4	MW-12-20	Solid	02/09/2009 1007	02/11/2009 1630
720-18064-5	MW-13-5	Solid	02/09/2009 0828	02/11/2009 1630
720-18064-6	MW-13-10	Solid	02/09/2009 0830	02/11/2009 1630
720-18064-7	MW-13-15	Solid	02/09/2009 0835	02/11/2009 1630
720-18064-8	MW-13-20	Solid	02/09/2009 0838	02/11/2009 1630
720-18064-9	MW-14-5	Solid	02/09/2009 1402	02/11/2009 1630
720-18064-10	MW-14-10	Solid	02/09/2009 1405	02/11/2009 1630
720-18064-11	MW-14-15	Solid	02/09/2009 1412	02/11/2009 1630
720-18064-12	MW-14-20	Solid	02/09/2009 1415	02/11/2009 1630
720-18064-13	MW-15-5	Solid	02/09/2009 1531	02/11/2009 1630
720-18064-14	MW-15-10	Solid	02/09/2009 1538	02/11/2009 1630
720-18064-15	MW-15-15	Solid	02/09/2009 1544	02/11/2009 1630
720-18064-16	MW-15-20	Solid	02/09/2009 1546	02/11/2009 1630
720-18064-17	MW-16A-5	Solid	02/10/2009 1433	02/11/2009 1630
720-18064-18	MW-16A-10	Solid	02/10/2009 1438	02/11/2009 1630
720-18064-19	MW-16A-15	Solid	02/10/2009 1442	02/11/2009 1630
720-18064-20	MW-16B-10	Solid	02/10/2009 1040	02/11/2009 1630
720-18064-21	MW-16B-15	Solid	02/10/2009 1045	02/11/2009 1630
720-18064-22	MW-16B-20	Solid	02/10/2009 1048	02/11/2009 1630
720-18064-23	MW-16B-25	Solid	02/10/2009 1052	02/11/2009 1630
720-18064-24	MW-16C-5	Solid	02/10/2009 0825	02/11/2009 1630
720-18064-25	MW-16C-10	Solid	02/10/2009 0828	02/11/2009 1630
720-18064-26	MW-16C-15	Solid	02/10/2009 0837	02/11/2009 1630
720-18064-27	MW-16C-20	Solid	02/10/2009 0844	02/11/2009 1630
720-18064-28	MW-16C-25	Solid	02/10/2009 0845	02/11/2009 1630
720-18064-29	MW-16C-30	Solid	02/10/2009 0853	02/11/2009 1630

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-14-10**

Lab Sample ID: 720-18064-10  
Client Matrix: Solid

Date Sampled: 02/09/2009 1405  
Date Received: 02/11/2009 1630

### 8260B Volatile Organic Compounds (GC/MS)

Method:	8260B	Analysis Batch: 720-46784	Instrument ID: Varian 3900A
Preparation:	5030B-Medium	Prep Batch: 720-46783	Lab File ID: e:\data\2009\200902\02130
Dilution:	1000		Initial Weight/Volume: 5.04 g
Date Analyzed:	02/13/2009 1748		Final Weight/Volume: 10 mL
Date Prepared:	02/13/2009 0800		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		5.0
Ethylbenzene		ND		5.0
Toluene		ND		5.0
Xylenes, Total		ND		9.9
Gasoline Range Organics (GRO)-C5-C12		5600		250

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	104	70 - 130
1,2-Dichloroethane-d4 (Surr)	100	70 - 130

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16A-10

Lab Sample ID: 720-18064-18

Client Matrix: Solid

Date Sampled: 02/10/2009 1438

Date Received: 02/11/2009 1630

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### 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B                      Analysis Batch: 720-46784                      Instrument ID: Varian 3900A  
Preparation: 5030B-Medium                      Prep Batch: 720-46783                      Lab File ID: e:\data\2009\200902\02130  
Dilution: 1000                      Initial Weight/Volume: 5.36 g  
Date Analyzed: 02/13/2009 1725                      Final Weight/Volume: 10 mL  
Date Prepared: 02/13/2009 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		6.0		4.7
Ethylbenzene		12		4.7
Toluene		13		4.7
Xylenes, Total		56		9.3
Gasoline Range Organics (GRO)-C5-C12		860		230

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	121	70 - 130
1,2-Dichloroethane-d4 (Surr)	128	70 - 130



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16C-10

Lab Sample ID: 720-18064-25  
Client Matrix: Solid

Date Sampled: 02/10/2009 0828  
Date Received: 02/11/2009 1630

## 8260B Volatile Organic Compounds (GC/MS)

Method: 8260B                      Analysis Batch: 720-46784                      Instrument ID: Varian 3900A  
Preparation: 5030B-Medium                      Prep Batch: 720-46783                      Lab File ID: e:\data\2009\200902\02130  
Dilution: 1000                      Initial Weight/Volume: 5.15 g  
Date Analyzed: 02/13/2009 1941                      Final Weight/Volume: 10 mL  
Date Prepared: 02/13/2009 0800

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		9.6		4.9
Ethylbenzene		30		4.9
Toluene		17		4.9
Xylenes, Total		160		9.7
Gasoline Range Organics (GRO)-C5-C12		2300		240
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		109		70 - 130
1,2-Dichloroethane-d4 (Surr)		109		70 - 130

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-12-5

Lab Sample ID: 720-18064-1

Date Sampled: 02/09/2009 0957

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.09 g  
Date Analyzed: 02/12/2009 1212      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.25
Toluene		ND		0.0049
Xylenes, Total		ND		0.0098
Ethylbenzene		ND		0.0049
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		93		74 - 118
1,2-Dichloroethane-d4 (Surr)		99		54 - 134



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-12-10

Lab Sample ID: 720-18064-2

Date Sampled: 02/09/2009 1001

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46799      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46821      Lab File ID: d:\data\200902\021309\sa-s  
Dilution: 1.0      Initial Weight/Volume: 5.22 g  
Date Analyzed: 02/13/2009 1346      Final Weight/Volume: 10 mL  
Date Prepared: 02/13/2009 1000

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0048
Xylenes, Total		ND		0.0096
Ethylbenzene		ND		0.0048
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		81		74 - 118
1,2-Dichloroethane-d4 (Surr)		84		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-12-15

Lab Sample ID: 720-18064-3

Date Sampled: 02/09/2009 1005

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.21 g  
Date Analyzed: 02/12/2009 1343      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0048
Xylenes, Total		ND		0.0096
Ethylbenzene		ND		0.0048
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		96		74 - 118
1,2-Dichloroethane-d4 (Surr)		94		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-12-20

Lab Sample ID: 720-18064-4

Date Sampled: 02/09/2009 1007

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.32 g  
Date Analyzed: 02/12/2009 1406      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		0.086		0.0047
Gasoline Range Organics (GRO)-C5-C12		1.0		0.23
Toluene		0.0075		0.0047
Xylenes, Total		0.046		0.0094
Ethylbenzene		0.036		0.0047
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		92		74 - 118
1,2-Dichloroethane-d4 (Surr)		92		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-13-5**

Lab Sample ID: 720-18064-5  
Client Matrix: Solid

Date Sampled: 02/09/2009 0828  
Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.11 g  
Date Analyzed: 02/12/2009 1429      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0049
Xylenes, Total		ND		0.0098
Ethylbenzene		ND		0.0049
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		87		74 - 118
1,2-Dichloroethane-d4 (Surr)		99		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-13-10

Lab Sample ID: 720-18064-6

Date Sampled: 02/09/2009 0830

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.12 g  
Date Analyzed: 02/12/2009 1451      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		3.3		0.24
Toluene		ND		0.0049
Xylenes, Total		ND		0.0098
Ethylbenzene		ND		0.0049
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		95		74 - 118
1,2-Dichloroethane-d4 (Surr)		102		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-13-15

Lab Sample ID: 720-18064-7

Date Sampled: 02/09/2009 0835

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.48 g  
Date Analyzed: 02/12/2009 1514      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0046
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Toluene		ND		0.0046
Xylenes, Total		ND		0.0091
Ethylbenzene		ND		0.0046
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		88		74 - 118
1,2-Dichloroethane-d4 (Surr)		94		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-13-20

Lab Sample ID: 720-18064-8

Date Sampled: 02/09/2009 0838

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.20 g  
Date Analyzed: 02/12/2009 1537      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		2.3		0.24
Toluene		ND		0.0048
Xylenes, Total		ND		0.0096
Ethylbenzene		ND		0.0048
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		92		74 - 118
1,2-Dichloroethane-d4 (Surr)		99		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-14-5

Lab Sample ID: 720-18064-9

Date Sampled: 02/09/2009 1402

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.44 g  
Date Analyzed: 02/12/2009 1559      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0046
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Toluene		ND		0.0046
Xylenes, Total		ND		0.0092
Ethylbenzene		ND		0.0046
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		96		74 - 118
1,2-Dichloroethane-d4 (Surr)		106		54 - 134



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-14-15

Lab Sample ID: 720-18064-11

Date Sampled: 02/09/2009 1412

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46894      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46900      Lab File ID: e:\data\2009\200902\02170  
Dilution: 1.0      Initial Weight/Volume: 5.34 g  
Date Analyzed: 02/17/2009 1701      Final Weight/Volume: 10 mL  
Date Prepared: 02/17/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Gasoline Range Organics (GRO)-C5-C12		2.5		0.23
Toluene		ND		0.0047
Xylenes, Total		ND		0.0094
Ethylbenzene		ND		0.0047
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		94		74 - 118
1,2-Dichloroethane-d4 (Surr)		97		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-14-20

Lab Sample ID: 720-18064-12

Date Sampled: 02/09/2009 1415

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.13 g  
Date Analyzed: 02/12/2009 1645      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0049
Xylenes, Total		ND		0.0097
Ethylbenzene		ND		0.0049
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		93		74 - 118
1,2-Dichloroethane-d4 (Surr)		98		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-15-5

Lab Sample ID: 720-18064-13

Date Sampled: 02/09/2009 1531

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46799      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46821      Lab File ID: d:\data\200902\021309\sa-s  
Dilution: 1.0      Initial Weight/Volume: 5.36 g  
Date Analyzed: 02/13/2009 1721      Final Weight/Volume: 10 mL  
Date Prepared: 02/13/2009 1000

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Toluene		ND		0.0047
Xylenes, Total		ND		0.0093
Ethylbenzene		ND		0.0047
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		80		74 - 118
1,2-Dichloroethane-d4 (Surr)		95		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-15-10

Lab Sample ID: 720-18064-14

Date Sampled: 02/09/2009 1538

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46897      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46915      Lab File ID: e:\data\2009\200902\02160  
Dilution: 1.0      Initial Weight/Volume: 1.07 g  
Date Analyzed: 02/16/2009 1911      Final Weight/Volume: 10 mL  
Date Prepared: 02/16/2009 1000

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.023
Gasoline Range Organics (GRO)-C5-C12		1.6		1.2
Toluene		ND		0.023
Xylenes, Total		ND		0.047
Ethylbenzene		ND		0.023
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		95		74 - 118
1,2-Dichloroethane-d4 (Surr)		95		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-15-15

Lab Sample ID: 720-18064-15

Date Sampled: 02/09/2009 1544

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.20 g  
Date Analyzed: 02/12/2009 1732      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0048
Xylenes, Total		ND		0.0096
Ethylbenzene		ND		0.0048
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		95		74 - 118
1,2-Dichloroethane-d4 (Surr)		99		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-15-20

Lab Sample ID: 720-18064-16

Date Sampled: 02/09/2009 1546

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.14 g  
Date Analyzed: 02/12/2009 1755      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0049
Xylenes, Total		ND		0.0097
Ethylbenzene		ND		0.0049
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		92		74 - 118
1,2-Dichloroethane-d4 (Surr)		86		54 - 134

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16A-5

Lab Sample ID: 720-18064-17

Date Sampled: 02/10/2009 1433

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46799      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46821      Lab File ID: d:\data\200902\021309\sa-s  
Dilution: 1.0      Initial Weight/Volume: 1.00 g  
Date Analyzed: 02/13/2009 1814      Final Weight/Volume: 10 mL  
Date Prepared: 02/13/2009 1000

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		0.22		0.025
Gasoline Range Organics (GRO)-C5-C12		8.5		1.2
Toluene		ND		0.025
Xylenes, Total		0.17		0.050
Ethylbenzene		0.21		0.025
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		84		74 - 118
1,2-Dichloroethane-d4 (Surr)		96		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-16A-15**

Lab Sample ID: 720-18064-19  
Client Matrix: Solid

Date Sampled: 02/10/2009 1442  
Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46848      Instrument ID: Varian 3900A  
Preparation: 5030B      Prep Batch: 720-46850      Lab File ID: e:\data\2009\200902\02120  
Dilution: 1.0      Initial Weight/Volume: 5.24 g  
Date Analyzed: 02/12/2009 1818      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		0.10		0.0048
Gasoline Range Organics (GRO)-C5-C12		2.0		0.24
Toluene		0.019		0.0048
Xylenes, Total		0.055		0.0095
Ethylbenzene		0.027		0.0048
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		93		74 - 118
1,2-Dichloroethane-d4 (Surr)		97		54 - 134



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16B-15

Lab Sample ID: 720-18064-21  
Client Matrix: Solid

Date Sampled: 02/10/2009 1045  
Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46800      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46845      Lab File ID: d:\data\200902\021209\sa-s  
Dilution: 1.0      Initial Weight/Volume: 5.23 g  
Date Analyzed: 02/12/2009 1402      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0048
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0048
Xylenes, Total		ND		0.0096
Ethylbenzene		ND		0.0048
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		82		74 - 118
1,2-Dichloroethane-d4 (Surr)		95		54 - 134

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16B-20

Lab Sample ID: 720-18064-22

Date Sampled: 02/10/2009 1048

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46800      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46845      Lab File ID: d:\data\200902\021209\sa-s  
Dilution: 1.0      Initial Weight/Volume: 5.15 g  
Date Analyzed: 02/12/2009 1429      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Gasoline Range Organics (GRO)-C5-C12		ND		0.24
Toluene		ND		0.0049
Xylenes, Total		ND		0.0097
Ethylbenzene		ND		0.0049
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		82		74 - 118
1,2-Dichloroethane-d4 (Surr)		86		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16B-25

Lab Sample ID: 720-18064-23

Date Sampled: 02/10/2009 1052

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46800      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46845      Lab File ID: d:\data\200902\021209\sa-s  
Dilution: 1.0      Initial Weight/Volume: 5.38 g  
Date Analyzed: 02/12/2009 1550      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0046
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Toluene		ND		0.0046
Xylenes, Total		ND		0.0093
Ethylbenzene		ND		0.0046
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		86		74 - 118
1,2-Dichloroethane-d4 (Surr)		92		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16C-5

Lab Sample ID: 720-18064-24

Date Sampled: 02/10/2009 0825

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46800      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46845      Lab File ID: d:\data\200902\021209\sa-s  
Dilution: 1.0      Initial Weight/Volume: 5.19 g  
Date Analyzed: 02/12/2009 1616      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		0.12		0.0048
Gasoline Range Organics (GRO)-C5-C12		1.7		0.24
Toluene		ND		0.0048
Xylenes, Total		0.060		0.0096
Ethylbenzene		0.15		0.0048
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		86		74 - 118
1,2-Dichloroethane-d4 (Surr)		93		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-16C-15**

Lab Sample ID: 720-18064-26  
Client Matrix: Solid

Date Sampled: 02/10/2009 0837  
Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46799      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46821      Lab File ID: d:\data\200902\021309\sa-s  
Dilution: 1.0      Initial Weight/Volume: 5.26 g  
Date Analyzed: 02/13/2009 1748      Final Weight/Volume: 10 mL  
Date Prepared: 02/13/2009 1000

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		0.13		0.0048
Gasoline Range Organics (GRO)-C5-C12		6.1		0.24
Toluene		0.12		0.0048
Xylenes, Total		0.54		0.0095
Ethylbenzene		0.11		0.0048
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		82		74 - 118
1,2-Dichloroethane-d4 (Surr)		96		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16C-20

Lab Sample ID: 720-18064-27

Date Sampled: 02/10/2009 0844

Client Matrix: Solid

Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46800      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46845      Lab File ID: d:\data\200902\021209\sa-s  
Dilution: 1.0      Initial Weight/Volume: 5.02 g  
Date Analyzed: 02/12/2009 1643      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0050
Gasoline Range Organics (GRO)-C5-C12		ND		0.25
Toluene		ND		0.0050
Xylenes, Total		0.014		0.010
Ethylbenzene		ND		0.0050
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		89		74 - 118
1,2-Dichloroethane-d4 (Surr)		92		54 - 134

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16C-25

Lab Sample ID: 720-18064-28  
Client Matrix: Solid

Date Sampled: 02/10/2009 0845  
Date Received: 02/11/2009 1630

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## 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46800      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46845      Lab File ID: d:\data\200902\021209\sa-s  
Dilution: 1.0      Initial Weight/Volume: 5.30 g  
Date Analyzed: 02/12/2009 1710      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		0.0075		0.0047
Gasoline Range Organics (GRO)-C5-C12		0.39		0.24
Toluene		0.012		0.0047
Xylenes, Total		0.038		0.0094
Ethylbenzene		0.0090		0.0047
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		86		74 - 118
1,2-Dichloroethane-d4 (Surr)		100		54 - 134

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16C-30

Lab Sample ID: 720-18064-29

Date Sampled: 02/10/2009 0853

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8260B/CA\_LUFTMS Volatile Organic Compounds by GC/MS

Method: 8260B/CA\_LUFTMS      Analysis Batch: 720-46800      Instrument ID: Saturn 2100  
Preparation: 5030B      Prep Batch: 720-46845      Lab File ID: d:\data\200902\021209\sa-s  
Dilution: 1.0      Initial Weight/Volume: 5.43 g  
Date Analyzed: 02/12/2009 1737      Final Weight/Volume: 10 mL  
Date Prepared: 02/12/2009 0900

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		0.0076		0.0046
Gasoline Range Organics (GRO)-C5-C12		0.40		0.23
Toluene		0.011		0.0046
Xylenes, Total		0.038		0.0092
Ethylbenzene		0.0091		0.0046
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		79		74 - 118
1,2-Dichloroethane-d4 (Surr)		95		54 - 134



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-12-5

Lab Sample ID: 720-18064-1

Client Matrix: Solid

Date Sampled: 02/09/2009 0957

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.33 g

Date Analyzed: 02/13/2009 2203

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		73		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-12-10

Lab Sample ID: 720-18064-2

Client Matrix: Solid

Date Sampled: 02/09/2009 1001

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.03 g

Date Analyzed: 02/13/2009 2043

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		78		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-12-15**

Lab Sample ID: 720-18064-3

Date Sampled: 02/09/2009 1005

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.25 g

Date Analyzed: 02/13/2009 2230

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		74		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-12-20**

Lab Sample ID: 720-18064-4

Date Sampled: 02/09/2009 1007

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.02 g

Date Analyzed: 02/13/2009 2256

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		75		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-13-5**

Lab Sample ID: 720-18064-5

Date Sampled: 02/09/2009 0828

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.34 g

Date Analyzed: 02/13/2009 2323

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		3.9		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		73		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-13-10**

Lab Sample ID: 720-18064-6

Date Sampled: 02/09/2009 0830

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 2.0

Initial Weight/Volume: 30.07 g

Date Analyzed: 02/17/2009 0412

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		110		2.0
Mineral Spirit Range Organics [C9-C13]		93		2.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		73		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-13-15

Lab Sample ID: 720-18064-7

Client Matrix: Solid

Date Sampled: 02/09/2009 0835

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-46902	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-46764	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.06 g
Date Analyzed:	02/17/2009 1005		Final Weight/Volume:	5 mL
Date Prepared:	02/13/2009 1003		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1.3		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	71	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-13-20**

Lab Sample ID: 720-18064-8

Date Sampled: 02/09/2009 0838

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.22 g

Date Analyzed: 02/17/2009 1032

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		2.8		0.99
Mineral Spirit Range Organics [C9-C13]		2.7		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		79		40 - 119



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-14-5

Lab Sample ID: 720-18064-9

Client Matrix: Solid

Date Sampled: 02/09/2009 1402

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.03 g

Date Analyzed: 02/17/2009 1103

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		75		40 - 119

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-14-10

Lab Sample ID: 720-18064-10

Client Matrix: Solid

Date Sampled: 02/09/2009 1405

Date Received: 02/11/2009 1630

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## 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 20

Initial Weight/Volume: 30.41 g

Date Analyzed: 02/17/2009 1416

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1700		20
Mineral Spirit Range Organics [C9-C13]		2400		20

Surrogate	%Rec		Acceptance Limits
p-Terphenyl	0	D	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-14-15**

Lab Sample ID: 720-18064-11

Date Sampled: 02/09/2009 1412

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.43 g

Date Analyzed: 02/17/2009 1156

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		77		40 - 119

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-14-20

Lab Sample ID: 720-18064-12

Client Matrix: Solid

Date Sampled: 02/09/2009 1415

Date Received: 02/11/2009 1630

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## 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.01 g

Date Analyzed: 02/17/2009 1223

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	78	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-15-5

Lab Sample ID: 720-18064-13

Client Matrix: Solid

Date Sampled: 02/09/2009 1531

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.49 g

Date Analyzed: 02/17/2009 1250

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		15		0.98
Mineral Spirit Range Organics [C9-C13]		1.2		0.98
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		82		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-15-10**

Lab Sample ID: 720-18064-14

Client Matrix: Solid

Date Sampled: 02/09/2009 1538

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.29 g

Date Analyzed: 02/17/2009 1317

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1.6		0.99
Mineral Spirit Range Organics [C9-C13]		2.3		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		78		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-15-15

Lab Sample ID: 720-18064-15

Client Matrix: Solid

Date Sampled: 02/09/2009 1544

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.35 g

Date Analyzed: 02/17/2009 1156

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		76		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-15-20**

Lab Sample ID: 720-18064-16

Client Matrix: Solid

Date Sampled: 02/09/2009 1546

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46902

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46764

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.36 g

Date Analyzed: 02/17/2009 1223

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1003

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		68		40 - 119



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16A-5

Lab Sample ID: 720-18064-17

Client Matrix: Solid

Date Sampled: 02/10/2009 1433

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-46902	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-46764	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.40 g
Date Analyzed:	02/17/2009 1250		Final Weight/Volume:	5 mL
Date Prepared:	02/13/2009 1003		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		8.8		0.99
Mineral Spirit Range Organics [C9-C13]		9.4		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	75	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16A-10

Lab Sample ID: 720-18064-18

Client Matrix: Solid

Date Sampled: 02/10/2009 1438

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.16 g

Date Analyzed: 02/16/2009 2102

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		11		0.99
Mineral Spirit Range Organics [C9-C13]		13		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		72		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-16A-15**

Lab Sample ID: 720-18064-19

Date Sampled: 02/10/2009 1442

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.03 g

Date Analyzed: 02/16/2009 2129

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	66	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16B-10

Lab Sample ID: 720-18064-20

Date Sampled: 02/10/2009 1040

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.12 g

Date Analyzed: 02/16/2009 2156

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		43		1.0
Mineral Spirit Range Organics [C9-C13]		49		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		69		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-16B-15**

Lab Sample ID: 720-18064-21

Date Sampled: 02/10/2009 1045

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.43 g

Date Analyzed: 02/16/2009 2035

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		68		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-16B-20**

Lab Sample ID: 720-18064-22

Date Sampled: 02/10/2009 1048

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.05 g

Date Analyzed: 02/16/2009 2223

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	71	40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-16B-25**

Lab Sample ID: 720-18064-23

Date Sampled: 02/10/2009 1052

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.38 g

Date Analyzed: 02/16/2009 2250

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		73		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-16C-5**

Lab Sample ID: 720-18064-24

Date Sampled: 02/10/2009 0825

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method:	8015B	Analysis Batch: 720-46869	Instrument ID: HP DRO5
Preparation:	3550B	Prep Batch: 720-46771	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.01 g
Date Analyzed:	02/16/2009 2317		Final Weight/Volume: 5 mL
Date Prepared:	02/13/2009 1204		Injection Volume:
			Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		1.9		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	71	40 - 119



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16C-10

Lab Sample ID: 720-18064-25

Client Matrix: Solid

Date Sampled: 02/10/2009 0828

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.23 g

Date Analyzed: 02/16/2009 2344

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		29		0.99
Mineral Spirit Range Organics [C9-C13]		42		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		69		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16C-15

Lab Sample ID: 720-18064-26

Client Matrix: Solid

Date Sampled: 02/10/2009 0837

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.17 g

Date Analyzed: 02/17/2009 0011

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		71		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-16C-20**

Lab Sample ID: 720-18064-27

Date Sampled: 02/10/2009 0844

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.03 g

Date Analyzed: 02/17/2009 0225

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		72		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Client Sample ID: MW-16C-25**

Lab Sample ID: 720-18064-28

Date Sampled: 02/10/2009 0845

Client Matrix: Solid

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.30 g

Date Analyzed: 02/17/2009 0252

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		68		40 - 119

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-18064-1

Client Sample ID: MW-16C-30

Lab Sample ID: 720-18064-29

Client Matrix: Solid

Date Sampled: 02/10/2009 0853

Date Received: 02/11/2009 1630

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### 8015B Diesel Range Organics (DRO) (GC)

Method: 8015B

Analysis Batch: 720-46869

Instrument ID: HP DRO5

Preparation: 3550B

Prep Batch: 720-46771

Lab File ID: N/A

Dilution: 1.0

Initial Weight/Volume: 30.02 g

Date Analyzed: 02/17/2009 0319

Final Weight/Volume: 5 mL

Date Prepared: 02/13/2009 1204

Injection Volume:

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		72		40 - 119

## DATA REPORTING QUALIFIERS

Client: San Joaquin Company Inc

Job Number: 720-18064-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC/MS VOA	F	RPD of the MS and MSD exceeds the control limits
GC Semi VOA	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-46783</b>					
LCS 720-46783/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-46783/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-46783/1-A	Method Blank	T	Solid	5030B	
720-18064-10	MW-14-10	T	Solid	5030B	
720-18064-18	MW-16A-10	T	Solid	5030B	
720-18064-20	MW-16B-10	T	Solid	5030B	
720-18064-25	MW-16C-10	T	Solid	5030B	
<b>Analysis Batch:720-46784</b>					
LCS 720-46783/2-A	Lab Control Spike	T	Solid	8260B	720-46783
LCSD 720-46783/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-46783
MB 720-46783/1-A	Method Blank	T	Solid	8260B	720-46783
720-18064-10	MW-14-10	T	Solid	8260B	720-46783
720-18064-18	MW-16A-10	T	Solid	8260B	720-46783
720-18064-20	MW-16B-10	T	Solid	8260B	720-46783
720-18064-25	MW-16C-10	T	Solid	8260B	720-46783
<b>Analysis Batch:720-46799</b>					
LCS 720-46821/2-A	Lab Control Spike	T	Solid	8260B/CA_LUFT	720-46821
LCSD 720-46821/3-A	Lab Control Spike Duplicate	T	Solid	8260B/CA_LUFT	720-46821
MB 720-46821/1-A	Method Blank	T	Solid	8260B/CA_LUFT	720-46821
720-18064-2	MW-12-10	T	Solid	8260B/CA_LUFT	720-46821
720-18064-2MS	Matrix Spike	T	Solid	8260B/CA_LUFT	720-46821
720-18064-2MSD	Matrix Spike Duplicate	T	Solid	8260B/CA_LUFT	720-46821
720-18064-13	MW-15-5	T	Solid	8260B/CA_LUFT	720-46821
720-18064-17	MW-16A-5	T	Solid	8260B/CA_LUFT	720-46821
720-18064-26	MW-16C-15	T	Solid	8260B/CA_LUFT	720-46821
<b>Analysis Batch:720-46800</b>					
LCS 720-46845/2-A	Lab Control Spike	T	Solid	8260B/CA_LUFT	720-46845
LCSD 720-46845/3-A	Lab Control Spike Duplicate	T	Solid	8260B/CA_LUFT	720-46845
MB 720-46845/1-A	Method Blank	T	Solid	8260B/CA_LUFT	720-46845
720-18064-21	MW-16B-15	T	Solid	8260B/CA_LUFT	720-46845
720-18064-22	MW-16B-20	T	Solid	8260B/CA_LUFT	720-46845
720-18064-22MS	Matrix Spike	T	Solid	8260B/CA_LUFT	720-46845
720-18064-22MSD	Matrix Spike Duplicate	T	Solid	8260B/CA_LUFT	720-46845
720-18064-23	MW-16B-25	T	Solid	8260B/CA_LUFT	720-46845
720-18064-24	MW-16C-5	T	Solid	8260B/CA_LUFT	720-46845
720-18064-27	MW-16C-20	T	Solid	8260B/CA_LUFT	720-46845
720-18064-28	MW-16C-25	T	Solid	8260B/CA_LUFT	720-46845
720-18064-29	MW-16C-30	T	Solid	8260B/CA_LUFT	720-46845

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-46821</b>					
LCS 720-46821/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-46821/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-46821/1-A	Method Blank	T	Solid	5030B	
720-18064-2	MW-12-10	T	Solid	5030B	
720-18064-2MS	Matrix Spike	T	Solid	5030B	
720-18064-2MSD	Matrix Spike Duplicate	T	Solid	5030B	
720-18064-13	MW-15-5	T	Solid	5030B	
720-18064-17	MW-16A-5	T	Solid	5030B	
720-18064-26	MW-16C-15	T	Solid	5030B	
<b>Prep Batch: 720-46845</b>					
LCS 720-46845/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-46845/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-46845/1-A	Method Blank	T	Solid	5030B	
720-18064-21	MW-16B-15	T	Solid	5030B	
720-18064-22	MW-16B-20	T	Solid	5030B	
720-18064-22MS	Matrix Spike	T	Solid	5030B	
720-18064-22MSD	Matrix Spike Duplicate	T	Solid	5030B	
720-18064-23	MW-16B-25	T	Solid	5030B	
720-18064-24	MW-16C-5	T	Solid	5030B	
720-18064-27	MW-16C-20	T	Solid	5030B	
720-18064-28	MW-16C-25	T	Solid	5030B	
720-18064-29	MW-16C-30	T	Solid	5030B	
<b>Analysis Batch:720-46848</b>					
LCS 720-46850/2-A	Lab Control Spike	T	Solid	8260B/CA_LUFT	720-46850
LCSD 720-46850/3-A	Lab Control Spike Duplicate	T	Solid	8260B/CA_LUFT	720-46850
MB 720-46850/1-A	Method Blank	T	Solid	8260B/CA_LUFT	720-46850
720-18064-1	MW-12-5	T	Solid	8260B/CA_LUFT	720-46850
720-18064-1MS	Matrix Spike	T	Solid	8260B/CA_LUFT	720-46850
720-18064-1MSD	Matrix Spike Duplicate	T	Solid	8260B/CA_LUFT	720-46850
720-18064-3	MW-12-15	T	Solid	8260B/CA_LUFT	720-46850
720-18064-4	MW-12-20	T	Solid	8260B/CA_LUFT	720-46850
720-18064-5	MW-13-5	T	Solid	8260B/CA_LUFT	720-46850
720-18064-6	MW-13-10	T	Solid	8260B/CA_LUFT	720-46850
720-18064-7	MW-13-15	T	Solid	8260B/CA_LUFT	720-46850
720-18064-8	MW-13-20	T	Solid	8260B/CA_LUFT	720-46850
720-18064-9	MW-14-5	T	Solid	8260B/CA_LUFT	720-46850
720-18064-12	MW-14-20	T	Solid	8260B/CA_LUFT	720-46850
720-18064-15	MW-15-15	T	Solid	8260B/CA_LUFT	720-46850
720-18064-16	MW-15-20	T	Solid	8260B/CA_LUFT	720-46850
720-18064-19	MW-16A-15	T	Solid	8260B/CA_LUFT	720-46850



## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-46850</b>					
LCS 720-46850/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-46850/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-46850/1-A	Method Blank	T	Solid	5030B	
720-18064-1	MW-12-5	T	Solid	5030B	
720-18064-1MS	Matrix Spike	T	Solid	5030B	
720-18064-1MSD	Matrix Spike Duplicate	T	Solid	5030B	
720-18064-3	MW-12-15	T	Solid	5030B	
720-18064-4	MW-12-20	T	Solid	5030B	
720-18064-5	MW-13-5	T	Solid	5030B	
720-18064-6	MW-13-10	T	Solid	5030B	
720-18064-7	MW-13-15	T	Solid	5030B	
720-18064-8	MW-13-20	T	Solid	5030B	
720-18064-9	MW-14-5	T	Solid	5030B	
720-18064-12	MW-14-20	T	Solid	5030B	
720-18064-15	MW-15-15	T	Solid	5030B	
720-18064-16	MW-15-20	T	Solid	5030B	
720-18064-19	MW-16A-15	T	Solid	5030B	
<b>Analysis Batch:720-46894</b>					
LCS 720-46900/2-A	Lab Control Spike	T	Solid	8260B/CA_LUFT	720-46900
LCSD 720-46900/3-A	Lab Control Spike Duplicate	T	Solid	8260B/CA_LUFT	720-46900
MB 720-46900/1-A	Method Blank	T	Solid	8260B/CA_LUFT	720-46900
720-18064-11	MW-14-15	T	Solid	8260B/CA_LUFT	720-46900
<b>Analysis Batch:720-46897</b>					
LCS 720-46915/2-A	Lab Control Spike	T	Solid	8260B/CA_LUFT	720-46915
LCSD 720-46915/3-A	Lab Control Spike Duplicate	T	Solid	8260B/CA_LUFT	720-46915
MB 720-46915/1-A	Method Blank	T	Solid	8260B/CA_LUFT	720-46915
720-18064-14	MW-15-10	T	Solid	8260B/CA_LUFT	720-46915
<b>Prep Batch: 720-46900</b>					
LCS 720-46900/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-46900/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-46900/1-A	Method Blank	T	Solid	5030B	
720-18064-11	MW-14-15	T	Solid	5030B	
<b>Prep Batch: 720-46915</b>					
LCS 720-46915/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-46915/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-46915/1-A	Method Blank	T	Solid	5030B	
720-18064-14	MW-15-10	T	Solid	5030B	

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-46764</b>					
LCS 720-46764/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-46764/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-46764/1-A	Method Blank	T	Solid	3550B	
720-18064-1	MW-12-5	T	Solid	3550B	
720-18064-2	MW-12-10	T	Solid	3550B	
720-18064-2MS	Matrix Spike	T	Solid	3550B	
720-18064-2MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-18064-3	MW-12-15	T	Solid	3550B	
720-18064-4	MW-12-20	T	Solid	3550B	
720-18064-5	MW-13-5	T	Solid	3550B	
720-18064-6	MW-13-10	T	Solid	3550B	
720-18064-7	MW-13-15	T	Solid	3550B	
720-18064-8	MW-13-20	T	Solid	3550B	
720-18064-9	MW-14-5	T	Solid	3550B	
720-18064-10	MW-14-10	T	Solid	3550B	
720-18064-11	MW-14-15	T	Solid	3550B	
720-18064-12	MW-14-20	T	Solid	3550B	
720-18064-13	MW-15-5	T	Solid	3550B	
720-18064-14	MW-15-10	T	Solid	3550B	
720-18064-15	MW-15-15	T	Solid	3550B	
720-18064-16	MW-15-20	T	Solid	3550B	
720-18064-17	MW-16A-5	T	Solid	3550B	
<b>Prep Batch: 720-46771</b>					
LCS 720-46771/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-46771/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-46771/1-A	Method Blank	T	Solid	3550B	
720-18064-18	MW-16A-10	T	Solid	3550B	
720-18064-19	MW-16A-15	T	Solid	3550B	
720-18064-20	MW-16B-10	T	Solid	3550B	
720-18064-21	MW-16B-15	T	Solid	3550B	
720-18064-21MS	Matrix Spike	T	Solid	3550B	
720-18064-21MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-18064-22	MW-16B-20	T	Solid	3550B	
720-18064-23	MW-16B-25	T	Solid	3550B	
720-18064-24	MW-16C-5	T	Solid	3550B	
720-18064-25	MW-16C-10	T	Solid	3550B	
720-18064-26	MW-16C-15	T	Solid	3550B	
720-18064-27	MW-16C-20	T	Solid	3550B	
720-18064-28	MW-16C-25	T	Solid	3550B	
720-18064-29	MW-16C-30	T	Solid	3550B	

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Analysis Batch:720-46869</b>					
LCS 720-46771/2-A	Lab Control Spike	T	Solid	8015B	720-46771
LCSD 720-46771/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-46771
MB 720-46771/1-A	Method Blank	T	Solid	8015B	720-46771
720-18064-18	MW-16A-10	T	Solid	8015B	720-46771
720-18064-19	MW-16A-15	T	Solid	8015B	720-46771
720-18064-20	MW-16B-10	T	Solid	8015B	720-46771
720-18064-21	MW-16B-15	T	Solid	8015B	720-46771
720-18064-21MS	Matrix Spike	T	Solid	8015B	720-46771
720-18064-21MSD	Matrix Spike Duplicate	T	Solid	8015B	720-46771
720-18064-22	MW-16B-20	T	Solid	8015B	720-46771
720-18064-23	MW-16B-25	T	Solid	8015B	720-46771
720-18064-24	MW-16C-5	T	Solid	8015B	720-46771
720-18064-25	MW-16C-10	T	Solid	8015B	720-46771
720-18064-26	MW-16C-15	T	Solid	8015B	720-46771
720-18064-27	MW-16C-20	T	Solid	8015B	720-46771
720-18064-28	MW-16C-25	T	Solid	8015B	720-46771
720-18064-29	MW-16C-30	T	Solid	8015B	720-46771
<b>Analysis Batch:720-46902</b>					
LCS 720-46764/2-A	Lab Control Spike	T	Solid	8015B	720-46764
LCSD 720-46764/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-46764
MB 720-46764/1-A	Method Blank	T	Solid	8015B	720-46764
720-18064-1	MW-12-5	T	Solid	8015B	720-46764
720-18064-2	MW-12-10	T	Solid	8015B	720-46764
720-18064-2MS	Matrix Spike	T	Solid	8015B	720-46764
720-18064-2MSD	Matrix Spike Duplicate	T	Solid	8015B	720-46764
720-18064-3	MW-12-15	T	Solid	8015B	720-46764
720-18064-4	MW-12-20	T	Solid	8015B	720-46764
720-18064-5	MW-13-5	T	Solid	8015B	720-46764
720-18064-6	MW-13-10	T	Solid	8015B	720-46764
720-18064-7	MW-13-15	T	Solid	8015B	720-46764
720-18064-8	MW-13-20	T	Solid	8015B	720-46764
720-18064-9	MW-14-5	T	Solid	8015B	720-46764
720-18064-10	MW-14-10	T	Solid	8015B	720-46764
720-18064-11	MW-14-15	T	Solid	8015B	720-46764
720-18064-12	MW-14-20	T	Solid	8015B	720-46764
720-18064-13	MW-15-5	T	Solid	8015B	720-46764
720-18064-14	MW-15-10	T	Solid	8015B	720-46764
720-18064-15	MW-15-15	T	Solid	8015B	720-46764
720-18064-16	MW-15-20	T	Solid	8015B	720-46764
720-18064-17	MW-16A-5	T	Solid	8015B	720-46764

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Method Blank - Batch: 720-46783**

**Method: 8260B**  
**Preparation: 5030B**

Lab Sample ID: MB 720-46783/1-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 02/13/2009 1205  
Date Prepared: 02/13/2009 0800

Analysis Batch: 720-46784  
Prep Batch: 720-46783  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0213C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		1.0
Ethylbenzene	ND		1.0
Toluene	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C5-C12	ND		50

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	92	70 - 130
1,2-Dichloroethane-d4 (Surr)	89	70 - 130

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-46783**

**Method: 8260B**  
**Preparation: 5030B**

LCS Lab Sample ID: LCS 720-46783/2-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 02/13/2009 1554  
Date Prepared: 02/13/2009 0800

Analysis Batch: 720-46784  
Prep Batch: 720-46783  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0213C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-46783/3-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 02/13/2009 1251  
Date Prepared: 02/13/2009 0800

Analysis Batch: 720-46784  
Prep Batch: 720-46783  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\021309  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	90	96	74 - 121	7	20		
Toluene	88	94	86 - 121	7	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	89		104		70 - 130		
1,2-Dichloroethane-d4 (Surr)	102		104		70 - 130		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Method Blank - Batch: 720-46821**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

Lab Sample ID: MB 720-46821/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/13/2009 1022  
Date Prepared: 02/13/2009 1000

Analysis Batch: 720-46799  
Prep Batch: 720-46821  
Units: mg/Kg

Instrument ID: Saturn 2100  
Lab File ID: d:\data\200902\021309\mb-  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Ethylbenzene	ND		0.0050
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	81	74 - 118	
1,2-Dichloroethane-d4 (Surr)	87	54 - 134	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-46821**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-46821/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/13/2009 1152  
Date Prepared: 02/13/2009 1000

Analysis Batch: 720-46799  
Prep Batch: 720-46821  
Units: mg/Kg

Instrument ID: Saturn 2100  
Lab File ID: d:\data\200902\021309\ls-s  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-46821/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/13/2009 1219  
Date Prepared: 02/13/2009 1000

Analysis Batch: 720-46799  
Prep Batch: 720-46821  
Units: mg/Kg

Instrument ID: Saturn 2100  
Lab File ID: d:\data\200902\021309\ld-so  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	98	92	65 - 121	6	20		
Gasoline Range Organics (GRO)-C5-C12	62	61	42 - 99	2	20		
Toluene	85	77	59 - 113	9	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	84		81		74 - 118		
1,2-Dichloroethane-d4 (Surr)	81		83		54 - 134		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-46821**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

MS Lab Sample ID: 720-18064-2  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/13/2009 1413  
Date Prepared: 02/13/2009 1000

Analysis Batch: 720-46799  
Prep Batch: 720-46821

Instrument ID: Saturn 2100  
Lab File ID: d:\data\200902\021309\sa-  
Initial Weight/Volume: 5.16 g  
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-18064-2  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/13/2009 1440  
Date Prepared: 02/13/2009 1000

Analysis Batch: 720-46799  
Prep Batch: 720-46821

Instrument ID: Saturn 2100  
Lab File ID: d:\data\200902\021309\sa-  
Initial Weight/Volume: 5.23 g  
Final Weight/Volume: 10 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	99	97	56 - 132	4	20		
Gasoline Range Organics (GRO)-C5-C12	65	68	12 - 108	4	20		
Toluene	80	81	48 - 103	1	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	83		83		74 - 118		
1,2-Dichloroethane-d4 (Surr)	81		89		54 - 134		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Method Blank - Batch: 720-46845**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

Lab Sample ID: MB 720-46845/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/12/2009 0954  
Date Prepared: 02/12/2009 0900

Analysis Batch: 720-46800  
Prep Batch: 720-46845  
Units: mg/Kg

Instrument ID: Saturn 2100  
Lab File ID: d:\data\200902\021209\mb-  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Ethylbenzene	ND		0.0050
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	88	74 - 118	
1,2-Dichloroethane-d4 (Surr)	94	54 - 134	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-46845**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-46845/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/12/2009 1108  
Date Prepared: 02/12/2009 0900

Analysis Batch: 720-46800  
Prep Batch: 720-46845  
Units: mg/Kg

Instrument ID: Saturn 2100  
Lab File ID: d:\data\200902\021209\ls-s  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-46845/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/12/2009 1135  
Date Prepared: 02/12/2009 0900

Analysis Batch: 720-46800  
Prep Batch: 720-46845  
Units: mg/Kg

Instrument ID: Saturn 2100  
Lab File ID: d:\data\200902\021209\ld-so  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	108	106	65 - 121	2	20		
Gasoline Range Organics (GRO)-C5-C12	63	66	42 - 99	5	20		
Toluene	87	88	59 - 113	1	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	87		82		74 - 118		
1,2-Dichloroethane-d4 (Surr)	83		83		54 - 134		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-46845**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

MS Lab Sample ID: 720-18064-22  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/12/2009 1456  
Date Prepared: 02/12/2009 0900

Analysis Batch: 720-46800  
Prep Batch: 720-46845

Instrument ID: Saturn 2100  
Lab File ID: d:\data\200902\021209\sa-  
Initial Weight/Volume: 5.23 g  
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-18064-22  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/12/2009 1523  
Date Prepared: 02/12/2009 0900

Analysis Batch: 720-46800  
Prep Batch: 720-46845

Instrument ID: Saturn 2100  
Lab File ID: d:\data\200902\021209\sa-  
Initial Weight/Volume: 5.17 g  
Final Weight/Volume: 10 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	87	76	56 - 132	11	20		
Gasoline Range Organics (GRO)-C5-C12	60	55	12 - 108	6	20		
Toluene	75	75	48 - 103	1	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	82		83		74 - 118		
1,2-Dichloroethane-d4 (Surr)	91		84		54 - 134		

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



## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Method Blank - Batch: 720-46850**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

Lab Sample ID: MB 720-46850/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/12/2009 0953  
Date Prepared: 02/12/2009 0900

Analysis Batch: 720-46848  
Prep Batch: 720-46850  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0212C  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Ethylbenzene	ND		0.0050
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	94	74 - 118	
1,2-Dichloroethane-d4 (Surr)	90	54 - 134	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-46850**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-46850/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/12/2009 1104  
Date Prepared: 02/12/2009 0900

Analysis Batch: 720-46848  
Prep Batch: 720-46850  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0212C  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-46850/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/12/2009 1131  
Date Prepared: 02/12/2009 0900

Analysis Batch: 720-46848  
Prep Batch: 720-46850  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0212C  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	100	100	65 - 121	1	20		
Gasoline Range Organics (GRO)-C5-C12	72	76	42 - 99	6	20		
Toluene	78	81	59 - 113	3	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	96		95		74 - 118		
1,2-Dichloroethane-d4 (Surr)	95		110		54 - 134		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-46850**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

MS Lab Sample ID: 720-18064-1  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/12/2009 1235  
Date Prepared: 02/12/2009 0900

Analysis Batch: 720-46848  
Prep Batch: 720-46850

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0212  
Initial Weight/Volume: 5.09 g  
Final Weight/Volume: 10 mL

MSD Lab Sample ID: 720-18064-1  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/12/2009 1257  
Date Prepared: 02/12/2009 0900

Analysis Batch: 720-46848  
Prep Batch: 720-46850

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0212  
Initial Weight/Volume: 5.05 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	70	80	56 - 132	15	20		
Gasoline Range Organics (GRO)-C5-C12	48	59	12 - 108	21	20		F
Toluene	60	70	48 - 103	16	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	95		96		74 - 118		
1,2-Dichloroethane-d4 (Surr)	100		84		54 - 134		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Method Blank - Batch: 720-46900**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

Lab Sample ID: MB 720-46900/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/17/2009 0949  
Date Prepared: 02/17/2009 0900

Analysis Batch: 720-46894  
Prep Batch: 720-46900  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0217C  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Ethylbenzene	ND		0.0050
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	93	74 - 118	
1,2-Dichloroethane-d4 (Surr)	100	54 - 134	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-46900**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-46900/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/17/2009 1026  
Date Prepared: 02/17/2009 0900

Analysis Batch: 720-46894  
Prep Batch: 720-46900  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0217C  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-46900/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/17/2009 1049  
Date Prepared: 02/17/2009 0900

Analysis Batch: 720-46894  
Prep Batch: 720-46900  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\021709  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	99	92	65 - 121	7	20		
Gasoline Range Organics (GRO)-C5-C12	73	72	42 - 99	1	20		
Toluene	81	77	59 - 113	5	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		93		74 - 118		
1,2-Dichloroethane-d4 (Surr)	98		102		54 - 134		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Method Blank - Batch: 720-46915**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

Lab Sample ID: MB 720-46915/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/16/2009 1020  
Date Prepared: 02/16/2009 1000

Analysis Batch: 720-46897  
Prep Batch: 720-46915  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0216C  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	Result	Qual	RL
Benzene	ND		0.0050
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
Toluene	ND		0.0050
Xylenes, Total	ND		0.010
Ethylbenzene	ND		0.0050
<hr/>			
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	94	74 - 118	
1,2-Dichloroethane-d4 (Surr)	92	54 - 134	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-46915**

**Method: 8260B/CA\_LUFTMS  
Preparation: 5030B**

LCS Lab Sample ID: LCS 720-46915/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/16/2009 1059  
Date Prepared: 02/16/2009 1000

Analysis Batch: 720-46897  
Prep Batch: 720-46915  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\0216C  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-46915/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/16/2009 1121  
Date Prepared: 02/16/2009 1000

Analysis Batch: 720-46897  
Prep Batch: 720-46915  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: e:\data\2009\200902\021609  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	95	89	65 - 121	6	20		
Gasoline Range Organics (GRO)-C5-C12	72	69	42 - 99	4	20		
Toluene	79	72	59 - 113	9	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	94		94		74 - 118		
1,2-Dichloroethane-d4 (Surr)	90		106		54 - 134		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Method Blank - Batch: 720-46764**

**Method: 8015B**  
**Preparation: 3550B**

Lab Sample ID: MB 720-46764/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/14/2009 0136  
Date Prepared: 02/13/2009 1003

Analysis Batch: 720-46902  
Prep Batch: 720-46764  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.04 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Mineral Spirit Range Organics [C9-C13]	ND		1.0
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	89	40 - 119	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-46764**

**Method: 8015B**  
**Preparation: 3550B**

LCS Lab Sample ID: LCS 720-46764/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/14/2009 0043  
Date Prepared: 02/13/2009 1003

Analysis Batch: 720-46902  
Prep Batch: 720-46764  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.09 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-46764/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/14/2009 0110  
Date Prepared: 02/13/2009 1003

Analysis Batch: 720-46902  
Prep Batch: 720-46764  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.03 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	93	90	50 - 130	3	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	86		86		40 - 119		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-46764**

**Method: 8015B  
Preparation: 3550B**

MS Lab Sample ID: 720-18064-2  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/13/2009 2110  
Date Prepared: 02/13/2009 1003

Analysis Batch: 720-46902  
Prep Batch: 720-46764

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.08 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

MSD Lab Sample ID: 720-18064-2  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/13/2009 2136  
Date Prepared: 02/13/2009 1003

Analysis Batch: 720-46902  
Prep Batch: 720-46764

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.05 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C28]	76	75	50 - 130	2	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
p-Terphenyl		74	73			40 - 119	

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Method Blank - Batch: 720-46771**

**Method: 8015B**  
**Preparation: 3550B**

Lab Sample ID: MB 720-46771/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/17/2009 1005  
Date Prepared: 02/13/2009 1204

Analysis Batch: 720-46869  
Prep Batch: 720-46771  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.19 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		0.99
Mineral Spirit Range Organics [C9-C13]	ND		0.99
<hr/>			
Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	89	40 - 119	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-46771**

**Method: 8015B**  
**Preparation: 3550B**

LCS Lab Sample ID: LCS 720-46771/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/16/2009 1725  
Date Prepared: 02/13/2009 1204

Analysis Batch: 720-46869  
Prep Batch: 720-46771  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.36 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-46771/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/16/2009 1753  
Date Prepared: 02/13/2009 1204

Analysis Batch: 720-46869  
Prep Batch: 720-46771  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.24 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	101	94	50 - 130	6	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	82	82	82		40 - 119		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-18064-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-46771**

**Method: 8015B  
Preparation: 3550B**

MS Lab Sample ID: 720-18064-21  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/16/2009 1941  
Date Prepared: 02/13/2009 1204

Analysis Batch: 720-46869  
Prep Batch: 720-46771

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.04 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

MSD Lab Sample ID: 720-18064-21  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 02/16/2009 2008  
Date Prepared: 02/13/2009 1204

Analysis Batch: 720-46869  
Prep Batch: 720-46771

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.01 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C28]	83	80	50 - 130	3	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
p-Terphenyl		75	75			40 - 119	

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



# THE SAN JOAQUIN COMPANY INC.

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## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below:

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

720-18064

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

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.0811** Project Mgr.: **DJW**  
Sampling Team: **DJW/AO**

LABORATORY: **TestAmerica**  
CARRIER: **THE SAN JOAQUIN COMPANY INC.**

WAYBILL NO.:           N/A          

SITE GLOBAL I.D. No.: T06019705080

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
1	MW-12-5	Soil	MW-12	n/a	n/a	02/9/09	9:57	
2	MW-12-10		MW-12				10:01	
3	MW-12-15		MW-12				10:05	
4	MW-12-20		MW-12				10:07	
Analyze all samples for:								
TPH(g)+BTEX								
TPH(d) + Mineral Spirits								
5	MW-13-5		MW-13				8:23	
6	MW-13-10		MW-13				8:30	
7	MW-13-15		MW-13				8:35	
8	MW-13-20		MW-13				8:38	

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

Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville Agreement Need Geotracker EDF

Temp 4.2°C

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	DJ Watkins	San Joaquin Co	—	—	02/11/09	16:30	[Signature]
Received/ Relinquished by:	[Signature]	TA -SE	02-11-09	16:30			
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:							

# THE SAN JOAQUIN COMPANY INC.

Transmit results to office checked below:

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

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

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.0811** Project Mgr.: **DJW**  
Sampling Team: **DJW/AO**

SITE GLOBAL I.D. No.: T06019705080

720-18064

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

LABORATORY: **TestAmerica**  
CARRIER: **THE SAN JOAQUIN COMPANY INC.**

WAYBILL NO.:           N/A          

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
9	MW-14-5	Soil	MW-14	n/a	n/a	02/9/09	2:02	
10	MW-14-10		MW-14				2:05	
11	MW-14-15		MW-14				2:12	
12	MW-14-20		MW-14				2:15	
13	MW-15-5		MW-15				3:31	
14	MW-15-10		MW-15				3:39	
15	MW-15-15		MW-15				3:44	
16	MW-15-20		MW-15				3:46	

Analyze all samples for:  
TPH(g)+BTEX  
TPH(d) + Mineral Spirits

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

Notes: Pricing per Bay Rock Emeryville Agreement. Need Geotracker EDF

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	<i>Don Warkins</i>	San Joaquin Co	—	—	02/11/09	16:30	<i>D. Warkins</i>
Received/ Relinquished by:	<i>Joseph...</i>	TA SF	02-11-09	16:30			
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:							

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# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below:

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

**720-18064**

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

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.0811** Project Mgr.: **DJW**  
Sampling Team: **DJW/AO**

LABORATORY: **TestAmerica**  
CARRIER: **THE SAN JOAQUIN COMPANY INC.**

WAYBILL NO.:           N/A          

SITE GLOBAL I.D. No.: T06019705080

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
17 MW-16A-4	Soil	MW-16	n/a	n/a	02/10/09	2:33	Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits	
18 MW-16A-10		MW-16				2:38		
19 MW-16A-15		MW-16				2:42		
MW-16A- SAMPLE LOST		MW-16						
MW-16B-5								
20 MW-16B-10		MW-16B				10:40		
21 MW-16B-15		MW-16B				10:45		
22 MW-16B-20		MW-16B				10:49		
23 MW-16B-25		MW-16B				10:52		
MW-16B-		MW-16B						
MW-16B-		MW-16B						

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

Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville Agreement. Need Geotracker EDF

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	<i>Dan Markins</i>	San Joaquin Co	—	—	02/09/09	16:30	<i>[Signature]</i>
Received/ Relinquished by:	<i>Napores</i>	TASF	02-11-09	16:30			
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:							

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below:

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

720-18064

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

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.0811** Project Mgr.: **DJW**  
Sampling Team: **DJW/AO**

LABORATORY: **TestAmerica**  
CARRIER: **THE SAN JOAQUIN COMPANY INC.**

WAYBILL No.:           N/A          

SITE GLOBAL I.D. No.: T06019705080

2/11  
2/18  
24.80  
25.21  
26.33  
27.23  
28.44  
29.25

Sample Number	Type	Field Point	Depth to GW in ft.	Casing Elev. in ft.	Date Sampled	Time Sampled	Analyses Requested	Lab. No.
MW-16C-5	Soil	MW-16C	n/a	n/a	02/10/09	8:23	Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits	
MW-16C-10		MW-16C				8:28		
MW-16C-15		MW-16C				8:37		
MW-16C-20		MW-16C				8:44		
MW-16C-25		MW-16C				8:45		
MW-16C-30		MW-16C				8:53		
MW-16C-		MW-16C						
MW-16C-		MW-16C						

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

Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville Agreement Need Geotracker EDF

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	Dick Markus	San Joaquin Co	—	—	02/09/09	16:30	DJW
Received/ Relinquished by:	Sanjiv	TA-SF	02-11-09	16:30			
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:							