

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

**RECEIVED**

3:19 pm, Aug 31, 2009

Alameda County  
Environmental Health

## REMEDIATION REPORT

Oak Walk Redevelopment Site  
Emeryville, California



*for*

**Bay Rock Oaks, LLC**

VOLUME II of IV

August 2009

Project No.: 0004.086

## APPENDIX E

Certificates of Analysis August 9, 2007 -  
September 24, 2007

## ANALYTICAL REPORT

Job Number: 720-10278-1

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



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Designee for  
Surinder Sidhu  
Project Manager I  
surinder.sidhu@testamericainc.com  
08/16/2007

**Job Narrative**  
**720-J10278-1**

**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 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: 720-10278-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
720-10278-2 Diesel Range Organics [C10-C28]	T11-5	9.2	0.99	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10278-1

<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 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: 720-10278-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10278-1	T11-15	Solid	08/08/2007 1515	08/09/2007 1445
720-10278-2	T11-5	Solid	08/08/2007 1100	08/09/2007 1445
720-10278-3	T11-10	Solid	08/08/2007 1115	08/09/2007 1445







# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10278-1

Client Sample ID: T11-10

Lab Sample ID: 720-10278-3

Date Sampled: 08/08/2007 1115

Client Matrix: Solid

Date Received: 08/09/2007 1445

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-24750	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-24728	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.13 g
Date Analyzed:	08/14/2007 0448		Final Weight/Volume: 10 mL
Date Prepared:	08/13/2007 1953		

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)	108	60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10278-1

**Client Sample ID: T11-15**

Lab Sample ID: 720-10278-1  
Client Matrix: Solid

Date Sampled: 08/08/2007 1515  
Date Received: 08/09/2007 1445

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

Method:	8015B	Analysis Batch: 720-24909	Instrument ID: HP DRO5
Preparation:	3550B	Prep Batch: 720-24737	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.38 g
Date Analyzed:	08/15/2007 2001		Final Weight/Volume: 5 mL
Date Prepared:	08/14/2007 0730		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10278-1

**Client Sample ID: T11-5**

Lab Sample ID: 720-10278-2

Date Sampled: 08/08/2007 1100

Client Matrix: Solid

Date Received: 08/09/2007 1445

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

Method:	8015B	Analysis Batch: 720-24909	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-24737	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.23 g
Date Analyzed:	08/15/2007 2028		Final Weight/Volume:	5 mL
Date Prepared:	08/14/2007 0730		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		9.2		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	73	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10278-1

**Client Sample ID: T11-10**

Lab Sample ID: 720-10278-3

Date Sampled: 08/08/2007 1115

Client Matrix: Solid

Date Received: 08/09/2007 1445

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

Method:	8015B	Analysis Batch: 720-24909	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-24737	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.08 g
Date Analyzed:	08/15/2007 2054		Final Weight/Volume:	5 mL
Date Prepared:	08/14/2007 0730		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	74	46 - 105

## 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: 720-10278-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-24728</b>					
LCS 720-24728/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-24728/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-24728/1-A	Method Blank	T	Solid	5030B	
720-10278-1	T11-15	T	Solid	5030B	
720-10278-2	T11-5	T	Solid	5030B	
720-10278-3	T11-10	T	Solid	5030B	
<b>Analysis Batch:720-24750</b>					
LCS 720-24728/2-A	Lab Control Spike	T	Solid	8260B	720-24728
LCSD 720-24728/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-24728
MB 720-24728/1-A	Method Blank	T	Solid	8260B	720-24728
720-10278-1	T11-15	T	Solid	8260B	720-24728
720-10278-2	T11-5	T	Solid	8260B	720-24728
720-10278-3	T11-10	T	Solid	8260B	720-24728
<b>Report Basis</b>					
T = Total					
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-24737</b>					
LCS 720-24737/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-24737/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-24737/1-A	Method Blank	T	Solid	3550B	
720-10278-1	T11-15	T	Solid	3550B	
720-10278-2	T11-5	T	Solid	3550B	
720-10278-3	T11-10	T	Solid	3550B	
<b>Analysis Batch:720-24836</b>					
LCS 720-24737/2-A	Lab Control Spike	T	Solid	8015B	720-24737
LCSD 720-24737/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-24737
MB 720-24737/1-A	Method Blank	T	Solid	8015B	720-24737
<b>Analysis Batch:720-24909</b>					
720-10278-1	T11-15	T	Solid	8015B	720-24737
720-10278-2	T11-5	T	Solid	8015B	720-24737
720-10278-3	T11-10	T	Solid	8015B	720-24737
<b>Report Basis</b>					
T = Total					

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10278-1

**Method Blank - Batch: 720-24728**

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

Lab Sample ID: MB 720-24728/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/13/2007 2135  
Date Prepared: 08/13/2007 1953

Analysis Batch: 720-24750  
Prep Batch: 720-24728  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\08  
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
Xylenes, Total	ND		0.010
Gasoline Range Organics (GRO)-C5-C12	ND		0.25
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Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	98	70 - 130	
1,2-Dichloroethane-d4 (Surr)	95	60 - 140	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24728**

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

LCS Lab Sample ID: LCS 720-24728/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/13/2007 2050  
Date Prepared: 08/13/2007 1953

Analysis Batch: 720-24750  
Prep Batch: 720-24728  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\08  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-24728/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/13/2007 2113  
Date Prepared: 08/13/2007 1953

Analysis Batch: 720-24750  
Prep Batch: 720-24728  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\08  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	96	109	69 - 129	13	20		
Toluene	109	116	70 - 130	6	20		
Gasoline Range Organics (GRO)-C5-C12	76	82	60 - 130	8	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	98		97		70 - 130		
1,2-Dichloroethane-d4 (Surr)	83		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: 720-10278-1

**Method Blank - Batch: 720-24737**

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

Lab Sample ID: MB 720-24737/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/14/2007 2306  
Date Prepared: 08/14/2007 0730

Analysis Batch: 720-24836  
Prep Batch: 720-24737  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.25 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
<b>Surrogate</b>		<b>% Rec</b>	<b>Acceptance Limits</b>
p-Terphenyl	80		46 - 105

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24737**

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

LCS Lab Sample ID: LCS 720-24737/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/14/2007 2213  
Date Prepared: 08/14/2007 0730

Analysis Batch: 720-24836  
Prep Batch: 720-24737  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.20 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-24737/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/14/2007 2240  
Date Prepared: 08/14/2007 0730

Analysis Batch: 720-24836  
Prep Batch: 720-24737  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.35 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	75	74	50 - 130	2	30		
<b>Surrogate</b>		<b>LCS % Rec</b>	<b>LCSD % Rec</b>		<b>Acceptance Limits</b>		
p-Terphenyl	84	86			46 - 105		

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

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

720-10278

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

WAYBILL NO.: N/A

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.085** 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.
T11-15	Soil	T11	n/a	n/a	08/8/07	3:15	2.5°C	
T11-5		T11			08/9/07	1100	Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits	
T11-10		T11			08/9/07	1115		

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:	DJ Watkins	San Joaquin Co	—	—	08/9/07	19:45	[Signature]
Received/ Relinquished by:	[Signature]						
Received/ Relinquished by:	[Signature]						
Received/ Relinquished by:	[Signature]						
Received at Laboratory by:	Devesh Naidoo	TAL-SF	8/9/07	1445	—	—	[Signature]

2.5°C

Rev. 08/07

08/16/2007

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## ANALYTICAL REPORT

Job Number: 720-10279-1

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  
Project Manager I  
surinder.sidhu@testamericainc.com  
08/17/2007

**Job Narrative**  
**720-J10279-1**

**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: 720-10279-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10279-1</b>	<b>W11</b>				
Gasoline Range Organics (GRO)-C5-C12		1800	500	ug/L	8260B
Diesel Range Organics [C10-C28]		4500	50	ug/L	8015B
Mineral Spirit Range Organics [C9-C13]		5800	50	ug/L	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10279-1

<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: 720-10279-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10279-1	W11	Water	08/08/2007 1600	08/09/2007 1445

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10279-1

Client Sample ID: W11

Lab Sample ID: 720-10279-1

Date Sampled: 08/08/2007 1600

Client Matrix: Water

Date Received: 08/09/2007 1445

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-24923	Instrument ID: Saturn 2100
Preparation:	5030B		Lab File ID: c:\saturnws\data\200708\08
Dilution:	10		Initial Weight/Volume: 10 mL
Date Analyzed:	08/16/2007 1730		Final Weight/Volume: 10 mL
Date Prepared:	08/16/2007 1730		

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	1800		500
Ethyl tert-butyl ether	ND		5.0

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	100	77 - 121
1,2-Dichloroethane-d4 (Surr)	95	73 - 130



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10279-1

Client Sample ID: W11

Lab Sample ID: 720-10279-1

Date Sampled: 08/08/2007 1600

Client Matrix: Water

Date Received: 08/09/2007 1445

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

Method:	8015B	Analysis Batch: 720-24890	Instrument ID: HP DRO5
Preparation:	3510C	Prep Batch: 720-24690	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 250 mL
Date Analyzed:	08/14/2007 0052		Final Weight/Volume: 1 mL
Date Prepared:	08/13/2007 1242		Injection Volume:
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	4500		50
Mineral Spirit Range Organics [C9-C13]	5800		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	79	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: 720-10279-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-24923</b>					
LCS 720-24923/2	Lab Control Spike	T	Water	8260B	
LCSD 720-24923/1	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-24923/3	Method Blank	T	Water	8260B	
720-10279-1	W11	T	Water	8260B	

#### Report Basis

T = Total

### GC Semi VOA

<b>Prep Batch: 720-24690</b>					
LCS 720-24690/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-24690/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-24690/1-A	Method Blank	T	Water	3510C	
720-10279-1	W11	T	Water	3510C	
<b>Analysis Batch:720-24890</b>					
LCS 720-24690/2-A	Lab Control Spike	T	Water	8015B	720-24690
LCSD 720-24690/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-24690
MB 720-24690/1-A	Method Blank	T	Water	8015B	720-24690
720-10279-1	W11	T	Water	8015B	720-24690

#### Report Basis

T = Total

# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10279-1

## Method Blank - Batch: 720-24923

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

Lab Sample ID: MB 720-24923/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/16/2007 1437  
Date Prepared: 08/16/2007 1437

Analysis Batch: 720-24923  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 2100  
Lab File ID: c:\saturnws\data\200708\08  
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)	102		77 - 121
1,2-Dichloroethane-d4 (Surr)	103		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: 720-10279-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24923**

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

LCS Lab Sample ID: LCS 720-24923/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/16/2007 1704  
Date Prepared: 08/16/2007 1704

Analysis Batch: 720-24923  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 2100  
Lab File ID: c:\satumws\data\200708\081  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-24923/1  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/16/2007 1411  
Date Prepared: 08/16/2007 1411

Analysis Batch: 720-24923  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Saturn 2100  
Lab File ID: c:\satumws\data\200708\081  
Initial Weight/Volume: 10 mL  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	104	110	69 - 129	6	20		
MTBE	94	106	65 - 165	11	20		
Toluene	110	113	70 - 130	2	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		96		77 - 121		
1,2-Dichloroethane-d4 (Surr)	85		86		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: 720-10279-1

**Method Blank - Batch: 720-24690**

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

Lab Sample ID: MB 720-24690/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/14/2007 0024  
Date Prepared: 08/13/2007 1242

Analysis Batch: 720-24890  
Prep Batch: 720-24690  
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	90	50 - 150	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24690**

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

LCS Lab Sample ID: LCS 720-24690/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/13/2007 2330  
Date Prepared: 08/13/2007 1242

Analysis Batch: 720-24890  
Prep Batch: 720-24690  
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 720-24690/3-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 08/13/2007 2357  
Date Prepared: 08/13/2007 1242

Analysis Batch: 720-24890  
Prep Batch: 720-24690  
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]	95	90	50 - 130	5	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
p-Terphenyl	96	93	93	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:

**720-10279**

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.

WAYBILL No.:           N/A          

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.085** 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.
W11	water	n/a	n/a	n/a	08/07		2.5°C	4-40ml 1-AMBER L

Analyze all samples for:  
TPH(g)+BTEX+ TBA, MTBE, DIPE, ETBE & TAME  
  
TPH(d) + Mineral Spirits

*PLEASE PROVIDE CHROMATOGRAMS  
FOR GASOLINE, MINERAL SPIRITS  
& DIESEL FUEL CONTAMINANTS*

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:	DJ Watkins	San Joaquin Co	—	—	08/09/07	14:45-	D.J. Watkins
Received/ Relinquished by:							
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:	Devash Naidoo	TAL-SF	8/9/07	1445	—	—	<i>[Signature]</i>

2.5°C

## ANALYTICAL REPORT

Job Number: 720-10302-1

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  
Project Manager I  
surinder.sidhu@testamericainc.com  
08/17/2007



**Job Narrative**  
**720-J10302-1**

**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 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: 720-10302-1

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: 720-10302-1

<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 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: 720-10302-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10302-1	W15N61	Solid	08/10/2007 1120	08/10/2007 1528
720-10302-2	EX2EMSC	Solid	08/10/2007 1215	08/10/2007 1528

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10302-1

Client Sample ID: W15N61

Lab Sample ID: 720-10302-1

Date Sampled: 08/10/2007 1120

Client Matrix: Solid

Date Received: 08/10/2007 1528

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-24974	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-24928	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.10 g
Date Analyzed:	08/17/2007 1250		Final Weight/Volume: 10.00 mL
Date Prepared:	08/17/2007 0451		

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		0.0098
Gasoline Range Organics (GRO)-C5-C12		ND		0.25

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	98	70 - 130
1,2-Dichloroethane-d4 (Surr)	94	60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10302-1

Client Sample ID: EX2EMSC

Lab Sample ID: 720-10302-2

Client Matrix: Solid

Date Sampled: 08/10/2007 1215

Date Received: 08/10/2007 1528

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-24774	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-24736	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.28 g
Date Analyzed:	08/14/2007 1243		Final Weight/Volume: 10.0 mL
Date Prepared:	08/14/2007 0711		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Ethylbenzene		ND		0.0047
Toluene		ND		0.0047
MTBE		ND		0.0047
Xylenes, Total		ND		0.0095
Gasoline Range Organics (GRO)-C5-C12		ND		0.24

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	94	60 - 140



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10302-1

Client Sample ID: EX2EMSC

Lab Sample ID: 720-10302-2

Date Sampled: 08/10/2007 1215

Client Matrix: Solid

Date Received: 08/10/2007 1528

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

Method:	8015B	Analysis Batch: 720-24909	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-24737	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.06 g
Date Analyzed:	08/15/2007 2148		Final Weight/Volume:	5 mL
Date Prepared:	08/14/2007 0730		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	67	46 - 105



## 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: 720-10302-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-24736</b>					
LCS 720-24736/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-24736/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-24736/1-A	Method Blank	T	Solid	5030B	
720-10302-2	EX2EMSC	T	Solid	5030B	
<b>Analysis Batch:720-24774</b>					
LCS 720-24736/2-A	Lab Control Spike	T	Solid	8260B	720-24736
LCSD 720-24736/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-24736
MB 720-24736/1-A	Method Blank	T	Solid	8260B	720-24736
720-10302-2	EX2EMSC	T	Solid	8260B	720-24736
<b>Prep Batch: 720-24928</b>					
LCS 720-24928/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-24928/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-24928/1-A	Method Blank	T	Solid	5030B	
720-10302-1	W15N61	T	Solid	5030B	
<b>Analysis Batch:720-24974</b>					
LCS 720-24928/2-A	Lab Control Spike	T	Solid	8260B	720-24928
LCSD 720-24928/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-24928
MB 720-24928/1-A	Method Blank	T	Solid	8260B	720-24928
720-10302-1	W15N61	T	Solid	8260B	720-24928

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10302-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-24737</b>					
LCS 720-24737/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-24737/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-24737/1-A	Method Blank	T	Solid	3550B	
720-10302-1	W15N61	T	Solid	3550B	
720-10302-2	EX2EMSC	T	Solid	3550B	
<b>Analysis Batch:720-24836</b>					
LCS 720-24737/2-A	Lab Control Spike	T	Solid	8015B	720-24737
LCSD 720-24737/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-24737
MB 720-24737/1-A	Method Blank	T	Solid	8015B	720-24737
<b>Analysis Batch:720-24909</b>					
720-10302-1	W15N61	T	Solid	8015B	720-24737
720-10302-2	EX2EMSC	T	Solid	8015B	720-24737

#### Report Basis

T = Total

# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10302-1

## Method Blank - Batch: 720-24736

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

Lab Sample ID: MB 720-24736/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/14/2007 0937  
Date Prepared: 08/14/2007 0711

Analysis Batch: 720-24774  
Prep Batch: 720-24736  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\08  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.0 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)	100	70 - 130	
1,2-Dichloroethane-d4 (Surr)	96	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: 720-10302-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24736**

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

LCS Lab Sample ID: LCS 720-24736/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/14/2007 0851  
Date Prepared: 08/14/2007 0711

Analysis Batch: 720-24774  
Prep Batch: 720-24736  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\081  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.0 mL

LCSD Lab Sample ID: LCSD 720-24736/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/14/2007 0913  
Date Prepared: 08/14/2007 0711

Analysis Batch: 720-24774  
Prep Batch: 720-24736  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\081  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	84	95	69 - 129	12	20		
Toluene	90	108	70 - 130	18	20		
MTBE	84	95	65 - 165	12	20		
Gasoline Range Organics (GRO)-C5-C12	60	69	60 - 130	13	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	98		98		70 - 130		
1,2-Dichloroethane-d4 (Surr)	82		86		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: 720-10302-1

## Method Blank - Batch: 720-24928

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

Lab Sample ID: MB 720-24928/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/17/2007 0900  
Date Prepared: 08/17/2007 0451

Analysis Batch: 720-24974  
Prep Batch: 720-24928  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\08  
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
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)	96	70 - 130	
1,2-Dichloroethane-d4 (Surr)	97	60 - 140	

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

## ANALYTICAL REPORT

Job Number: 720-10342-1

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  
Project Manager I  
surinder.sidhu@testamericainc.com  
08/22/2007

**Job Narrative**  
**720-J10342-1**

**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 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: 720-10342-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10342-1</b>	<b>W0N0</b>				
Gasoline Range Organics (GRO)-C5-C12		3.2	1.2	mg/Kg	8260B
Diesel Range Organics [C10-C28]		28	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		6.3	1.0	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10342-1

<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 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: 720-10342-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10342-1	W0N0	Solid	08/14/2007 0800	08/15/2007 0849
720-10342-2	W0N25	Solid	08/14/2007 0922	08/15/2007 0849
720-10342-3	W0N35	Solid	08/14/2007 0840	08/15/2007 0849
720-10342-4	W0N50	Solid	08/14/2007 0835	08/15/2007 0849
720-10342-5	W0N65	Solid	08/14/2007 0845	08/15/2007 0849
720-10342-6	W25N0	Solid	08/14/2007 0810	08/15/2007 0849
720-10342-7	W25N25	Solid	08/14/2007 0830	08/15/2007 0849

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

Client Sample ID: W0N0

Lab Sample ID: 720-10342-1

Client Matrix: Solid

Date Sampled: 08/14/2007 0800

Date Received: 08/15/2007 0849

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-24845	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-24797	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 1.04 g
Date Analyzed:	08/15/2007 1746		Final Weight/Volume: 10.0 mL
Date Prepared:	08/15/2007 0729		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.024
Ethylbenzene		ND		0.024
Toluene		ND		0.024
Xylenes, Total		ND		0.048
Gasoline Range Organics (GRO)-C5-C12		3.2		1.2
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		95		70 - 130
1,2-Dichloroethane-d4 (Surr)		91		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

Client Sample ID: W0N25

Lab Sample ID: 720-10342-2

Date Sampled: 08/14/2007 0922

Client Matrix: Solid

Date Received: 08/15/2007 0849

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-24845	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-24797	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.00 g
Date Analyzed:	08/15/2007 1831		Final Weight/Volume: 10 mL
Date Prepared:	08/15/2007 0729		

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)	96	70 - 130
1,2-Dichloroethane-d4 (Surr)	100	60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

Client Sample ID: W0N35

Lab Sample ID: 720-10342-3

Client Matrix: Solid

Date Sampled: 08/14/2007 0840

Date Received: 08/15/2007 0849

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-24845	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-24797	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.23 g
Date Analyzed:	08/15/2007 1853		Final Weight/Volume: 10 mL
Date Prepared:	08/15/2007 0729		

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)	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	100	60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

Client Sample ID: W0N50

Lab Sample ID: 720-10342-4

Date Sampled: 08/14/2007 0835

Client Matrix: Solid

Date Received: 08/15/2007 0849

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

Method:	8260B	Analysis Batch: 720-24845	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-24797	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.72 g
Date Analyzed:	08/15/2007 1915		Final Weight/Volume: 10 mL
Date Prepared:	08/15/2007 0729		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0044
Ethylbenzene		ND		0.0044
Toluene		ND		0.0044
Xylenes, Total		ND		0.0087
Gasoline Range Organics (GRO)-C5-C12		ND		0.22

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	70 - 130
1,2-Dichloroethane-d4 (Surr)	98	60 - 140





## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

Client Sample ID: W25N0

Lab Sample ID: 720-10342-6

Date Sampled: 08/14/2007 0810

Client Matrix: Solid

Date Received: 08/15/2007 0849

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

Method:	8260B	Analysis Batch: 720-24834	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-24796	Lab File ID: c:\saturnws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.82 g
Date Analyzed:	08/15/2007 1841		Final Weight/Volume: 10 mL
Date Prepared:	08/15/2007 0726		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0043
Ethylbenzene		ND		0.0043
Toluene		ND		0.0043
Xylenes, Total		ND		0.0086
Gasoline Range Organics (GRO)-C5-C12		ND		0.21
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		93		70 - 130
1,2-Dichloroethane-d4 (Surr)		82		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

Client Sample ID: W25N25

Lab Sample ID: 720-10342-7

Date Sampled: 08/14/2007 0830

Client Matrix: Solid

Date Received: 08/15/2007 0849

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-24834	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-24796	Lab File ID: c:\saturnws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.13 g
Date Analyzed:	08/15/2007 1904		Final Weight/Volume: 10 mL
Date Prepared:	08/15/2007 0726		

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)	94	70 - 130
1,2-Dichloroethane-d4 (Surr)	84	60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

Client Sample ID: W0N0

Lab Sample ID: 720-10342-1

Date Sampled: 08/14/2007 0800

Client Matrix: Solid

Date Received: 08/15/2007 0849

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

Method:	8015B	Analysis Batch: 720-25007	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-24946	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.12 g
Date Analyzed:	08/20/2007 1722		Final Weight/Volume:	5 mL
Date Prepared:	08/17/2007 1032		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		28		1.0
Mineral Spirit Range Organics [C9-C13]		6.3		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	81	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

**Client Sample ID: W0N25**

Lab Sample ID: 720-10342-2

Date Sampled: 08/14/2007 0922

Client Matrix: Solid

Date Received: 08/15/2007 0849

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

Method:	8015B	Analysis Batch: 720-25007	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-24946	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.09 g
Date Analyzed:	08/20/2007 1749		Final Weight/Volume:	5 mL
Date Prepared:	08/17/2007 1032		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: 720-10342-1

**Client Sample ID: W0N35**

Lab Sample ID: 720-10342-3

Date Sampled: 08/14/2007 0840

Client Matrix: Solid

Date Received: 08/15/2007 0849

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

Method:	8015B	Analysis Batch: 720-25007	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-24946	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.44 g
Date Analyzed:	08/20/2007 1816		Final Weight/Volume:	5 mL
Date Prepared:	08/17/2007 1032		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

Client Sample ID: W0N50

Lab Sample ID: 720-10342-4

Date Sampled: 08/14/2007 0835

Client Matrix: Solid

Date Received: 08/15/2007 0849

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

Method:	8015B	Analysis Batch: 720-25007	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-24946	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.23 g
Date Analyzed:	08/20/2007 1843		Final Weight/Volume:	5 mL
Date Prepared:	08/17/2007 1032		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

Client Sample ID: W0N65

Lab Sample ID: 720-10342-5

Date Sampled: 08/14/2007 0845

Client Matrix: Solid

Date Received: 08/15/2007 0849

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

Method:	8015B	Analysis Batch: 720-25007	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-24946	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.34 g
Date Analyzed:	08/20/2007 1910		Final Weight/Volume:	5 mL
Date Prepared:	08/17/2007 1032		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

**Client Sample ID: W25N0**

Lab Sample ID: 720-10342-6

Date Sampled: 08/14/2007 0810

Client Matrix: Solid

Date Received: 08/15/2007 0849

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

Method:	8015B	Analysis Batch: 720-25007	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-24946	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.27 g
Date Analyzed:	08/20/2007 1938		Final Weight/Volume:	5 mL
Date Prepared:	08/17/2007 1032		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		92		46 - 105



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10342-1

**Client Sample ID: W25N25**

Lab Sample ID: 720-10342-7

Date Sampled: 08/14/2007 0830

Client Matrix: Solid

Date Received: 08/15/2007 0849

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

Method:	8015B	Analysis Batch: 720-25007	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-24946	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.31 g
Date Analyzed:	08/20/2007 2005		Final Weight/Volume:	5 mL
Date Prepared:	08/17/2007 1032		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		46 - 105

## 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: 720-10342-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-24796</b>					
LCS 720-24796/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-24796/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-24796/1-A	Method Blank	T	Solid	5030B	
720-10342-6	W25N0	T	Solid	5030B	
720-10342-7	W25N25	T	Solid	5030B	
<b>Prep Batch: 720-24797</b>					
LCS 720-24797/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-24797/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-24797/1-A	Method Blank	T	Solid	5030B	
720-10342-1	W0N0	T	Solid	5030B	
720-10342-2	W0N25	T	Solid	5030B	
720-10342-3	W0N35	T	Solid	5030B	
720-10342-4	W0N50	T	Solid	5030B	
720-10342-5	W0N65	T	Solid	5030B	
<b>Analysis Batch:720-24834</b>					
LCS 720-24796/2-A	Lab Control Spike	T	Solid	8260B	720-24796
LCSD 720-24796/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-24796
MB 720-24796/1-A	Method Blank	T	Solid	8260B	720-24796
720-10342-6	W25N0	T	Solid	8260B	720-24796
720-10342-7	W25N25	T	Solid	8260B	720-24796
<b>Analysis Batch:720-24845</b>					
LCS 720-24797/2-A	Lab Control Spike	T	Solid	8260B	720-24797
LCSD 720-24797/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-24797
MB 720-24797/1-A	Method Blank	T	Solid	8260B	720-24797
720-10342-1	W0N0	T	Solid	8260B	720-24797
720-10342-2	W0N25	T	Solid	8260B	720-24797
720-10342-3	W0N35	T	Solid	8260B	720-24797
720-10342-4	W0N50	T	Solid	8260B	720-24797
720-10342-5	W0N65	T	Solid	8260B	720-24797

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10342-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-24946</b>					
LCS 720-24946/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-24946/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-24946/1-A	Method Blank	T	Solid	3550B	
720-10342-1	W0N0	T	Solid	3550B	
720-10342-2	W0N25	T	Solid	3550B	
720-10342-3	W0N35	T	Solid	3550B	
720-10342-4	W0N50	T	Solid	3550B	
720-10342-5	W0N65	T	Solid	3550B	
720-10342-6	W25N0	T	Solid	3550B	
720-10342-7	W25N25	T	Solid	3550B	
<b>Analysis Batch:720-25007</b>					
LCS 720-24946/2-A	Lab Control Spike	T	Solid	8015B	720-24946
LCSD 720-24946/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-24946
MB 720-24946/1-A	Method Blank	T	Solid	8015B	720-24946
720-10342-1	W0N0	T	Solid	8015B	720-24946
720-10342-2	W0N25	T	Solid	8015B	720-24946
720-10342-3	W0N35	T	Solid	8015B	720-24946
720-10342-4	W0N50	T	Solid	8015B	720-24946
720-10342-5	W0N65	T	Solid	8015B	720-24946
720-10342-6	W25N0	T	Solid	8015B	720-24946
720-10342-7	W25N25	T	Solid	8015B	720-24946

**Report Basis**

T = Total

# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10342-1

## Method Blank - Batch: 720-24796

Lab Sample ID: MB 720-24796/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/15/2007 0945  
Date Prepared: 08/15/2007 0726

Analysis Batch: 720-24834  
Prep Batch: 720-24796  
Units: mg/Kg

## Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200708\08  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.0 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)	94	70 - 130	
1,2-Dichloroethane-d4 (Surr)	81	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: 720-10342-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24796**

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

LCS Lab Sample ID: LCS 720-24796/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/15/2007 0900  
Date Prepared: 08/15/2007 0726

Analysis Batch: 720-24834  
Prep Batch: 720-24796  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200708\081  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.0 mL

LCSD Lab Sample ID: LCSD 720-24796/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/15/2007 0923  
Date Prepared: 08/15/2007 0726

Analysis Batch: 720-24834  
Prep Batch: 720-24796  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200708\081  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	82	82	69 - 129	1	20		
Toluene	95	96	70 - 130	1	20		
MTBE	88	85	65 - 165	4	20		
Gasoline Range Organics (GRO)-C5-C12	67	68	60 - 130	1	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	95		96		70 - 130		
1,2-Dichloroethane-d4 (Surr)	79		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: 720-10342-1

### Method Blank - Batch: 720-24797

Lab Sample ID: MB 720-24797/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/15/2007 0945  
Date Prepared: 08/15/2007 0729

Analysis Batch: 720-24845  
Prep Batch: 720-24797  
Units: mg/Kg

### Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\08  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.0 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)	95	70 - 130	
1,2-Dichloroethane-d4 (Surr)	99	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: 720-10342-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24797**

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

LCS Lab Sample ID: LCS 720-24797/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/15/2007 0900  
Date Prepared: 08/15/2007 0729

Analysis Batch: 720-24845  
Prep Batch: 720-24797  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\081  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.0 mL

LCSD Lab Sample ID: LCSD 720-24797/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/15/2007 0923  
Date Prepared: 08/15/2007 0729

Analysis Batch: 720-24845  
Prep Batch: 720-24797  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\081  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.0 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	86	88	69 - 129	2	20		
Toluene	92	98	70 - 130	7	20		
MTBE	85	87	65 - 165	2	20		
Gasoline Range Organics (GRO)-C5-C12	64	71	60 - 130	11	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		98		70 - 130		
1,2-Dichloroethane-d4 (Surr)	84		81		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: 720-10342-1

**Method Blank - Batch: 720-24946**

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

Lab Sample ID: MB 720-24946/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/17/2007 1942  
Date Prepared: 08/17/2007 1032

Analysis Batch: 720-25007  
Prep Batch: 720-24946  
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

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Mineral Spirit Range Organics [C9-C13]	ND		1.0
<b>Surrogate</b>		<b>% Rec</b>	<b>Acceptance Limits</b>
p-Terphenyl	78		46 - 105

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24946**

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

LCS Lab Sample ID: LCS 720-24946/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/17/2007 1848  
Date Prepared: 08/17/2007 1032

Analysis Batch: 720-25007  
Prep Batch: 720-24946  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.30 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-24946/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/17/2007 1915  
Date Prepared: 08/17/2007 1032

Analysis Batch: 720-25007  
Prep Batch: 720-24946  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.10 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]	95	93	50 - 130	2	30		
<b>Surrogate</b>		<b>LCS % Rec</b>	<b>LCSD % Rec</b>		<b>Acceptance Limits</b>		
p-Terphenyl	80	77			46 - 105		

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

# THE SAN JOAQUIN COMPANY INC.

## CHAIN OF CUSTODY / 106704 REQUEST FOR ANALYSIS

Transmit results to office checked below: **720-10342**

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.

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

Project: **Bay Rock - Oak Walk Emeryville**

Project No.: **0004.085** Project Mgr.: **DJW**

Sampling Team: **DJW/ASO**

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.
W0N0	Soil	EX1	n/a	n/a	08/14/07	0800	Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits	
W0N25						0922		
W0N35						0840		
W0N50						0835		
W0N65						0845		
W25N0						0810		
W25N15						0830		

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:	Dai Watkins	San Joaquin Co	—	—	08/15/07	08:49	[Signature]
Received/ Relinquished by:	<del>_____</del>						
Received/ Relinquished by:	<del>_____</del>						
Received/ Relinquished by:	<del>_____</del>						
Received at Laboratory by:	Joan Mullen TASF		8-15-07	849	8-15-07	849	Joan Mullen

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10302-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24928**

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

LCS Lab Sample ID: LCS 720-24928/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/17/2007 0947  
Date Prepared: 08/17/2007 0451

Analysis Batch: 720-24974  
Prep Batch: 720-24928  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\081  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-24928/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/17/2007 0837  
Date Prepared: 08/17/2007 0451

Analysis Batch: 720-24974  
Prep Batch: 720-24928  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\081  
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	86	85	69 - 129	1	20		
Toluene	93	90	70 - 130	4	20		
MTBE	87	87	65 - 165	0	20		
Gasoline Range Organics (GRO)-C5-C12	65	62	60 - 130	6	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	96		95		70 - 130		
1,2-Dichloroethane-d4 (Surr)	83		86		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: 720-10302-1

**Method Blank - Batch: 720-24737**

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

Lab Sample ID: MB 720-24737/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/14/2007 2306  
Date Prepared: 08/14/2007 0730

Analysis Batch: 720-24836  
Prep Batch: 720-24737  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.25 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	80	46 - 105	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-24737**

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

LCS Lab Sample ID: LCS 720-24737/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/14/2007 2213  
Date Prepared: 08/14/2007 0730

Analysis Batch: 720-24836  
Prep Batch: 720-24737  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.20 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-24737/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/14/2007 2240  
Date Prepared: 08/14/2007 0730

Analysis Batch: 720-24836  
Prep Batch: 720-24737  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.35 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]	75	74	50 - 130	2	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	84		86		46 - 105		

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



## ANALYTICAL REPORT

Job Number: 720-10400-1

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  
Project Manager I  
surinder.sidhu@testamericainc.com  
08/27/2007

**Job Narrative**  
**720-J10400-1**

**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 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: 720-10400-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10400-5</b>	<b>W75N50</b>				
Benzene		0.0077	0.0049	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		0.90	0.25	mg/Kg	8260B
<b>720-10400-7</b>	<b>W100N50</b>				
Benzene		0.0094	0.0045	mg/Kg	8260B
Ethylbenzene		0.0051	0.0045	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		0.70	0.22	mg/Kg	8260B



## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10400-1

<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 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: 720-10400-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10400-1	W25N75	Solid	08/17/2007 1116	08/17/2007 1719
720-10400-2	W25N50	Solid	08/17/2007 1120	08/17/2007 1719
720-10400-3	W50N50	Solid	08/17/2007 1157	08/17/2007 1719
720-10400-4	W50N75	Solid	08/17/2007 1136	08/17/2007 1719
720-10400-5	W75N50	Solid	08/17/2007 1210	08/17/2007 1719
720-10400-6	W75N75	Solid	08/17/2007 1223	08/17/2007 1719
720-10400-7	W100N50	Solid	08/17/2007 1248	08/17/2007 1719
720-10400-8	W100N75	Solid	08/17/2007 1236	08/17/2007 1719
720-10400-9	W125N75	Solid	08/17/2007 1316	08/17/2007 1719
720-10400-10	W150N50	Solid	08/17/2007 1335	08/17/2007 1719



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W25N50

Lab Sample ID: 720-10400-2

Client Matrix: Solid

Date Sampled: 08/17/2007 1120

Date Received: 08/17/2007 1719

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25093	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-25048	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.09 g
Date Analyzed:	08/21/2007 1438		Final Weight/Volume: 10.00 mL
Date Prepared:	08/21/2007 0634		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0049
Ethylbenzene		ND		0.0049
Toluene		ND		0.0049
Xylenes, Total		ND		0.0098
Gasoline Range Organics (GRO)-C5-C12		ND		0.25
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		95		70 - 130
1,2-Dichloroethane-d4 (Surr)		92		60 - 140



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W50N75

Lab Sample ID: 720-10400-4

Client Matrix: Solid

Date Sampled: 08/17/2007 1136

Date Received: 08/17/2007 1719

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25093	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-25048	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.17 g
Date Analyzed:	08/21/2007 1608		Final Weight/Volume: 10.00 mL
Date Prepared:	08/21/2007 0634		

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		ND		0.24
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		97		70 - 130
1,2-Dichloroethane-d4 (Surr)		97		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W75N50

Lab Sample ID: 720-10400-5

Client Matrix: Solid

Date Sampled: 08/17/2007 1210

Date Received: 08/17/2007 1719

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25146	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-25103	Lab File ID: c:\saturnws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.06 g
Date Analyzed:	08/22/2007 1304		Final Weight/Volume: 10.00 mL
Date Prepared:	08/22/2007 0520		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		0.0077		0.0049
Ethylbenzene		ND		0.0049
Toluene		ND		0.0049
Xylenes, Total		ND		0.0099
Gasoline Range Organics (GRO)-C5-C12		0.90		0.25
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		93		70 - 130
1,2-Dichloroethane-d4 (Surr)		83		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W75N75

Lab Sample ID: 720-10400-6

Client Matrix: Solid

Date Sampled: 08/17/2007 1223

Date Received: 08/17/2007 1719

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

Method:	8260B	Analysis Batch: 720-25093	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-25048	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.32 g
Date Analyzed:	08/21/2007 1736		Final Weight/Volume: 10.00 mL
Date Prepared:	08/21/2007 0634		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Ethylbenzene		ND		0.0047
Toluene		ND		0.0047
Xylenes, Total		ND		0.0094
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		96		70 - 130
1,2-Dichloroethane-d4 (Surr)		97		60 - 140



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W100N50

Lab Sample ID: 720-10400-7

Client Matrix: Solid

Date Sampled: 08/17/2007 1248

Date Received: 08/17/2007 1719

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-25093 Instrument ID: Varian 3900E  
Preparation: 5030B Prep Batch: 720-25048 Lab File ID: c:\varianws\data\200708\08  
Dilution: 1.0 Initial Weight/Volume: 5.56 g  
Date Analyzed: 08/21/2007 1758 Final Weight/Volume: 10.00 mL  
Date Prepared: 08/21/2007 0634

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		0.0094		0.0045
Ethylbenzene		0.0051		0.0045
Toluene		ND		0.0045
Xylenes, Total		ND		0.0090
Gasoline Range Organics (GRO)-C5-C12		0.70		0.22
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		96		70 - 130
1,2-Dichloroethane-d4 (Surr)		98		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W100N75

Lab Sample ID: 720-10400-8

Client Matrix: Solid

Date Sampled: 08/17/2007 1236

Date Received: 08/17/2007 1719

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25093	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-25048	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.15 g
Date Analyzed:	08/21/2007 1820		Final Weight/Volume: 10.00 mL
Date Prepared:	08/21/2007 0634		

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)		100		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W125N75

Lab Sample ID: 720-10400-9

Client Matrix: Solid

Date Sampled: 08/17/2007 1316

Date Received: 08/17/2007 1719

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25093	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-25048	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.25 g
Date Analyzed:	08/21/2007 1842		Final Weight/Volume: 10.00 mL
Date Prepared:	08/21/2007 0634		

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)	96	70 - 130
1,2-Dichloroethane-d4 (Surr)	103	60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W150N50

Lab Sample ID: 720-10400-10

Client Matrix: Solid

Date Sampled: 08/17/2007 1335

Date Received: 08/17/2007 1719

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25186	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-25104	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.16 g
Date Analyzed:	08/22/2007 1241		Final Weight/Volume: 10.00 mL
Date Prepared:	08/22/2007 0622		

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		ND		0.24
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		95		70 - 130
1,2-Dichloroethane-d4 (Surr)		93		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

**Client Sample ID: W25N75**

Lab Sample ID: 720-10400-1  
Client Matrix: Solid

Date Sampled: 08/17/2007 1116  
Date Received: 08/17/2007 1719

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

Method:	8015B	Analysis Batch: 720-25267	Instrument ID: HP DRO5
Preparation:	3550B	Prep Batch: 720-25085	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.38 g
Date Analyzed:	08/24/2007 0142		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2007 1423		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

**Client Sample ID: W25N50**

Lab Sample ID: 720-10400-2

Date Sampled: 08/17/2007 1120

Client Matrix: Solid

Date Received: 08/17/2007 1719

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

Method:	8015B	Analysis Batch: 720-25267	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25085	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.45 g
Date Analyzed:	08/24/2007 0210		Final Weight/Volume:	5 mL
Date Prepared:	08/21/2007 1423		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W50N50

Lab Sample ID: 720-10400-3

Date Sampled: 08/17/2007 1157

Client Matrix: Solid

Date Received: 08/17/2007 1719

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

Method:	8015B	Analysis Batch: 720-25267	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25085	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.13 g
Date Analyzed:	08/24/2007 0237		Final Weight/Volume:	5 mL
Date Prepared:	08/21/2007 1423		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	90	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

**Client Sample ID: W50N75**

Lab Sample ID: 720-10400-4

Date Sampled: 08/17/2007 1136

Client Matrix: Solid

Date Received: 08/17/2007 1719

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

Method:	8015B	Analysis Batch: 720-25267	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25085	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.36 g
Date Analyzed:	08/24/2007 0358		Final Weight/Volume:	5 mL
Date Prepared:	08/21/2007 1423		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		46 - 105



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W75N50

Lab Sample ID: 720-10400-5

Date Sampled: 08/17/2007 1210

Client Matrix: Solid

Date Received: 08/17/2007 1719

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

Method:	8015B	Analysis Batch: 720-25267	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25085	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.27 g
Date Analyzed:	08/24/2007 0426		Final Weight/Volume:	5 mL
Date Prepared:	08/21/2007 1423		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W75N75

Lab Sample ID: 720-10400-6

Date Sampled: 08/17/2007 1223

Client Matrix: Solid

Date Received: 08/17/2007 1719

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

Method:	8015B	Analysis Batch: 720-25267	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25085	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.23 g
Date Analyzed:	08/24/2007 0453		Final Weight/Volume:	5 mL
Date Prepared:	08/21/2007 1423		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

**Client Sample ID: W100N50**

Lab Sample ID: 720-10400-7

Date Sampled: 08/17/2007 1248

Client Matrix: Solid

Date Received: 08/17/2007 1719

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

Method:	8015B	Analysis Batch: 720-25267	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25085	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.16 g
Date Analyzed:	08/24/2007 0520		Final Weight/Volume:	5 mL
Date Prepared:	08/21/2007 1423		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W100N75

Lab Sample ID: 720-10400-8

Date Sampled: 08/17/2007 1236

Client Matrix: Solid

Date Received: 08/17/2007 1719

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

Method:	8015B	Analysis Batch: 720-25267	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25085	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.23 g
Date Analyzed:	08/24/2007 0547		Final Weight/Volume:	5 mL
Date Prepared:	08/21/2007 1423		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		89		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

**Client Sample ID: W125N75**

Lab Sample ID: 720-10400-9  
Client Matrix: Solid

Date Sampled: 08/17/2007 1316  
Date Received: 08/17/2007 1719

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

Method:	8015B	Analysis Batch: 720-25267	Instrument ID: HP DRO5
Preparation:	3550B	Prep Batch: 720-25085	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.19 g
Date Analyzed:	08/24/2007 0614		Final Weight/Volume: 5 mL
Date Prepared:	08/21/2007 1423		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		93		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10400-1

Client Sample ID: W150N50

Lab Sample ID: 720-10400-10

Date Sampled: 08/17/2007 1335

Client Matrix: Solid

Date Received: 08/17/2007 1719

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

Method:	8015B	Analysis Batch: 720-25267	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25085	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.05 g
Date Analyzed:	08/24/2007 0641		Final Weight/Volume:	5 mL
Date Prepared:	08/21/2007 1423		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	90	46 - 105

## 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: 720-10400-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-25047</b>					
LCS 720-25047/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25047/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25047/1-A	Method Blank	T	Solid	5030B	
720-10400-1	W25N75	T	Solid	5030B	
<b>Prep Batch: 720-25048</b>					
LCS 720-25048/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25048/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25048/1-A	Method Blank	T	Solid	5030B	
720-10400-2	W25N50	T	Solid	5030B	
720-10400-3	W50N50	T	Solid	5030B	
720-10400-4	W50N75	T	Solid	5030B	
720-10400-6	W75N75	T	Solid	5030B	
720-10400-7	W100N50	T	Solid	5030B	
720-10400-8	W100N75	T	Solid	5030B	
720-10400-9	W125N75	T	Solid	5030B	
720-10400-9MS	Matrix Spike	T	Solid	5030B	
720-10400-9MSD	Matrix Spike Duplicate	T	Solid	5030B	
<b>Analysis Batch:720-25093</b>					
LCS 720-25048/2-A	Lab Control Spike	T	Solid	8260B	720-25048
LCSD 720-25048/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25048
MB 720-25048/1-A	Method Blank	T	Solid	8260B	720-25048
720-10400-2	W25N50	T	Solid	8260B	720-25048
720-10400-3	W50N50	T	Solid	8260B	720-25048
720-10400-4	W50N75	T	Solid	8260B	720-25048
720-10400-6	W75N75	T	Solid	8260B	720-25048
720-10400-7	W100N50	T	Solid	8260B	720-25048
720-10400-8	W100N75	T	Solid	8260B	720-25048
720-10400-9	W125N75	T	Solid	8260B	720-25048
720-10400-9MS	Matrix Spike	T	Solid	8260B	720-25048
720-10400-9MSD	Matrix Spike Duplicate	T	Solid	8260B	720-25048
<b>Prep Batch: 720-25103</b>					
LCS 720-25103/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25103/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25103/1-A	Method Blank	T	Solid	5030B	
720-10400-5	W75N50	T	Solid	5030B	
<b>Prep Batch: 720-25104</b>					
LCS 720-25104/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25104/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25104/1-A	Method Blank	T	Solid	5030B	
720-10400-10	W150N50	T	Solid	5030B	

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## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10400-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-25132</b>					
LCS 720-25047/2-A	Lab Control Spike	T	Solid	8260B	720-25047
LCSD 720-25047/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25047
MB 720-25047/1-A	Method Blank	T	Solid	8260B	720-25047
720-10400-1	W25N75	T	Solid	8260B	720-25047
<b>Analysis Batch:720-25146</b>					
LCS 720-25103/2-A	Lab Control Spike	T	Solid	8260B	720-25103
LCSD 720-25103/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25103
MB 720-25103/1-A	Method Blank	T	Solid	8260B	720-25103
720-10400-5	W75N50	T	Solid	8260B	720-25103
<b>Analysis Batch:720-25186</b>					
LCS 720-25104/2-A	Lab Control Spike	T	Solid	8260B	720-25104
LCSD 720-25104/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25104
MB 720-25104/1-A	Method Blank	T	Solid	8260B	720-25104
720-10400-10	W150N50	T	Solid	8260B	720-25104

#### Report Basis

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10400-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-25085</b>					
LCS 720-25085/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-25085/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-25085/1-A	Method Blank	T	Solid	3550B	
720-10400-1	W25N75	T	Solid	3550B	
720-10400-2	W25N50	T	Solid	3550B	
720-10400-3	W50N50	T	Solid	3550B	
720-10400-3MS	Matrix Spike	T	Solid	3550B	
720-10400-3MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-10400-4	W50N75	T	Solid	3550B	
720-10400-5	W75N50	T	Solid	3550B	
720-10400-6	W75N75	T	Solid	3550B	
720-10400-7	W100N50	T	Solid	3550B	
720-10400-8	W100N75	T	Solid	3550B	
720-10400-9	W125N75	T	Solid	3550B	
720-10400-10	W150N50	T	Solid	3550B	
<b>Analysis Batch:720-25267</b>					
LCS 720-25085/2-A	Lab Control Spike	T	Solid	8015B	720-25085
LCSD 720-25085/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-25085
MB 720-25085/1-A	Method Blank	T	Solid	8015B	720-25085
720-10400-1	W25N75	T	Solid	8015B	720-25085
720-10400-2	W25N50	T	Solid	8015B	720-25085
720-10400-3	W50N50	T	Solid	8015B	720-25085
720-10400-3MS	Matrix Spike	T	Solid	8015B	720-25085
720-10400-3MSD	Matrix Spike Duplicate	T	Solid	8015B	720-25085
720-10400-4	W50N75	T	Solid	8015B	720-25085
720-10400-5	W75N50	T	Solid	8015B	720-25085
720-10400-6	W75N75	T	Solid	8015B	720-25085
720-10400-7	W100N50	T	Solid	8015B	720-25085
720-10400-8	W100N75	T	Solid	8015B	720-25085
720-10400-9	W125N75	T	Solid	8015B	720-25085
720-10400-10	W150N50	T	Solid	8015B	720-25085

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10400-1

**Method Blank - Batch: 720-25047**

Lab Sample ID: MB 720-25047/1-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 08/21/2007 1005  
 Date Prepared: 08/21/2007 0631

Analysis Batch: 720-25132  
 Prep Batch: 720-25047  
 Units: mg/Kg

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

Instrument ID: Varian 3900A  
 Lab File ID: c:\saturnws\data\200708\082  
 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)	93	70 - 130
1,2-Dichloroethane-d4 (Surr)	80	60 - 140

**Lab Control Spike/  
 Lab Control Spike Duplicate Recovery Report - Batch: 720-25047**

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

LCS Lab Sample ID: LCS 720-25047/2-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 08/21/2007 0920  
 Date Prepared: 08/21/2007 0631

Analysis Batch: 720-25132  
 Prep Batch: 720-25047  
 Units: mg/Kg

Instrument ID: Varian 3900A  
 Lab File ID: c:\saturnws\data\200708\082  
 Initial Weight/Volume: 5.00 g  
 Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-25047/3-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 08/21/2007 0943  
 Date Prepared: 08/21/2007 0631

Analysis Batch: 720-25132  
 Prep Batch: 720-25047  
 Units: mg/Kg

Instrument ID: Varian 3900A  
 Lab File ID: c:\saturnws\data\200708\082  
 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	85	81	69 - 129	4	20		
Toluene	98	96	70 - 130	2	20		
Gasoline Range Organics (GRO)-C5-C12	71	69	60 - 130	4	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	95		96		70 - 130		
1,2-Dichloroethane-d4 (Surr)	79		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: 720-10400-1

**Method Blank - Batch: 720-25048**

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

Lab Sample ID: MB 720-25048/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/21/2007 1218  
Date Prepared: 08/21/2007 0634

Analysis Batch: 720-25093  
Prep Batch: 720-25048  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\082  
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
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Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	97	70 - 130	
1,2-Dichloroethane-d4 (Surr)	100	60 - 140	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25048**

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

LCS Lab Sample ID: LCS 720-25048/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/21/2007 1134  
Date Prepared: 08/21/2007 0634

Analysis Batch: 720-25093  
Prep Batch: 720-25048  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\082  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-25048/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/21/2007 1156  
Date Prepared: 08/21/2007 0634

Analysis Batch: 720-25093  
Prep Batch: 720-25048  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\082  
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	90	69 - 129	4	20		
Toluene	101	97	70 - 130	4	20		
Gasoline Range Organics (GRO)-C5-C12	68	66	60 - 130	3	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		96		70 - 130		
1,2-Dichloroethane-d4 (Surr)	88		85		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: 720-10400-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-25048**

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

MS Lab Sample ID: 720-10400-9  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/21/2007 1904  
Date Prepared: 08/21/2007 0634

Analysis Batch: 720-25093  
Prep Batch: 720-25048

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\08  
Initial Weight/Volume: 5.37 g  
Final Weight/Volume: 10.00 mL

MSD Lab Sample ID: 720-10400-9  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/21/2007 1927  
Date Prepared: 08/21/2007 0634

Analysis Batch: 720-25093  
Prep Batch: 720-25048

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\08  
Initial Weight/Volume: 5.19 g  
Final Weight/Volume: 10.00 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	83	85	69 - 129	NC	20		
Toluene	92	97	70 - 130	NC	20		
Gasoline Range Organics (GRO)-C5-C12	62	61	60 - 130	1	20		
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		100		70 - 130		
1,2-Dichloroethane-d4 (Surr)	89		88		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: 720-10400-1

**Method Blank - Batch: 720-25103**

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

Lab Sample ID: MB 720-25103/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/22/2007 0938  
Date Prepared: 08/22/2007 0520

Analysis Batch: 720-25146  
Prep Batch: 720-25103  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200708\082  
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)	93	70 - 130
1,2-Dichloroethane-d4 (Surr)	80	60 - 140

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25103**

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

LCS Lab Sample ID: LCS 720-25103/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/22/2007 0854  
Date Prepared: 08/22/2007 0520

Analysis Batch: 720-25146  
Prep Batch: 720-25103  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200708\082  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-25103/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/22/2007 0916  
Date Prepared: 08/22/2007 0520

Analysis Batch: 720-25146  
Prep Batch: 720-25103  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200708\082  
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	83	84	69 - 129	1	20		
Toluene	96	100	70 - 130	3	20		
Gasoline Range Organics (GRO)-C5-C12	69	70	60 - 130	1	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		97		70 - 130		
1,2-Dichloroethane-d4 (Surr)	82		80		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: 720-10400-1

**Method Blank - Batch: 720-25104**

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

Lab Sample ID: MB 720-25104/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/22/2007 0955  
Date Prepared: 08/22/2007 0622

Analysis Batch: 720-25186  
Prep Batch: 720-25104  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\082  
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
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Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	97	70 - 130	
1,2-Dichloroethane-d4 (Surr)	92	60 - 140	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25104**

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

LCS Lab Sample ID: LCS 720-25104/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/22/2007 0911  
Date Prepared: 08/22/2007 0622

Analysis Batch: 720-25186  
Prep Batch: 720-25104  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\082  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-25104/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/22/2007 0933  
Date Prepared: 08/22/2007 0622

Analysis Batch: 720-25186  
Prep Batch: 720-25104  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\082  
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	90	99	69 - 129	10	20		
Toluene	101	107	70 - 130	6	20		
Gasoline Range Organics (GRO)-C5-C12	65	70	60 - 130	8	20		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	103		100		70 - 130		
1,2-Dichloroethane-d4 (Surr)	82		82		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: 720-10400-1

**Method Blank - Batch: 720-25085**

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

Lab Sample ID: MB 720-25085/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/24/2007 0115  
Date Prepared: 08/21/2007 1423

Analysis Batch: 720-25267  
Prep Batch: 720-25085  
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
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Surrogate	% Rec	Acceptance Limits	
p-Terphenyl	92	46 - 105	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25085**

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

LCS Lab Sample ID: LCS 720-25085/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/24/2007 0021  
Date Prepared: 08/21/2007 1423

Analysis Batch: 720-25267  
Prep Batch: 720-25085  
Units: mg/Kg

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

LCSD Lab Sample ID: LCSD 720-25085/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/24/2007 0048  
Date Prepared: 08/21/2007 1423

Analysis Batch: 720-25267  
Prep Batch: 720-25085  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.20 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]	95		50 - 130				
<hr/>							
Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits				
p-Terphenyl	91	93	46 - 105				

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



## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10400-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-25085**

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

MS Lab Sample ID: 720-10400-3  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/24/2007 0305  
Date Prepared: 08/21/2007 1423

Analysis Batch: 720-25267  
Prep Batch: 720-25085

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: 720-10400-3  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/24/2007 0331  
Date Prepared: 08/21/2007 1423

Analysis Batch: 720-25267  
Prep Batch: 720-25085

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.20 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]	86	84	50 - 130	3	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
p-Terphenyl		83	86			46 - 105	

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



## ANALYTICAL REPORT

Job Number: 720-10436-2

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  
Project Manager I  
surinder.sidhu@testamericainc.com  
08/24/2007

**Job Narrative**  
**720-J10436-2**

**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 VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 25253 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: 720-10436-2

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10436-1</b>	<b>EX2MSC</b>				
Benzene		0.041	0.022	mg/Kg	8260B
Ethylbenzene		0.22	0.022	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		11	1.1	mg/Kg	8260B
Diesel Range Organics [C10-C28]		5.7	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		3.7	0.99	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10436-2

<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 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: 720-10436-2

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10436-1	EX2MSC	Solid	08/22/2007 1045	08/22/2007 1210

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10436-2

Client Sample ID: EX2MSC

Lab Sample ID: 720-10436-1

Client Matrix: Solid

Date Sampled: 08/22/2007 1045

Date Received: 08/22/2007 1210

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

Method: 8260B Analysis Batch: 720-25177 Instrument ID: Varian 3900A  
Preparation: 5030B Prep Batch: 720-25154 Lab File ID: c:\saturnws\data\200708\08  
Dilution: 1.0 Initial Weight/Volume: 1.13 g  
Date Analyzed: 08/23/2007 1153 Final Weight/Volume: 10.00 mL  
Date Prepared: 08/23/2007 0716

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		0.041		0.022
Ethylbenzene		0.22		0.022
Toluene		ND		0.022
MTBE		ND		0.022
Xylenes, Total		ND		0.044
Gasoline Range Organics (GRO)-C5-C12		11		1.1
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		94		70 - 130
1,2-Dichloroethane-d4 (Surr)		79		60 - 140



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10436-2

**Client Sample ID: EX2MSC**

Lab Sample ID: 720-10436-1

Date Sampled: 08/22/2007 1045

Client Matrix: Solid

Date Received: 08/22/2007 1210

---

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

Method:	8015B	Analysis Batch: 720-25253	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25131	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.34 g
Date Analyzed:	08/24/2007 1057		Final Weight/Volume:	5 mL
Date Prepared:	08/22/2007 1243		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		5.7		0.99
Mineral Spirit Range Organics [C9-C13]		3.7		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		83		46 - 105

## 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: 720-10436-2

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-25154</b>					
LCS 720-25154/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25154/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25154/1-A	Method Blank	T	Solid	5030B	
720-10436-1	EX2MSC	T	Solid	5030B	
<b>Analysis Batch:720-25177</b>					
LCS 720-25154/2-A	Lab Control Spike	T	Solid	8260B	720-25154
LCSD 720-25154/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25154
MB 720-25154/1-A	Method Blank	T	Solid	8260B	720-25154
720-10436-1	EX2MSC	T	Solid	8260B	720-25154

**Report Basis**

T = Total

**GC Semi VOA**

<b>Prep Batch: 720-25131</b>					
LCS 720-25131/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-25131/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-25131/1-A	Method Blank	T	Solid	3550B	
720-10436-1	EX2MSC	T	Solid	3550B	
<b>Analysis Batch:720-25253</b>					
LCS 720-25131/2-A	Lab Control Spike	T	Solid	8015B	720-25131
LCSD 720-25131/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-25131
MB 720-25131/1-A	Method Blank	T	Solid	8015B	720-25131
720-10436-1	EX2MSC	T	Solid	8015B	720-25131

**Report Basis**

T = Total

# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10436-2

## Method Blank - Batch: 720-25154

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

Lab Sample ID: MB 720-25154/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/23/2007 0929  
Date Prepared: 08/23/2007 0716

Analysis Batch: 720-25177  
Prep Batch: 720-25154  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200708\08  
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
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)	92	70 - 130	
1,2-Dichloroethane-d4 (Surr)	80	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: 720-10436-2

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25154**

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

LCS Lab Sample ID: LCS 720-25154/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/23/2007 1001  
Date Prepared: 08/23/2007 0716

Analysis Batch: 720-25177  
Prep Batch: 720-25154  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200708\082  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-25154/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/23/2007 0907  
Date Prepared: 08/23/2007 0716

Analysis Batch: 720-25177  
Prep Batch: 720-25154  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200708\082  
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	97	89	69 - 129	8	20		
Toluene	113	104	70 - 130	8	20		
MTBE	103	95	65 - 165	7	20		
Gasoline Range Organics (GRO)-C5-C12	82	78	60 - 130	5	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	96		97		70 - 130		
1,2-Dichloroethane-d4 (Surr)	81		79		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: 720-10436-2

**Method Blank - Batch: 720-25131**

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

Lab Sample ID: MB 720-25131/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/24/2007 1124  
Date Prepared: 08/22/2007 1243

Analysis Batch: 720-25253  
Prep Batch: 720-25131  
Units: mg/Kg

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

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	87	46 - 105	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25131**

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

LCS Lab Sample ID: LCS 720-25131/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/23/2007 1329  
Date Prepared: 08/22/2007 1243

Analysis Batch: 720-25253  
Prep Batch: 720-25131  
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 720-25131/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/23/2007 1357  
Date Prepared: 08/22/2007 1243

Analysis Batch: 720-25253  
Prep Batch: 720-25131  
Units: mg/Kg

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	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	83	77	50 - 130	8	30		
<hr/>							
Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits				
p-Terphenyl	95	87	46 - 105				

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

# THE SAN JOAQUIN COMPANY INC.

106802

## CHAIN OF CUSTODY / REQUEST FOR ANALYSIS

Transmit results to office checked below:

**720-10436**

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**

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.
EX2MSC	Soil	EX 2	n/a	n/a	08/22/07	10:45	<p><b>RUSH</b></p> <p>Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits Please provide chromatograms for this sample PLEASE EXTRACT THE SUB-SAMPLE FROM DEEP IN THE TUBE (Please use the sample from middle of tube)</p>	<p>PLEASE ANALYZE THIS SAMPLE WITH Z4+R TAT.</p>
IMP02EM		IMP02		08/21/07	14:45	TPH(g) + BTEX		
IMP02LA		IMP02		08/21/07	15:00	TPH(g) 5 CAM METALS	<p>PLEASE ANALYZE THIS SAMPLE WITH Z4+R TAT.</p>	
								NOTE: NO USE OF RECOVERED FOR THIS SPECIFIC COMMISSION

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:	DAL WATKINS	San Joaquin Co	—	—	08/22/07	1210	[Signature]
Received/ Relinquished by:	<hr/>						
Received/ Relinquished by:	<hr/>						
Received/ Relinquished by:	<hr/>						
Received at Laboratory by:	Joan Muller	TALSF	8-22-07	1210	—	—	[Signature]

## ANALYTICAL REPORT

Job Number: 720-10475-1

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  
Project Manager II  
surinder.sidhu@testamericainc.com  
08/31/2007



**Job Narrative**  
**720-J10475-1**

**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 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: 720-10475-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10475-1</b>	<b>W50N0</b>				
Diesel Range Organics [C10-C28]		3.0	1.0	mg/Kg	8015B
<b>720-10475-2</b>	<b>W75N0</b>				
Ethylbenzene		3.9	0.96	mg/Kg	8260B
Toluene		8.1	0.96	mg/Kg	8260B
Xylenes, Total		21	1.9	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		350	48	mg/Kg	8260B
Diesel Range Organics [C10-C28]		19	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		24	0.99	mg/Kg	8015B
<b>720-10475-3</b>	<b>W75N25</b>				
Ethylbenzene		2.9	0.95	mg/Kg	8260B
Xylenes, Total		9.2	1.9	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		280	48	mg/Kg	8260B
Diesel Range Organics [C10-C28]		26	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		29	1.0	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10475-1

<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: 720-10475-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10475-1	W50N0	Solid	08/22/2007 1500	08/23/2007 1006
720-10475-2	W75N0	Solid	08/22/2007 1510	08/23/2007 1006
720-10475-3	W75N25	Solid	08/22/2007 1520	08/23/2007 1006

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10475-1

Client Sample ID: W50N0

Lab Sample ID: 720-10475-1

Date Sampled: 08/22/2007 1500

Client Matrix: Solid

Date Received: 08/23/2007 1006

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25315	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-25280	Lab File ID: c:\varianws\data\200708\08
Dilution:	1.0		Initial Weight/Volume: 5.36 g
Date Analyzed:	08/27/2007 1341		Final Weight/Volume: 10.00 mL
Date Prepared:	08/27/2007 0621		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.0047
Ethylbenzene		ND		0.0047
Toluene		ND		0.0047
Xylenes, Total		ND		0.0093
Gasoline Range Organics (GRO)-C5-C12		ND		0.23
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		93		70 - 130
1,2-Dichloroethane-d4 (Surr)		89		60 - 140



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10475-1

Client Sample ID: W75N25

Lab Sample ID: 720-10475-3

Client Matrix: Solid

Date Sampled: 08/22/2007 1520

Date Received: 08/23/2007 1006

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25421	Instrument ID: Varian 3900A
Preparation:	5030B-Medium	Prep Batch: 720-25432	Lab File ID: c:\saturday\data\200708\08
Dilution:	200		Initial Weight/Volume: 5.25 g
Date Analyzed:	08/28/2007 2246		Final Weight/Volume: 10 mL
Date Prepared:	08/28/2007 1151		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.95
Ethylbenzene		2.9		0.95
Toluene		ND		0.95
Xylenes, Total		9.2		1.9
Gasoline Range Organics (GRO)-C5-C12		280		48

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	108	50 - 130
1,2-Dichloroethane-d4 (Surr)	94	60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10475-1

**Client Sample ID: W50N0**

Lab Sample ID: 720-10475-1  
Client Matrix: Solid

Date Sampled: 08/22/2007 1500  
Date Received: 08/23/2007 1006

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

Method:	8015B	Analysis Batch: 720-25352	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25289	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.14 g
Date Analyzed:	08/27/2007 1956		Final Weight/Volume:	5 mL
Date Prepared:	08/27/2007 0905		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		3.0		1.0
Mineral Spirit Range Organics [C9-C13]		ND		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	93	46 - 105



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10475-1

Client Sample ID: W75N0

Lab Sample ID: 720-10475-2

Date Sampled: 08/22/2007 1510

Client Matrix: Solid

Date Received: 08/23/2007 1006

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

Method:	8015B	Analysis Batch: 720-25352	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25289	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.31 g
Date Analyzed:	08/27/2007 2023		Final Weight/Volume:	5 mL
Date Prepared:	08/27/2007 0905		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		19		0.99
Mineral Spirit Range Organics [C9-C13]		24		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		85		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10475-1

Client Sample ID: W75N25

Lab Sample ID: 720-10475-3

Date Sampled: 08/22/2007 1520

Client Matrix: Solid

Date Received: 08/23/2007 1006

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

Method:	8015B	Analysis Batch: 720-25352	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25289	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.09 g
Date Analyzed:	08/27/2007 2051		Final Weight/Volume:	5 mL
Date Prepared:	08/27/2007 0905		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		26		1.0
Mineral Spirit Range Organics [C9-C13]		29		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	90	46 - 105

## 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: 720-10475-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-25280</b>					
LCS 720-25280/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25280/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25280/1-A	Method Blank	T	Solid	5030B	
720-10475-1	W50N0	T	Solid	5030B	
<b>Analysis Batch:720-25315</b>					
LCS 720-25280/2-A	Lab Control Spike	T	Solid	8260B	720-25280
LCSD 720-25280/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25280
MB 720-25280/1-A	Method Blank	T	Solid	8260B	720-25280
720-10475-1	W50N0	T	Solid	8260B	720-25280
<b>Analysis Batch:720-25421</b>					
LCS 720-25432/1-A	Lab Control Spike	T	Solid	8260B	720-25432
LCSD 720-25432/2-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25432
MB 720-25432/3-A	Method Blank	T	Solid	8260B	720-25432
720-10475-2	W75N0	T	Solid	8260B	720-25432
720-10475-3	W75N25	T	Solid	8260B	720-25432
<b>Prep Batch: 720-25432</b>					
LCS 720-25432/1-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25432/2-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25432/3-A	Method Blank	T	Solid	5030B	
720-10475-2	W75N0	T	Solid	5030B	
720-10475-3	W75N25	T	Solid	5030B	

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10475-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-25289</b>					
LCS 720-25289/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-25289/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-25289/1-A	Method Blank	T	Solid	3550B	
720-10475-1	W50N0	T	Solid	3550B	
720-10475-2	W75N0	T	Solid	3550B	
720-10475-3	W75N25	T	Solid	3550B	
<b>Analysis Batch:720-25352</b>					
LCS 720-25289/2-A	Lab Control Spike	T	Solid	8015B	720-25289
LCSD 720-25289/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-25289
MB 720-25289/1-A	Method Blank	T	Solid	8015B	720-25289
720-10475-1	W50N0	T	Solid	8015B	720-25289
720-10475-2	W75N0	T	Solid	8015B	720-25289
720-10475-3	W75N25	T	Solid	8015B	720-25289

#### Report Basis

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10475-1

**Method Blank - Batch: 720-25280**

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

Lab Sample ID: MB 720-25280/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/27/2007 0948  
Date Prepared: 08/27/2007 0621

Analysis Batch: 720-25315  
Prep Batch: 720-25280  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\082  
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)	104	70 - 130
1,2-Dichloroethane-d4 (Surr)	92	60 - 140

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25280**

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

LCS Lab Sample ID: LCS 720-25280/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/27/2007 0902  
Date Prepared: 08/27/2007 0621

Analysis Batch: 720-25315  
Prep Batch: 720-25280  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\082  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-25280/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/27/2007 0925  
Date Prepared: 08/27/2007 0621

Analysis Batch: 720-25315  
Prep Batch: 720-25280  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200708\082  
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	82	83	69 - 129	1	20		
Toluene	91	90	70 - 130	0	20		
Gasoline Range Organics (GRO)-C5-C12	65	66	60 - 130	0	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	100		97		70 - 130		
1,2-Dichloroethane-d4 (Surr)	77		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: 720-10475-1

**Method Blank - Batch: 720-25432**

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

Lab Sample ID: MB 720-25432/3-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 08/28/2007 1625  
Date Prepared: 08/28/2007 1151

Analysis Batch: 720-25421  
Prep Batch: 720-25432  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200708\082  
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	50 - 130
1,2-Dichloroethane-d4 (Surr)	79	60 - 140

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25432**

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

LCS Lab Sample ID: LCS 720-25432/1-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 08/28/2007 1540  
Date Prepared: 08/28/2007 1151

Analysis Batch: 720-25421  
Prep Batch: 720-25432  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200708\082  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-25432/2-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 08/28/2007 1603  
Date Prepared: 08/28/2007 1151

Analysis Batch: 720-25421  
Prep Batch: 720-25432  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200708\082  
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	80	78	69 - 129	3	20		
Toluene	92	91	70 - 130	1	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	98		96		50 - 130		
1,2-Dichloroethane-d4 (Surr)	79		80		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: 720-10475-1

**Method Blank - Batch: 720-25289**

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

Lab Sample ID: MB 720-25289/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/27/2007 1835  
Date Prepared: 08/27/2007 0905

Analysis Batch: 720-25352  
Prep Batch: 720-25289  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.33 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	95	46 - 105	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25289**

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

LCS Lab Sample ID: LCS 720-25289/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/27/2007 1713  
Date Prepared: 08/27/2007 0905

Analysis Batch: 720-25352  
Prep Batch: 720-25289  
Units: mg/Kg

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

LCSD Lab Sample ID: LCSD 720-25289/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/27/2007 1740  
Date Prepared: 08/27/2007 0905

Analysis Batch: 720-25352  
Prep Batch: 720-25289  
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	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	88	82	50 - 130	8	30		
<hr/>							
Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits				
p-Terphenyl	94	86	46 - 105				

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





## ANALYTICAL REPORT

Job Number: 720-10517-1

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  
Project Manager II  
surinder.sidhu@testamericainc.com  
08/31/2007

**Job Narrative**  
**720-J10517-1**

**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 VOA**

No analytical or quality issues were noted.

**GC Semi VOA**

Method 8015B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 25362 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: 720-10517-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10517-1</b>	<b>W 100 N 0</b>				
Ethylbenzene		2.9	0.94	mg/Kg	8260B
Toluene		1.6	0.94	mg/Kg	8260B
Xylenes, Total		16	1.9	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		180	47	mg/Kg	8260B
Diesel Range Organics [C10-C28]		13	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		14	0.99	mg/Kg	8015B
<b>720-10517-2</b>	<b>W 100 N 25</b>				
Ethylbenzene		2.3	0.90	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		150	45	mg/Kg	8260B
Diesel Range Organics [C10-C28]		18	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		15	1.0	mg/Kg	8015B
<b>720-10517-3</b>	<b>W 125 N 0</b>				
Ethylbenzene		1.2	0.90	mg/Kg	8260B
Xylenes, Total		3.9	1.8	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		72	45	mg/Kg	8260B
Diesel Range Organics [C10-C28]		7.1	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		9.2	1.0	mg/Kg	8015B
<b>720-10517-4</b>	<b>W 150 N 25</b>				
Ethylbenzene		6.0	0.93	mg/Kg	8260B
Xylenes, Total		8.2	1.9	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		290	47	mg/Kg	8260B
Diesel Range Organics [C10-C28]		18	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		21	0.99	mg/Kg	8015B
<b>720-10517-5</b>	<b>W 150 N 0</b>				
Ethylbenzene		1.1	0.99	mg/Kg	8260B
Xylenes, Total		3.2	2.0	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		96	50	mg/Kg	8260B
Diesel Range Organics [C10-C28]		9.9	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		10	1.0	mg/Kg	8015B
<b>720-10517-6</b>	<b>W 175 N 0</b>				
Gasoline Range Organics (GRO)-C5-C12		2.9	1.2	mg/Kg	8260B
Diesel Range Organics [C10-C28]		2.6	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		1.6	1.0	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10517-1

<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: 720-10517-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10517-1	W 100 N 0	Solid	08/23/2007 1515	08/24/2007 1613
720-10517-2	W 100 N 25	Solid	08/23/2007 1518	08/24/2007 1613
720-10517-3	W 125 N 0	Solid	08/23/2007 1502	08/24/2007 1613
720-10517-4	W 150 N 25	Solid	08/23/2007 1528	08/24/2007 1613
720-10517-5	W 150 N 0	Solid	08/23/2007 1525	08/24/2007 1613
720-10517-6	W 175 N 0	Solid	08/23/2007 1532	08/24/2007 1613

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

Client Sample ID: W 100 N 0

Lab Sample ID: 720-10517-1

Date Sampled: 08/23/2007 1515

Client Matrix: Solid

Date Received: 08/24/2007 1613

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

Method: 8260B Analysis Batch: 720-25421 Instrument ID: Varian 3900A  
Preparation: 5030B-Medium Prep Batch: 720-25432 Lab File ID: c:\saturnws\data\200708\08  
Dilution: 200 Initial Weight/Volume: 5.33 g  
Date Analyzed: 08/29/2007 0206 Final Weight/Volume: 10 mL  
Date Prepared: 08/28/2007 1151

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.94
Ethylbenzene		2.9		0.94
Toluene		1.6		0.94
MTBE		ND		0.94
Xylenes, Total		16		1.9
Gasoline Range Organics (GRO)-C5-C12		180		47
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		87		50 - 130
1,2-Dichloroethane-d4 (Surr)		81		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

Client Sample ID: W 100 N 25

Lab Sample ID: 720-10517-2

Client Matrix: Solid

Date Sampled: 08/23/2007 1518

Date Received: 08/24/2007 1613

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25421	Instrument ID: Varian 3900A
Preparation:	5030B-Medium	Prep Batch: 720-25432	Lab File ID: c:\saturnws\data\200708\08
Dilution:	200		Initial Weight/Volume: 5.58 g
Date Analyzed:	08/29/2007 0228		Final Weight/Volume: 10 mL
Date Prepared:	08/28/2007 1151		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.90
Ethylbenzene		2.3		0.90
Toluene		ND		0.90
MTBE		ND		0.90
Xylenes, Total		ND		1.8
Gasoline Range Organics (GRO)-C5-C12		150		45

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	88	50 - 130
1,2-Dichloroethane-d4 (Surr)	80	60 - 140



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

Client Sample ID: W 125 N 0

Lab Sample ID: 720-10517-3

Client Matrix: Solid

Date Sampled: 08/23/2007 1502

Date Received: 08/24/2007 1613

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25421	Instrument ID: Varian 3900A
Preparation:	5030B-Medium	Prep Batch: 720-25432	Lab File ID: c:\saturnws\data\200708\08
Dilution:	200		Initial Weight/Volume: 5.55 g
Date Analyzed:	08/29/2007 0250		Final Weight/Volume: 10 mL
Date Prepared:	08/28/2007 1151		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.90
Ethylbenzene		1.2		0.90
Toluene		ND		0.90
MTBE		ND		0.90
Xylenes, Total		3.9		1.8
Gasoline Range Organics (GRO)-C5-C12		72		45

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	87	50 - 130
1,2-Dichloroethane-d4 (Surr)	78	60 - 140



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

Client Sample ID: W 150 N 0

Lab Sample ID: 720-10517-5

Date Sampled: 08/23/2007 1525

Client Matrix: Solid

Date Received: 08/24/2007 1613

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

Method:	8260B	Analysis Batch: 720-25421	Instrument ID: Varian 3900A
Preparation:	5030B-Medium	Prep Batch: 720-25432	Lab File ID: c:\saturnws\data\200708\08
Dilution:	200		Initial Weight/Volume: 5.04 g
Date Analyzed:	08/29/2007 0334		Final Weight/Volume: 10 mL
Date Prepared:	08/28/2007 1151		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.99
Ethylbenzene		1.1		0.99
Toluene		ND		0.99
MTBE		ND		0.99
Xylenes, Total		3.2		2.0
Gasoline Range Organics (GRO)-C5-C12		96		50
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		87		50 - 130
1,2-Dichloroethane-d4 (Surr)		77		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

Client Sample ID: W 175 N 0

Lab Sample ID: 720-10517-6

Client Matrix: Solid

Date Sampled: 08/23/2007 1532

Date Received: 08/24/2007 1613

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-25497 Instrument ID: Varian 3900A  
Preparation: 5030B Prep Batch: 720-25410 Lab File ID: c:\saturnws\data\200708\08  
Dilution: 1.0 Initial Weight/Volume: 1.01 g  
Date Analyzed: 08/30/2007 0246 Final Weight/Volume: 10.00 mL  
Date Prepared: 08/29/2007 0715

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.025
Ethylbenzene		ND		0.025
Toluene		ND		0.025
MTBE		ND		0.025
Xylenes, Total		ND		0.050
Gasoline Range Organics (GRO)-C5-C12		2.9		1.2
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		94		70 - 130
1,2-Dichloroethane-d4 (Surr)		86		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

**Client Sample ID: W 100 N 0**

Lab Sample ID: 720-10517-1

Date Sampled: 08/23/2007 1515

Client Matrix: Solid

Date Received: 08/24/2007 1613

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

Method:	8015B	Analysis Batch: 720-25469	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25362	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.16 g
Date Analyzed:	08/30/2007 1059		Final Weight/Volume:	5 mL
Date Prepared:	08/28/2007 1051		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		13		0.99
Mineral Spirit Range Organics [C9-C13]		14		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		85		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

**Client Sample ID: W 100 N 25**

Lab Sample ID: 720-10517-2

Date Sampled: 08/23/2007 1518

Client Matrix: Solid

Date Received: 08/24/2007 1613

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

Method:	8015B	Analysis Batch: 720-25469	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25362	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.12 g
Date Analyzed:	08/30/2007 1126		Final Weight/Volume:	5 mL
Date Prepared:	08/28/2007 1051		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		18		1.0
Mineral Spirit Range Organics [C9-C13]		15		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	84	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

**Client Sample ID: W 125 N 0**

Lab Sample ID: 720-10517-3

Date Sampled: 08/23/2007 1502

Client Matrix: Solid

Date Received: 08/24/2007 1613

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

Method:	8015B	Analysis Batch: 720-25469	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25362	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.11 g
Date Analyzed:	08/30/2007 1153		Final Weight/Volume:	5 mL
Date Prepared:	08/28/2007 1051		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		7.1		1.0
Mineral Spirit Range Organics [C9-C13]		9.2		1.0

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

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

**Client Sample ID: W 150 N 25**

Lab Sample ID: 720-10517-4

Date Sampled: 08/23/2007 1528

Client Matrix: Solid

Date Received: 08/24/2007 1613

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

Method:	8015B	Analysis Batch: 720-25469	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25362	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.18 g
Date Analyzed:	08/30/2007 1220		Final Weight/Volume:	5 mL
Date Prepared:	08/28/2007 1051		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		18		0.99
Mineral Spirit Range Organics [C9-C13]		21		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		85		46 - 105



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

Client Sample ID: W 150 N 0

Lab Sample ID: 720-10517-5

Date Sampled: 08/23/2007 1525

Client Matrix: Solid

Date Received: 08/24/2007 1613

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

Method:	8015B	Analysis Batch: 720-25469	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25362	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	08/30/2007 1248		Final Weight/Volume:	5 mL
Date Prepared:	08/28/2007 1051		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		9.9		1.0
Mineral Spirit Range Organics [C9-C13]		10		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		79		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10517-1

**Client Sample ID: W 175 N 0**

Lab Sample ID: 720-10517-6

Date Sampled: 08/23/2007 1532

Client Matrix: Solid

Date Received: 08/24/2007 1613

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

Method:	8015B	Analysis Batch: 720-25469	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25362	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.06 g
Date Analyzed:	08/30/2007 1315		Final Weight/Volume:	5 mL
Date Prepared:	08/28/2007 1051		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		2.6		1.0
Mineral Spirit Range Organics [C9-C13]		1.6		1.0

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

## 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: 720-10517-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-25410</b>					
LCS 720-25410/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25410/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25410/1-A	Method Blank	T	Solid	5030B	
720-10517-6	W 175 N 0	T	Solid	5030B	
<b>Analysis Batch:720-25421</b>					
LCS 720-25432/1-A	Lab Control Spike	T	Solid	8260B	720-25432
LCSD 720-25432/2-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25432
MB 720-25432/3-A	Method Blank	T	Solid	8260B	720-25432
720-10517-1	W 100 N 0	T	Solid	8260B	720-25432
720-10517-2	W 100 N 25	T	Solid	8260B	720-25432
720-10517-3	W 125 N 0	T	Solid	8260B	720-25432
720-10517-4	W 150 N 25	T	Solid	8260B	720-25432
720-10517-5	W 150 N 0	T	Solid	8260B	720-25432
<b>Prep Batch: 720-25432</b>					
LCS 720-25432/1-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25432/2-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25432/3-A	Method Blank	T	Solid	5030B	
720-10517-1	W 100 N 0	T	Solid	5030B	
720-10517-2	W 100 N 25	T	Solid	5030B	
720-10517-3	W 125 N 0	T	Solid	5030B	
720-10517-4	W 150 N 25	T	Solid	5030B	
720-10517-5	W 150 N 0	T	Solid	5030B	
<b>Analysis Batch:720-25497</b>					
LCS 720-25410/2-A	Lab Control Spike	T	Solid	8260B	720-25410
LCSD 720-25410/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25410
MB 720-25410/1-A	Method Blank	T	Solid	8260B	720-25410
720-10517-6	W 175 N 0	T	Solid	8260B	720-25410

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10517-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-25362</b>					
LCS 720-25362/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-25362/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-25362/1-A	Method Blank	T	Solid	3550B	
720-10517-1	W 100 N 0	T	Solid	3550B	
720-10517-2	W 100 N 25	T	Solid	3550B	
720-10517-3	W 125 N 0	T	Solid	3550B	
720-10517-4	W 150 N 25	T	Solid	3550B	
720-10517-5	W 150 N 0	T	Solid	3550B	
720-10517-6	W 175 N 0	T	Solid	3550B	
<b>Analysis Batch:720-25469</b>					
MB 720-25362/1-A	Method Blank	T	Solid	8015B	720-25362
720-10517-1	W 100 N 0	T	Solid	8015B	720-25362
720-10517-2	W 100 N 25	T	Solid	8015B	720-25362
720-10517-3	W 125 N 0	T	Solid	8015B	720-25362
720-10517-4	W 150 N 25	T	Solid	8015B	720-25362
720-10517-5	W 150 N 0	T	Solid	8015B	720-25362
720-10517-6	W 175 N 0	T	Solid	8015B	720-25362
<b>Analysis Batch:720-25502</b>					
LCS 720-25362/2-A	Lab Control Spike	T	Solid	8015B	720-25362
LCSD 720-25362/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-25362

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10517-1

### Method Blank - Batch: 720-25410

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

Lab Sample ID: MB 720-25410/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/29/2007 1433  
Date Prepared: 08/29/2007 0715

Analysis Batch: 720-25497  
Prep Batch: 720-25410  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200708\08  
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
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)	95	70 - 130	
1,2-Dichloroethane-d4 (Surr)	81	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: 720-10517-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25410**

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

LCS Lab Sample ID: LCS 720-25410/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/29/2007 1349  
Date Prepared: 08/29/2007 0715

Analysis Batch: 720-25497  
Prep Batch: 720-25410  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200708\082  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-25410/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/29/2007 1411  
Date Prepared: 08/29/2007 0715

Analysis Batch: 720-25497  
Prep Batch: 720-25410  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200708\082  
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	80	82	69 - 129	2	20		
Toluene	93	95	70 - 130	3	20		
MTBE	86	86	65 - 165	0	20		
Gasoline Range Organics (GRO)-C5-C12	68	68	60 - 130	1	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	96		96		70 - 130		
1,2-Dichloroethane-d4 (Surr)	80		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: 720-10517-1

## Method Blank - Batch: 720-25432

Lab Sample ID: MB 720-25432/3-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 08/28/2007 1625  
Date Prepared: 08/28/2007 1151

Analysis Batch: 720-25421  
Prep Batch: 720-25432  
Units: mg/Kg

## Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900A  
Lab File ID: c:\saturaws\data\200708\08  
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
MTBE	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	92	50 - 130	
1,2-Dichloroethane-d4 (Surr)	79	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: 720-10517-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25432**

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

LCS Lab Sample ID: LCS 720-25432/1-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 08/28/2007 1540  
Date Prepared: 08/28/2007 1151

Analysis Batch: 720-25421  
Prep Batch: 720-25432  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturmws\data\200708\082  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-25432/2-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 08/28/2007 1603  
Date Prepared: 08/28/2007 1151

Analysis Batch: 720-25421  
Prep Batch: 720-25432  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturmws\data\200708\082  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	80	78	69 - 129	3	20		
Toluene	92	91	70 - 130	1	20		
MTBE	78	77	65 - 165	2	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	98		96		50 - 130		
1,2-Dichloroethane-d4 (Surr)	79		80		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: 720-10517-1

**Method Blank - Batch: 720-25362**

Lab Sample ID: MB 720-25362/1-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 08/29/2007 1522  
 Date Prepared: 08/28/2007 1051

Analysis Batch: 720-25469  
 Prep Batch: 720-25362  
 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	99	46 - 105

**Lab Control Spike/  
 Lab Control Spike Duplicate Recovery Report - Batch: 720-25362**

LCS Lab Sample ID: LCS 720-25362/2-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 08/28/2007 1629  
 Date Prepared: 08/28/2007 1051

Analysis Batch: 720-25502  
 Prep Batch: 720-25362  
 Units: mg/Kg

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

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

LCSD Lab Sample ID: LCSD 720-25362/3-A  
 Client Matrix: Solid  
 Dilution: 1.0  
 Date Analyzed: 08/28/2007 1656  
 Date Prepared: 08/28/2007 1051

Analysis Batch: 720-25502  
 Prep Batch: 720-25362  
 Units: mg/Kg

Instrument ID: Varian DRO4  
 Lab File ID: N/A  
 Initial Weight/Volume: 30.09 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]	77	80	50 - 130	5	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
p-Terphenyl	94	95	95	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: **720-10517**

106870

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.

Project: **Bay Rock - Oak Walk Emeryville**  
Project No.: **0004.085** 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.
W100N0	Soil	EX 2	n/a	n/a	08/23/07	15:15	Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits	
W125N25						15:18		
W125N0						15:02		
W150N25						15:28		
W150N0						15:25		
W175N0						15:32		

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

Priority: Routine  Expedited  Special

Notes: Pricing per Bay Rock Emeryville Agreement

Temp. 2.2°C

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	Dai Watkins	San Joaquin Co	—	—	08/24/07	16:13	[Signature]
Received/ Relinquished by:	T. Bullock	TAC-SK	08/24/07	16:13			
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:							

## ANALYTICAL REPORT

Job Number: 720-10601-1

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  
Project Manager II  
surinder.sidhu@testamericainc.com  
09/07/2007

**Job Narrative**  
**720-J10601-1**

**Comments**

No additional comments.

**Receipt**

The Chain-of-Custody (COC) was not properly filled out. Sample labels date collected : 08/30/07, logged using sample labels date collected.

All other 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: 720-10601-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10601-1</b>	<b>W275 N80</b>				
Gasoline Range Organics (GRO)-C5-C12		85	48	mg/Kg	8260B
Diesel Range Organics [C10-C28]		18	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		19	0.99	mg/Kg	8015B
<b>720-10601-2</b>	<b>W275 N55</b>				
Gasoline Range Organics (GRO)-C5-C12		140	48	mg/Kg	8260B
Diesel Range Organics [C10-C28]		32	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		26	0.99	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10601-1

<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
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: 720-10601-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10601-1	W275 N80	Solid	08/30/2007 1137	08/30/2007 1609
720-10601-2	W275 N55	Solid	08/30/2007 1142	08/30/2007 1609







## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10601-1

**Client Sample ID: W275 N80**

Lab Sample ID: 720-10601-1

Date Sampled: 08/30/2007 1137

Client Matrix: Solid

Date Received: 08/30/2007 1609

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

Method:	8015B	Analysis Batch: 720-25841	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25605	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.24 g
Date Analyzed:	09/05/2007 1725		Final Weight/Volume:	5 mL
Date Prepared:	09/04/2007 1111		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		18		0.99
Mineral Spirit Range Organics [C9-C13]		19		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	81	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10601-1

**Client Sample ID: W275 N55**

Lab Sample ID: 720-10601-2

Date Sampled: 08/30/2007 1142

Client Matrix: Solid

Date Received: 08/30/2007 1609

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

Method:	8015B	Analysis Batch: 720-25841	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25605	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.39 g
Date Analyzed:	09/05/2007 1752		Final Weight/Volume:	5 mL
Date Prepared:	09/04/2007 1111		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		32		0.99
Mineral Spirit Range Organics [C9-C13]		26		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	80	46 - 105

## 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: 720-10601-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-25847</b>					
LCS 720-25847/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25847/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25847/1-A	Method Blank	T	Solid	5030B	
720-10601-1	W275 N80	T	Solid	5030B	
720-10601-2	W275 N55	T	Solid	5030B	
<b>Analysis Batch:720-25848</b>					
LCS 720-25847/2-A	Lab Control Spike	T	Solid	8260B	720-25847
LCSD 720-25847/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25847
MB 720-25847/1-A	Method Blank	T	Solid	8260B	720-25847
720-10601-1	W275 N80	T	Solid	8260B	720-25847
720-10601-2	W275 N55	T	Solid	8260B	720-25847

**Report Basis**

T = Total

### GC Semi VOA

<b>Prep Batch: 720-25605</b>					
LCS 720-25605/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-25605/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-25605/1-A	Method Blank	T	Solid	3550B	
720-10601-1	W275 N80	T	Solid	3550B	
720-10601-2	W275 N55	T	Solid	3550B	
<b>Analysis Batch:720-25841</b>					
LCS 720-25605/2-A	Lab Control Spike	T	Solid	8015B	720-25605
LCSD 720-25605/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-25605
MB 720-25605/1-A	Method Blank	T	Solid	8015B	720-25605
720-10601-1	W275 N80	T	Solid	8015B	720-25605
720-10601-2	W275 N55	T	Solid	8015B	720-25605

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10601-1

**Method Blank - Batch: 720-25847**

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

Lab Sample ID: MB 720-25847/1-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/07/2007 1133  
Date Prepared: 09/07/2007 0800

Analysis Batch: 720-25848  
Prep Batch: 720-25847  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\09  
Initial Weight/Volume: 5.0 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)	107	50 - 130
1,2-Dichloroethane-d4 (Surr)	97	60 - 140

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25847**

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

LCS Lab Sample ID: LCS 720-25847/2-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/07/2007 1047  
Date Prepared: 09/07/2007 0800

Analysis Batch: 720-25848  
Prep Batch: 720-25847  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\09  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-25847/3-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/07/2007 1110  
Date Prepared: 09/07/2007 0800

Analysis Batch: 720-25848  
Prep Batch: 720-25847  
Units: mg/Kg

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\09  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	84	96	69 - 129	13	20		
Toluene	86	95	70 - 130	9	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		104		50 - 130		
1,2-Dichloroethane-d4 (Surr)	85		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: 720-10601-1

**Method Blank - Batch: 720-25605**

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

Lab Sample ID: MB 720-25605/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/05/2007 1658  
Date Prepared: 09/04/2007 1111

Analysis Batch: 720-25841  
Prep Batch: 720-25605  
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

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	46 - 105	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25605**

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

LCS Lab Sample ID: LCS 720-25605/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/05/2007 1604  
Date Prepared: 09/04/2007 1111

Analysis Batch: 720-25841  
Prep Batch: 720-25605  
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

LCSD Lab Sample ID: LCSD 720-25605/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/05/2007 1631  
Date Prepared: 09/04/2007 1111

Analysis Batch: 720-25841  
Prep Batch: 720-25605  
Units: mg/Kg

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

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	81	80	50 - 130	3	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	87		86		46 - 105		

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





## ANALYTICAL REPORT

Job Number: 720-10543-1

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  
Project Manager II  
surinder.sidhu@testamericainc.com  
09/06/2007

**Job Narrative**  
**720-J10543-1**

**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 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: 720-10543-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10543-1</b>	<b>W 125 N 25</b>				
Gasoline Range Organics (GRO)-C5-C12		100	47	mg/Kg	8260B
Diesel Range Organics [C10-C28]		32	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		31	1.0	mg/Kg	8015B
<b>720-10543-2</b>	<b>W 125 N 50</b>				
Gasoline Range Organics (GRO)-C5-C12		150	45	mg/Kg	8260B
Diesel Range Organics [C10-C28]		9.3	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		7.6	0.99	mg/Kg	8015B
<b>720-10543-3</b>	<b>W 175 N 25</b>				
Benzene		0.020	0.0049	mg/Kg	8260B
Ethylbenzene		0.11	0.0049	mg/Kg	8260B
Xylenes, Total		0.0099	0.0097	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		9.0	0.24	mg/Kg	8260B
Diesel Range Organics [C10-C28]		2.8	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		2.4	0.99	mg/Kg	8015B
<b>720-10543-4</b>	<b>W 175 N 50</b>				
Gasoline Range Organics (GRO)-C5-C12		2.4	0.70	mg/Kg	8260B
<b>720-10543-6</b>	<b>W 200 N 0</b>				
Gasoline Range Organics (GRO)-C5-C12		0.47	0.25	mg/Kg	8260B
<b>720-10543-7</b>	<b>W 200 N 50</b>				
Ethylbenzene		1.6	0.90	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		93	45	mg/Kg	8260B
Diesel Range Organics [C10-C28]		5.6	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		5.2	0.99	mg/Kg	8015B
<b>720-10543-8</b>	<b>W 200 N 75</b>				
Ethylbenzene		50	8.4	mg/Kg	8260B
Xylenes, Total		270	17	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		5100	420	mg/Kg	8260B
Diesel Range Organics [C10-C28]		940	10	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		1300	10	mg/Kg	8015B

## EXECUTIVE SUMMARY - Detections

Client: San Joaquin Company Inc

Job Number: 720-10543-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10543-9</b>	<b>W 213 N 25.50</b>				
Ethylbenzene		0.055	0.024	mg/Kg	8260B
Gasoline Range Organics (GRO)-C5-C12		6.5	1.2	mg/Kg	8260B
Diesel Range Organics [C10-C28]		6.8	0.99	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		5.4	0.99	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10543-1

<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: 720-10543-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10543-1	W 125 N 25	Solid	08/27/2007 0954	08/27/2007 1632
720-10543-2	W 125 N 50	Solid	08/27/2007 0951	08/27/2007 1632
720-10543-3	W 175 N 25	Solid	08/27/2007 0916	08/27/2007 1632
720-10543-4	W 175 N 50	Solid	08/27/2007 0919	08/27/2007 1632
720-10543-5	W 175 N 75	Solid	08/27/2007 0928	08/27/2007 1632
720-10543-6	W 200 N 0	Solid	08/27/2007 0905	08/27/2007 1632
720-10543-7	W 200 N 50	Solid	08/27/2007 0908	08/27/2007 1632
720-10543-8	W 200 N 75	Solid	08/27/2007 1059	08/27/2007 1632
720-10543-9	W 213 N 25.50	Solid	08/27/2007 0913	08/27/2007 1632





# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10543-1

Client Sample ID: W 125 N 50

Lab Sample ID: 720-10543-2

Client Matrix: Solid

Date Sampled: 08/27/2007 0951

Date Received: 08/27/2007 1632

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25727	Instrument ID: Varian 3900A
Preparation:	5030B-Medium	Prep Batch: 720-25721	Lab File ID: c:\saturnws\data\200709\09
Dilution:	200		Initial Weight/Volume: 5.55 g
Date Analyzed:	09/05/2007 0335		Final Weight/Volume: 10 mL
Date Prepared:	09/04/2007 1416		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.90
Ethylbenzene		ND		0.90
Toluene		ND		0.90
MTBE		ND		0.90
Xylenes, Total		ND		1.8
Gasoline Range Organics (GRO)-C5-C12		150		45

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	95	50 - 130
1,2-Dichloroethane-d4 (Surr)	86	60 - 140



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10543-1

Client Sample ID: W 175 N 50

Lab Sample ID: 720-10543-4

Client Matrix: Solid

Date Sampled: 08/27/2007 0919

Date Received: 08/27/2007 1632

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25637	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-25594	Lab File ID: c:\saturnws\data\200709\09
Dilution:	1.0		Initial Weight/Volume: 1.78 g
Date Analyzed:	09/05/2007 0229		Final Weight/Volume: 10.00 mL
Date Prepared:	09/04/2007 0720		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.014
Ethylbenzene		ND		0.014
Toluene		ND		0.014
MTBE		ND		0.014
Xylenes, Total		ND		0.028
Gasoline Range Organics (GRO)-C5-C12		2.4		0.70

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	94	70 - 130
1,2-Dichloroethane-d4 (Surr)	85	60 - 140



# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10543-1

Client Sample ID: W 200 N 0

Lab Sample ID: 720-10543-6

Client Matrix: Solid

Date Sampled: 08/27/2007 0905

Date Received: 08/27/2007 1632

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-25734	Instrument ID: Varian 3900A
Preparation:	5030B	Prep Batch: 720-25663	Lab File ID: c:\saturnws\data\200709\09
Dilution:	1.0		Initial Weight/Volume: 5.08 g
Date Analyzed:	09/05/2007 1648		Final Weight/Volume: 10 mL
Date Prepared:	09/05/2007 0710		

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		0.0098
Gasoline Range Organics (GRO)-C5-C12		0.47		0.25
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		93		70 - 130
1,2-Dichloroethane-d4 (Surr)		77		60 - 140









## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10543-1

**Client Sample ID: W 125 N 25**

Lab Sample ID: 720-10543-1

Date Sampled: 08/27/2007 0954

Client Matrix: Solid

Date Received: 08/27/2007 1632

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

Method:	8015B	Analysis Batch: 720-25625	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25471	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.15 g
Date Analyzed:	08/30/2007 1558		Final Weight/Volume:	5 mL
Date Prepared:	08/29/2007 1618		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		32		1.0
Mineral Spirit Range Organics [C9-C13]		31		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	76	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10543-1

**Client Sample ID: W 125 N 50**

Lab Sample ID: 720-10543-2

Date Sampled: 08/27/2007 0951

Client Matrix: Solid

Date Received: 08/27/2007 1632

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

Method:	8015B	Analysis Batch: 720-25625	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25471	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.16 g
Date Analyzed:	08/30/2007 1625		Final Weight/Volume:	5 mL
Date Prepared:	08/29/2007 1618		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		9.3		0.99
Mineral Spirit Range Organics [C9-C13]		7.6		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		81		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10543-1

**Client Sample ID: W 175 N 25**

Lab Sample ID: 720-10543-3

Date Sampled: 08/27/2007 0916

Client Matrix: Solid

Date Received: 08/27/2007 1632

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

Method:	8015B	Analysis Batch: 720-25625	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25471	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.18 g
Date Analyzed:	08/30/2007 1653		Final Weight/Volume:	5 mL
Date Prepared:	08/29/2007 1618		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]		2.4		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		83		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10543-1

**Client Sample ID: W 175 N 50**

Lab Sample ID: 720-10543-4

Date Sampled: 08/27/2007 0919

Client Matrix: Solid

Date Received: 08/27/2007 1632

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

Method:	8015B	Analysis Batch: 720-25625	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25471	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	08/30/2007 1720		Final Weight/Volume:	5 mL
Date Prepared:	08/29/2007 1618		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	74	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10543-1

**Client Sample ID: W 175 N 75**

Lab Sample ID: 720-10543-5  
Client Matrix: Solid

Date Sampled: 08/27/2007 0928  
Date Received: 08/27/2007 1632

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

Method:	8015B	Analysis Batch: 720-25625	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25471	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.09 g
Date Analyzed:	08/30/2007 1747		Final Weight/Volume:	5 mL
Date Prepared:	08/29/2007 1618		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	80	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10543-1

Client Sample ID: W 200 N 0

Lab Sample ID: 720-10543-6

Date Sampled: 08/27/2007 0905

Client Matrix: Solid

Date Received: 08/27/2007 1632

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

Method:	8015B	Analysis Batch: 720-25625	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25471	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.18 g
Date Analyzed:	08/30/2007 1815		Final Weight/Volume:	5 mL
Date Prepared:	08/29/2007 1618		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		46 - 105



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10543-1

**Client Sample ID: W 200 N 75**

Lab Sample ID: 720-10543-8

Date Sampled: 08/27/2007 1059

Client Matrix: Solid

Date Received: 08/27/2007 1632

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

Method:	8015B	Analysis Batch: 720-25625	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25471	Lab File ID:	N/A
Dilution:	10		Initial Weight/Volume:	30.13 g
Date Analyzed:	08/31/2007 1512		Final Weight/Volume:	5 mL
Date Prepared:	08/29/2007 1618		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		940		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: 720-10543-1

**Client Sample ID: W 213 N 25.50**

Lab Sample ID: 720-10543-9  
Client Matrix: Solid

Date Sampled: 08/27/2007 0913  
Date Received: 08/27/2007 1632

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

Method:	8015B	Analysis Batch: 720-25625	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-25471	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.17 g
Date Analyzed:	08/31/2007 1445		Final Weight/Volume:	5 mL
Date Prepared:	08/29/2007 1618		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		6.8		0.99
Mineral Spirit Range Organics [C9-C13]		5.4		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		71		46 - 105

## DATA REPORTING QUALIFIERS

Client: San Joaquin Company Inc

Job Number: 720-10543-1

<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: 720-10543-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-25594</b>					
720-10543-4	W 175 N 50	T	Solid	5030B	
720-10543-5	W 175 N 75	T	Solid	5030B	
<b>Prep Batch: 720-25595</b>					
LCS 720-25595/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25595/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25595/1-A	Method Blank	T	Solid	5030B	
<b>Analysis Batch:720-25637</b>					
LCS 720-25595/2-A	Lab Control Spike	T	Solid	8260B	720-25595
LCSD 720-25595/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25595
MB 720-25595/1-A	Method Blank	T	Solid	8260B	720-25595
720-10543-4	W 175 N 50	T	Solid	8260B	720-25594
720-10543-5	W 175 N 75	T	Solid	8260B	720-25594
<b>Prep Batch: 720-25663</b>					
LCSD 720-25663/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25663/1-A	Method Blank	T	Solid	5030B	
720-10543-3	W 175 N 25	T	Solid	5030B	
720-10543-6	W 200 N 0	T	Solid	5030B	
720-10543-9	W 213 N 25.50	T	Solid	5030B	
<b>Prep Batch: 720-25721</b>					
LCS 720-25721/1-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-25721/2-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-25721/3-A	Method Blank	T	Solid	5030B	
720-10543-1	W 125 N 25	T	Solid	5030B	
720-10543-2	W 125 N 50	T	Solid	5030B	
720-10543-7	W 200 N 50	T	Solid	5030B	
720-10543-8	W 200 N 75	T	Solid	5030B	
<b>Analysis Batch:720-25727</b>					
LCS 720-25721/1-A	Lab Control Spike	T	Solid	8260B	720-25721
LCSD 720-25721/2-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25721
MB 720-25721/3-A	Method Blank	T	Solid	8260B	720-25721
720-10543-1	W 125 N 25	T	Solid	8260B	720-25721
720-10543-2	W 125 N 50	T	Solid	8260B	720-25721
720-10543-7	W 200 N 50	T	Solid	8260B	720-25721
720-10543-8	W 200 N 75	T	Solid	8260B	720-25721

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10543-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-25734</b>					
LCSD 720-25663/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-25663
MB 720-25663/1-A	Method Blank	T	Solid	8260B	720-25663
720-10543-3	W 175 N 25	T	Solid	8260B	720-25663
720-10543-6	W 200 N 0	T	Solid	8260B	720-25663
720-10543-9	W 213 N 25.50	T	Solid	8260B	720-25663

Report Basis

T = Total

### GC Semi VOA

<b>Prep Batch: 720-25471</b>					
LCS 720-25471/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-25471/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-25471/1-A	Method Blank	T	Solid	3550B	
720-10543-1	W 125 N 25	T	Solid	3550B	
720-10543-2	W 125 N 50	T	Solid	3550B	
720-10543-3	W 175 N 25	T	Solid	3550B	
720-10543-4	W 175 N 50	T	Solid	3550B	
720-10543-5	W 175 N 75	T	Solid	3550B	
720-10543-6	W 200 N 0	T	Solid	3550B	
720-10543-7	W 200 N 50	T	Solid	3550B	
720-10543-8	W 200 N 75	T	Solid	3550B	
720-10543-9	W 213 N 25.50	T	Solid	3550B	
<b>Analysis Batch:720-25625</b>					
LCS 720-25471/2-A	Lab Control Spike	T	Solid	8015B	720-25471
LCSD 720-25471/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-25471
MB 720-25471/1-A	Method Blank	T	Solid	8015B	720-25471
720-10543-1	W 125 N 25	T	Solid	8015B	720-25471
720-10543-2	W 125 N 50	T	Solid	8015B	720-25471
720-10543-3	W 175 N 25	T	Solid	8015B	720-25471
720-10543-4	W 175 N 50	T	Solid	8015B	720-25471
720-10543-5	W 175 N 75	T	Solid	8015B	720-25471
720-10543-6	W 200 N 0	T	Solid	8015B	720-25471
720-10543-7	W 200 N 50	T	Solid	8015B	720-25471
720-10543-8	W 200 N 75	T	Solid	8015B	720-25471
720-10543-9	W 213 N 25.50	T	Solid	8015B	720-25471

Report Basis

T = Total

# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10543-1

## Method Blank - Batch: 720-25595

Lab Sample ID: MB 720-25595/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/04/2007 1137  
Date Prepared: 09/04/2007 0728

Analysis Batch: 720-25637  
Prep Batch: 720-25595  
Units: mg/Kg

## Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200709\05  
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
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)	96	70 - 130	
1,2-Dichloroethane-d4 (Surr)	85	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: 720-10543-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25595**

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

LCS Lab Sample ID: LCS 720-25595/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/04/2007 0922  
Date Prepared: 09/04/2007 0728

Analysis Batch: 720-25637  
Prep Batch: 720-25595  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200709\090  
Initial Weight/Volume: 5.00 g  
Final Weight/Volume: 10.00 mL

LCSD Lab Sample ID: LCSD 720-25595/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/04/2007 1029  
Date Prepared: 09/04/2007 0728

Analysis Batch: 720-25637  
Prep Batch: 720-25595  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200709\090  
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	83	87	69 - 129	5	20		
Toluene	96	97	70 - 130	1	20		
MTBE	92	92	65 - 165	0	20		
Gasoline Range Organics (GRO)-C5-C12	74	75	60 - 130	3	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	99		96		70 - 130		
1,2-Dichloroethane-d4 (Surr)	81		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: 720-10543-1

### Method Blank - Batch: 720-25663

Lab Sample ID: MB 720-25663/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/05/2007 1109  
Date Prepared: 09/05/2007 0710

Analysis Batch: 720-25734  
Prep Batch: 720-25663  
Units: mg/Kg

### Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200709\05  
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
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)	95	70 - 130	
1,2-Dichloroethane-d4 (Surr)	81	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: 720-10543-1

### Method Blank - Batch: 720-25721

Lab Sample ID: MB 720-25721/3-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/04/2007 1747  
Date Prepared: 09/04/2007 1416

Analysis Batch: 720-25727  
Prep Batch: 720-25721  
Units: mg/Kg

### Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900A  
Lab File ID: c:\saturaws\data\200709\05  
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
MTBE	ND		1.0
Xylenes, Total	ND		2.0
Gasoline Range Organics (GRO)-C5-C12	ND		50
Surrogate	% Rec	Acceptance Limits	
Toluene-d8 (Surr)	88	50 - 130	
1,2-Dichloroethane-d4 (Surr)	74	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: 720-10543-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25721**

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

LCS Lab Sample ID: LCS 720-25721/1-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/04/2007 1703  
Date Prepared: 09/04/2007 1416

Analysis Batch: 720-25727  
Prep Batch: 720-25721  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200709\09C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-25721/2-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/04/2007 1725  
Date Prepared: 09/04/2007 1416

Analysis Batch: 720-25727  
Prep Batch: 720-25721  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200709\09C  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	78	80	69 - 129	3	20		
Toluene	89	90	70 - 130	2	20		
MTBE	72	75	65 - 165	4	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	90		92		50 - 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: 720-10543-1

**Method Blank - Batch: 720-25471**

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

Lab Sample ID: MB 720-25471/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/30/2007 1531  
Date Prepared: 08/29/2007 1618

Analysis Batch: 720-25625  
Prep Batch: 720-25471  
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

Analyte	Result	Qual	RL
Diesel Range Organics [C10-C28]	ND		1.0
Mineral Spirit Range Organics [C9-C13]	ND		1.0
<b>Surrogate</b>		<b>% Rec</b>	<b>Acceptance Limits</b>
p-Terphenyl	96		46 - 105

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-25471**

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

LCS Lab Sample ID: LCS 720-25471/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/30/2007 1531  
Date Prepared: 08/29/2007 1618

Analysis Batch: 720-25625  
Prep Batch: 720-25471  
Units: mg/Kg

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

LCSD Lab Sample ID: LCSD 720-25471/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 08/30/2007 1558  
Date Prepared: 08/29/2007 1618

Analysis Batch: 720-25625  
Prep Batch: 720-25471  
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

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diesel Range Organics [C10-C28]	76	75	50 - 130	2	30		
<b>Surrogate</b>		<b>LCS % Rec</b>	<b>LCSD % Rec</b>		<b>Acceptance Limits</b>		
p-Terphenyl	85	83			46 - 105		

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



## ANALYTICAL REPORT

Job Number: 720-10884-1

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  
09/25/2007

**Job Narrative**  
**720-J10884-1**

**Comments**

No additional comments.

**Receipt**

The following sample was received with headspace in the sample vial: MW-2 all voas.

All other 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 26546 were outside control limits. The associated laboratory control standard (LCS) met acceptance criteria.

Surrogate 1,2-DAC-d4 recovery was outside the control limit in MS.

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: 720-10884-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10884-1</b>	<b>MW-2</b>				
Benzene		1500	10	ug/L	8260B
Ethylbenzene		340	10	ug/L	8260B
MTBE		84	10	ug/L	8260B
Xylenes, Total		21	20	ug/L	8260B
Gasoline Range Organics (GRO)-C5-C12		8300	1000	ug/L	8260B
Diesel Range Organics [C10-C28]		1400	50	ug/L	8015B
Mineral Spirit Range Organics [C9-C13]		1500	50	ug/L	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10884-1

<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: 720-10884-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10884-1	MW-2	Water	09/18/2007 1100	09/18/2007 1716





## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10884-1

**Client Sample ID: MW-2**

Lab Sample ID: 720-10884-1

Date Sampled: 09/18/2007 1100

Client Matrix: Water

Date Received: 09/18/2007 1716

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

Method:	8015B	Analysis Batch: 720-26533	Instrument ID: HP DRO5
Preparation:	3510C	Prep Batch: 720-26410	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 250 mL
Date Analyzed:	09/21/2007 1907		Final Weight/Volume: 1 mL
Date Prepared:	09/20/2007 1242		Injection Volume:
			Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	RL
Diesel Range Organics [C10-C28]	1400		50
Mineral Spirit Range Organics [C9-C13]	1500		50

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	76	50 - 150

## DATA REPORTING QUALIFIERS

Client: San Joaquin Company Inc

Job Number: 720-10884-1

<b>Lab Section</b>	<b>Qualifier</b>	<b>Description</b>
GC/MS VOA		
	F	MS or MSD exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	X	Surrogate exceeds the control limits

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10884-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Analysis Batch:720-26546</b>					
LCS 720-26546/3	Lab Control Spike	T	Water	8260B	
LCSD 720-26546/2	Lab Control Spike Duplicate	T	Water	8260B	
MB 720-26546/4	Method Blank	T	Water	8260B	
720-10884-1	MW-2	T	Water	8260B	
720-10884-1MS	Matrix Spike	T	Water	8260B	
720-10884-1MSD	Matrix Spike Duplicate	T	Water	8260B	

**Report Basis**

T = Total

### GC Semi VOA

<b>Prep Batch: 720-26410</b>					
LCS 720-26410/2-A	Lab Control Spike	T	Water	3510C	
LCSD 720-26410/3-A	Lab Control Spike Duplicate	T	Water	3510C	
MB 720-26410/1-A	Method Blank	T	Water	3510C	
720-10884-1	MW-2	T	Water	3510C	
<b>Analysis Batch:720-26531</b>					
LCS 720-26410/2-A	Lab Control Spike	T	Water	8015B	720-26410
LCSD 720-26410/3-A	Lab Control Spike Duplicate	T	Water	8015B	720-26410
<b>Analysis Batch:720-26533</b>					
MB 720-26410/1-A	Method Blank	T	Water	8015B	720-26410
720-10884-1	MW-2	T	Water	8015B	720-26410

**Report Basis**

T = Total

# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10884-1

## Method Blank - Batch: 720-26546

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

Lab Sample ID: MB 720-26546/4  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/24/2007 1110  
Date Prepared: 09/24/2007 1110

Analysis Batch: 720-26546  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900C  
Lab File ID: c:\saturnws\data\200709\05  
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)	108		77 - 121
1,2-Dichloroethane-d4 (Surr)	90		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: 720-10884-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26546**

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

LCS Lab Sample ID: LCS 720-26546/3  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/24/2007 0947  
Date Prepared: 09/24/2007 0947

Analysis Batch: 720-26546  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900C  
Lab File ID: c:\saturmws\data\200709\092  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

LCSD Lab Sample ID: LCSD 720-26546/2  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/24/2007 1015  
Date Prepared: 09/24/2007 1015

Analysis Batch: 720-26546  
Prep Batch: N/A  
Units: ug/L

Instrument ID: Varian 3900C  
Lab File ID: c:\saturmws\data\200709\092  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	81	82	69 - 129	1	20		
MTBE	79	87	65 - 165	9	20		
Toluene	79	84	70 - 130	5	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	95		103		77 - 121		
1,2-Dichloroethane-d4 (Surr)	86		80		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: 720-10884-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-26546**

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

MS Lab Sample ID: 720-10884-1  
Client Matrix: Water  
Dilution: 20  
Date Analyzed: 09/24/2007 1807  
Date Prepared: 09/24/2007 1807

Analysis Batch: 720-26546  
Prep Batch: N/A

Instrument ID: Varian 3900C  
Lab File ID: c:\saturnws\data\200709\05  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

MSD Lab Sample ID: 720-10884-1  
Client Matrix: Water  
Dilution: 20  
Date Analyzed: 09/24/2007 1834  
Date Prepared: 09/24/2007 1834

Analysis Batch: 720-26546  
Prep Batch: N/A

Instrument ID: Varian 3900C  
Lab File ID: c:\saturnws\data\200709\05  
Initial Weight/Volume: 40 mL  
Final Weight/Volume: 40 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzene	219	331	69 - 129	7	20	4	4
MTBE	93	118	65 - 165	13	20		
Toluene	67	75	70 - 130	11	20	F	
Surrogate	MS % Rec		MSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	94		98		77 - 121		
1,2-Dichloroethane-d4 (Surr)	70		X	86	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: 720-10884-1

**Method Blank - Batch: 720-26410**

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

Lab Sample ID: MB 720-26410/1-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/21/2007 1746  
Date Prepared: 09/20/2007 1242

Analysis Batch: 720-26533  
Prep Batch: 720-26410  
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	82	50 - 150	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26410**

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

LCS Lab Sample ID: LCS 720-26410/2-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/21/2007 1255  
Date Prepared: 09/20/2007 1242

Analysis Batch: 720-26531  
Prep Batch: 720-26410  
Units: ug/L

Instrument ID: Varian DRO4  
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 720-26410/3-A  
Client Matrix: Water  
Dilution: 1.0  
Date Analyzed: 09/21/2007 1321  
Date Prepared: 09/20/2007 1242

Analysis Batch: 720-26531  
Prep Batch: 720-26410  
Units: ug/L

Instrument ID: Varian DRO4  
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]	71	85	50 - 130	19	30		
<hr/>							
Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits				
p-Terphenyl	85	102	50 - 150				

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: **720-10884**

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/JCD**

LABORATORY: **TestAmerica** 1220 Quarry Lane, Pleasanton  
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.
MW-2	water	MW-2		44.40	09/18/07	1100	Analyze for: TPH(g)+BTEX+ TBA, MTBE, DIPE, ETBE & TAME  TPH(d) + Mineral Spirits	

Sample Hazards: Low to high concentrations of fuel hydrocarbons and solvents  
Notes: Pricing per Bay Rock Emeryville Agreement. Need Geoextract file

Priority: Routine  Expedited  Special   
Temp: 2.0°C

CUSTODY RECORD	Print Name	Company	Date Received	Time Received	Date Relinquished	Time Relinquished	Signature
Originator:	Adesegun Olanrewaju	San Joaquin Co	—	—	9/18/07	17:16	<i>Adesegun Olanrewaju</i>
Received/ Relinquished by:	<i>Tracy Bullock</i>	<i>TAL-SF</i>	<i>9/18/07</i>	<i>17:16</i>			<i>Tracy Bullock</i>
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:							

## ANALYTICAL REPORT

Job Number: 720-10950-1

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

*Melissa Brewer*

---

Designee for  
Surinder Sidhu  
Customer Service Manager  
surinder.sidhu@testamericainc.com  
10/01/2007

**Job Narrative**  
**720-J10950-1**

**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 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: 720-10950-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10950-5</b>	<b>T10-S21.5-17.0</b>				
Gasoline Range Organics (GRO)-C5-C12		560	46	mg/Kg	8260B
Diesel Range Organics [C10-C28]		210	2.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		300	2.0	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10950-1

<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: 720-10950-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10950-1	T10-0S-10.0	Solid	09/21/2007 1130	09/21/2007 1523
720-10950-2	T10-0S-15.0	Solid	09/21/2007 1145	09/21/2007 1523
720-10950-3	T10-0S-5.0	Solid	09/21/2007 1115	09/21/2007 1523
720-10950-4	T10-S21.5-20.5	Solid	09/21/2007 1315	09/21/2007 1523
720-10950-5	T10-S21.5-17.0	Solid	09/21/2007 1300	09/21/2007 1523

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10950-1

Client Sample ID: T10-0S-10.0

Lab Sample ID: 720-10950-1

Client Matrix: Solid

Date Sampled: 09/21/2007 1130

Date Received: 09/21/2007 1523

---

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

Method:	8260B	Analysis Batch: 720-26666	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-26646	Lab File ID: c:\varianws\data\200709\09
Dilution:	1.0		Initial Weight/Volume: 5.10 g
Date Analyzed:	09/26/2007 1042		Final Weight/Volume: 10.00 mL
Date Prepared:	09/26/2007 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		0.0098
Gasoline Range Organics (GRO)-C5-C12		ND		0.25

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	86	60 - 140





# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10950-1

Client Sample ID: T10-0S-5.0

Lab Sample ID: 720-10950-3

Date Sampled: 09/21/2007 1115

Client Matrix: Solid

Date Received: 09/21/2007 1523

---

## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26666	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-26646	Lab File ID: c:\varianws\data\200709\09
Dilution:	1.0		Initial Weight/Volume: 5.15 g
Date Analyzed:	09/26/2007 1437		Final Weight/Volume: 10.00 mL
Date Prepared:	09/26/2007 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)	97	70 - 130
1,2-Dichloroethane-d4 (Surr)	93	60 - 140



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10950-1

Client Sample ID: T10-S21.5-17.0

Lab Sample ID: 720-10950-5

Date Sampled: 09/21/2007 1300

Client Matrix: Solid

Date Received: 09/21/2007 1523

---

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

Method: 8260B Analysis Batch: 720-26786 Instrument ID: Varian 3900A  
Preparation: 5030B-Medium Prep Batch: 720-26804 Lab File ID: c:\saturnws\data\200709\09  
Dilution: 200 Initial Weight/Volume: 5.43 g  
Date Analyzed: 09/27/2007 1304 Final Weight/Volume: 10 mL  
Date Prepared: 09/27/2007 0000

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.92
Ethylbenzene		ND		0.92
Toluene		ND		0.92
Xylenes, Total		ND		1.8
Gasoline Range Organics (GRO)-C5-C12		560		46
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		89		50 - 130
1,2-Dichloroethane-d4 (Surr)		88		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10950-1

**Client Sample ID: T10-0S-10.0**

Lab Sample ID: 720-10950-1  
Client Matrix: Solid

Date Sampled: 09/21/2007 1130  
Date Received: 09/21/2007 1523

---

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

Method:	8015B	Analysis Batch: 720-26617	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26511	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.04 g
Date Analyzed:	09/26/2007 1155		Final Weight/Volume:	5 mL
Date Prepared:	09/24/2007 0832		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	46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10950-1

**Client Sample ID: T10-0S-15.0**

Lab Sample ID: 720-10950-2

Date Sampled: 09/21/2007 1145

Client Matrix: Solid

Date Received: 09/21/2007 1523

---

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

Method:	8015B	Analysis Batch: 720-26617	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26511	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.19 g
Date Analyzed:	09/26/2007 1223		Final Weight/Volume:	5 mL
Date Prepared:	09/24/2007 0832		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10950-1

**Client Sample ID: T10-0S-5.0**

Lab Sample ID: 720-10950-3

Date Sampled: 09/21/2007 1115

Client Matrix: Solid

Date Received: 09/21/2007 1523

---

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

Method:	8015B	Analysis Batch: 720-26617	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26511	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.43 g
Date Analyzed:	09/26/2007 1250		Final Weight/Volume:	5 mL
Date Prepared:	09/24/2007 0832		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		79		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10950-1

**Client Sample ID: T10-S21.5-20.5**

Lab Sample ID: 720-10950-4

Date Sampled: 09/21/2007 1315

Client Matrix: Solid

Date Received: 09/21/2007 1523

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

Method:	8015B	Analysis Batch: 720-26617	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26511	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.21 g
Date Analyzed:	09/26/2007 1317		Final Weight/Volume:	5 mL
Date Prepared:	09/24/2007 0832		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		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10950-1

**Client Sample ID: T10-S21.5-17.0**

Lab Sample ID: 720-10950-5  
Client Matrix: Solid

Date Sampled: 09/21/2007 1300  
Date Received: 09/21/2007 1523

---

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

Method:	8015B	Analysis Batch: 720-26617	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26511	Lab File ID:	N/A
Dilution:	2.0		Initial Weight/Volume:	30.41 g
Date Analyzed:	09/26/2007 1344		Final Weight/Volume:	5 mL
Date Prepared:	09/24/2007 0832		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		210		2.0
Mineral Spirit Range Organics [C9-C13]		300		2.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	78	46 - 105



## DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description
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## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10950-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-26646</b>					
LCS 720-26646/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-26646/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26646/1-A	Method Blank	T	Solid	5030B	
720-10950-1	T10-0S-10.0	T	Solid	5030B	
720-10950-2	T10-0S-15.0	T	Solid	5030B	
720-10950-3	T10-0S-5.0	T	Solid	5030B	
720-10950-4	T10-S21.5-20.5	T	Solid	5030B	
<b>Analysis Batch:720-26666</b>					
LCS 720-26646/2-A	Lab Control Spike	T	Solid	8260B	720-26646
LCSD 720-26646/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-26646
MB 720-26646/1-A	Method Blank	T	Solid	8260B	720-26646
720-10950-1	T10-0S-10.0	T	Solid	8260B	720-26646
720-10950-2	T10-0S-15.0	T	Solid	8260B	720-26646
720-10950-3	T10-0S-5.0	T	Solid	8260B	720-26646
720-10950-4	T10-S21.5-20.5	T	Solid	8260B	720-26646
<b>Analysis Batch:720-26786</b>					
LCS 720-26804/1-A	Lab Control Spike	T	Solid	8260B	720-26804
LCSD 720-26804/2-A	Lab Control Spike Duplicate	T	Solid	8260B	720-26804
MB 720-26804/3-A	Method Blank	T	Solid	8260B	720-26804
720-10950-5	T10-S21.5-17.0	T	Solid	8260B	720-26804
<b>Prep Batch: 720-26804</b>					
LCS 720-26804/1-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-26804/2-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26804/3-A	Method Blank	T	Solid	5030B	
720-10950-5	T10-S21.5-17.0	T	Solid	5030B	

**Report Basis**

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10950-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-26511</b>					
LCS 720-26511/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-26511/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-26511/1-A	Method Blank	T	Solid	3550B	
720-10950-1	T10-0S-10.0	T	Solid	3550B	
720-10950-2	T10-0S-15.0	T	Solid	3550B	
720-10950-3	T10-0S-5.0	T	Solid	3550B	
720-10950-4	T10-S21.5-20.5	T	Solid	3550B	
720-10950-5	T10-S21.5-17.0	T	Solid	3550B	
<b>Analysis Batch:720-26617</b>					
LCS 720-26511/2-A	Lab Control Spike	T	Solid	8015B	720-26511
LCSD 720-26511/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-26511
MB 720-26511/1-A	Method Blank	T	Solid	8015B	720-26511
720-10950-1	T10-0S-10.0	T	Solid	8015B	720-26511
720-10950-2	T10-0S-15.0	T	Solid	8015B	720-26511
720-10950-3	T10-0S-5.0	T	Solid	8015B	720-26511
720-10950-4	T10-S21.5-20.5	T	Solid	8015B	720-26511
720-10950-5	T10-S21.5-17.0	T	Solid	8015B	720-26511

#### Report Basis

T = Total

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10950-1

**Method Blank - Batch: 720-26646**

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

Lab Sample ID: MB 720-26646/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/26/2007 0921  
Date Prepared: 09/26/2007 0718

Analysis Batch: 720-26666  
Prep Batch: 720-26646  
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

Surrogate	% Rec	Acceptance Limits
Toluene-d8 (Surr)	95	70 - 130
1,2-Dichloroethane-d4 (Surr)	88	60 - 140

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26646**

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

LCS Lab Sample ID: LCS 720-26646/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/26/2007 0834  
Date Prepared: 09/26/2007 0718

Analysis Batch: 720-26666  
Prep Batch: 720-26646  
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 720-26646/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/26/2007 0857  
Date Prepared: 09/26/2007 0718

Analysis Batch: 720-26666  
Prep Batch: 720-26646  
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	96	100	69 - 129	4	20		
Toluene	100	104	70 - 130	4	20		
Gasoline Range Organics (GRO)-C5-C12	68	65	60 - 130	3	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	96		97		70 - 130		
1,2-Dichloroethane-d4 (Surr)	73		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: 720-10950-1

**Method Blank - Batch: 720-26804**

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

Lab Sample ID: MB 720-26804/3-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/27/2007 1005  
Date Prepared: 09/27/2007 0000

Analysis Batch: 720-26786  
Prep Batch: 720-26804  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200709\05  
Initial Weight/Volume: 5.0 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)	99	50 - 130
1,2-Dichloroethane-d4 (Surr)	105	60 - 140

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26804**

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

LCS Lab Sample ID: LCS 720-26804/1-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/27/2007 0920  
Date Prepared: 09/27/2007 0000

Analysis Batch: 720-26786  
Prep Batch: 720-26804  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200709\05  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-26804/2-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/27/2007 0943  
Date Prepared: 09/27/2007 0000

Analysis Batch: 720-26786  
Prep Batch: 720-26804  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200709\092  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	<u>% Rec.</u>		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	97	97	69 - 129	0	20		
Toluene	105	106	70 - 130	2	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		95		50 - 130		
1,2-Dichloroethane-d4 (Surr)	89		81		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: 720-10950-1

**Method Blank - Batch: 720-26511**

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

Lab Sample ID: MB 720-26511/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/26/2007 1128  
Date Prepared: 09/24/2007 0832

Analysis Batch: 720-26617  
Prep Batch: 720-26511  
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	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	92	46 - 105	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26511**

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

LCS Lab Sample ID: LCS 720-26511/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/24/2007 1923  
Date Prepared: 09/24/2007 0832

Analysis Batch: 720-26617  
Prep Batch: 720-26511  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.20 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-26511/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/24/2007 1950  
Date Prepared: 09/24/2007 0832

Analysis Batch: 720-26617  
Prep Batch: 720-26511  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.25 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	69	50 - 130	3	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	86		85		46 - 105		

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



## ANALYTICAL REPORT

Job Number: 720-10967-1

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  
10/02/2007



**Job Narrative**  
**720-J10967-1**

**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 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: 720-10967-1

Lab Sample ID	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10967-1</b>	<b>T-10-S50-D 5.0</b>				
Diesel Range Organics [C10-C28]		3.8	0.99	mg/Kg	8015B
<b>720-10967-3</b>	<b>T-10-S50-D 15.0</b>				
Gasoline Range Organics (GRO)-C5-C12		350	50	mg/Kg	8260B
Diesel Range Organics [C10-C28]		30	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		48	1.0	mg/Kg	8015B
<b>720-10967-4</b>	<b>T-10-S55-D 17.0</b>				
Gasoline Range Organics (GRO)-C5-C12		2.2	0.25	mg/Kg	8260B
<b>720-10967-7</b>	<b>T-10-S75-D 15.0</b>				
Gasoline Range Organics (GRO)-C5-C12		2100	110	mg/Kg	8260B
Diesel Range Organics [C10-C28]		360	5.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		580	5.0	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10967-1

<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: 720-10967-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10967-1	T-10-S50-D 5.0	Solid	09/24/2007 1000	09/25/2007 0918
720-10967-2	T-10-S50-D 10.0	Solid	09/24/2007 1015	09/25/2007 0918
720-10967-3	T-10-S50-D 15.0	Solid	09/24/2007 1030	09/25/2007 0918
720-10967-4	T-10-S55-D 17.0	Solid	09/24/2007 1040	09/25/2007 0918
720-10967-5	T-10-S75-D 5.0	Solid	09/24/2007 1100	09/25/2007 0918
720-10967-6	T-10-S75-D 10.0	Solid	09/24/2007 1115	09/25/2007 0918
720-10967-7	T-10-S75-D 15.0	Solid	09/24/2007 1130	09/25/2007 0918
720-10967-8	T-10-S75-D 17.0	Solid	09/24/2007 1145	09/25/2007 0918





# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

Client Sample ID: T-10-S50-D 15.0

Lab Sample ID: 720-10967-3

Date Sampled: 09/24/2007 1030

Client Matrix: Solid

Date Received: 09/25/2007 0918

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26786	Instrument ID: Varian 3900A
Preparation:	5030B-Medium	Prep Batch: 720-26804	Lab File ID: c:\saturnws\data\200709\09
Dilution:	200		Initial Weight/Volume: 5.05 g
Date Analyzed:	09/27/2007 1904		Final Weight/Volume: 10 mL
Date Prepared:	09/27/2007 0000		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		0.99
Ethylbenzene		ND		0.99
Toluene		ND		0.99
MTBE		ND		0.99
Xylenes, Total		ND		2.0
Gasoline Range Organics (GRO)-C5-C12		350		50
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		97		50 - 130
1,2-Dichloroethane-d4 (Surr)		100		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

**Client Sample ID: T-10-S55-D 17.0**

Lab Sample ID: 720-10967-4

Date Sampled: 09/24/2007 1040

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method:	8260B	Analysis Batch: 720-26666	Instrument ID: Varian 3900E
Preparation:	5030B	Prep Batch: 720-26646	Lab File ID: c:\varianws\data\200709\09
Dilution:	1.0		Initial Weight/Volume: 5.10 g
Date Analyzed:	09/26/2007 1721		Final Weight/Volume: 10.00 mL
Date Prepared:	09/26/2007 0718		

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		0.0098
Gasoline Range Organics (GRO)-C5-C12		2.2		0.25

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: 720-10967-1

Client Sample ID: T-10-S75-D 10.0

Lab Sample ID: 720-10967-6

Date Sampled: 09/24/2007 1115

Client Matrix: Solid

Date Received: 09/25/2007 0918

## 8260B Volatile Organic Compounds by GC/MS

Method: 8260B Analysis Batch: 720-26666 Instrument ID: Varian 3900E  
Preparation: 5030B Prep Batch: 720-26646 Lab File ID: c:\varianws\data\200709\09  
Dilution: 1.0 Initial Weight/Volume: 5.13 g  
Date Analyzed: 09/26/2007 1808 Final Weight/Volume: 10.00 mL  
Date Prepared: 09/26/2007 0718

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)		92		70 - 130
1,2-Dichloroethane-d4 (Surr)		91		60 - 140

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

Client Sample ID: T-10-S75-D 15.0

Lab Sample ID: 720-10967-7

Date Sampled: 09/24/2007 1130

Client Matrix: Solid

Date Received: 09/25/2007 0918

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## 8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 720-26786	Instrument ID: Varian 3900A
Preparation:	5030B-Medium	Prep Batch: 720-26804	Lab File ID: c:\saturnws\data\200709\09
Dilution:	500		Initial Weight/Volume: 5.56 g
Date Analyzed:	09/27/2007 1926		Final Weight/Volume: 10 mL
Date Prepared:	09/27/2007 0000		

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Benzene		ND		2.2
Ethylbenzene		ND		2.2
Toluene		ND		2.2
MTBE		ND		2.2
Xylenes, Total		ND		4.5
Gasoline Range Organics (GRO)-C5-C12		2100		110
Surrogate		%Rec		Acceptance Limits
Toluene-d8 (Surr)		101		50 - 130
1,2-Dichloroethane-d4 (Surr)		103		60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

**Client Sample ID: T-10-S75-D 17.0**

Lab Sample ID: 720-10967-8

Date Sampled: 09/24/2007 1145

Client Matrix: Solid

Date Received: 09/25/2007 0918

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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: 5.38 g
Date Analyzed:	09/27/2007 1343		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
MTBE		ND		0.0046
Xylenes, Total		ND		0.0093
Gasoline Range Organics (GRO)-C5-C12		ND		0.23

Surrogate	%Rec	Acceptance Limits
Toluene-d8 (Surr)	96	70 - 130
1,2-Dichloroethane-d4 (Surr)	88	60 - 140

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

**Client Sample ID: T-10-S50-D 5.0**

Lab Sample ID: 720-10967-1  
Client Matrix: Solid

Date Sampled: 09/24/2007 1000  
Date Received: 09/25/2007 0918

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

Method:	8015B	Analysis Batch: 720-26776	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26649	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.29 g
Date Analyzed:	10/01/2007 1830		Final Weight/Volume:	5 mL
Date Prepared:	09/26/2007 0740		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		3.8		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	73	46 - 105



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

**Client Sample ID: T-10-S50-D 15.0**

Lab Sample ID: 720-10967-3

Date Sampled: 09/24/2007 1030

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method:	8015B	Analysis Batch: 720-26776	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26649	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.03 g
Date Analyzed:	10/01/2007 1924		Final Weight/Volume:	5 mL
Date Prepared:	09/26/2007 0740		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		30		1.0
Mineral Spirit Range Organics [C9-C13]		48		1.0
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		84		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

**Client Sample ID: T-10-S55-D 17.0**

Lab Sample ID: 720-10967-4

Date Sampled: 09/24/2007 1040

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method:	8015B	Analysis Batch: 720-26776	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26649	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.23 g
Date Analyzed:	10/01/2007 1950		Final Weight/Volume:	5 mL
Date Prepared:	09/26/2007 0740		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		46 - 105



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

**Client Sample ID: T-10-S75-D 5.0**

Lab Sample ID: 720-10967-5  
Client Matrix: Solid

Date Sampled: 09/24/2007 1100  
Date Received: 09/25/2007 0918

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

Method:	8015B	Analysis Batch: 720-26776	Instrument ID: HP DRO5
Preparation:	3550B	Prep Batch: 720-26649	Lab File ID: N/A
Dilution:	1.0		Initial Weight/Volume: 30.30 g
Date Analyzed:	10/01/2007 2017		Final Weight/Volume: 5 mL
Date Prepared:	09/26/2007 0740		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		79		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

**Client Sample ID: T-10-S75-D 10.0**

Lab Sample ID: 720-10967-6

Date Sampled: 09/24/2007 1115

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method:	8015B	Analysis Batch: 720-26776	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26649	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.49 g
Date Analyzed:	10/01/2007 2044		Final Weight/Volume:	5 mL
Date Prepared:	09/26/2007 0740		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		ND		0.98
Mineral Spirit Range Organics [C9-C13]		ND		0.98
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		80		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

**Client Sample ID: T-10-S75-D 15.0**

Lab Sample ID: 720-10967-7

Date Sampled: 09/24/2007 1130

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method:	8015B	Analysis Batch: 720-26776	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26649	Lab File ID:	N/A
Dilution:	5.0		Initial Weight/Volume:	30.06 g
Date Analyzed:	10/02/2007 1155		Final Weight/Volume:	5 mL
Date Prepared:	09/26/2007 0740		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		360		5.0
Mineral Spirit Range Organics [C9-C13]		580		5.0

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

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10967-1

**Client Sample ID: T-10-S75-D 17.0**

Lab Sample ID: 720-10967-8

Date Sampled: 09/24/2007 1145

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method:	8015B	Analysis Batch: 720-26776	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26649	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.23 g
Date Analyzed:	10/01/2007 2323		Final Weight/Volume:	5 mL
Date Prepared:	09/26/2007 0740		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		46 - 105

## DATA REPORTING QUALIFIERS

Client: San Joaquin Company Inc

Job Number: 720-10967-1

<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: 720-10967-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-26646</b>					
LCS 720-26646/2-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-26646/3-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26646/1-A	Method Blank	T	Solid	5030B	
720-10967-2	T-10-S50-D 10.0	T	Solid	5030B	
720-10967-4	T-10-S55-D 17.0	T	Solid	5030B	
720-10967-5	T-10-S75-D 5.0	T	Solid	5030B	
720-10967-6	T-10-S75-D 10.0	T	Solid	5030B	
<b>Analysis Batch:720-26666</b>					
LCS 720-26646/2-A	Lab Control Spike	T	Solid	8260B	720-26646
LCSD 720-26646/3-A	Lab Control Spike Duplicate	T	Solid	8260B	720-26646
MB 720-26646/1-A	Method Blank	T	Solid	8260B	720-26646
720-10967-2	T-10-S50-D 10.0	T	Solid	8260B	720-26646
720-10967-4	T-10-S55-D 17.0	T	Solid	8260B	720-26646
720-10967-5	T-10-S75-D 5.0	T	Solid	8260B	720-26646
720-10967-6	T-10-S75-D 10.0	T	Solid	8260B	720-26646
<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	
720-10967-1	T-10-S50-D 5.0	T	Solid	5030B	
720-10967-8	T-10-S75-D 17.0	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
720-10967-1	T-10-S50-D 5.0	T	Solid	8260B	720-26693
720-10967-8	T-10-S75-D 17.0	T	Solid	8260B	720-26693
<b>Analysis Batch:720-26786</b>					
LCS 720-26804/1-A	Lab Control Spike	T	Solid	8260B	720-26804
LCSD 720-26804/2-A	Lab Control Spike Duplicate	T	Solid	8260B	720-26804
MB 720-26804/3-A	Method Blank	T	Solid	8260B	720-26804
720-10967-3	T-10-S50-D 15.0	T	Solid	8260B	720-26804
720-10967-7	T-10-S75-D 15.0	T	Solid	8260B	720-26804
<b>Prep Batch: 720-26804</b>					
LCS 720-26804/1-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-26804/2-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26804/3-A	Method Blank	T	Solid	5030B	
720-10967-3	T-10-S50-D 15.0	T	Solid	5030B	
720-10967-7	T-10-S75-D 15.0	T	Solid	5030B	

TestAmerica San Francisco

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10967-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>Report Basis</b>					
T = Total					
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-26649</b>					
LCS 720-26649/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-26649/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-26649/1-A	Method Blank	T	Solid	3550B	
720-10967-1	T-10-S50-D 5.0	T	Solid	3550B	
720-10967-2	T-10-S50-D 10.0	T	Solid	3550B	
720-10967-3	T-10-S50-D 15.0	T	Solid	3550B	
720-10967-4	T-10-S55-D 17.0	T	Solid	3550B	
720-10967-4MS	Matrix Spike	T	Solid	3550B	
720-10967-4MSD	Matrix Spike Duplicate	T	Solid	3550B	
720-10967-5	T-10-S75-D 5.0	T	Solid	3550B	
720-10967-6	T-10-S75-D 10.0	T	Solid	3550B	
720-10967-7	T-10-S75-D 15.0	T	Solid	3550B	
720-10967-8	T-10-S75-D 17.0	T	Solid	3550B	
<b>Analysis Batch:720-26776</b>					
LCS 720-26649/2-A	Lab Control Spike	T	Solid	8015B	720-26649
LCSD 720-26649/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-26649
MB 720-26649/1-A	Method Blank	T	Solid	8015B	720-26649
720-10967-1	T-10-S50-D 5.0	T	Solid	8015B	720-26649
720-10967-2	T-10-S50-D 10.0	T	Solid	8015B	720-26649
720-10967-3	T-10-S50-D 15.0	T	Solid	8015B	720-26649
720-10967-4	T-10-S55-D 17.0	T	Solid	8015B	720-26649
720-10967-4MS	Matrix Spike	T	Solid	8015B	720-26649
720-10967-4MSD	Matrix Spike Duplicate	T	Solid	8015B	720-26649
720-10967-5	T-10-S75-D 5.0	T	Solid	8015B	720-26649
720-10967-6	T-10-S75-D 10.0	T	Solid	8015B	720-26649
720-10967-7	T-10-S75-D 15.0	T	Solid	8015B	720-26649
720-10967-8	T-10-S75-D 17.0	T	Solid	8015B	720-26649

**Report Basis**

T = Total

# Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10967-1

## Method Blank - Batch: 720-26646

Lab Sample ID: MB 720-26646/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/26/2007 0921  
Date Prepared: 09/26/2007 0718

Analysis Batch: 720-26666  
Prep Batch: 720-26646  
Units: mg/Kg

## Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\09  
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
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)	95	70 - 130	
1,2-Dichloroethane-d4 (Surr)	88	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: 720-10967-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26646**

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

LCS Lab Sample ID: LCS 720-26646/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/26/2007 0834  
Date Prepared: 09/26/2007 0718

Analysis Batch: 720-26666  
Prep Batch: 720-26646  
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 720-26646/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/26/2007 0857  
Date Prepared: 09/26/2007 0718

Analysis Batch: 720-26666  
Prep Batch: 720-26646  
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	96	100	69 - 129	4	20		
Toluene	100	104	70 - 130	4	20		
MTBE	98	101	65 - 165	3	20		
Gasoline Range Organics (GRO)-C5-C12	68	65	60 - 130	3	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	96		97		70 - 130		
1,2-Dichloroethane-d4 (Surr)	73		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: 720-10967-1

## Method Blank - Batch: 720-26693

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

## Method: 8260B Preparation: 5030B

Instrument ID: Varian 3900E  
Lab File ID: c:\varianws\data\200709\09  
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
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)	95	70 - 130	
1,2-Dichloroethane-d4 (Surr)	90	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: 720-10967-1

**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		
MTBE	97	95	65 - 165	2	20		
Gasoline Range Organics (GRO)-C5-C12	62	63	60 - 130	2	20		
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: 720-10967-1

### Method Blank - Batch: 720-26804

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

Lab Sample ID: MB 720-26804/3-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/27/2007 1005  
Date Prepared: 09/27/2007 0000

Analysis Batch: 720-26786  
Prep Batch: 720-26804  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\saturnws\data\200709\05  
Initial Weight/Volume: 5.0 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)	99	50 - 130
1,2-Dichloroethane-d4 (Surr)	105	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: 720-10967-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26804**

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

LCS Lab Sample ID: LCS 720-26804/1-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/27/2007 0920  
Date Prepared: 09/27/2007 0000

Analysis Batch: 720-26786  
Prep Batch: 720-26804  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200709\092  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-26804/2-A  
Client Matrix: Solid  
Dilution: 200  
Date Analyzed: 09/27/2007 0943  
Date Prepared: 09/27/2007 0000

Analysis Batch: 720-26786  
Prep Batch: 720-26804  
Units: mg/Kg

Instrument ID: Varian 3900A  
Lab File ID: c:\satumws\data\200709\092  
Initial Weight/Volume: 5.0 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	97	97	69 - 129	0	20		
Toluene	105	106	70 - 130	2	20		
MTBE	83	85	65 - 165	2	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
Toluene-d8 (Surr)	97		95		50 - 130		
1,2-Dichloroethane-d4 (Surr)	89		81		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: 720-10967-1

**Method Blank - Batch: 720-26649**

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

Lab Sample ID: MB 720-26649/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1022  
Date Prepared: 09/26/2007 0740

Analysis Batch: 720-26776  
Prep Batch: 720-26649  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.30 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	84	46 - 105	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26649**

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

LCS Lab Sample ID: LCS 720-26649/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1116  
Date Prepared: 09/26/2007 0740

Analysis Batch: 720-26776  
Prep Batch: 720-26649  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.20 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-26649/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1143  
Date Prepared: 09/26/2007 0740

Analysis Batch: 720-26776  
Prep Batch: 720-26649  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.30 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]	70	73	50 - 130	5	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	78	79			46 - 105		

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

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10967-1

**Matrix Spike/  
Matrix Spike Duplicate Recovery Report - Batch: 720-26649**

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

MS Lab Sample ID: 720-10967-4  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/01/2007 2349  
Date Prepared: 09/26/2007 0740

Analysis Batch: 720-26776  
Prep Batch: 720-26649

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.26 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

MSD Lab Sample ID: 720-10967-4  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 10/02/2007 0015  
Date Prepared: 09/26/2007 0740

Analysis Batch: 720-26776  
Prep Batch: 720-26649

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	<u>% Rec.</u>		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Diesel Range Organics [C10-C28]	80	75	50 - 130	6	30		
Surrogate		MS % Rec	MSD % Rec			Acceptance Limits	
p-Terphenyl		85	81			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: **720-10967**

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/JCD**

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.
<del>T-10-SSS-D10.0</del>	Soil	T-10	n/a	n/a	09/24/07	10:00	Analyze all samples for: TPH(g)+BTEX TPH(d) + Mineral Spirits	
<del>T-10-SSS-D10.0</del>						10:15		
<del>T-10-SSS-D15.0</del>						10:30		
<del>T-10-SSS-D17.0</del>						10:40		
<del>T-10-S75-D5.0</del>						11:00		
<del>T-10-S75-D10.0</del>						11:15		
<del>T-10-S75-D15.0</del>						11:30		
<del>T-10-S75-D17.0</del>						11:45		

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>Paul Watkins</i>	San Joaquin Co	—	—	09/25/07	09:18	<i>D. J. Watkins</i>
Received/ Relinquished by:							
Received/ Relinquished by:							
Received/ Relinquished by:							
Received at Laboratory by:	<i>Joan Muller</i>	TASA	9-25-07	9:18	—	—	<i>Joan Muller</i>



## ANALYTICAL REPORT

Job Number: 720-10969-1

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  
10/02/2007

**Job Narrative**  
**720-J10969-1**

**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 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: 720-10969-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
<b>720-10969-1</b>	<b>SG-7-5.0</b>				
Ethylbenzene		6.5	4.8	ug/Kg	8260B
Isopropylbenzene		5.0	4.8	ug/Kg	8260B
N-Propylbenzene		16	4.8	ug/Kg	8260B
1,2,4-Trimethylbenzene		19	4.8	ug/Kg	8260B
1,3,5-Trimethylbenzene		4.9	4.8	ug/Kg	8260B
Xylenes, Total		19	9.6	ug/Kg	8260B
Diesel Range Organics [C10-C28]		9.1	1.0	mg/Kg	8015B
<b>720-10969-2</b>	<b>SG-8-5.0</b>				
Diesel Range Organics [C10-C28]		10	0.99	mg/Kg	8015B
<b>720-10969-3</b>	<b>SG-9-5.0</b>				
Diesel Range Organics [C10-C28]		6.0	0.99	mg/Kg	8015B
<b>720-10969-4</b>	<b>SG-10-5.0</b>				
Acetone		82	50	ug/Kg	8260B
Benzene		21	5.0	ug/Kg	8260B
n-Butylbenzene		18	5.0	ug/Kg	8260B
sec-Butylbenzene		19	5.0	ug/Kg	8260B
Ethylbenzene		41	5.0	ug/Kg	8260B
Isopropylbenzene		49	5.0	ug/Kg	8260B
Naphthalene		14	10	ug/Kg	8260B
N-Propylbenzene		190	5.0	ug/Kg	8260B
1,2,4-Trimethylbenzene		99	5.0	ug/Kg	8260B
1,3,5-Trimethylbenzene		22	5.0	ug/Kg	8260B
Xylenes, Total		96	10	ug/Kg	8260B
Diesel Range Organics [C10-C28]		33	1.0	mg/Kg	8015B
Mineral Spirit Range Organics [C9-C13]		4.8	1.0	mg/Kg	8015B

## METHOD SUMMARY

Client: San Joaquin Company Inc

Job Number: 720-10969-1

<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: 720-10969-1

<b>Lab Sample ID</b>	<b>Client Sample ID</b>	<b>Client Matrix</b>	<b>Date/Time Sampled</b>	<b>Date/Time Received</b>
720-10969-1	SG-7-5.0	Solid	09/24/2007 1030	09/25/2007 0918
720-10969-2	SG-8-5.0	Solid	09/24/2007 0900	09/25/2007 0918
720-10969-3	SG-9-5.0	Solid	09/24/2007 0947	09/25/2007 0918
720-10969-4	SG-10-5.0	Solid	09/24/2007 1135	09/25/2007 0918

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10969-1

**Client Sample ID: SG-7-5.0**

Lab Sample ID: 720-10969-1  
Client Matrix: Solid

Date Sampled: 09/24/2007 1030  
Date Received: 09/25/2007 0918

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

Method:	8260B	Analysis Batch: 720-26771	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-26724	Lab File ID: 092707023.D
Dilution:	1.0		Initial Weight/Volume: 5.20 g
Date Analyzed:	09/27/2007 2029		Final Weight/Volume: 10 mL
Date Prepared:	09/27/2007 1130		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.8
Acetone		ND		48
Benzene		ND		4.8
Dichlorobromomethane		ND		4.8
Bromobenzene		ND		4.8
Chlorobromomethane		ND		19
Bromoform		ND		4.8
Bromomethane		ND		9.6
2-Butanone (MEK)		ND		48
n-Butylbenzene		ND		4.8
sec-Butylbenzene		ND		4.8
tert-Butylbenzene		ND		4.8
Carbon disulfide		ND		4.8
Carbon tetrachloride		ND		4.8
Chlorobenzene		ND		4.8
Chloroethane		ND		9.6
Chloroform		ND		4.8
Chloromethane		ND		9.6
2-Chlorotoluene		ND		4.8
4-Chlorotoluene		ND		4.8
Chlorodibromomethane		ND		4.8
1,2-Dichlorobenzene		ND		4.8
1,3-Dichlorobenzene		ND		4.8
1,4-Dichlorobenzene		ND		4.8
1,3-Dichloropropane		ND		4.8
1,1-Dichloropropene		ND		4.8
1,2-Dibromo-3-Chloropropane		ND		48
Ethylene Dibromide		ND		4.8
Dibromomethane		ND		9.6
Dichlorodifluoromethane		ND		9.6
1,1-Dichloroethane		ND		4.8
1,2-Dichloroethane		ND		4.8
1,1-Dichloroethene		ND		4.8
cis-1,2-Dichloroethene		ND		4.8
trans-1,2-Dichloroethene		ND		4.8
1,2-Dichloropropane		ND		4.8
cis-1,3-Dichloropropene		ND		4.8
trans-1,3-Dichloropropene		ND		4.8
Ethylbenzene		6.5		4.8
Hexachlorobutadiene		ND		4.8
2-Hexanone		ND		48
Isopropylbenzene		5.0		4.8
4-Isopropyltoluene		ND		4.8
Methylene Chloride		ND		9.6

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10969-1

**Client Sample ID: SG-7-5.0**

Lab Sample ID: 720-10969-1  
Client Matrix: Solid

Date Sampled: 09/24/2007 1030  
Date Received: 09/25/2007 0918

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

Method:	8260B	Analysis Batch: 720-26771	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-26724	Lab File ID: 092707023.D
Dilution:	1.0		Initial Weight/Volume: 5.20 g
Date Analyzed:	09/27/2007 2029		Final Weight/Volume: 10 mL
Date Prepared:	09/27/2007 1130		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		48
Naphthalene		ND		9.6
N-Propylbenzene		16		4.8
Styrene		ND		4.8
1,1,1,2-Tetrachloroethane		ND		4.8
1,1,2,2-Tetrachloroethane		ND		4.8
Tetrachloroethene		ND		4.8
Toluene		ND		4.8
1,2,3-Trichlorobenzene		ND		4.8
1,2,4-Trichlorobenzene		ND		4.8
1,1,1-Trichloroethane		ND		4.8
1,1,2-Trichloroethane		ND		4.8
Trichloroethene		ND		4.8
Trichlorofluoromethane		ND		4.8
1,2,3-Trichloropropane		ND		4.8
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.8
1,2,4-Trimethylbenzene		19		4.8
1,3,5-Trimethylbenzene		4.9		4.8
Vinyl acetate		ND		48
Vinyl chloride		ND		4.8
Xylenes, Total		19		9.6
2,2-Dichloropropane		ND		4.8
Surrogate		%Rec		Acceptance Limits
4-Bromofluorobenzene		72		60 - 140
1,2-Dichloroethane-d4 (Surr)		97		60 - 140
Toluene-d8 (Surr)		85		70 - 130

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10969-1

Client Sample ID: SG-8-5.0

Lab Sample ID: 720-10969-2

Date Sampled: 09/24/2007 0900

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method: 8260B Analysis Batch: 720-26771 Instrument ID: Agilent 75MSD  
Preparation: 5030B Prep Batch: 720-26724 Lab File ID: 092707024.D  
Dilution: 1.0 Initial Weight/Volume: 5.02 g  
Date Analyzed: 09/27/2007 2055 Final Weight/Volume: 10 mL  
Date Prepared: 09/27/2007 1130

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: 720-10969-1

**Client Sample ID: SG-8-5.0**

Lab Sample ID: 720-10969-2  
Client Matrix: Solid

Date Sampled: 09/24/2007 0900  
Date Received: 09/25/2007 0918

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

Method:	8260B	Analysis Batch: 720-26771	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-26724	Lab File ID: 092707024.D
Dilution:	1.0		Initial Weight/Volume: 5.02 g
Date Analyzed:	09/27/2007 2055		Final Weight/Volume: 10 mL
Date Prepared:	09/27/2007 1130		

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		87		60 - 140
1,2-Dichloroethane-d4 (Surr)		100		60 - 140
Toluene-d8 (Surr)		90		70 - 130

# Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10969-1

Client Sample ID: SG-9-5.0

Lab Sample ID: 720-10969-3

Date Sampled: 09/24/2007 0947

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method: 8260B Analysis Batch: 720-26771 Instrument ID: Agilent 75MSD  
Preparation: 5030B Prep Batch: 720-26724 Lab File ID: 092707025.D  
Dilution: 1.0 Initial Weight/Volume: 5.17 g  
Date Analyzed: 09/27/2007 2120 Final Weight/Volume: 10 mL  
Date Prepared: 09/27/2007 1130

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		4.8
Acetone		ND		48
Benzene		ND		4.8
Dichlorobromomethane		ND		4.8
Bromobenzene		ND		4.8
Chlorobromomethane		ND		19
Bromoform		ND		4.8
Bromomethane		ND		9.7
2-Butanone (MEK)		ND		48
n-Butylbenzene		ND		4.8
sec-Butylbenzene		ND		4.8
tert-Butylbenzene		ND		4.8
Carbon disulfide		ND		4.8
Carbon tetrachloride		ND		4.8
Chlorobenzene		ND		4.8
Chloroethane		ND		9.7
Chloroform		ND		4.8
Chloromethane		ND		9.7
2-Chlorotoluene		ND		4.8
4-Chlorotoluene		ND		4.8
Chlorodibromomethane		ND		4.8
1,2-Dichlorobenzene		ND		4.8
1,3-Dichlorobenzene		ND		4.8
1,4-Dichlorobenzene		ND		4.8
1,3-Dichloropropane		ND		4.8
1,1-Dichloropropene		ND		4.8
1,2-Dibromo-3-Chloropropane		ND		48
Ethylene Dibromide		ND		4.8
Dibromomethane		ND		9.7
Dichlorodifluoromethane		ND		9.7
1,1-Dichloroethane		ND		4.8
1,2-Dichloroethane		ND		4.8
1,1-Dichloroethene		ND		4.8
cis-1,2-Dichloroethene		ND		4.8
trans-1,2-Dichloroethene		ND		4.8
1,2-Dichloropropane		ND		4.8
cis-1,3-Dichloropropene		ND		4.8
trans-1,3-Dichloropropene		ND		4.8
Ethylbenzene		ND		4.8
Hexachlorobutadiene		ND		4.8
2-Hexanone		ND		48
Isopropylbenzene		ND		4.8
4-Isopropyltoluene		ND		4.8
Methylene Chloride		ND		9.7

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10969-1

**Client Sample ID: SG-9-5.0**

Lab Sample ID: 720-10969-3  
Client Matrix: Solid

Date Sampled: 09/24/2007 0947  
Date Received: 09/25/2007 0918

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

Method:	8260B	Analysis Batch: 720-26771	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-26724	Lab File ID: 092707025.D
Dilution:	1.0		Initial Weight/Volume: 5.17 g
Date Analyzed:	09/27/2007 2120		Final Weight/Volume: 10 mL
Date Prepared:	09/27/2007 1130		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		48
Naphthalene		ND		9.7
N-Propylbenzene		ND		4.8
Styrene		ND		4.8
1,1,1,2-Tetrachloroethane		ND		4.8
1,1,2,2-Tetrachloroethane		ND		4.8
Tetrachloroethene		ND		4.8
Toluene		ND		4.8
1,2,3-Trichlorobenzene		ND		4.8
1,2,4-Trichlorobenzene		ND		4.8
1,1,1-Trichloroethane		ND		4.8
1,1,2-Trichloroethane		ND		4.8
Trichloroethene		ND		4.8
Trichlorofluoromethane		ND		4.8
1,2,3-Trichloropropane		ND		4.8
1,1,2-Trichloro-1,2,2-trifluoroethane		ND		4.8
1,2,4-Trimethylbenzene		ND		4.8
1,3,5-Trimethylbenzene		ND		4.8
Vinyl acetate		ND		48
Vinyl chloride		ND		4.8
Xylenes, Total		ND		9.7
2,2-Dichloropropane		ND		4.8
Surrogate		%Rec		Acceptance Limits
4-Bromofluorobenzene		88		60 - 140
1,2-Dichloroethane-d4 (Surr)		96		60 - 140
Toluene-d8 (Surr)		89		70 - 130

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10969-1

**Client Sample ID: SG-10-5.0**

Lab Sample ID: 720-10969-4  
Client Matrix: Solid

Date Sampled: 09/24/2007 1135  
Date Received: 09/25/2007 0918

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

Method:	8260B	Analysis Batch: 720-26771	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-26724	Lab File ID: 092707026.D
Dilution:	1.0		Initial Weight/Volume: 5.00 g
Date Analyzed:	09/27/2007 2145		Final Weight/Volume: 10 mL
Date Prepared:	09/27/2007 1130		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
Methyl tert-butyl ether		ND		5.0
Acetone		82		50
Benzene		21		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		18		5.0
sec-Butylbenzene		19		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		41		5.0
Hexachlorobutadiene		ND		5.0
2-Hexanone		ND		50
Isopropylbenzene		49		5.0
4-Isopropyltoluene		ND		5.0
Methylene Chloride		ND		10

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10969-1

**Client Sample ID: SG-10-5.0**

Lab Sample ID: 720-10969-4  
Client Matrix: Solid

Date Sampled: 09/24/2007 1135  
Date Received: 09/25/2007 0918

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

Method:	8260B	Analysis Batch: 720-26771	Instrument ID: Agilent 75MSD
Preparation:	5030B	Prep Batch: 720-26724	Lab File ID: 092707026.D
Dilution:	1.0		Initial Weight/Volume: 5.00 g
Date Analyzed:	09/27/2007 2145		Final Weight/Volume: 10 mL
Date Prepared:	09/27/2007 1130		

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	RL
4-Methyl-2-pentanone (MIBK)		ND		50
Naphthalene		14		10
N-Propylbenzene		190		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		99		5.0
1,3,5-Trimethylbenzene		22		5.0
Vinyl acetate		ND		50
Vinyl chloride		ND		5.0
Xylenes, Total		96		10
2,2-Dichloropropane		ND		5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	83	60 - 140
1,2-Dichloroethane-d4 (Surr)	94	60 - 140
Toluene-d8 (Surr)	86	70 - 130



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10969-1

**Client Sample ID: SG-8-5.0**

Lab Sample ID: 720-10969-2

Date Sampled: 09/24/2007 0900

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method:	8015B	Analysis Batch: 720-26776	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26649	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.30 g
Date Analyzed:	10/01/2007 1643		Final Weight/Volume:	5 mL
Date Prepared:	09/26/2007 0740		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		10		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		70		46 - 105

## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10969-1

**Client Sample ID: SG-9-5.0**

Lab Sample ID: 720-10969-3

Date Sampled: 09/24/2007 0947

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method:	8015B	Analysis Batch: 720-26776	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26649	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.35 g
Date Analyzed:	10/01/2007 1710		Final Weight/Volume:	5 mL
Date Prepared:	09/26/2007 0740		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		6.0		0.99
Mineral Spirit Range Organics [C9-C13]		ND		0.99
Surrogate		%Rec		Acceptance Limits
p-Terphenyl		69		46 - 105



## Analytical Data

Client: San Joaquin Company Inc

Job Number: 720-10969-1

**Client Sample ID: SG-10-5.0**

Lab Sample ID: 720-10969-4

Date Sampled: 09/24/2007 1135

Client Matrix: Solid

Date Received: 09/25/2007 0918

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

Method:	8015B	Analysis Batch: 720-26776	Instrument ID:	HP DRO5
Preparation:	3550B	Prep Batch: 720-26649	Lab File ID:	N/A
Dilution:	1.0		Initial Weight/Volume:	30.04 g
Date Analyzed:	10/01/2007 1737		Final Weight/Volume:	5 mL
Date Prepared:	09/26/2007 0740		Injection Volume:	
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
Diesel Range Organics [C10-C28]		33		1.0
Mineral Spirit Range Organics [C9-C13]		4.8		1.0

Surrogate	%Rec	Acceptance Limits
p-Terphenyl	66	46 - 105

## 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: 720-10969-1

### QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
<b>GC/MS VOA</b>					
<b>Prep Batch: 720-26724</b>					
LCS 720-26724/1-A	Lab Control Spike	T	Solid	5030B	
LCSD 720-26724/2-A	Lab Control Spike Duplicate	T	Solid	5030B	
MB 720-26724/3-A	Method Blank	T	Solid	5030B	
720-10969-1	SG-7-5.0	T	Solid	5030B	
720-10969-2	SG-8-5.0	T	Solid	5030B	
720-10969-3	SG-9-5.0	T	Solid	5030B	
720-10969-4	SG-10-5.0	T	Solid	5030B	
<b>Analysis Batch:720-26771</b>					
LCS 720-26724/1-A	Lab Control Spike	T	Solid	8260B	720-26724
LCSD 720-26724/2-A	Lab Control Spike Duplicate	T	Solid	8260B	720-26724
MB 720-26724/3-A	Method Blank	T	Solid	8260B	720-26724
720-10969-1	SG-7-5.0	T	Solid	8260B	720-26724
720-10969-2	SG-8-5.0	T	Solid	8260B	720-26724
720-10969-3	SG-9-5.0	T	Solid	8260B	720-26724
720-10969-4	SG-10-5.0	T	Solid	8260B	720-26724
<b>Report Basis</b>					
T = Total					
<b>GC Semi VOA</b>					
<b>Prep Batch: 720-26649</b>					
LCS 720-26649/2-A	Lab Control Spike	T	Solid	3550B	
LCSD 720-26649/3-A	Lab Control Spike Duplicate	T	Solid	3550B	
MB 720-26649/1-A	Method Blank	T	Solid	3550B	
720-10969-1	SG-7-5.0	T	Solid	3550B	
720-10969-2	SG-8-5.0	T	Solid	3550B	
720-10969-3	SG-9-5.0	T	Solid	3550B	
720-10969-4	SG-10-5.0	T	Solid	3550B	
<b>Analysis Batch:720-26776</b>					
LCS 720-26649/2-A	Lab Control Spike	T	Solid	8015B	720-26649
LCSD 720-26649/3-A	Lab Control Spike Duplicate	T	Solid	8015B	720-26649
MB 720-26649/1-A	Method Blank	T	Solid	8015B	720-26649
720-10969-1	SG-7-5.0	T	Solid	8015B	720-26649
720-10969-2	SG-8-5.0	T	Solid	8015B	720-26649
720-10969-3	SG-9-5.0	T	Solid	8015B	720-26649
720-10969-4	SG-10-5.0	T	Solid	8015B	720-26649
<b>Report Basis</b>					
T = Total					

## Quality Control Results

Client: San Joaquin Company Inc

Job Number: 720-10969-1

### Method Blank - Batch: 720-26724

Method: 8260B  
Preparation: 5030B

Lab Sample ID: MB 720-26724/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1254  
Date Prepared: 09/27/2007 1130

Analysis Batch: 720-26771  
Prep Batch: 720-26724  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 092707005.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: 720-10969-1

**Method Blank - Batch: 720-26724**

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

Lab Sample ID: MB 720-26724/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1254  
Date Prepared: 09/27/2007 1130

Analysis Batch: 720-26771  
Prep Batch: 720-26724  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 092707005.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)	109	60 - 140	
Toluene-d8 (Surr)	106	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: 720-10969-1

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26724**

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

LCS Lab Sample ID: LCS 720-26724/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1204  
Date Prepared: 09/27/2007 1130

Analysis Batch: 720-26771  
Prep Batch: 720-26724  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 092707003.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

LCSD Lab Sample ID: LCSD 720-26724/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1229  
Date Prepared: 09/27/2007 1130

Analysis Batch: 720-26771  
Prep Batch: 720-26724  
Units: ug/Kg

Instrument ID: Agilent 75MSD  
Lab File ID: 092707004.D  
Initial Weight/Volume: 5 g  
Final Weight/Volume: 10 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Benzene	108	108	69 - 129	0	20		
Chlorobenzene	107	107	61 - 121	0	20		
1,1-Dichloroethene	117	117	65 - 125	0	20		
Toluene	109	109	70 - 130	1	20		
Trichloroethene	105	104	74 - 134	1	20		
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
4-Bromofluorobenzene	106		108		60 - 140		
1,2-Dichloroethane-d4 (Surr)	99		101		60 - 140		
Toluene-d8 (Surr)	98		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: 720-10969-1

**Method Blank - Batch: 720-26649**

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

Lab Sample ID: MB 720-26649/1-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1022  
Date Prepared: 09/26/2007 0740

Analysis Batch: 720-26776  
Prep Batch: 720-26649  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.30 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	84	46 - 105	

**Lab Control Spike/  
Lab Control Spike Duplicate Recovery Report - Batch: 720-26649**

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

LCS Lab Sample ID: LCS 720-26649/2-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1116  
Date Prepared: 09/26/2007 0740

Analysis Batch: 720-26776  
Prep Batch: 720-26649  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.20 g  
Final Weight/Volume: 5 mL  
Injection Volume:  
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 720-26649/3-A  
Client Matrix: Solid  
Dilution: 1.0  
Date Analyzed: 09/27/2007 1143  
Date Prepared: 09/26/2007 0740

Analysis Batch: 720-26776  
Prep Batch: 720-26649  
Units: mg/Kg

Instrument ID: HP DRO5  
Lab File ID: N/A  
Initial Weight/Volume: 30.30 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]	70	73	50 - 130	5	30		
<hr/>							
Surrogate	LCS % Rec		LCSD % Rec		Acceptance Limits		
p-Terphenyl	78	79			46 - 105		

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





# STL

## 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: E7I260317A  
NELAP Certification Number: 01118CA/E87652  
PO/CONTRACT: 720-10966

Surinder Sidhu  
TestAmerica San Francisco  
1220 Quarry Lane  
Pleasanton, CA 94566

Dear Ms. Surinder Sidhu,

This **amended** report contains the analytical results for the five samples received under chain of custody by TestAmerica Los Angeles, on September 26, 2007. These samples are associated with your 720-10966 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 000033 pages in this report.

2

L.A.

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

**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)

ETI 260317 Reference #: 720-109

Date 9-25-07 Page 1 of 1

## Report To Analysis Request

Attn: S. Sidu  
 Company: TALSF  
 Address: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Email: \_\_\_\_\_  
 Bill To: \_\_\_\_\_ Sampled By: \_\_\_\_\_  
 Attn: \_\_\_\_\_ Phone: \_\_\_\_\_

TPH EPA - <input type="checkbox"/> 8015/8021 <input type="checkbox"/> 8260B	Purgeable Aromatics	TEPH EPA 8015M* <input type="checkbox"/> Silica Gel	Semivolatiles GC/MS	Oil and Grease	Pesticides	PNAAs by	CAM17 Metals	Metals:	Low Level Metals by EPA 200.8/6020 (ICP-MS):	W.E.T (STLC)	Hexavalent Chromium	Spec Cond.	Alkalinity	Antions:
<input type="checkbox"/> Gas w/ <input type="checkbox"/> BTEX <input type="checkbox"/> MTBE	BTEX EPA - <input type="checkbox"/> 8021 <input type="checkbox"/> 8260B	<input type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other	<input type="checkbox"/> EPA 8270 <input type="checkbox"/> 625 *	(EPA 1664) <input type="checkbox"/> Total	<input type="checkbox"/> EPA 8081 <input type="checkbox"/> 608 <input type="checkbox"/> EPA 8082 <input type="checkbox"/> 608	<input type="checkbox"/> 8270 <input type="checkbox"/> 8310	(EPA 6010/7470/7471)	<input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other:		<input type="checkbox"/> TCLP	pH (24h hold time for H <sub>2</sub> O)	<input type="checkbox"/> TDS <input type="checkbox"/>	<input type="checkbox"/> NO <sub>3</sub> <input type="checkbox"/> F <input type="checkbox"/> NO <sub>2</sub> <input type="checkbox"/> PO <sub>4</sub>	

Sample ID	Date	Time	Mat rx	Pres erv.
SG-7	9/24/07	10:12		6:28
SG-8	9/24/07	8:46		8:17
SG-9	9/24/07	9:56		9:46
SG-10	9/24/07	11:25		11:45

↓  
Time start      Time stop

XX XX TD-15

**Project Info.**  
 Project Name: Oak Walk  
 Project#: \_\_\_\_\_  
 PO#: \_\_\_\_\_  
 Credit Card#: \_\_\_\_\_

**Sample Receipt**  
 # of Containers: \_\_\_\_\_  
 Head Space: \_\_\_\_\_  
 Temp: \_\_\_\_\_  
 Conforms to record: \_\_\_\_\_

1) Relinquished by:  
 Signature: [Signature] Time: 12:30  
 Printed Name: T. Bullock Date: 9/25/07  
 Company: TALSF

2) Relinquished by:  
 Signature: \_\_\_\_\_ Time: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_

3) Relinquished by:  
 Signature: \_\_\_\_\_ Time: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_

TAT 5 Day 72h 48h 24h Other: \_\_\_\_\_

Report:  Routine  Level 3  Level 4  EDD  State Tank Fund EDF  Global ID \_\_\_\_\_  
 Special Instructions / Comments: Soma Commission  
The San Joaquin Co.  
 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 C<sub>10</sub>-C<sub>28</sub>  
720-10966

1) Received by:  
 Signature: [Signature] Time: 0940  
 Printed Name: Steve Gonzales Date: 9/26/07  
 Company: TA LA

2) Received by:  
 Signature: \_\_\_\_\_ Time: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_

3) Received by:  
 Signature: \_\_\_\_\_ Time: \_\_\_\_\_  
 Printed Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_

# CANISTER QC CERTIFICATION



Certification Type: TO-15 ML

Date Cleaned/Batch 080707B

Date of QC 8-16-07

Data File Number MB08162 (MSA)

### CANISTER ID NUMBERS

\*1807D /

1847D

1849D /

1876D /

1883D /

1873D ✓

1850D

1866D

1855D

1865D

1846D

1878D

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.**

AA  
Reviewed By:

8/16/07  
Date:

N:\COINDOCSTestAmerica DOCs\Can QC Cert 20070712.doc

STL Los Angeles

AIR TOXICS - TO-14A/TO-15 MEDIUM LEVEL

Data file : \\LAPC056\MSA\_DD\CHEM\GCMSA.I\070816.B\MB08162.D  
 Lab Smp Id: BLANK Client Smp ID: 1807D  
 Inj Date : 16-AUG-2007 16:34  
 Operator : DS Inst ID: gcmsa.i  
 Smp Info : BLANK,1807D,,METHOD BLANK  
 Misc Info : 1,1,500,500,3,,BLANK,BLANK.SUB,0,  
 Comment :  
 Method : \\LAPC056\MSA\_DD\CHEM\GCMSA.I\070816.B\TO14A.m  
 Meth Date : 16-Aug-2007 13:00 schiesseld Quant Type: ISTD  
 Cal Date : 15-AUG-2007 10:31 Cal File: IC08147A.D  
 Als bottle: 1 QC Sample: BLANK  
 Dil Factor: 1.00000  
 Integrator: HP RTE Compound Sublist: BLANK.SUB  
 Subtraction File: \\LAPC056\MSA\_DD  
 Target Version: 4.00  
 Processing Host: LAPC056

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	
	MASS						ON-COLUMN ( ppbv)	FINAL ( ppbv)
* 58 Bromochloromethane	49		8.445	8.399	(1.000)	672228	50.0000	
\$ 65 1,2-Dichloroethane-d4	65		9.436	9.390	(0.926)	416973	36.7033	36.70
* 74 1,4-Difluorobenzene	114		10.192	10.155	(1.000)	1530261	50.0000	
\$ 87 Toluene-d8	100		12.731	12.713	(1.249)	791511	49.3550	49.35
* 100 Chlorobenzene-d5	117		15.343	15.324	(1.000)	1231007	50.0000	
\$ 113 4-Bromofluorobenzene	95		17.558	17.539	(1.144)	1193449	48.9045	48.90 (Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Date : 16-AUG-2007 16:34

Client ID: 1807D

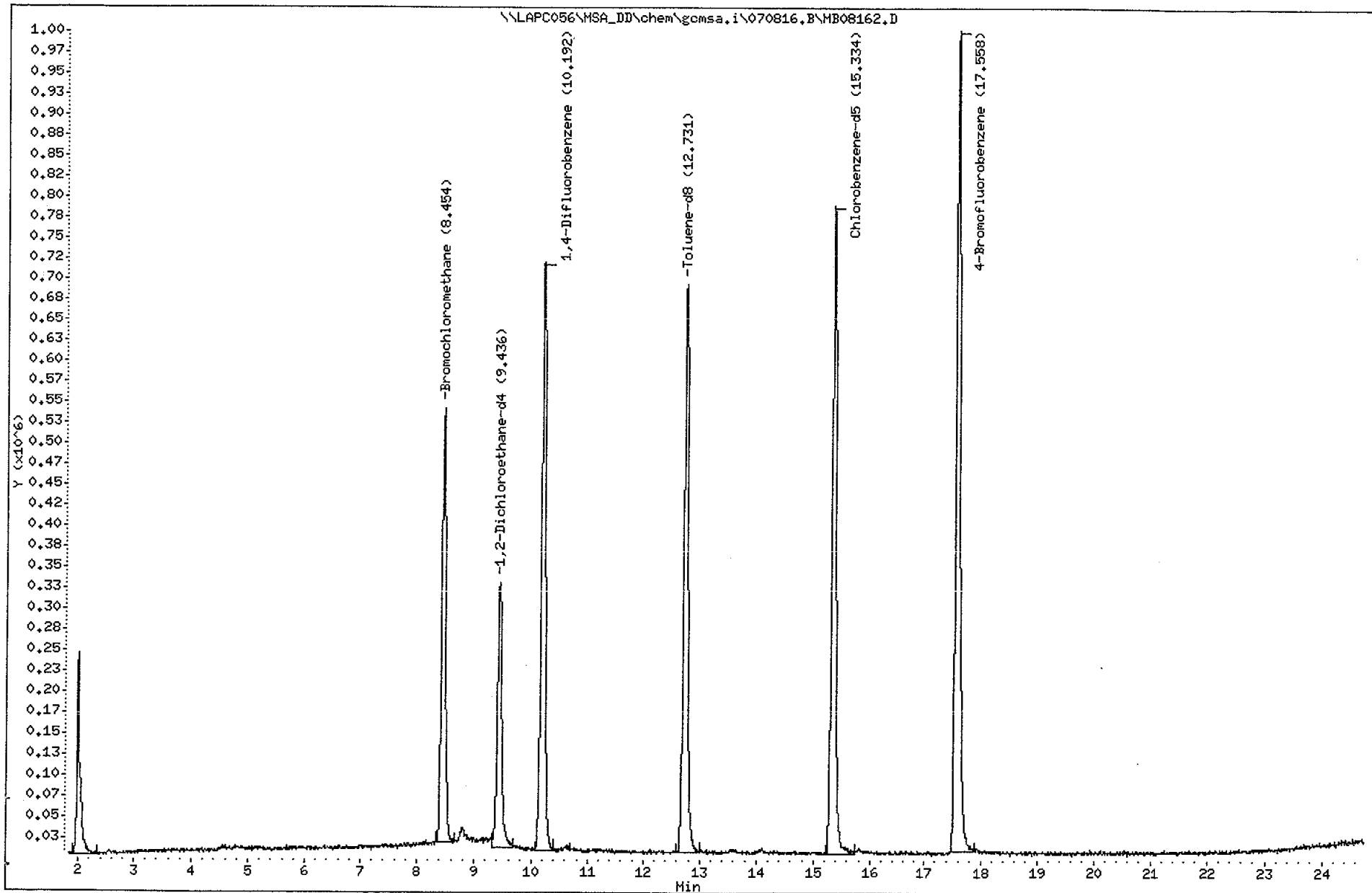
Sample Info: BLANK,1807D,,METHOD BLANK

Instrument: gomsa.i

Operator: DS

Column diameter: 0.53

Column phase: J&W DB-624



### CANISTER FIELD DATA RECORD

CLIENT: SAN JOAQUIN CO. / TA-PLSAS  
 CANISTER SERIAL #: 1807 D  
 DATE CLEANED: 8-7-07B  
 CLIENT SAMPLE #: SG-7  
 SITE LOCATION: OAK WALK, EMERYVILLE, CA.

VFR ID: HF023  
 Duration of comp. : — hrs./mins.  
 Flow setting: ~150.0 ml/min  
 Initials: (X)

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	9/20/07	(X)
INITIAL FIELD VACUUM	10:12 <del>2:23</del>	-30"	<del>509/24/07</del>	D. J. W.
FINAL FIELD READING	10:23" <del>2:23</del>	-5"	09/24/07	D. J. W.
GAUGE READING UPON RECEIPT			09/21/07	D. J. W.

#### LABORATORY CANISTER PRESSURIZATION

INITIAL VACUUM (inches Hg and PSIA)	12.36	9/27/07	X
FINAL PRESSURE (PSIA)	24.95	9/27/07	Z

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-PLSAS.  
 CANISTER SERIAL #: 1876D  
 DATE CLEANED: 8-7-07B  
 CLIENT SAMPLE #: SS-8  
 SITE LOCATION: DAK WALK ENERGY CO.

VFR ID: HF 098  
 Duration of comp. : — hrs./mins.  
 Flow setting: ~150.0 ml/min  
 Initials: (Signature)

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	9/20/07	(Signature)
INITIAL FIELD VACUUM	08:46	-13.75 psi	09/24/07	D. J. W.
FINAL FIELD READING	08:47 <del>08:40</del>	-2.46 psi	09/24/07	D. J. W.
GAUGE READING UPON RECEIPT			09/21/07	D. J. W.

#### LABORATORY CANISTER PRESSURIZATION

INITIAL VACUUM (inches Hg and PSIA)	12.20	9/27/07	JL
FINAL PRESSURE (PSIA)	23.82	9/27/07	Z

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-PLSAS.  
 CANISTER SERIAL #: 18490  
 DATE CLEANED: 8-7-07B  
 CLIENT SAMPLE #: SG-9  
 SITE LOCATION: OAK WALK, EMERYVILLE, CA.

VFR ID: HF019  
 Duration of comp.: — hrs./mins.  
 Flow setting: ~150.0 ml/min  
 Initials: (Signature)

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	9/20/07	(Signature)
INITIAL FIELD VACUUM	09:37	-30"	09/24/07	D/W
FINAL FIELD READING	09:46	-5"	09/24/07	D/W
GAUGE READING UPON RECEIPT			09/21/07	D/W

#### LABORATORY CANISTER PRESSURIZATION

INITIAL VACUUM (inches Hg and PSIA)	12.40	9/27/07	X
FINAL PRESSURE (PSIA)	25.50	9/27/07	Z

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-PLSAS.  
 CANISTER SERIAL #: 1873D  
 DATE CLEANED: 8-7-07B  
 CLIENT SAMPLE #: SG-10  
 SITE LOCATION: DAIKWALK, EMERYVILLE, CA.

VFR ID: HF  
 Duration of comp.:      hrs./mins.  
 Flow setting: ~150.0 ml/min  
 Initials: (Signature)

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	9/20/07	(Signature)
INITIAL FIELD VACUUM	11:25	-30"	09/24/07	(Signature)
FINAL FIELD READING	11:45	-5"	09/24/07	(Signature)
GAUGE READING UPON RECEIPT			09/21/07	(Signature)

LABORATORY CANISTER PRESSURIZATION			
INITIAL VACUUM (inches Hg and PSIA)	13.20	9/27/07	(Signature)
FINAL PRESSURE (PSIA)	24.90	9/27/07	(Signature)

Pressurization Gas: N<sub>2</sub>

COMMENTS:	COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
	<u>THIS CANISTER NOT DELIVERED TO THE SAN JOAQUIN CO.</u>	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

DNA

### CANISTER FIELD DATA RECORD

CLIENT: SAN JOAQUIN CO. / TA-PLSAS.  
 CANISTER SERIAL #: 1883 D  
 DATE CLEANED: 8-7-07B  
 CLIENT SAMPLE #: PURGE Canister  
 SITE LOCATION: DAK DAK, EMERYVILLE, CA.

VFR ID: HF 110  
 Duration of comp.: — hrs./mins.  
 Flow setting: ~150.0 ml/min  
 Initials: (Signature)

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	9/20/07	(Signature)
INITIAL FIELD VACUUM	08:34	-30"	09/24/07	(Signature)
FINAL FIELD READING	—	—	—	—
GAUGE READING UPON RECEIPT			09/21/07	(Signature)

#### LABORATORY CANISTER PRESSURIZATION

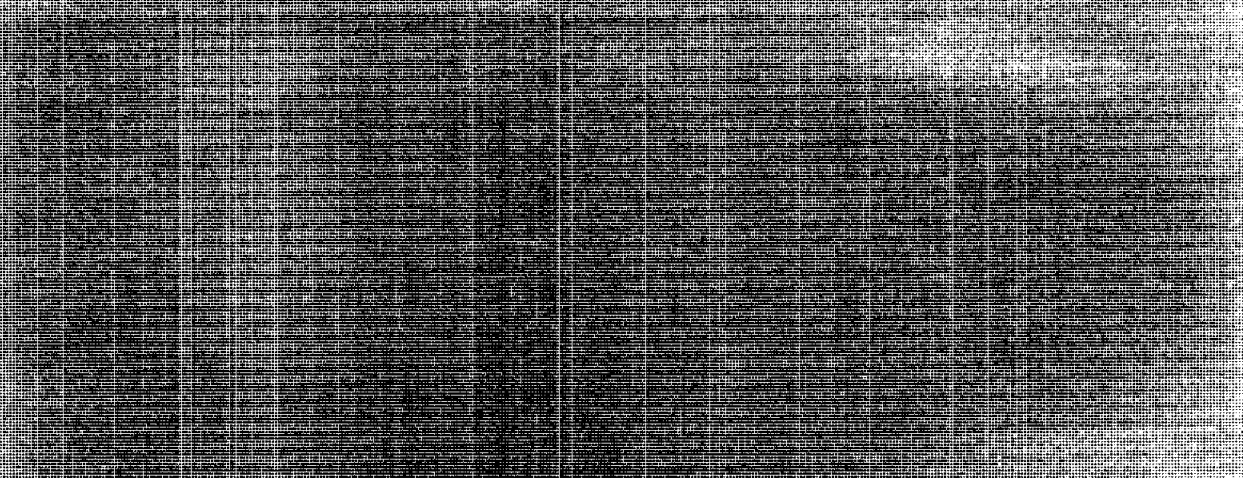
INITIAL VACUUM (inches Hg and PSIA)	12.80	9/27/07	X
FINAL PRESSURE (PSIA)	24.91	9/27/07	Z

Pressurization Gas: N<sub>2</sub>

COMMENTS:	COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
	<u>CANISTER USED AS PURGE VESSEL. NOT USED FOR SAMPLING.</u>	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

STL

# Analytical Report



# **ANALYTICAL REPORT**

**PROJECT NO. The San Joaquin Co**

**Oak Walk**

**Lot #: E7I260317**

**Surinder Sidhu**

**TestAmerica San Francisco**

**TESTAMERICA LABORATORIES, INC.**

**Terry Swart**  
Project Manager

**December 3, 2007**

# EXECUTIVE SUMMARY - Detection Highlights

E7I260317

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
<b>SG-7 09/24/07 10:12 001</b>				
Acetone	220	24	ug/m3	EPA-2 TO-15
Benzene	35	9.6	ug/m3	EPA-2 TO-15
2-Butanone (MEK)	58	29	ug/m3	EPA-2 TO-15
Carbon disulfide	47	31	ug/m3	EPA-2 TO-15
Methylene chloride	9.3	6.9	ug/m3	EPA-2 TO-15
Toluene	9.6	7.5	ug/m3	EPA-2 TO-15
<b>SG-8 09/24/07 08:46 002</b>				
Acetone	220	24	ug/m3	EPA-2 TO-15
Benzene	29	9.6	ug/m3	EPA-2 TO-15
2-Butanone (MEK)	77	29	ug/m3	EPA-2 TO-15
Methylene chloride	7.5	6.9	ug/m3	EPA-2 TO-15
Toluene	9.0	7.5	ug/m3	EPA-2 TO-15
<b>SG-9 09/24/07 09:56 003</b>				
Acetone	370	24	ug/m3	EPA-2 TO-15
Benzene	72	9.6	ug/m3	EPA-2 TO-15
2-Butanone (MEK)	39	29	ug/m3	EPA-2 TO-15
Ethylbenzene	29	8.7	ug/m3	EPA-2 TO-15
Toluene	16	7.5	ug/m3	EPA-2 TO-15
m-Xylene & p-Xylene	37	17	ug/m3	EPA-2 TO-15
o-Xylene	11	8.7	ug/m3	EPA-2 TO-15
Xylenes (total)	48	17	ug/m3	EPA-2 TO-15
<b>SG-10 09/24/07 11:25 004</b>				
Acetone	430	27	ug/m3	EPA-2 TO-15
Benzene	840	11	ug/m3	EPA-2 TO-15
2-Butanone (MEK)	90	32	ug/m3	EPA-2 TO-15
Ethylbenzene	370	9.7	ug/m3	EPA-2 TO-15
4-Ethyltoluene	25	11	ug/m3	EPA-2 TO-15
Toluene	33	8.3	ug/m3	EPA-2 TO-15
m-Xylene & p-Xylene	480	19	ug/m3	EPA-2 TO-15
o-Xylene	140	9.7	ug/m3	EPA-2 TO-15
Xylenes (total)	620	19	ug/m3	EPA-2 TO-15

# ANALYTICAL METHODS SUMMARY

E7I260317

<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

E7I260317

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAMP TIME
J7PKQ	001	SG-7		09/24/07	10:12
J7PKV	002	SG-8		09/24/07	08:46
J7PKW	003	SG-9		09/24/07	09:56
J7PK0	004	SG-10		09/24/07	11:25

## NOTE(S) :

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

TestAmerica San Francisco

Client Sample ID: SG-7

GC/MS Volatiles

Lot-Sample #....: E7I260317-001      Work Order #....: J7PKQ1AF      Matrix.....: V  
 Date Sampled....: 09/24/07      Date Received...: 09/26/07  
 Prep Date.....: 10/07/07      Analysis Date...: 10/07/07  
 Prep Batch #....: 7333396  
 Dilution Factor: 1  
 Analyst ID.....: 101605      Instrument ID...: MSA  
 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	220	24	ug/m3
Benzene	35	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)	58	29	ug/m3
Carbon disulfide	47	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	9.3	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-7

GC/MS Volatiles

Lot-Sample #...: E7I260317-001 Work Order #...: J7PKQ1AF Matrix.....: V

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	14	ug/m3
Tetrachloroethene	ND	14	ug/m3
<b>Toluene</b>	<b>9.6</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
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-8

GC/MS Volatiles

Lot-Sample #....: E7I260317-002 Work Order #....: J7PKV1AF Matrix.....: V

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	14	ug/m3
Tetrachloroethene	ND	14	ug/m3
<b>Toluene</b>	<b>9.0</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
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-9

GC/MS Volatiles

Lot-Sample #...: E7I260317-003    Work Order #...: J7PKW1AF    Matrix.....: V  
 Date Sampled...: 09/24/07    Date Received...: 09/26/07  
 Prep Date.....: 10/08/07    Analysis Date...: 10/08/07  
 Prep Batch #...: 7333397  
 Dilution Factor: 1  
 Analyst ID.....: 101605    Instrument ID...: MSA  
 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
<b>Acetone</b>	<b>370</b>	<b>24</b>	<b>ug/m3</b>
<b>Benzene</b>	<b>72</b>	<b>9.6</b>	<b>ug/m3</b>
Benzyl chloride	ND	130	ug/m3
Bromodichloromethane	ND	13	ug/m3
Bromoform	ND	21	ug/m3
Bromomethane	ND	16	ug/m3
<b>2-Butanone (MEK)</b>	<b>39</b>	<b>29</b>	<b>ug/m3</b>
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			
<b>Ethylbenzene</b>	<b>29</b>	<b>8.7</b>	<b>ug/m3</b>
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

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TestAmerica San Francisco

Client Sample ID: SG-9

GC/MS Volatiles

Lot-Sample #...: E7I260317-003 Work Order #...: J7PKW1AF Matrix.....: V

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	14	ug/m3
Tetrachloroethene	ND	14	ug/m3
<b>Toluene</b>	<b>16</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>37</b>	<b>17</b>	<b>ug/m3</b>
<b>o-Xylene</b>	<b>11</b>	<b>8.7</b>	<b>ug/m3</b>
<b>Xylenes (total)</b>	<b>48</b>	<b>17</b>	<b>ug/m3</b>

TestAmerica San Francisco

Client Sample ID: SG-10

GC/MS Volatiles

Lot-Sample #...: E7I260317-004    Work Order #...: J7PK01AF    Matrix.....: V  
 Date Sampled...: 09/24/07    Date Received...: 09/26/07  
 Prep Date.....: 10/08/07    Analysis Date...: 10/08/07  
 Prep Batch #...: 7333397  
 Dilution Factor: 1.11  
 Analyst ID.....: 101605    Instrument ID...: MSA  
 Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	430	27	ug/m3
Benzene	840	11	ug/m3
Benzyl chloride	ND	140	ug/m3
Bromodichloromethane	ND	14	ug/m3
Bromoform	ND	23	ug/m3
Bromomethane	ND	18	ug/m3
2-Butanone (MEK)	90	32	ug/m3
Carbon disulfide	ND	34	ug/m3
Carbon tetrachloride	ND	14	ug/m3
Chlorobenzene	ND	10	ug/m3
Dibromochloromethane	ND	19	ug/m3
Chloroethane	ND	11	ug/m3
Chloroform	ND	11	ug/m3
Chloromethane	ND	9.1	ug/m3
1,2-Dibromoethane (EDB)	ND	17	ug/m3
1,2-Dichlorobenzene	ND	13	ug/m3
1,3-Dichlorobenzene	ND	13	ug/m3
1,4-Dichlorobenzene	ND	40	ug/m3
Dichlorodifluoromethane	ND	11	ug/m3
1,1-Dichloroethane	ND	9.0	ug/m3
1,2-Dichloroethane	ND	9.0	ug/m3
cis-1,2-Dichloroethene	ND	8.8	ug/m3
trans-1,2-Dichloroethene	ND	8.8	ug/m3
1,1-Dichloroethene	ND	8.8	ug/m3
1,2-Dichloropropane	ND	16	ug/m3
cis-1,3-Dichloropropene	ND	16	ug/m3
trans-1,3-Dichloropropene	ND	10	ug/m3
1,2-Dichloro-	ND	16	ug/m3
1,1,2,2-tetrafluoroethane			
Ethylbenzene	370	9.7	ug/m3
4-Ethyltoluene	25	11	ug/m3
Hexachlorobutadiene	ND	48	ug/m3
2-Hexanone	ND	46	ug/m3
Methylene chloride	ND	7.7	ug/m3
4-Methyl-2-pentanone (MIBK)	ND	46	ug/m3
Styrene	ND	9.4	ug/m3

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TestAmerica San Francisco

Client Sample ID: SG-10

GC/MS Volatiles

Lot-Sample #....: E7I260317-004 Work Order #....: J7PK01AF Matrix.....: V

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	16	ug/m3
Tetrachloroethene	ND	16	ug/m3
<b>Toluene</b>	<b>33</b>	<b>8.3</b>	<b>ug/m3</b>
1,2,4-Trichloro- benzene	ND	41	ug/m3
1,1,1-Trichloroethane	ND	12	ug/m3
1,1,2-Trichloroethane	ND	12	ug/m3
Trichloroethene	ND	12	ug/m3
Trichlorofluoromethane	ND	12	ug/m3
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	17	ug/m3
1,2,4-Trimethylbenzene	ND	17	ug/m3
1,3,5-Trimethylbenzene	ND	39	ug/m3
Vinyl acetate	ND	8.4	ug/m3
Vinyl chloride	ND	8.4	ug/m3
<b>m-Xylene &amp; p-Xylene</b>	<b>480</b>	<b>19</b>	<b>ug/m3</b>
<b>o-Xylene</b>	<b>140</b>	<b>9.7</b>	<b>ug/m3</b>
<b>Xylenes (total)</b>	<b>620</b>	<b>19</b>	<b>ug/m3</b>

STL

QA/QC



# QC DATA ASSOCIATION SUMMARY

E7I260317

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		7333396	
002	V	EPA-2 TO-15		7333396	
003	V	EPA-2 TO-15		7333397	
004	V	EPA-2 TO-15		7333397	

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E7I260317  
 MB Lot-Sample #: M7K290000-396

Work Order #...: KC4G61AA

Matrix.....: AIR

Analysis Date...: 10/06/07  
 Dilution Factor: 1

Prep Date.....: 10/06/07  
 Prep Batch #...: 7333396

Instrument ID...: MSA

Analyst ID.....: 101605

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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E7I260317

Work Order #....: KC4G61AA

Matrix.....: AIR

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
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.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E7I260317  
 MB Lot-Sample #: M7K290000-397

Work Order #....: KC4HC1AA

Matrix.....: AIR

Analysis Date...: 10/08/07  
 Dilution Factor: 1

Prep Date.....: 10/08/07  
 Prep Batch #....: 7333397

Instrument ID...: MSA

Analyst ID.....: 101605

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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E7I260317

Work Order #....: KC4HC1AA

Matrix.....: AIR

PARAMETER	RESULT	REPORTING		METHOD
		LIMIT	UNITS	
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	35	ug/m3	EPA-2 TO-15
Vinyl acetate	ND	7.6	ug/m3	EPA-2 TO-15
Vinyl chloride	ND	17	ug/m3	EPA-2 TO-15
m-Xylene & p-Xylene	ND	8.7	ug/m3	EPA-2 TO-15
o-Xylene	ND	17	ug/m3	EPA-2 TO-15
Xylenes (total)	ND			

**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 #....: E7I260317      Work Order #....: KC4G61AC-LCS      Matrix.....: AIR  
 LCS Lot-Sample#: M7K290000-396      KC4G61AD-LCSD  
 Prep Date.....: 10/06/07      Analysis Date...: 10/06/07  
 Prep Batch #....: 7333396  
 Dilution Factor: 1      Instrument ID...: MSA  
 Analyst ID.....: 101605

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
<b>Acetone</b>	82	(70 - 130)			EPA-2 TO-15
	86	(70 - 130)	4.7	(0-25)	EPA-2 TO-15
<b>Bromodichloromethane</b>	78	(70 - 130)			EPA-2 TO-15
	81	(70 - 130)	3.2	(0-25)	EPA-2 TO-15
<b>Bromomethane</b>	80	(70 - 130)			EPA-2 TO-15
	79	(70 - 130)	0.62	(0-25)	EPA-2 TO-15
<b>Carbon disulfide</b>	82	(70 - 130)			EPA-2 TO-15
	93	(70 - 130)	13	(0-25)	EPA-2 TO-15
<b>Chloroform</b>	87	(70 - 130)			EPA-2 TO-15
	89	(70 - 130)	1.4	(0-25)	EPA-2 TO-15
<b>1,3-Dichlorobenzene</b>	91	(70 - 130)			EPA-2 TO-15
	87	(70 - 130)	5.1	(0-25)	EPA-2 TO-15
<b>1,2-Dichloroethane</b>	82	(70 - 130)			EPA-2 TO-15
	84	(70 - 130)	2.0	(0-25)	EPA-2 TO-15
<b>trans-1,2-Dichloroethene</b>	91	(70 - 130)			EPA-2 TO-15
	91	(70 - 130)	0.35	(0-25)	EPA-2 TO-15
<b>cis-1,3-Dichloropropene</b>	84	(70 - 130)			EPA-2 TO-15
	86	(70 - 130)	2.0	(0-25)	EPA-2 TO-15
<b>Ethylbenzene</b>	85	(70 - 130)			EPA-2 TO-15
	86	(70 - 130)	0.76	(0-25)	EPA-2 TO-15
<b>4-Ethyltoluene</b>	91	(70 - 130)			EPA-2 TO-15
	93	(70 - 130)	2.0	(0-25)	EPA-2 TO-15
<b>Styrene</b>	103	(70 - 130)			EPA-2 TO-15
	102	(70 - 130)	0.46	(0-25)	EPA-2 TO-15
<b>1,1,2-Trichloroethane</b>	84	(70 - 130)			EPA-2 TO-15
	83	(70 - 130)	0.57	(0-25)	EPA-2 TO-15
<b>Trichlorofluoromethane</b>	86	(70 - 130)			EPA-2 TO-15
	88	(70 - 130)	2.1	(0-25)	EPA-2 TO-15
<b>1,1,2-Trichloro- 1,2,2-trifluoroethane</b>	96	(70 - 130)			EPA-2 TO-15
	96	(70 - 130)	0.12	(0-25)	EPA-2 TO-15
<b>Vinyl chloride</b>	84	(70 - 130)			EPA-2 TO-15
	82	(70 - 130)	2.0	(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

**LABORATORY CONTROL SAMPLE DATA REPORT**

**GC/MS Volatiles**

Client Lot #...: E7I260317      Work Order #...: KC4G61AC-LCS      Matrix.....: AIR  
 LCS Lot-Sample#: M7K290000-396      KC4G61AD-LCSD  
 Prep Date.....: 10/06/07      Analysis Date...: 10/06/07  
 Prep Batch #...: 7333396  
 Dilution Factor: 1      Instrument ID...: MSA  
 Analyst ID.....: 101605

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>
Acetone	119	96.9	ug/m3	82		EPA-2 TO-15
	119	102	ug/m3	86	4.7	EPA-2 TO-15
Bromodichloromethane	334	261	ug/m3	78		EPA-2 TO-15
	334	270	ug/m3	81	3.2	EPA-2 TO-15
Bromomethane	194	155	ug/m3	80		EPA-2 TO-15
	194	154	ug/m3	79	0.62	EPA-2 TO-15
Carbon disulfide	155	127	ug/m3	82		EPA-2 TO-15
	155	144	ug/m3	93	13	EPA-2 TO-15
Chloroform	244	213	ug/m3	87		EPA-2 TO-15
	244	216	ug/m3	89	1.4	EPA-2 TO-15
1,3-Dichlorobenzene	300	273	ug/m3	91		EPA-2 TO-15
	300	260	ug/m3	87	5.1	EPA-2 TO-15
1,2-Dichloroethane	202	166	ug/m3	82		EPA-2 TO-15
	202	169	ug/m3	84	2.0	EPA-2 TO-15
trans-1,2-Dichloroethene	198	180	ug/m3	91		EPA-2 TO-15
	198	181	ug/m3	91	0.35	EPA-2 TO-15
cis-1,3-Dichloropropene	226	190	ug/m3	84		EPA-2 TO-15
	226	194	ug/m3	86	2.0	EPA-2 TO-15
Ethylbenzene	217	184	ug/m3	85		EPA-2 TO-15
	217	186	ug/m3	86	0.76	EPA-2 TO-15
4-Ethyltoluene	245	223	ug/m3	91		EPA-2 TO-15
	245	227	ug/m3	93	2.0	EPA-2 TO-15
Styrene	213	218	ug/m3	103		EPA-2 TO-15
	213	217	ug/m3	102	0.46	EPA-2 TO-15
1,1,2-Trichloroethane	272	228	ug/m3	84		EPA-2 TO-15
	272	226	ug/m3	83	0.57	EPA-2 TO-15
Trichlorofluoromethane	280	241	ug/m3	86		EPA-2 TO-15
	280	246	ug/m3	88	2.1	EPA-2 TO-15
1,1,2-Trichloro- 1,2,2-trifluoroethane	382	367	ug/m3	96		EPA-2 TO-15
	382	368	ug/m3	96	0.12	EPA-2 TO-15
Vinyl chloride	128	107	ug/m3	84		EPA-2 TO-15
	128	105	ug/m3	82	2.0	EPA-2 TO-15

**NOTE(S) :**

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

**LABORATORY CONTROL SAMPLE EVALUATION REPORT**

**GC/MS Volatiles**

Client Lot #....: E7I260317      Work Order #....: KC4HC1AC-LCS      Matrix.....: AIR  
 LCS Lot-Sample#: M7K290000-397      KC4HC1AD-LCSD  
 Prep Date.....: 10/08/07      Analysis Date...: 10/08/07  
 Prep Batch #....: 7333397  
 Dilution Factor: 1      Instrument ID...: MSA  
 Analyst ID.....: 101605

PARAMETER	PERCENT	RECOVERY	RPD		METHOD
	RECOVERY	LIMITS	RPD	LIMITS	
Acetone	88	(70 - 130)			EPA-2 TO-15
	99	(70 - 130)	11	(0-25)	EPA-2 TO-15
Bromodichloromethane	80	(70 - 130)			EPA-2 TO-15
	72	(70 - 130)	10	(0-25)	EPA-2 TO-15
Bromomethane	72	(70 - 130)			EPA-2 TO-15
	78	(70 - 130)	8.0	(0-25)	EPA-2 TO-15
Carbon disulfide	98	(70 - 130)			EPA-2 TO-15
	111	(70 - 130)	12	(0-25)	EPA-2 TO-15
Chloroform	88	(70 - 130)			EPA-2 TO-15
	95	(70 - 130)	7.1	(0-25)	EPA-2 TO-15
1,3-Dichlorobenzene	89	(70 - 130)			EPA-2 TO-15
	94	(70 - 130)	5.6	(0-25)	EPA-2 TO-15
1,2-Dichloroethane	82	(70 - 130)			EPA-2 TO-15
	85	(70 - 130)	3.4	(0-25)	EPA-2 TO-15
trans-1,2-Dichloroethene	95	(70 - 130)			EPA-2 TO-15
	100	(70 - 130)	4.9	(0-25)	EPA-2 TO-15
cis-1,3-Dichloropropene	86	(70 - 130)			EPA-2 TO-15
	86	(70 - 130)	0.25	(0-25)	EPA-2 TO-15
Ethylbenzene	88	(70 - 130)			EPA-2 TO-15
	92	(70 - 130)	4.9	(0-25)	EPA-2 TO-15
4-Ethyltoluene	93	(70 - 130)			EPA-2 TO-15
	103	(70 - 130)	11	(0-25)	EPA-2 TO-15
Styrene	103	(70 - 130)			EPA-2 TO-15
	114	(70 - 130)	10	(0-25)	EPA-2 TO-15
1,1,2-Trichloroethane	85	(70 - 130)			EPA-2 TO-15
	93	(70 - 130)	8.0	(0-25)	EPA-2 TO-15
Trichlorofluoromethane	85	(70 - 130)			EPA-2 TO-15
	85	(70 - 130)	0.020	(0-25)	EPA-2 TO-15
1,1,2-Trichloro- 1,2,2-trifluoroethane	96	(70 - 130)			EPA-2 TO-15
	103	(70 - 130)	7.8	(0-25)	EPA-2 TO-15
Vinyl chloride	86	(70 - 130)			EPA-2 TO-15
	95	(70 - 130)	11	(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



**LABORATORY CONTROL SAMPLE DATA REPORT**

**GC/MS Volatiles**

Client Lot #...: E7I260317      Work Order #...: KC4HC1AC-LCS      Matrix.....: AIR  
 LCS Lot-Sample#: M7K290000-397      KC4HC1AD-LCSD  
 Prep Date.....: 10/08/07      Analysis Date...: 10/08/07  
 Prep Batch #...: 7333397  
 Dilution Factor: 1      Instrument ID...: MSA  
 Analyst ID.....: 101605

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
<b>Acetone</b>	119	105	ug/m3	88		EPA-2 TO-15
	119	117	ug/m3	99	11	EPA-2 TO-15
<b>Bromodichloromethane</b>	334	266	ug/m3	80		EPA-2 TO-15
	334	240	ug/m3	72	10	EPA-2 TO-15
<b>Bromomethane</b>	194	139	ug/m3	72		EPA-2 TO-15
	194	150	ug/m3	78	8.0	EPA-2 TO-15
<b>Carbon disulfide</b>	155	152	ug/m3	98		EPA-2 TO-15
	155	172	ug/m3	111	12	EPA-2 TO-15
<b>Chloroform</b>	244	215	ug/m3	88		EPA-2 TO-15
	244	231	ug/m3	95	7.1	EPA-2 TO-15
<b>1,3-Dichlorobenzene</b>	300	268	ug/m3	89		EPA-2 TO-15
	300	283	ug/m3	94	5.6	EPA-2 TO-15
<b>1,2-Dichloroethane</b>	202	166	ug/m3	82		EPA-2 TO-15
	202	171	ug/m3	85	3.4	EPA-2 TO-15
<b>trans-1,2-Dichloroethene</b>	198	187	ug/m3	95		EPA-2 TO-15
	198	197	ug/m3	100	4.9	EPA-2 TO-15
<b>cis-1,3-Dichloropropene</b>	226	195	ug/m3	86		EPA-2 TO-15
	226	196	ug/m3	86	0.25	EPA-2 TO-15
<b>Ethylbenzene</b>	217	190	ug/m3	88		EPA-2 TO-15
	217	200	ug/m3	92	4.9	EPA-2 TO-15
<b>4-Ethyltoluene</b>	245	227	ug/m3	93		EPA-2 TO-15
	245	254	ug/m3	103	11	EPA-2 TO-15
<b>Styrene</b>	213	218	ug/m3	103		EPA-2 TO-15
	213	242	ug/m3	114	10	EPA-2 TO-15
<b>1,1,2-Trichloroethane</b>	272	233	ug/m3	85		EPA-2 TO-15
	272	252	ug/m3	93	8.0	EPA-2 TO-15
<b>Trichlorofluoromethane</b>	280	239	ug/m3	85		EPA-2 TO-15
	280	239	ug/m3	85	0.020	EPA-2 TO-15
<b>1,1,2-Trichloro-1,2,2-trifluoroethane</b>	382	366	ug/m3	96		EPA-2 TO-15
	382	395	ug/m3	103	7.8	EPA-2 TO-15
<b>Vinyl chloride</b>	128	109	ug/m3	86		EPA-2 TO-15
	128	121	ug/m3	95	11	EPA-2 TO-15

**NOTE(S) :**

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

Bold print denotes control parameters