



Sequoia Analytical

255325

404 N. Wiget Lane
Walnut Creek, CA 94598
(925) 988-9600
FAX (925) 988-9673
www.sequoialabs.com

RECEIVED
SEP 29 2000

27 September, 2000

GETTLER-RYAN, INC.
GENERAL CONTRACTOR

RECEIVED
11:39 am, Apr 06, 2009
Alameda County
Environmental Health

Clyde Galantine
Gettler Ryan, Inc. - Petaluma
1364 North McDowell Boulevard, Suite B2
Petaluma, CA 94954-1175

RE: Tosco
Sequoia Report: W009484

Enclosed are the results of analyses for samples received by the laboratory on 19-Sep-00 15:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

for 
Charlie Westwater
Project Manager

WESTERN REGION BOX:
#9513

CA ELAP Certificate #1271

Store #	255325	Date:	9-27-00
Unit #	5325	Code:	LAB <input type="checkbox"/>
Description:	R-149 DATA / RCI		





Gettler Ryan, Inc. - Petaluma
1364 North McDowell Boulevard, Suite B2
Petaluma CA, 94954-1175

Project: Tosco
Project Number: Tosco # 5325
Project Manager: Clyde Galantine

Reported:
27-Sep-00 15:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
W-1	W009484-01	Water	19-Sep-00 14:30	19-Sep-00 15:40





Gettler Ryan, Inc. - Petaluma
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Petaluma CA, 94954-1175

Project: Tosco
Project Number: Tosco # 5325
Project Manager: Clyde Galantine

Reported:
27-Sep-00 15:29

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
W-1 (W009484-01) Water Sampled: 19-Sep-00 14:30 Received: 19-Sep-00 15:40									
Purgeable Hydrocarbons	ND	50	ug/l	1	0122002	22-Sep-00	22-Sep-00	EPA 8015M/8020	
Benzene	910	20	"	40	"	"	"	"	
Toluene	ND	20	"	"	"	"	"	"	
Ethylbenzene	ND	20	"	"	"	"	"	"	
Xylenes (total)	ND	20	"	"	"	"	"	"	
Methyl tert-butyl ether	460000	13000	"	5000	"	"	"	"	CC-3
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.7%		70-130	"	"	"	"	





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Reported:
27-Sep-00 15:29

**Physical Parameters by APHA/ASTM/EPA Methods
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
W-1 (W009484-01) Water Sampled: 19-Sep-00 14:30 Received: 19-Sep-00 15:40									
Ignitability by Flashpoint	ND	10	°C	1	0121022	21-Sep-00	21-Sep-00	EPA 1010	F-01





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Reported:
27-Sep-00 15:29

Physical Parameters by APHA/ASTM/EPA Methods

Sequoia Analytical - Petaluma

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
W-1 (W009484-01) Water Sampled: 19-Sep-00 14:30 Received: 19-Sep-00 15:40									
Corrosivity	8.18		pH units	1	0090564	22-Sep-00	22-Sep-00	EPA 9045B	
Reactivity in Water	ND	1.00	N/A	"	0090596	26-Sep-00	26-Sep-00	EPA Chapter 7	
Reactive Cyanide	ND	10.0	mg/l	"	0090595	26-Sep-00	26-Sep-00	SW846 Ch. 7.3	
Reactive Sulfide	387	50.0	"	"	0090594	26-Sep-00	26-Sep-00	SW846 Ch 7.3	





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Project Manager: Clyde Galantine

Reported:
27-Sep-00 15:29

Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT - Quality Control Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0122002 - EPA 5030B [P/T]

Blank (0122002-BLK1)

Prepared & Analyzed: 22-Sep-00

Purgeable Hydrocarbons	ND	50	ug/l							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	0.50	"							
Methyl tert-butyl ether	ND	2.5	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	28.0		"	30.0		93.3	70-130			

LCS (0122002-BS1)

Prepared & Analyzed: 22-Sep-00

Benzene	18.1	0.50	ug/l	20.0		90.5	70-130			
Toluene	18.8	0.50	"	20.0		94.0	70-130			
Ethylbenzene	19.3	0.50	"	20.0		96.5	70-130			
Xylenes (total)	57.6	0.50	"	60.0		96.0	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	29.3		"	30.0		97.7	70-130			

Matrix Spike (0122002-MS1)

Source: W009255-10

Prepared & Analyzed: 22-Sep-00

Benzene	19.3	0.50	ug/l	20.0	ND	96.5	70-130			
Toluene	20.0	0.50	"	20.0	ND	100	70-130			
Ethylbenzene	20.2	0.50	"	20.0	ND	101	70-130			
Xylenes (total)	61.1	0.50	"	60.0	ND	102	70-130			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.8		"	30.0		103	70-130			

Matrix Spike Dup (0122002-MSD1)

Source: W009255-10

Prepared & Analyzed: 22-Sep-00

Benzene	18.3	0.50	ug/l	20.0	ND	91.5	70-130	5.32	20	
Toluene	19.1	0.50	"	20.0	ND	95.5	70-130	4.60	20	
Ethylbenzene	19.4	0.50	"	20.0	ND	97.0	70-130	4.04	20	
Xylenes (total)	58.5	0.50	"	60.0	ND	97.5	70-130	4.35	20	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	30.3		"	30.0		101	70-130			





Gettler Ryan, Inc. - Petaluma
1364 North McDowell Boulevard, Suite 132
Petaluma CA, 94954-1175

Project: Tosco
Project Number: Tosco # 5325
Project Manager: Clyde Galantine

Reported:
27-Sep-00 15:29

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0I21022 - General Preparation

Duplicate (0I21022-DUP1)

Source: W009484-01

Prepared & Analyzed: 21-Sep-00

Ignitability by Flashpoint	ND	10	°C		ND				30	
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Petaluma CA, 94954-1175

Project: Tosco
Project Number: Tosco # 5325
Project Manager: Clyde Galantine

Reported:
27-Sep-00 15:29

**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
Sequoia Analytical - Petaluma**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 0090564 - None

Duplicate (0090564-DUP1)

Source: P009421-01

Prepared & Analyzed: 22-Sep-00

Corrosivity	7.02		pH units		7.01			0.143	20	
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Batch 0090594 - General Preparation

Blank (0090594-BLK1)

Prepared & Analyzed: 26-Sep-00

Reactive Sulfide	ND	50.0	mg/l							
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LCS (0090594-BS1)

Prepared & Analyzed: 26-Sep-00

Reactive Sulfide	860	50.0	mg/l	2300		37.4	5-120			
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Batch 0090595 - General Preparation

Blank (0090595-BLK1)

Prepared & Analyzed: 26-Sep-00

Reactive Cyanide	ND	10.0	mg/l							
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LCS (0090595-BS1)

Prepared & Analyzed: 26-Sep-00

Reactive Cyanide	74.9	10.0	mg/l	1000		7.49	5-120			
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Notes and Definitions

- CC-3 Continuing Calibration indicates that the quantitative result for this analyte includes a greater than 15% degree of uncertainty. The value as reported is within method acceptance.
- F-01 No flash detected up to 95 °C
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference



NO 000594

TOSCO

- 885 Jarvis Drive • Morgan Hill, CA 95037 • (408) 776-9600 • FAX (408) 782-0500
- 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100
- 404 N. Wiget Lane • Walnut Creek, CA 94598 • (925) 988-9600 FAX (925) 988-9673
- 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342
- 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

Consultant Company: Gettler-Ryan 140123.04 Project Name: Tosco 5325
 Address: 1364 N McDowell Blvd Suite B2 TOSCO Engineer (required) Dave DeWitt
 City: Petaluma State: CA Zip Code: 94954 W009484
 Telephone: 707 789-3254 FAX #: (707) 789-3218 Site #, City, State: #5325 Oakland, CA
 Report To: Clyde Galantine Sampler: Clyde Galantine QC Data: Level D (Standard) Level C Level B Level A

Turnaround Time: 10 Work Days 5 Work Days 3 Work Days 2-8 Hours
 2 Work Days 1 Work Day

CODE: Misc. Detect. Eval. Remed. Demol. Closure

Analyses Requested

<input type="checkbox"/> Drinking Water
<input type="checkbox"/> Waste Water
<input type="checkbox"/> Other

TPH (EPA 8015 Mod. Gas)
 BTEX (EPA 8020)
 MTBE (EPA 8020)
 TPH (EPA 8015 Mod. Diesel)
 Volatile Organics (EPA 8250)
 MTBE Confirmation (EPA 8250)
RCI

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPH (EPA 8015 Mod. Gas)	BTEX (EPA 8020)	MTBE (EPA 8020)	TPH (EPA 8015 Mod. Diesel)	Volatile Organics (EPA 8250)	MTBE Confirmation (EPA 8250)	RCI	Comments
1. W-1	9/19/00 2:30	H ₂ O	5	VOAS amber	-01AE	X	X	X				X	
2.													
3.													
4.													
5.													
6.													
7.													
8.													
9.													
10.													

Relinquished By: <u>Clyde Galantine</u>	Date: <u>9/19/00</u> Time: <u>15:40</u>	Received By: <u>Paul Dorman</u>	Date: <u>9/19/00</u> Time: <u>15:40</u>
Relinquished By: <u>Paul Dorman</u>	Date: <u>9/20/00</u> Time: <u>14:00</u>	Received By: <u>VC</u>	Date: <u>9/20</u> Time: <u>13:30</u>
Relinquished By: <u>VC</u>	Date: <u>9/20</u> Time: _____	Received By: <u>Ronald Jensen</u>	Date: <u>9/12/00</u> Time: <u>15:20</u>

Were Samples Received in Good Condition? Yes No Samples on Ice? Yes No Method of Shipment _____ Page ___ of ___

To be completed upon receipt of report:

1) Were the analyses requested on the Chain of Custody reported? Yes No If no, what analyses are still needed? _____

2) Was the report issued within the requested turnaround time? Yes No If no, what was the turnaround time? _____

Approved by: _____ Signature: _____ Company: _____ Date: _____

Pink - Client
Yellow - Sequoia
White - Sequoia