



# Sequoia Analytical

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

RECEIVED

10:40 am, Apr 16, 2009

Alameda County  
Environmental Health

30 January, 2001

Clyde Galantine  
Gettier Ryan, Inc. - Petaluma  
1384 North McDowell Boulevard, Suite B2  
Petaluma, CA 94954-1175

RE: Tosco  
Sequoia Report: W101414 DRAFT

Enclosed are the results of analyses for samples received by the laboratory on 17-Jan-01 15:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

DRAFT REPORT  
DATA IS SUBJECT TO CHANGE

CA ELAP Certificate #1271

Clyde -  
Here are a few more TPH-G/B/m  
results. I'll send rest as soon  
as available.

-Charlie



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Gettler Ryan, Inc. - Petaluma

1364 North McDowell Boulevard, Suite H2  
Petaluma CA, 94954-1175

Project: Tosco

Project Number: Tosco # 6896

Project Manager: Clyde Godantine

Reported:

30-Jan-01 17:09

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DRAFT: MW-8-5.5	W101414-01	Soil	17-Jan-01 10:35	17-Jan-01 15:50
DRAFT: MW-8-10	W101414-02	Soil	17-Jan-01 10:40	17-Jan-01 15:50
DRAFT: UB-1-5.5	W101414-03	Soil	17-Jan-01 11:35	17-Jan-01 15:50
DRAFT: UB-1-10	W101414-04	Soil	17-Jan-01 11:40	17-Jan-01 15:50
DRAFT: UB-2-6	W101414-05	Soil	17-Jan-01 12:05	17-Jan-01 15:50
DRAFT: UB-2-10	W101414-06	Soil	17-Jan-01 12:10	17-Jan-01 15:50
DRAFT: UB-3-5.5	W101414-07	Soil	17-Jan-01 12:40	17-Jan-01 15:50
DRAFT: UB-3-10	W101414-08	Soil	17-Jan-01 12:45	17-Jan-01 15:50
DRAFT: UB-4-5.5	W101414-09	Soil	17-Jan-01 13:35	17-Jan-01 15:50
DRAFT: UB-4-10	W101414-10	Soil	17-Jan-01 13:40	17-Jan-01 15:50
DRAFT: UB-5-5.5	W101414-11	Soil	17-Jan-01 14:00	17-Jan-01 15:50
DRAFT: UB-5-10	W101414-12	Soil	17-Jan-01 14:05	17-Jan-01 15:50
DRAFT: UB-6-5.5	W101414-13	Soil	17-Jan-01 14:25	17-Jan-01 15:50
DRAFT: UB-6-10	W101414-14	Soil	17-Jan-01 14:30	17-Jan-01 15:50

DRAFT REPORT

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DRAFT REPORT, DATA IS SUBJECT TO CHANGE

Page 1 of 5



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Project: Tosco  
Project Number: Tosco # 6896  
Project Manager: Clyde Galantine

Reported:  
30-Jan-01 17:09

## DRAFT: 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
<b>DRAFT: MW-8-5.5 (W101414-01) Soil</b> Sampled: 17-Jan-01 10:35 Received: 17-Jan-01 15:50									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	1A25003	24-Jan-01	25-Jan-01	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	0.015	0.0050	"	"	"	"	26-Jan-01	"	CF-01
Ethylbenzene	ND	0.0050	"	"	"	"	25-Jan-01	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	CC-3
Surrogate: <i>a,o,a</i> -Trifluorotoluene		89.3 %		40-140	"	"	"	"	
<b>DRAFT: UB-1-5.5 (W101414-03) Soil</b> Sampled: 17-Jan-01 11:35 Received: 17-Jan-01 15:50									
Purgeable Hydrocarbons	4.1	1.0	mg/kg	20	1A25003	24-Jan-01	25-Jan-01	EPA 8015/8020	P-01
Benzene	0.070	0.0050	"	"	"	"	"	"	
Toluene	0.0095	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.089	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.11	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	CC-3
Surrogate: <i>a,o,a</i> -Trifluorotoluene		89.7 %		40-140	"	"	"	"	
<b>DRAFT: UB-2-6 (W101414-05) Soil</b> Sampled: 17-Jan-01 12:05 Received: 17-Jan-01 15:50									
Purgeable Hydrocarbons	11	1.0	mg/kg	20	1A25003	24-Jan-01	25-Jan-01	EPA 8015/8020	P-01
Benzene	0.25	0.0050	"	"	"	"	"	"	
Toluene	0.028	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.28	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.43	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	0.14	0.050	"	"	"	"	"	"	CC-3
Surrogate: <i>a,o,a</i> -Trifluorotoluene		94.3 %		40-140	"	"	"	"	

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1364 North McDowell Boulevard, Suite B2  
Petaluma CA, 94954-1175

Project: Tosco  
Project Number: Tosco # 6896  
Project Manager: Clyde Galantine

Reported:  
30-Jan-01 17:09

## DRAFT: 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
<b>DRAFT: UB-3-5.5 (W101414-07) Soil</b> Sampled: 17-Jan-01 12:40 Received: 17-Jan-01 15:50 <span style="float:right">P-01</span>									
Purgeable Hydrocarbons	5.3	1.0	mg/kg	20	1A25003	24-Jan-01	25-Jan-01	EPA 8015/8020	
Benzene	0.20	0.0050	"	"	"	"	"	"	
Toluene	0.027	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.19	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.29	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	0.23	0.050	"	"	"	"	"	"	CC-3
Surrogate: <i>a,a,a</i> -Trifluorotoluene		92.7 %	40-140	"	"	"	"	"	
<b>DRAFT: UB-4-5.5 (W101414-09) Soil</b> Sampled: 17-Jan-01 13:35 Received: 17-Jan-01 15:50 <span style="float:right">P-01</span>									
Purgeable Hydrocarbons	3.0	1.0	mg/kg	20	1A25003	24-Jan-01	26-Jan-01	EPA 8015/8020	
Benzene	0.14	0.0050	"	"	"	"	"	"	
Toluene	0.025	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.14	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.078	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	0.16	0.050	"	"	"	"	"	"	CC-3
Surrogate: <i>a,a,a</i> -Trifluorotoluene		89.7 %	40-140	"	"	"	"	"	
<b>DRAFT: UB-5-5.5 (W101414-11) Soil</b> Sampled: 17-Jan-01 14:00 Received: 17-Jan-01 15:50 <span style="float:right">P-03</span>									
Purgeable Hydrocarbons	4.2	1.0	mg/kg	20	1A25003	24-Jan-01	26-Jan-01	EPA 8015/8020	
Benzene	0.0063	0.0050	"	"	"	"	"	"	
Toluene	0.0059	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.0058	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.015	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	CC-3
Surrogate: <i>a,a,a</i> -Trifluorotoluene		90.0 %	40-140	"	"	"	"	"	

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Petaluma CA, 94954-1175

Project: Tosco  
Project Number: Tosco # 6896  
Project Manager: Clyde Galantini

Reported:  
30-Jan-01 17:09

## DRAFT: 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
DRAFT: UB-6-5.5 (W101414-13) Soil									P-01
Sampled: 17-Jan-01 14:25		Received: 17-Jan-01 15:50							
Purgeable Hydrocarbons	5.5	1.0	mg/kg	20	1A25003	24-Jan-01	26-Jan-01	EPA 8015/8020	
Benzene	0.084	0.0050	"	"	"	"	"	"	
Toluene	0.024	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.13	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.15	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	CC-3
Surrogate: <i>a,a,a</i> -Trifluorobluene		87.7%		40-140					

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Project: Tosco  
Project Number: Tosco # 6896  
Project Manager: Clyde Galantine

Reported:  
30-Jan-01 17:09

## 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.
- CF-01 Results between the primary and confirmation column varied by greater than 40% RPD.
- P-01 Chromatogram Pattern: Gasoline C6-C12
- P-03 Chromatogram Pattern: Unidentified Hydrocarbons C5-C12
- 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

DRAFT REPORT

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- 600 Jarvis Drive • Morgan Hill, CA 95037 • (408) 776-9600 • FAX (408) 782-6308
- 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: Geilco Ryan - 14025.07 Project Name: Former Tosco 6896

Address: 1455 N. McDowell Blvd Suite B2 TOSCO Engineer (required) Dave DeWitt

City: Petaluma State: CA Zip Code: 94954

Telephone: (707) 789-3254 FAX #: (707) 789-3218 Site (City, State): 6896 Redwood City

Report to: Clyde Galantini Sampler: Clyde Galantini 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  Drinking Water

2 Work Days  1 Work Day  Waste Water  Other

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

Analyses Requested:  TPH (RM 815 Mod. 02)  BTEX (RM 820)  MTBE (RM 820)  TPH (RM 815 Mod. 02)  Volatile Organics (RM 200)  MTBE (RM 820)  PAH (RM 815 Mod. 02)

Client Sample ID	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPH (RM 815 Mod. 02)	BTEX (RM 820)	MTBE (RM 820)	TPH (RM 815 Mod. 02)	Volatile Organics (RM 200)	MTBE (RM 820)	PAH (RM 815 Mod. 02)	Comments
1 MW-8-5.5	11/01 10:35	Soil	1	tube		X	X	X		X			
2 MW-8-10	12:40					X	X	X		X			
3 MW-8-15.5	10:45												Hold Soil
4 MW-8-20	10:50												Hold Soil
5 UB-1-3.5	11:35					Y	V	V		X			
6 UB-1-10	11:40												
7 UB-2-60	12:05												
8 UB-2-10	12:10												
9 UB-3-5.5	12:40												
10 UB-3-10	12:45												

Relinquished By: Clyde Galantini Date: 11/17/01 Time: 15:50 Received By: Kevin Co Date: 1/1/02 Time: 15:50

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Were Samples Received in Good Condition?  Yes  No Samples on Ice?  Yes  No Method of Shipment: \_\_\_\_\_ Page 2 of 2

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: \_\_\_\_\_

01/27/01 11:07 01/27/01 11:07 01/27/01 11:07  
 006 000 070 000  
 SEQUOIA ANALYTICAL  
 White - Sequoia  
 Yellow - Sequoia  
 Pink - Client