



# GETTLER-RYAN INC.

## TRANSMITTAL

TO: Mr. David B. De Witt  
 Tosco Marketing Company  
 2000 Crow Canyon Place, Suite 400  
 San Ramon, California

DATE: September 8, 2000  
 PROJ. #: 140106.02  
 SUBJECT: UST Removal Report  
 Former Tosco No. 7004  
 15599 Hesperian Boulevard  
 San Leandro, California

00 SEP 15 10 57 AM '00  
 PROJECT CONTROL

FROM:  
 Douglas J. Lee  
 Project Manager  
 Gettler-Ryan Inc.  
 6747 Sierra Court, Suite J  
 Dublin, California 94568

### WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	September 8, 2000	Underground Storage Tank and Product Piping Removal Report

THESE ARE TRANSMITTED as checked below:

- For review and comment     Approved as submitted     Resubmit \_\_ copies for approval  
 As requested     Approved as noted     Submit \_\_ copies for distribution  
 For approval     Return for corrections     Return \_\_ corrected prints  
 For Your Files

### COMMENTS:

Enclosed is one copy of the referenced Report. If you have any questions, please call me at (925) 551-7555.

cc: Mr. Karl Busche - San Leandro Fire Department  
 Mr. Scott Seery - Alameda County Environmental Health Division  
 Mr. David Luick - Target Corporation



# GETTLER-RYAN Inc.

---

September 8, 2000

Mr. David B. De Witt  
Tosco Marketing Company  
2000 Crow Canyon Place, Suite 400  
San Ramon, California 94583

**Subject:        Underground Storage Tank and Product Piping Removal Report for Former  
Tosco 76 Service Station No. 7004, 15599 Hesperian Blvd., San Leandro,  
California.**

Mr. De Witt:

At the request of Tosco Marketing Company, Gettler-Ryan Inc. (GR) conducted a soil investigation during underground storage tank (UST) and product piping removal activities at the subject site. The purpose was to assess if petroleum hydrocarbons have impacted the soil near the former gasoline USTs and beneath the former product piping. GR's scope of work included: observing removal of the former USTs; collecting soil samples from the UST pit, collecting soil samples from the former product piping trenches and from the soil stockpiles; submitting soil samples for analysis; and preparing a report of the field activities and analytical results. UST removal, excavation activities and Oxygen Release Compound® (ORC) application were performed by Fuller Excavating and Demolition, Inc. (Fuller).

## **SITE DESCRIPTION AND PREVIOUS ENVIROMENTAL WORK**

The subject site is a former service station located on 15599 Hesperian Blvd., San Leandro, California. (Figure 1). The site is currently closed. All service station facilities have been removed. Pertinent former and existing site features are shown on Figure 2.

In October, 1990, three 10,000-gallon single wall unleaded gasoline USTs, were removed from the site and replaced with double-wall USTs. Groundwater was encountered at a depth of 18.5 feet below ground surface (bgs) in the UST pit. Over-excavation of hydrocarbon-impacted soil was conducted in the areas of the UST pit. Approximately 1600 cubic yards of soil and backfill materials were removed from the site and disposed of at approved landfills. Six groundwater monitoring wells and one recovery well are currently present at the site.

140106.02

## FIELD WORK

Field activities took place on May 24 and 26, 2000. GR observed the UST removal and collected the required compliance samples from the UST excavation and beneath the product piping. Sampling was performed in accordance with GR's Field Methods and Procedures (attached). In addition GR observed the application of Oxygen Release Compound® (ORC) in the UST pit prior to backfilling. All soil samples collected during this investigation were submitted under chain-of-custody to Sequoia Analytical Laboratory located in Walnut Creek, California (ELAP #1271).

Mr. Karl Busche of the San Leandro Fire Department (SLFD) was present at the site to observe the UST removal and subsequent sampling activities. He was also present to observe the ORC application. Analytical methods and results are summarized in Table 1. Soil sample locations are shown on Figure 2. Copies of the laboratory analytical reports and chain-of-custody records are attached.

### Gasoline UST Removal Piping Removal and Soil Sampling

On May 24, 2000, two 12,000-gallon double-walled glasteel unleaded gasoline USTs were removed from the site. Upon removal, the USTs were visually inspected for evidence of failure. The USTs were found to be in very good condition with no holes or cracks were observed. The USTs were removed from the site and disposed of by Ecology Control Industries (ECI) of Richmond, California.

Limits of the UST pit are shown on Figure 2. The gasoline UST pit backfill material consisted of pea gravel. Native soil in the vicinity of the UST pit consisted primarily of clayey silt with fine-grained sand interbeds. Groundwater was encountered at approximately 14 feet bgs. No groundwater sample was required by the SLFD due to the presence of monitoring wells in proximity of the former UST pit.

On May 26, 2000, four soil samples (TX-1-13, TX-2-13, TX-3-13, and TX-4-13) were collected from the sidewalls of the gasoline UST pit at depths of approximately 13.0 feet bgs. Soil Samples could not be collected from portions of the south and east sidewalls of the pit due to undermining of existing pavement by pea gravel from previous overexcavation activities. All soil samples from the UST pit were analyzed for Total Petroleum Hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert-butyl ether (MTBE). TPHg, BTEX and MTBE were not detected in the sidewall soil sample TX-1-13. TPHg ranged from 1.1 ppm to 350 ppm of TPHg in TX-2-13 through TX-4-13. Benzene was not detected in TX-2-13 through TX-4-13. MTBE was not detected in any samples collected from the UST pit. The proximity of

the existing Krage Auto Parts store and monitoring well MW-3 prevented additional excavation and sampling in the vicinity of sample TX-2-13.

### **Product Piping Removal and Soil Sampling**

On May 24, 2000, the 2-inch-diameter fiberglass product piping was removed from the site. Four soil samples (PT1 through PT4) were collected from native soil beneath the former dispensers and from the base of the product piping trench at depths of approximately 3.0 to 5.5 feet bgs. Extensive pea gravel associated with previous over excavation activities prevented the collection of native soil samples beneath the northwest dispenser (vicinity of PT4) and from an attempted sample location in the vicinity of the former cashier's kiosk. Therefore, sample PT4(5.5) was collected from the base of the product piping trench in the vicinity of the northwest dispenser.

The soil samples collected from beneath the product dispensers were analyzed for TPHg, BTEX and MTBE. TPHg, BTEX and MTBE were not detected in any of these soil samples.

### **Stockpile Sampling**

Based on the excellent condition of the double-walled UST's removed, the SLFD approved the reuse of the stockpiled pea gravel from the UST excavation without prior sampling. However, on May, 24, 2000, two composite soil samples (Comp S1, Comp S2) were collected from approximately 200 cubic yards of excess stockpiled pea gravel backfill to be disposed of off site. Both stockpile soil samples were analyzed for TPHg, BTEX, and MTBE and Total Lead. The analytical results of samples Comp S1 and Comp S2 were within the acceptance limits of the landfill. Based on the analytical results of the composite soil samples, Fuller arranged for off-site disposal of the excess pea gravel at a Tosco approved landfill. Analytical results are summarized in Table 1.

### **ORC Application**

On May 26, 2000 the GR personnel supervised Tosco contractor (Fuller) applied the Oxygen Release Compound® (ORC) to the bottom of the UST excavation. Specifications provided by the manufacturer were used to calculate the quantity of ORC used. Two 180 lb. portions of ORC were mixed with water to form slurry in two batches. The ORC slurry was spread across the bottom in the north and south ends of the UST pit and mixed with the pea gravel using the excavator bucket. Additional pea gravel was added to bring the pit bottom up to 12' bgs, prior to backfilling with properly compacted, engineered fill.

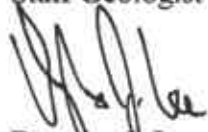
The ORC was applied to enhance the natural biodegradation of residual hydrocarbons in groundwater in the vicinity of the former UST pit. The analytical results of groundwater samples collected from the existing wells will be used to monitor the progress of the biodegradation process. The six existing monitoring wells are currently sampled semi-annually in January and July.

If you have any questions regarding this report please call us in our Dublin office at (925) 551-7555.

Sincerely,  
**Gettler-Ryan Inc.**



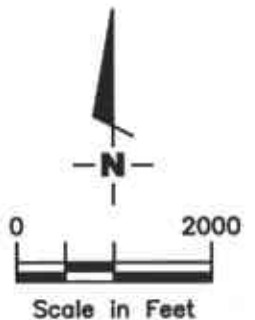
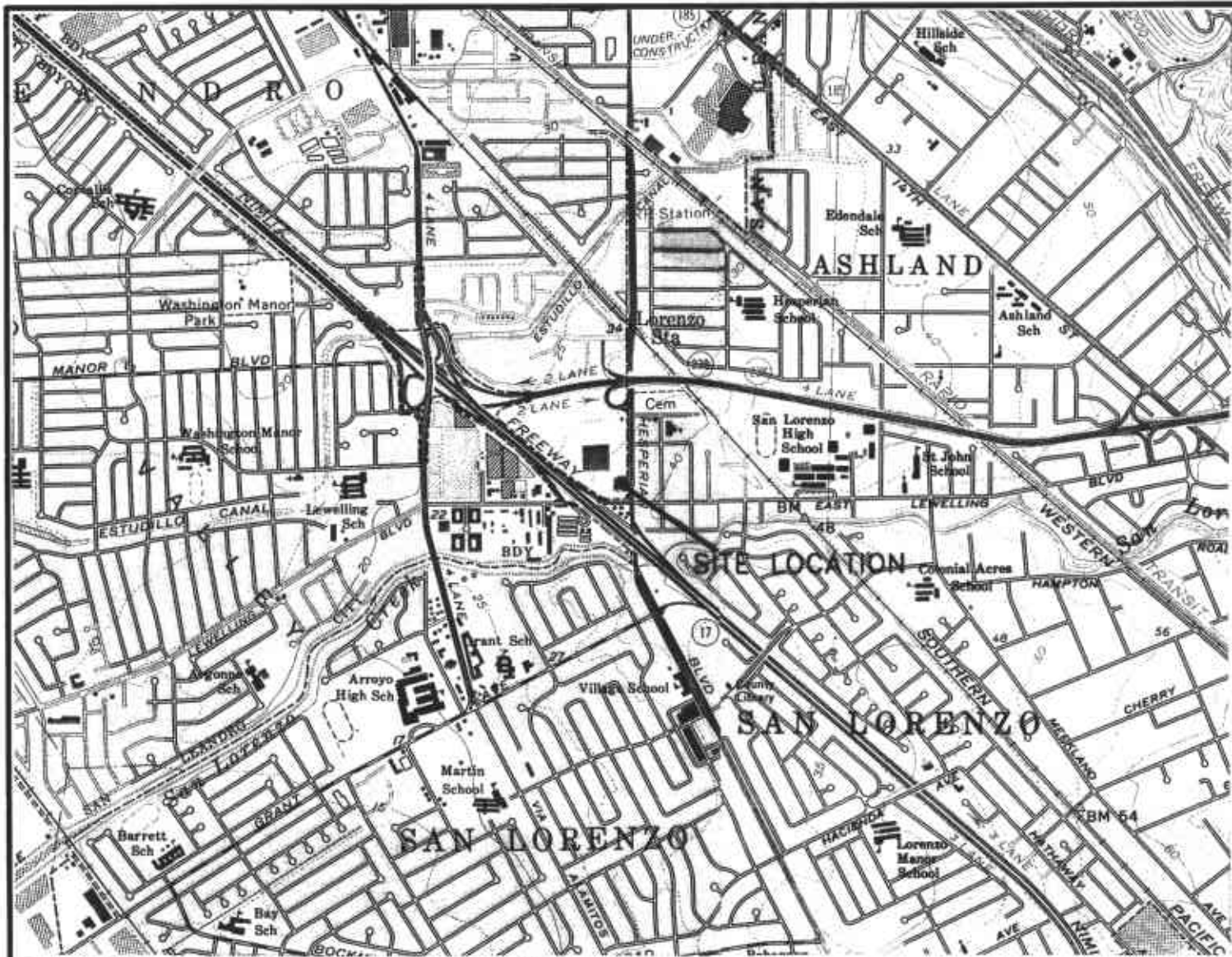
W. Skip McIntosh  
Staff Geologist



Douglas J. Lee  
Project Manager  
R. G. No. 6882



Attachments: Table 1. Analytical Results  
Figure 1. Vicinity Map  
Figure 2. Site Plan/Sample Location Map  
GR Field Methods and Procedures  
Laboratory Analytical Reports and Chain-of-Custody Records



Source: USGS Topographic Map, San Leandro and Hayward, 7.5



**Gettler - Ryan Inc.**  
 6747 Sierra Ct., Suite J  
 Dublin, CA 94568 (925) 551-7555

**VICINITY MAP**  
 Former Tosco (76) Service Station No. 7004  
 15599 Hesperian Boulevard  
 San Leandro, California

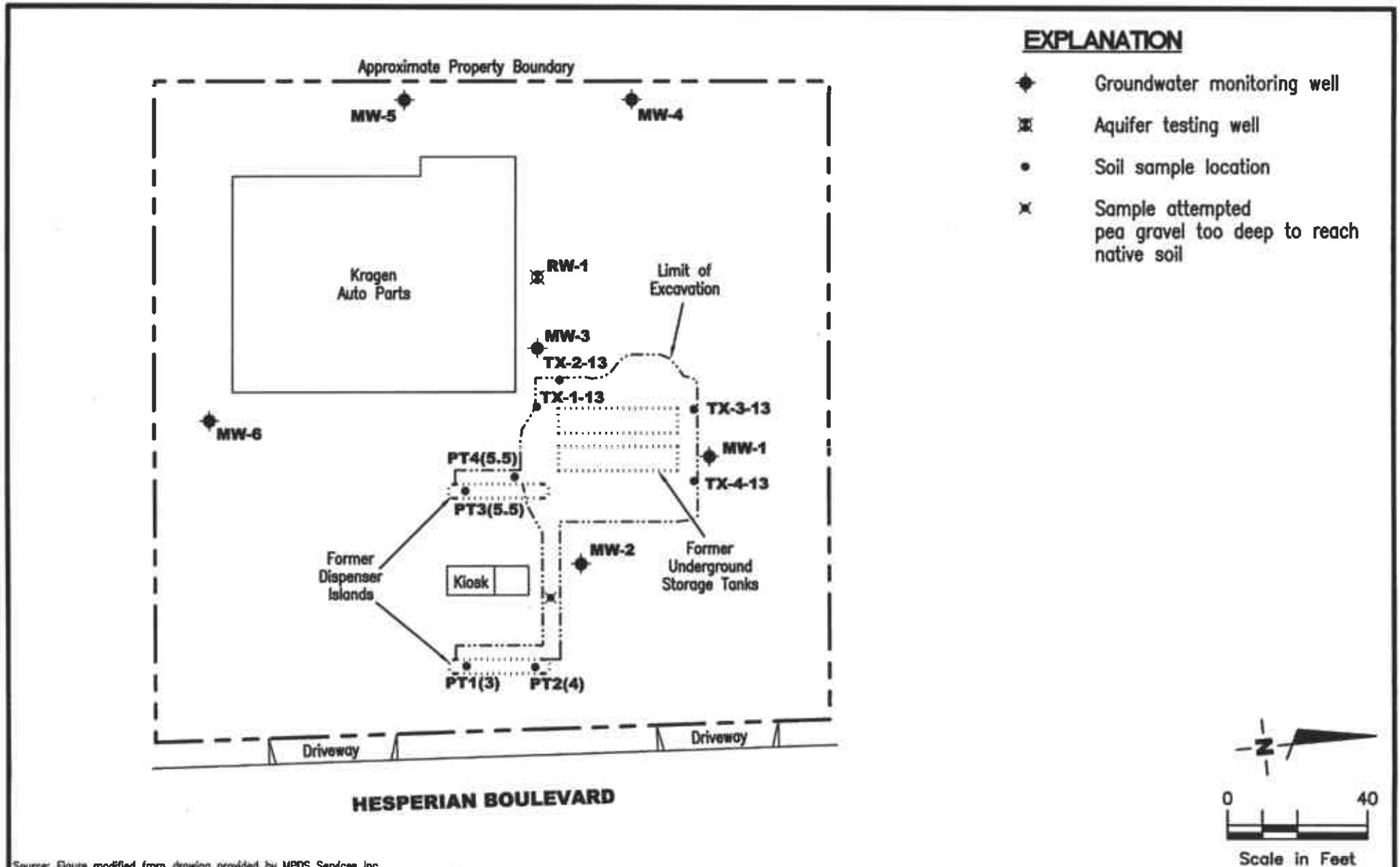
FIGURE  
**1**

JOB NUMBER  
 140106

REVIEWED BY

DATE  
 8/00

REVISED DATE



Source: Figure modified from drawing provided by MPDS Services Inc.



**Gertler - Ryan Inc.**

6747 Sierra Ct., Suite J  
Dublin, CA 94568 (925) 551-7555

**SITE PLAN**  
Former Tosco (76) Service Station No. 7004  
15599 Hesperian Boulevard  
San Leandro, California

FIGURE

2

PROJECT NUMBER  
140106

REVIEWED BY

DATE  
8/00

REVISED DATE

FILE NAME: P:\ENMRO\TOSCO\7004\A00-7004.DWG | Layout Tab: Tank Rpt 8-00

**Table 1 - Chemical Analytical Data**

Former Tosco 76 Branded Facility No.7004

15599 Hesperian Blvd

San Leandro, California

<b>Sample ID</b>	<b>Date Collected</b>	<b>Sample Depth (feet)</b>	<b>TPHg (ppm)</b>	<b>Benzene (ppm)</b>	<b>Toluene (ppm)</b>	<b>Ethyl-Benzene (ppm)</b>	<b>Xylenes (ppm)</b>	<b>MTBE (ppm)</b>
<b><u>GASOLINE UST PIT (SOIL)</u></b>								
TX-1-13	5/26/00	13.0	ND	ND	ND	ND	ND	ND
TX-2-13	5/26/00	13.0	1.1	ND	ND	0.014	0.015	ND
TX-3-13	5/26/00	13.0	350	ND	ND	4.8	0.81	ND
TX-4-13	5/26/00	13.0	4.1	ND	ND	0.016	0.013	ND
<b><u>PRODUCT LINES (SOIL)</u></b>								
PT1 (3)	5/24/00	3.0	ND	ND	ND	ND	ND	ND
PT2 (4)	5/24/00	4.0	ND	ND	ND	ND	ND	ND
PT3 (4.5)	5/24/00	4.5	ND	ND	ND	ND	ND	ND
PT4 (5.5)	5/24/00	5.5	ND	ND	ND	ND	ND	ND
<b><u>GASOLINE TANK PIT STOCKPILE</u></b>								
Comp S1	5/24/00	NA	ND	ND	ND	ND	ND	ND
Comp S2	5/24/00	NA	ND	ND	ND	ND	ND	ND



## GETTLER-RYAN INC.

### FIELD METHODS AND PROCEDURES

#### Site Safety Plan

Field work performed by Gettler-Ryan Inc. (GR) is conducted in accordance with GR's Health and Safety Plan and the Site Safety Plan. GR personnel and subcontractors who perform work at the site are briefed on the contents of these plans prior to initiating site work. The GR geologist or engineer at the site when the work is performed acts as the Site Safety Officer. GR utilizes a photoionization detector (PID) to monitor ambient conditions as part of the Health and Safety Plan.

#### Collection of Samples

Soil samples are collected from the wall or base of the excavation with a hand-driven sampling device fitted with a 2-inch-diameter, clean brass tube or stainless steel liner. If safety considerations preclude collection of the samples with the drive sampler, the excavating equipment is used to bring soil from the pit wall to the surface, where a sample tube is filled by driving it into the soil in the excavator's bucket. After removal from the sampling device, sample tubes are covered on both ends with teflon sheeting, capped, labeled, and placed in a cooler with blue ice for preservation. A chain-of-custody form is initiated in the field and accompanies the selected soil samples to the analytical laboratory.

If it is necessary to collect a sample of groundwater standing in the UST pit, the sample is collected by lowering a new, clean teflon bailer into the pit from a safe position along the pit wall. Once filled and retrieved, the groundwater in the bailer is carefully decanted into the appropriate containers supplied by the analytical laboratory. If required, preservative is added to the sample bottles by the laboratory prior to delivery. The samples are then labeled and placed in a cooler with blue ice for preservation. A chain-of-custody form is initiated in the field and accompanies the selected soil samples to the analytical laboratory.

#### Field Screening of Soil Samples

A PID is used to perform head-space analysis in the field for the presence of organic vapors from soil samples. This test procedure involves placing a small amount of the soil to be screened in a sealable plastic bag. The bag is warmed in the sun to allow organic compounds in the soil sample to volatilize. The PID probe is inserted through the wall of the bag and into the headspace inside, and the meter reading is recorded in the field notes. An alternative method involves placing a plastic cap over the end of the sample tube. The PID probe is placed through a hole in the plastic cap, and vapors with the covered tube measured. Head-space screening is performed and results recorded as reconnaissance data only. GR does not consider field screening techniques to be verification of the presence or absence of hydrocarbons.

### **Storing and Sampling of Soil Stockpiles**

Excavated material is stockpiled on and covered with plastic sheeting. Stockpile samples are collected and analyzed for disposal classification on the basis of one composite sample per 100 cubic yards of soil. Stockpile samples are composed of four discrete soil samples, each collected from an arbitrary location on the stockpile. The four discrete samples are then composited in the laboratory prior to analysis. Each discrete stockpile sample is collected by removing the upper 12 to 18 inches of soil, and then driving the stainless steel or brass sample tube into the stockpiled material with a mallet or drive sampler. The sample tubes are then covered on both ends with teflon sheeting, capped, labeled, and placed in a cooler with blue ice for preservation. A chain-of-custody form is initiated in the field and accompanies the selected soil samples to the analytical laboratory. Stockpiled soils are covered with plastic sheeting after completion of sampling.



# Sequoia Analytical

---

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

12 June, 2000

Clyde Galantine  
Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin, CA 94568

RE: Tosco  
Sequoia Report W005719

Enclosed are the results of analyses for samples received by the laboratory on 26-May-00 17:13. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater  
Project Manager

CA ELAP Certificate #1271





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Clyde Galantine

Reported:  
12-Jun-00 11:15

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TX-1-13	W005719-01	Soil	26-May-00 10:15	26-May-00 17:13
TX-2-13	W005719-02	Soil	26-May-00 10:20	26-May-00 17:13
TX-3-13	W005719-03	Soil	26-May-00 10:25	26-May-00 17:13
TX-4-13	W005719-04	Soil	26-May-00 10:30	26-May-00 17:13

Sequoia Analytical - Walnut Creek

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Charlie Westwater, Project Manager





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Clyde Galantine

Reported:  
12-Jun-00 11:15

**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>TX-1-13 (W005719-01) Soil</b> Sampled: 26-May-00 10:15    Received: 26-May-00 17:13									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0F01003	01-Jun-00	01-Jun-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		69.3 %	40-140		"	"	"	"	
<b>TX-2-13 (W005719-02) Soil</b> Sampled: 26-May-00 10:20    Received: 26-May-00 17:13 <span style="float:right"><b>P-01</b></span>									
Purgeable Hydrocarbons	1.1	1.0	mg/kg	20	0F01003	01-Jun-00	01-Jun-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.014	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.015	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		71.2 %	40-140		"	"	"	"	
<b>TX-3-13 (W005719-03) Soil</b> Sampled: 26-May-00 10:25    Received: 26-May-00 17:13 <span style="float:right"><b>P-07</b></span>									
Purgeable Hydrocarbons	350	50	mg/kg	1000	0F01003	01-Jun-00	01-Jun-00	EPA 8015/8020	
Benzene	ND	0.25	"	"	"	"	"	"	
Toluene	ND	0.25	"	"	"	"	"	"	
Ethylbenzene	4.8	0.25	"	"	"	"	"	"	
Xylenes (total)	0.81	0.25	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	2.5	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		84.0 %	40-140		"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Clyde Galantine

Reported:  
12-Jun-00 11:15

**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
TX-4-13 (W005719-04) Soil Sampled: 26-May-00 10:30 Received: 26-May-00 17:13									P-07
Purgeable Hydrocarbons	4.1	1.0	mg/kg	20	0F01003	01-Jun-00	01-Jun-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	0.016	0.0050	"	"	"	"	"	"	
Xylenes (total)	0.013	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
Surrogate: <i>a,a,a</i> -Trifluorotoluene		47.0 %		40-140	"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Clyde Galantine

**Reported:**  
12-Jun-00 11:15

**Total Metals by EPA 6000/7000 Series Methods  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>TX-2-13 (W005719-02) Soil</b> <b>Sampled: 26-May-00 10:20</b> <b>Received: 26-May-00 17:13</b>									
Lead	11	2.0	mg/kg	1	0F09013	09-Jun-00	10-Jun-00	EPA 6010A	
<b>TX-3-13 (W005719-03) Soil</b> <b>Sampled: 26-May-00 10:25</b> <b>Received: 26-May-00 17:13</b>									
Lead	5.5	2.0	mg/kg	1	0F09013	09-Jun-00	10-Jun-00	EPA 6010A	
<b>TX-4-13 (W005719-04) Soil</b> <b>Sampled: 26-May-00 10:30</b> <b>Received: 26-May-00 17:13</b>									
Lead	5.5	2.0	mg/kg	1	0F09013	09-Jun-00	10-Jun-00	EPA 6010A	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Clyde Galantine

Reported:  
12-Jun-00 11:15

**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	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	-----------	-------------	-----	-----------	-------

**Batch 0F01003 - EPA 5030B [MeOH]**

**Blank (0F01003-BLK1)**

Prepared & Analyzed: 01-Jun-00

Purgeable Hydrocarbons	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	0.619		"	0.600		103	40-140			

**LCS (0F01003-BS1)**

Prepared & Analyzed: 01-Jun-00

Benzene	0.440	0.0050	mg/kg	0.800		55.0	50-150			
Toluene	0.492	0.0050	"	0.800		61.5	50-150			
Ethylbenzene	0.568	0.0050	"	0.800		71.0	50-150			
Xylenes (total)	1.70	0.0050	"	2.40		70.8	50-150			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	0.616		"	0.600		103	40-140			

**Matrix Spike (0F01003-MS1)**

Source: W005768-01

Prepared & Analyzed: 01-Jun-00

Benzene	0.550	0.0050	mg/kg	0.800	ND	68.8	50-150			
Toluene	0.624	0.0050	"	0.800	ND	78.0	50-150			
Ethylbenzene	0.714	0.0050	"	0.800	ND	89.2	50-150			
Xylenes (total)	2.14	0.0050	"	2.40	ND	89.2	50-150			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	0.648		"	0.600		108	40-140			

**Matrix Spike Dup (0F01003-MSD1)**

Source: W005768-01

Prepared & Analyzed: 01-Jun-00

Benzene	0.544	0.0050	mg/kg	0.800	ND	68.0	50-150	1.10	20	
Toluene	0.612	0.0050	"	0.800	ND	76.5	50-150	1.94	20	
Ethylbenzene	0.698	0.0050	"	0.800	ND	87.3	50-150	2.27	20	
Xylenes (total)	2.10	0.0050	"	2.40	ND	87.5	50-150	1.89	20	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	0.624		"	0.600		104	40-140			







Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Clyde Galantine

Reported:  
12-Jun-00 11:15

**Total Metals by EPA 6000/7000 Series Methods - Quality Control  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 0F09013 - EPA 3050B</b>										
<b>Blank (0F09013-BLK1)</b>										
				Prepared: 09-Jun-00 Analyzed: 10-Jun-00						
Lead	ND	2.0	mg/kg							
<b>LCS (0F09013-BS1)</b>										
				Prepared: 09-Jun-00 Analyzed: 10-Jun-00						
Lead	60.0	2.0	mg/kg	50.0		120	80-120			
<b>LCS Dup (0F09013-BSD1)</b>										
				Prepared: 09-Jun-00 Analyzed: 10-Jun-00						
Lead	60.0	2.0	mg/kg	50.0		120	80-120	0	20	
<b>Matrix Spike (0F09013-MS1)</b>										
				Source: W005719-04		Prepared: 09-Jun-00 Analyzed: 10-Jun-00				
Lead	65.0	2.0	mg/kg	50.0	5.5	119	80-120			
<b>Matrix Spike Dup (0F09013-MSD1)</b>										
				Source: W005719-04		Prepared: 09-Jun-00 Analyzed: 10-Jun-00				
Lead	60.0	2.0	mg/kg	50.0	5.5	109	80-120	8.00	20	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Clyde Galantine

Reported:  
12-Jun-00 11:15

### Notes and Definitions

- P-01 Chromatogram Pattern: Gasoline C6-C12
- P-07 Chromatogram Pattern: Gasoline C6-C12 + Unidentified Hydrocarbons >C10
- 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 000378  
**TOSCO**

885 Jarvis Drive • Morgan Hill, CA 95037 • (408) 776-9600 • FAX (408) 732-0500  
 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 14210602 Project Name: F. Tosco # 7004  
 Address: 6747 Sierra Ct Suite J TOSCO Engineer (required) Dave DeWitt  
 City: Dublin State: CA Zip Code: 94568 W005719  
 Telephone: (925) 551-7555 FAX #: (925) 551-7888 Site #, City, State: # 7004 San Leandro, 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  Drinking Water  
 2 Work Days  1 Work Day  2-8 Hours  Waste Water  
 CODE:  Misc.  Detect.  Eval.  Remed.  Demol.  Closure  Other

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Analyses Requested						Comments	
						TPH (EPA 8015 Mod. Gas)	BTEX (EPA 8020)	MTBE (EPA 8020)	TPH (EPA 8015 Mod. Diesel)	Volatile Organics (EPA 8260)	MTBE Confirmation (EPA 8260)		
1. TX-1-13	5/26/00 10:15	soil	1	tube	01A	X	X	X					If TPHg detected then run for total Pb
2. TX-2-13	↓ 10:20	↓	1	↓	02A	X	X	X					
3. TX-3-13	↓ 10:25	↓	1	↓	03A	X	X	X					
4. TX-4-13	↓ 10:30	↓	1	↓	04A	X	X	X					
5.													
6.													
7.													
8.													
9.													
10.													

Relinquished By: Clyde Galantine Date: 5/26/00 Time: 12:30 Received By: Made Collier Date: 5-26 Time: 15:23  
 Relinquished By: Made Collier Date: 5-26 Time: 17:13 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received By: Made Collier Date: 5/26/00 Time: 17:13

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



# Sequoia Analytical

---

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

1 June, 2000

Doug Lee  
Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin, CA 94568

RE: Tosco  
Sequoia Report: W005653

Enclosed are the results of analyses for samples received by the laboratory on 24-May-00 18:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater  
Project Manager

CA ELAP Certificate #1271





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

Reported:  
01-Jun-00 11:56

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp S1(A-D)	W005653-01	Soil	24-May-00 00:00	24-May-00 18:15
Comp S2(A-D)	W005653-02	Soil	24-May-00 00:00	24-May-00 18:15

Sequoia Analytical - Walnut Creek

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

Charlie Westwater, Project Manager





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

**Reported:**  
01-Jun-00 11:56

**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>Comp S1(A-D) (W005653-01) Soil</b> <b>Sampled: 24-May-00 00:00</b> <b>Received: 24-May-00 18:15</b>									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0E31002	31-May-00	31-May-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.7 %	40-140	"	"	"	"	"	
<b>Comp S2(A-D) (W005653-02) Soil</b> <b>Sampled: 24-May-00 00:00</b> <b>Received: 24-May-00 18:15</b>									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0E31002	31-May-00	31-May-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.7 %	40-140	"	"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

**Reported:**  
01-Jun-00 11:56

**Total Metals by EPA 6000/7000 Series Methods  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>Comp S1(A-D) (W005653-01) Soil</b> <b>Sampled: 24-May-00 00:00</b> <b>Received: 24-May-00 18:15</b>									
Lead	4.1	1.0	mg/kg	1	0E26023	26-May-00	29-May-00	EPA 6010A	
<b>Comp S2(A-D) (W005653-02) Soil</b> <b>Sampled: 24-May-00 00:00</b> <b>Received: 24-May-00 18:15</b>									
Lead	1.7	1.0	mg/kg	1	0E26023	26-May-00	29-May-00	EPA 6010A	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

Reported:  
01-Jun-00 11:56

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 0E31002 - EPA 5030B [MeOH]**

**Blank (0E31002-BLK1)**

Prepared & Analyzed: 31-May-00

Purgeable Hydrocarbons	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	0.610		"	0.600		102	40-140			

**LCS (0E31002-BS1)**

Prepared & Analyzed: 31-May-00

Benzene	0.494	0.0050	mg/kg	0.800		61.7	50-150			
Toluene	0.550	0.0050	"	0.800		68.8	50-150			
Ethylbenzene	0.632	0.0050	"	0.800		79.0	50-150			
Xylenes (total)	1.89	0.0050	"	2.40		78.7	50-150			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	0.684		"	0.600		114	40-140			

**Matrix Spike (0E31002-MS1)**

Source: W005653-01

Prepared & Analyzed: 31-May-00

Benzene	0.670	0.0050	mg/kg	0.800	ND	83.8	50-150			
Toluene	0.742	0.0050	"	0.800	ND	92.7	50-150			
Ethylbenzene	0.826	0.0050	"	0.800	ND	103	50-150			
Xylenes (total)	2.46	0.0050	"	2.40	ND	102	50-150			
<i>Surrogate: a,a,a-Trifluorotoluene</i>	0.676		"	0.600		113	40-140			

**Matrix Spike Dup (0E31002-MSD1)**

Source: W005653-01

Prepared & Analyzed: 31-May-00

Benzene	0.726	0.0050	mg/kg	0.800	ND	90.8	50-150	8.02	20	
Toluene	0.798	0.0050	"	0.800	ND	99.7	50-150	7.27	20	
Ethylbenzene	0.880	0.0050	"	0.800	ND	110	50-150	6.33	20	
Xylenes (total)	2.63	0.0050	"	2.40	ND	110	50-150	6.68	20	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	0.714		"	0.600		119	40-140			







Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

Reported:  
01-Jun-00 11:56

**Total Metals by EPA 6000/7000 Series Methods - Quality Control  
Sequoia Analytical - Walnut Creek**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 0E26023 - EPA 3050B</b>										
Blank (0E26023-BLK1) Prepared: 26-May-00 Analyzed: 29-May-00										
Lead	ND	1.0	mg/kg							
LCS (0E26023-BS1) Prepared: 26-May-00 Analyzed: 29-May-00										
Lead	56.2	1.0	mg/kg	50.0		112	80-120			
LCS Dup (0E26023-BSD1) Prepared: 26-May-00 Analyzed: 29-May-00										
Lead	53.8	1.0	mg/kg	50.0		108	80-120	4.36	20	
Matrix Spike (0E26023-MS1) Source: W005653-02 Prepared: 26-May-00 Analyzed: 29-May-00										
Lead	54.3	1.0	mg/kg	50.0	1.7	105	80-120			
Matrix Spike Dup (0E26023-MSD1) Source: W005653-02 Prepared: 26-May-00 Analyzed: 29-May-00										
Lead	53.9	1.0	mg/kg	50.0	1.7	104	80-120	0.739	20	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

**Reported:**  
01-Jun-00 11:56

### Notes and Definitions

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 000686**  
**TOSCO**

885 Jarvis Drive • Morgan Hill, CA 95031 • (408) 770-9000 • FAX (408) 762-0000  
 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 INC. GR#: 140106.02** Project Name: **15599 HESPERIAN BLVD.**  
 Address: **6747 SIERRA COURT, SUITE 3** TOSCO Engineer (required) **DAVE DE WITT**  
 City: **WALNUT** State: **CA** Zip Code: **94568** **WOODS 653**  
 Telephone: **(925) 551-7955** FAX #: **(925) 551-7998** Site #, City, State: **7004, SAN LEANDRO, CA**  
 Report To: **DOUG LEE** Sampler: **DOUG LEE** 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  Other

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

Analyses Requested:  Drinking Water  Waste Water

COMPOSITE COMPOSITE

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Analyses Requested							Comments	
						TPH (EPA 8015 Mod. 600)	BTEX (EPA 8020)	MTBE (EPA 8020)	TPH (EPA 8015 Mod. Diesel)	Volatile Organics (EPA 8210)	MTBE Confirmation (EPA 8260)	TOTAL PD		
1. COMP. S1-A	5/24/00	SOIL	1	TURE	O1A-D	X	X	X				X		PLEASE FAX RESULTS TO BR BY 5:00PM 5/31/00
2. COMP. S1-B	↓	↓	↓	↓	↓	↓	↓	↓				↓		
3. COMP. S1-C	↓	↓	↓	↓	↓	↓	↓	↓				↓		
4. COMP. S1-D	↓	↓	↓	↓	↓	↓	↓	↓				↓		
5. COMP. S2-A	↓	↓	↓	↓	O2A-P	↓	↓	↓				↓		
6. COMP. S2-B	↓	↓	↓	↓	↓	↓	↓	↓				↓		
7. COMP. S2-C	↓	↓	↓	↓	↓	↓	↓	↓				↓		
8. COMP. S2-D	↓	↓	↓	↓	↓	↓	↓	↓				↓		
9.														
10.														

Relinquished By: <i>[Signature]</i>	Date: <b>5/24/00</b>	Time: <b>18:15</b>	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: <i>[Signature]</i>	Date: <b>5/24/00</b>	Time: <b>18:15</b>

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 - Centuria



# Sequoia Analytical

---

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

12 June, 2000

Doug Lee  
Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin, CA 94568

RE: Tosco  
Sequoia Report W005654

Enclosed are the results of analyses for samples received by the laboratory on 24-May-00 18:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Charlie Westwater  
Project Manager

CA ELAP Certificate #1271





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

Reported:  
12-Jun-00 11:31

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PT1(3)	W005654-01	Soil	24-May-00 00:00	24-May-00 18:15
PT2(4)	W005654-02	Soil	24-May-00 00:00	24-May-00 18:15
PT3(4.5)	W005654-03	Soil	24-May-00 00:00	24-May-00 18:15
PT4(5.5)	W005654-04	Soil	24-May-00 00:00	24-May-00 18:15

Sequoia Analytical - Walnut Creek

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

  
Charlie Westwater, Project Manager





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

Reported:  
12-Jun-00 11:31

**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>PT1(3) (W005654-01) Soil</b> Sampled: 24-May-00 00:00 Received: 24-May-00 18:15									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0F01003	01-Jun-00	05-Jun-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.5 %	40-140		"	"	"	"	
<b>PT2(4) (W005654-02) Soil</b> Sampled: 24-May-00 00:00 Received: 24-May-00 18:15									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0F01003	01-Jun-00	05-Jun-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		58.7 %	40-140		"	"	"	"	
<b>PT3(4.5) (W005654-03) Soil</b> Sampled: 24-May-00 00:00 Received: 24-May-00 18:15									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0F01003	01-Jun-00	05-Jun-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		69.3 %	40-140		"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

**Reported:**  
12-Jun-00 11:31

**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>PT4(5.5) (W005654-04) Soil Sampled: 24-May-00 00:00 Received: 24-May-00 18:15</b>									
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0F01003	01-Jun-00	05-Jun-00	EPA 8015/8020	
Benzene	ND	0.0050	"	"	"	"	"	"	
Toluene	ND	0.0050	"	"	"	"	"	"	
Ethylbenzene	ND	0.0050	"	"	"	"	"	"	
Xylenes (total)	ND	0.0050	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.050	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		76.0 %		40-140	"	"	"	"	





Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

Reported:  
12-Jun-00 11:31

**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
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

**Batch 0F01003 - EPA 5030B [MeOH]**

**Blank (0F01003-BLK1)**

Prepared & Analyzed: 01-Jun-00

Purgeable Hydrocarbons	ND	1.0	mg/kg							
Benzene	ND	0.0050	"							
Toluene	ND	0.0050	"							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	ND	0.0050	"							
Methyl tert-butyl ether	ND	0.050	"							
<i>Surrogate: a,a,α-Trifluorotoluene</i>	0.619		"	0.600		103	40-140			

**LCS (0F01003-BS1)**

Prepared & Analyzed: 01-Jun-00

Benzene	0.440	0.0050	mg/kg	0.800		55.0	50-150			
Toluene	0.492	0.0050	"	0.800		61.5	50-150			
Ethylbenzene	0.568	0.0050	"	0.800		71.0	50-150			
Xylenes (total)	1.70	0.0050	"	2.40		70.8	50-150			
<i>Surrogate: a,a,α-Trifluorotoluene</i>	0.616		"	0.600		103	40-140			

**Matrix Spike (0F01003-MS1)**

Source: W005768-01

Prepared & Analyzed: 01-Jun-00

Benzene	0.550	0.0050	mg/kg	0.800	ND	68.8	50-150			
Toluene	0.624	0.0050	"	0.800	ND	78.0	50-150			
Ethylbenzene	0.714	0.0050	"	0.800	ND	89.2	50-150			
Xylenes (total)	2.14	0.0050	"	2.40	ND	89.2	50-150			
<i>Surrogate: a,a,α-Trifluorotoluene</i>	0.648		"	0.600		108	40-140			

**Matrix Spike Dup (0F01003-MSD1)**

Source: W005768-01

Prepared & Analyzed: 01-Jun-00

Benzene	0.544	0.0050	mg/kg	0.800	ND	68.0	50-150	1.10	20	
Toluene	0.612	0.0050	"	0.800	ND	76.5	50-150	1.94	20	
Ethylbenzene	0.698	0.0050	"	0.800	ND	87.3	50-150	2.27	20	
Xylenes (total)	2.10	0.0050	"	2.40	ND	87.5	50-150	1.89	20	
<i>Surrogate: a,a,α-Trifluorotoluene</i>	0.624		"	0.600		104	40-140			







Gettler Ryan, Inc. - Dublin  
6747 Sierra Court Suite J  
Dublin CA, 94568

Project: Tosco  
Project Number: Tosco # 7004  
Project Manager: Doug Lee

**Reported:**  
12-Jun-00 11:31

### Notes and Definitions

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 000685**  
**TOSCO**

605 Jarvis Drive • Morgan Hill, CA 95031 • (408) 770-3000  
 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 INC. GR#: 140106.02** Project Name: **15599 HESPERIAN BLVD.**  
 Address: **6747 SIERRA COURT, SUITE J** TOSCO Engineer (required) **DAVE DE WITT**  
 City: **DUBLIN** State: **CA** Zip Code: **94568** **WOODS 659**  
 Telephone: **(925) 551-7555** FAX #: **551-7888** Site #, City, State: **7004, SAN LEANDRO, CA**  
 Report To: **DOUG LEE** Sampler: **DOUG LEE** QC Data:  Level D (Standard)  Level C  Level B  Level A

Turnaround Time:  10 Work Days  5 Work Days  3 Work Days  2 Work Days  1 Work Day  2-8 Hours  
 Drinking Water  Waste Water  Other  
**CODE:**  Misc.  Detect.  Eval.  Remed.  Demol.  Closure

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	Analyses Requested							Comments	
						TPH (EPA 8015 Mod. Gas)	BTEX (EPA 8020)	MTBE (EPA 8020)	TPH (EPA 8015 Mod. Diesel)	Volatile Organics (EPA 8260)	MTBE Confirmation (EPA 8260)			
1. PT1 (3)	5/24/00	SOIL	1	TUBE	01A	X	X	X						
2. PT2 (4)	↓	↓	↓	↓	02A	↓	↓	↓						
3. PT3 (4.5)	↓	↓	↓	↓	03A	↓	↓	↓						
4. PT4 (5.5)	↓	↓	↓	↓	04A	↓	↓	↓						
5.														
6.														
7.														
8.														
9.														
10.														

Relinquished By: <i>[Signature]</i>	Date: <b>5/24/00</b>	Time: <b>18:15</b>	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: <i>[Signature]</i>	Date: <b>5/24/00</b>	Time: <b>18:15</b>

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