



# GETTLER-RYAN INC.

ENVIRONMENTAL  
PROTECTION

MAR 17 PM 3:01

## TRANSMITTAL

TO: Mr. Robert Weston  
Alameda County Dept. of Envir. Health  
1131 Harbor Bay Pkwy., Suite 250  
Alameda, California 94502-6577

DATE: March 15, 1999  
PROJ. #: 140179.03  
SUBJECT: Tosco 76  
Branded Facility No. 02486  
2504 Castro Valley Blvd.  
Castro Valley, CA

FROM: Haig Kevork  
Gettler-Ryan Inc.  
6747 Sierra Court, Suite J  
Dublin, California 94568

### WE ARE SENDING YOU:

COPIES	DATED	DESCRIPTION
1	March 15, 1999	Product Piping Replacement 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:

At the request of Tosco Marketing Company, we are sending one copy of the above report for your files. If you have any questions or comments, please call me at (925) 551-7555.



# GETTLER-RYAN INC.

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March 15, 1999

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

**Subject: Product Piping Replacement and Dispenser Upgrade Report for Tosco 76 Branded Facility No. 02486, 2504 Castro Valley Boulevard, Castro Valley, California.**

Dear Mr. De Witt:

At the request of Tosco Marketing Company, Gettler-Ryan Inc. (GR) conducted a soil investigation during product piping replacement and dispenser upgrade at the subject site. The purpose was to assess whether petroleum hydrocarbons have impacted the soil beneath the former product lines and dispensers. The scope of work included: observing removal of the former product piping and dispensers; collecting soil samples from former product piping trench excavations, beneath the former dispensers, and the soil stockpile; submitting soil samples for analysis; coordinating disposal of the stockpile; and preparing a report of the field activities and analytical results. Construction activities were performed by K. E. Curtis Construction Company, Inc. of Newbury Park, California.

## **SITE DESCRIPTION**

The subject site is an active service station located on the northeast corner of the intersection of Castro Valley Boulevard and Stanton Avenue in Castro Valley, California (Figure 1). Station facilities include three gasoline underground storage tanks (USTs) in a common pit, three product dispenser islands, and one station building. It is GR's understanding that some groundwater monitoring wells have been installed and are currently monitored and sampled by others. Pertinent site features are shown on Figure 2.

## **FIELD WORK**

Sampling was performed in accordance with the GR Field Methods and Procedures (attached). All soil samples collected during this investigation were submitted under chain-of-custody Sequoia Analytical Laboratory located in Walnut Creek, California (ELAP #1271). The Alameda County Department of Environmental Health was notified of the sampling event by the

140179.03

contractor. Analytical methods and results are summarized in Table 1. Copies of the laboratory analytical reports and chain-of-custody records are attached.

### **Product Line and Dispenser Removal and Soil Sampling**

On December 14, 1998, the product dispensers and 2-inch-diameter double-wall fiberglass product lines were removed. GR personnel collected ten soil samples, labeled D1 through D10, from the native soil beneath the product dispensers at depths of 3.25 feet below ground surface (bgs). Five soil samples (P1 through P5) were collected from the product piping trenches at depths of approximately 3.75 feet bgs. Dispenser islands, product piping trenches and sample locations are shown on Figure 2. Native soil in the vicinity of the product piping trenches and dispensers consisted of silty clay.

All fifteen soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg), benzene, toluene, ethylbenzene, and xylenes (BTEX), and methyl tert-butyl ether (MTBE). TPHg was not detected in six soil samples (D1, D4, D5, D9, D10, and P4) and was detected in samples D2, D7 and P2 (reported by the laboratory as unidentified hydrocarbons C6-C12) at concentrations of 130 ppm, 2.3 ppm and 2.3 ppm, respectively, in sample P1 (reported by the laboratory as gasoline and unidentified hydrocarbons >C10) at a concentration of 260 ppm, in sample P3 (reported by the laboratory as gasoline and unidentified hydrocarbons C6-C12) at 4.2 ppm, and in samples D3, D4, D8, and P5 at 32 ppm, 120 ppm, 82 ppm and 5 ppm, respectively. Benzene was not detected in four soil samples (D1, D5, D10, and P2), and was detected in all other eleven soil samples at concentrations ranging between 0.0080 ppm and 1.3 ppm. MTBE was not detected in Samples D1 through D5, and sample P1, and was detected in all other nine samples at concentrations ranging between 0.15 ppm and 1.6 ppm. Analytical methods and results are summarized in Table 1. Soil sample locations are shown on the attached Figure 2.

### **Stockpile Sampling**

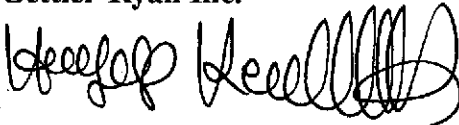
Soil generated during piping removal activities was stockpiled at the site pending disposal. On December 14, 1998, one composite soil sample, labeled Comp-PT, was collected from approximately 60 cubic yards of stockpiled soil for disposal characterization. The composite sample consisted of four individual grab samples collected from arbitrary locations on the stockpiled soil. The stockpile soil sample was analyzed for TPHg, BTEX, total lead, and MTBE. The analytical results for the stockpile soil sample are summarized in Table 1.

## SOIL DISPOSAL

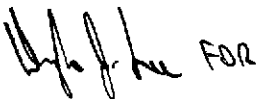
On December 24, 1998, January 21 and 27, 1999, Denbeste Transportation, Inc. of Windsor, California, removed the soil stockpile from the site and transported a total of 102.36 tons of soil to the Forward, Inc. disposal facility in Manteca, California. A copy of the Forward Landfill acceptance documentation is attached.

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

Sincerely,  
Gettler-Ryan Inc.



Hagop Kevork  
Staff Engineer  
P.E. C55734



David J. Vossler  
Project Manager

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

**Table 1 - Soil Chemical Analytical Data**

Tosco 76 Branded Facility No. 02486

2504 Castro Valley Boulevard

Castro Valley, California

Sample ID	Date Collected	Sample Depth (feet)	TPHg (ppm)	Benzene (ppm)	Toluene (ppm)	Ethyl-Benzene (ppm)	Xylenes (ppm)	MTBE (ppm)
<b><u>PRODUCT DISPENSERS</u></b>								
D1	12/14/98	3.25	ND	ND	ND	ND	ND	ND
D2	12/14/98	3.25	130 <sup>1</sup>	0.058	0.084	0.10	0.25	ND
D3	12/14/98	3.25	32	0.21	0.10	0.072	0.17	ND
D4	12/14/98	3.25	120	0.42	0.31	1.4	1.1	ND
D5	12/14/98	3.25	ND	ND	ND	ND	ND	ND
D6	12/14/98	3.25	ND	0.013	ND	ND	ND	0.15
D7	12/14/98	3.25	2.3 <sup>1</sup>	0.011	0.0083	0.0066	0.033	0.38
D8	12/14/98	3.25	82	0.74	0.27	0.22	7.1	0.71
D9	12/14/98	3.25	ND	0.017	ND	ND	ND	0.33
D10	12/14/98	3.25	ND	ND	ND	ND	ND	0.38
<b><u>PRODUCT PIPING TRENCHES</u></b>								
P1	12/14/98	3.75	260 <sup>2</sup>	1.3	0.81	0.71	0.68	ND
P2	12/14/98	3.75	2.3 <sup>1</sup>	ND	ND	0.0055	0.035	1.6
P3	12/14/98	3.75	4.2 <sup>3</sup>	0.13	ND	0.092	0.052	0.38
P4	12/14/98	3.75	ND	0.0080	0.0051	ND	ND	0.44
P5	12/14/98	3.75	5.0	0.27	0.64	0.20	1.2	0.53
<b><u>PRODUCT LINE STOCKPILE</u></b>								
Comp-PT <sup>4</sup>	12/14/98	NA	240 <sup>1</sup>	ND	0.61	0.27	0.90	ND

## Table 1 - Soil Chemical Analytical Data

Tosco 76 Branded Facility No. 02486  
2504 Castro Valley Boulevard  
Castro Valley, California

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### EXPLANATION:

ND = none detected

NA = not applicable (stockpiled soil)

ppm = parts per million

### ANALYTICAL LABORATORY:

Sequoia Analytical ( ELAP # 1271)

### NOTES:

<sup>1</sup> = Laboratory report indicates unidentified hydrocarbons C6-C12

<sup>2</sup> = Laboratory report indicates gasoline and unidentified hydrocarbons >C10

<sup>3</sup> = Laboratory report indicates gasoline and unidentified hydrocarbons C6-C12

<sup>4</sup> = Also analyzed for total lead (23 ppm)

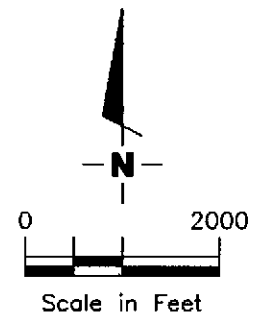
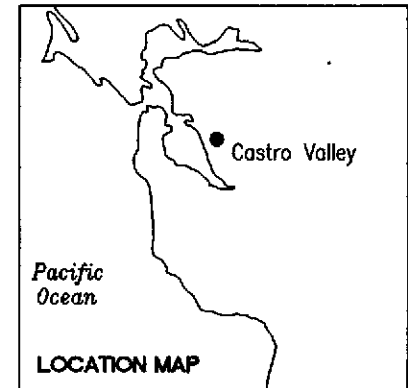
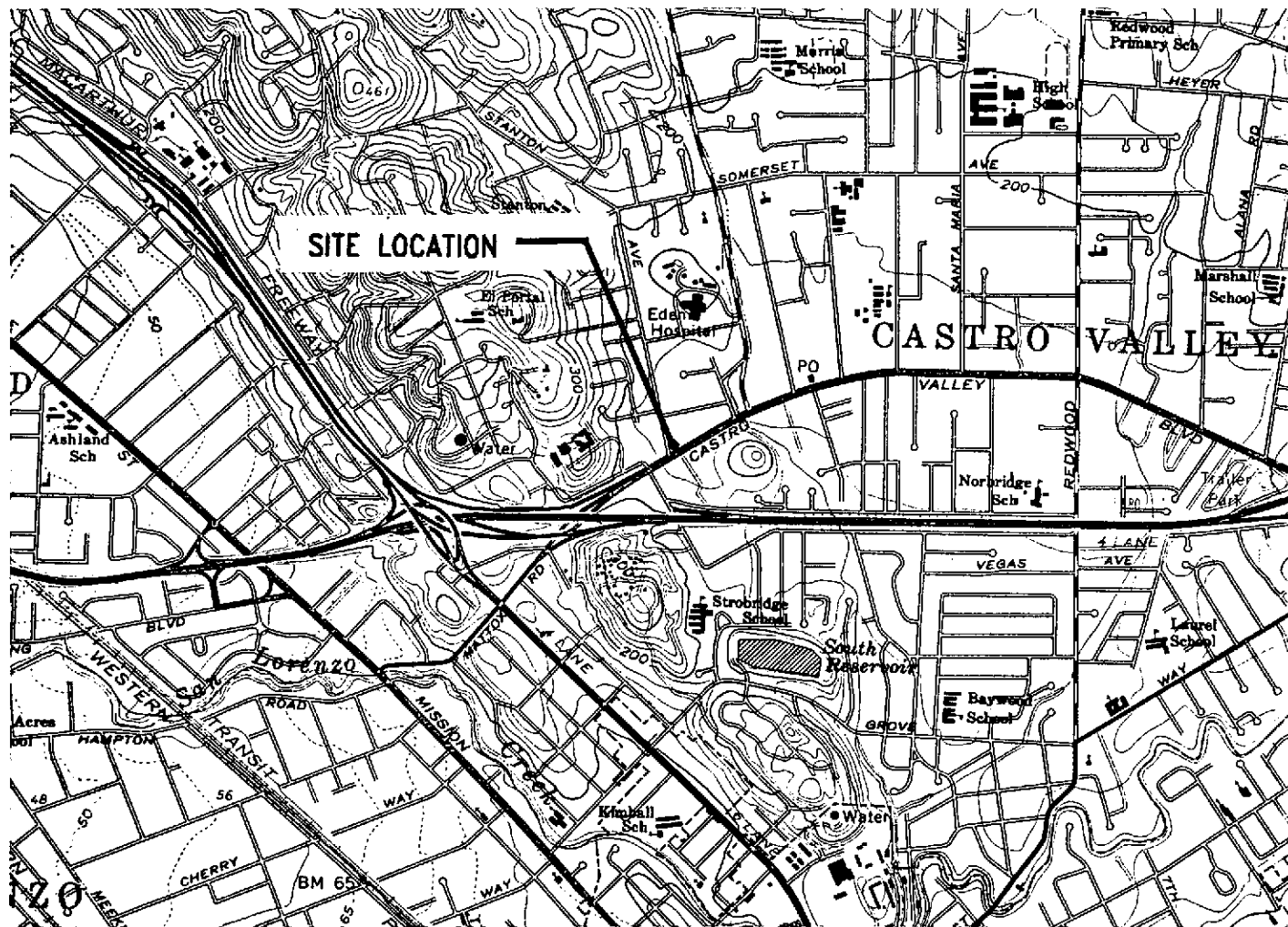
### ANALYTICAL METHODS:

TPHg = Total Petroleum Hydrocarbons as gasoline according to EPA Method 8015 Modified.

BTEX = Benzene, Toluene, Ethylbenzene, and Xylenes according to Method 8020.

MTBE = Methyl tert-butyl ether according to EPA Method 8020.

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Base Map: USGS Topographic Map



**Gettler - Ryan Inc.**

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

**VICINITY MAP**

Tosco 76 Branded Facility #02486  
2504 Castro Valley Boulevard  
Castro Valley, California

FIGURE

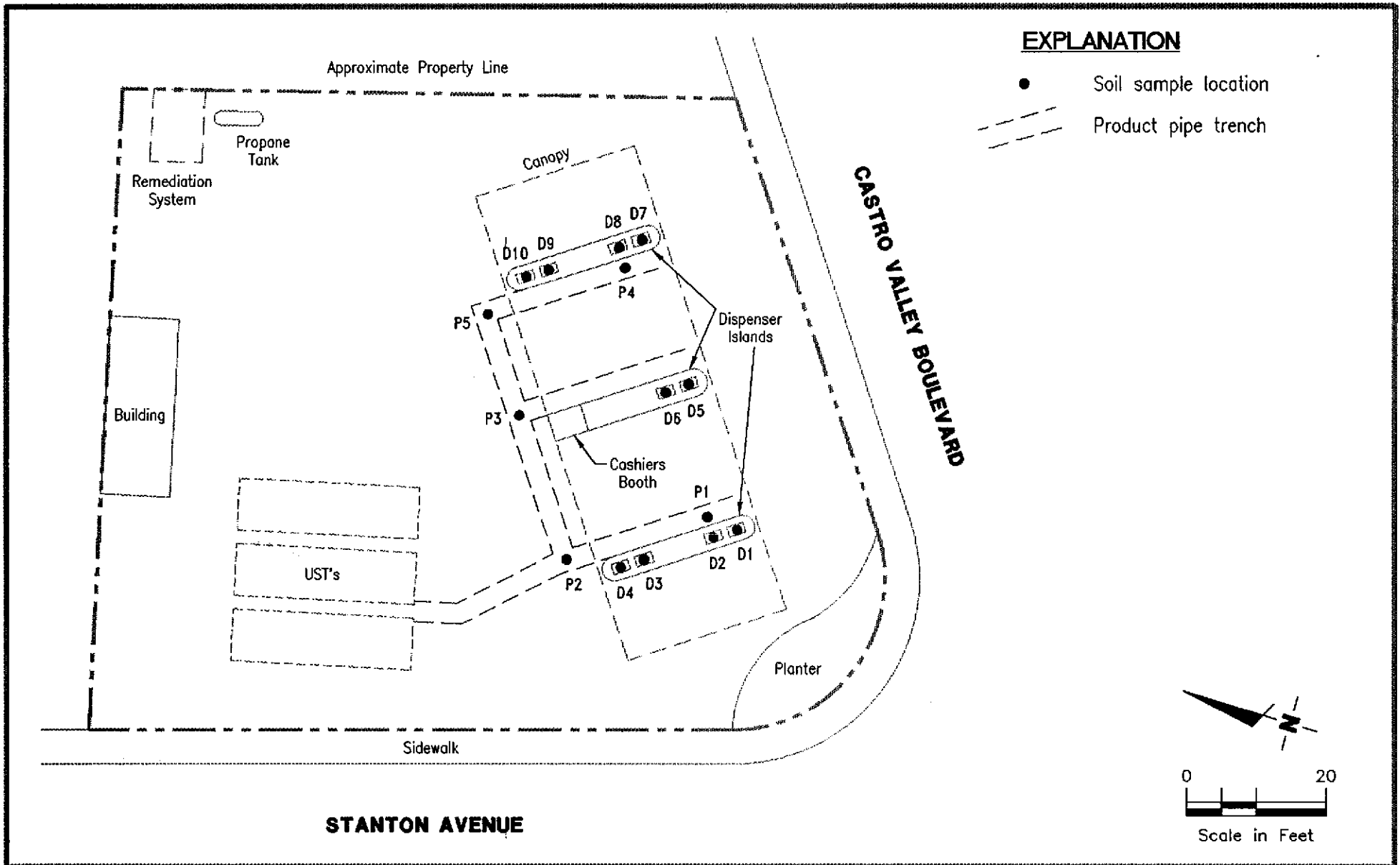
**1**

JOB NUMBER  
140179.03

REVIEWED BY

DATE  
January, 1999

REVISED DATE



**Gettler - Ryan Inc.**

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

**SITE PLAN/SAMPLE LOCATION MAP**  
Tosco 76 Branded Facility #02486  
2504 Castro Valley Boulevard  
Castro Valley, California

FIGURE

**2**

JOB NUMBER  
140179.03

REVIEWED BY

DATE  
January, 1999

REVISED DATE





**FORWARD**  
INCORPORATED

P.O. Box 6336

1145 W. Charter Way • Stockton, CA 95206

(209) 466-4482 • (800) 204-4242 • FAX (209) 466-1067

RECEIVED

FEB 11 1999

GETTLER-RYAN INC.  
GENERAL CONTRACTORS

Via Fax (925) 551-7888

February 9, 1999

Gettler-Ryan, Inc.  
Haig Kevork  
6747 Sierra Court, Ste J  
Dublin, Ca 94568

Re: **FORWARD, INC.** Approval No. 783722  
Hydrocarbon Contaminated Soil from  
2504 Castro Valley Blvd

Dear Mr. Kevork:

**FORWARD, INC.** is pleased to confirm the disposal of 102.36 tons of material as referenced above. The material was received at our Manteca, California facility for disposal on 12/24/98, 1/21/99 and 1/27/99. The material was placed in a Class 2 waste management unit.

Approval for this material was based on the information provided in the waste profile and associated materials submitted on behalf of Tosco Marketing Company (Generator). Acceptance of the waste is subject to the "Terms and Conditions" agreed to and signed by the Generator on the Waste Profile Form.

Thank you for the opportunity to be of service. Should you have any questions regarding this matter, please contact me or Customer Service at (800) 204-4242.

Sincerely,

**FORWARD, INC.**

Brad J. Bonner  
Sales Manager

BB/sr

## 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

680 Chesapeake Drive  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8  
1455 McDowell Blvd. North, Ste. D

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Sacramento, CA 95834  
Petaluma, CA 94954

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(707) 792-1865

FAX (650) 364-9233  
FAX (925) 988-9673  
FAX (916) 921-0100  
FAX (707) 792-0342

Gettler-Ryan - Dublin  
6747 Sierra Court, Suite J  
Dublin, CA 94568  
Attention: Haig Kevork

Client Project ID: Tosco #02486, Castro Valley  
Sample Matrix: Soil  
Analysis Method: EPA 5030/8015 Mod./8020  
First Sample #: 812-1058

**RECEIVED**  
DEC 30 1998

Sampled: Dec 14, 1998  
Received: Dec 14, 1998  
Reported: Dec 23, 1998

## GETTLER-RYAN INC. ANALYTICAL CONTRACTORS

### TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

Analyte	Reporting Limit mg/Kg	Sample I.D. 812-1058 D1	Sample I.D. 812-1059 D2	Sample I.D. 812-1060 D3	Sample I.D. 812-1061 D4	Sample I.D. 812-1062 D5	Sample I.D. 812-1063 D6
Purgeable Hydrocarbons	1.0	N.D.	130	32	120	N.D.	N.D.
Benzene	0.0050	N.D.	0.058	0.21	0.42	N.D.	0.013
Toluene	0.0050	N.D.	0.084	0.10	0.31	N.D.	N.D.
Ethyl Benzene	0.0050	N.D.	0.10	0.072	1.4	N.D.	N.D.
Total Xylenes	0.0050	N.D.	0.25	0.17	1.1	N.D.	N.D.
MTBE	0.050	N.D.	N.D.	N.D.	N.D.	N.D.	0.15

Chromatogram Pattern: -- Unidentified Gasoline Gasoline -- --  
Hydrocarbons C6 - C12

#### Quality Control Data

Report Limit Multiplication Factor:	1.0	5.0	10	50	1.0	1.0
Date Analyzed:	12/21/98	12/21/98	12/21/98	12/21/98	12/21/98	12/21/98
Instrument Identification:	HP-4	HP-4	HP-4	HP-4	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 40-140%)	98	63	107	*	89	92

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Please Note:

\* Surrogate recovery below control limit due to dilution.

*Julianne Fegley*  
Julianne Fegley  
Project Manager



# Sequoia Analytical

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FAX (707) 792-0342

Gettler-Ryan - Dublin  
6747 Sierra Court, Suite J  
Dublin, CA 94568  
Attention: Haig Kevork

Client Project ID: Tosco #02486, Castro Valley  
Sample Matrix: Soil  
Analysis Method: EPA 5030/8015 Mod./8020  
First Sample #: 812-1064

Sampled: Dec 14, 1998  
Received: Dec 14, 1998  
Reported: Dec 23, 1998

## TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

Analyte	Reporting Limit mg/Kg	Sample I.D. 812-1064 D7	Sample I.D. 812-1065 D8	Sample I.D. 812-1066 D9	Sample I.D. 812-1067 D10	Sample I.D. 812-1068 P1	Sample I.D. 812-1069 P2
Purgeable Hydrocarbons	1.0	2.3	82	N.D.	N.D.	260	2.3
Benzene	0.0050	0.011	0.74	0.017	N.D.	1.3	N.D.
Toluene	0.0050	0.0083	0.27	N.D.	N.D.	0.81	N.D.
Ethyl Benzene	0.0050	0.0066	0.22	N.D.	N.D.	0.71	0.0055
Total Xylenes	0.0050	0.033	7.1	N.D.	N.D.	0.68	0.035
MTBE	0.050	0.38	0.71	0.33	0.38	N.D.	1.6
Chromatogram Pattern:		Unidentified Hydrocarbons C6 - C12	Gasoline	--	--	Gasoline & Unidentified Hydrocarbons >C10	Unidentified Hydrocarbons C6 - C12

### Quality Control Data

Report Limit Multiplication Factor:	1.0	5.0	1.0	1.0	50	1.0
Date Analyzed:	12/21/98	12/21/98	12/21/98	12/21/98	12/21/98	12/21/98
Instrument Identification:	HP-4	HP-4	HP-4	HP-4	HP-4	HP-4
Surrogate Recovery, %: (QC Limits = 40-140%)	83	92	86	88	*	84

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.  
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

*Julianne Fegley*  
Julianne Fegley  
Project Manager

Please Note:

\* Surrogate recovery below control limit due to dilution.



# Sequoia Analytical

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FAX (707) 792-0342

Gettler-Ryan - Dublin  
6747 Sierra Court, Suite J  
Dublin, CA 94568  
Attention: Haig Kevork

Client Project ID: Tosco #02486, Castro Valley  
Matrix: Solid

QC Sample Group: 8121058-072

Reported: Dec 23, 1998

## QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl Benzene	Xylenes
Method:	EPA 8020	EPA 8020	EPA 8020	EPA 8020
Analyst:	D. Newcomb	D. Newcomb	D. Newcomb	D. Newcomb

MS/MSD Batch#:	8121058	8121058	8121058	8121058
Date Prepared:	12/21/98	12/21/98	12/21/98	12/21/98
Date Analyzed:	12/21/98	12/21/98	12/21/98	12/21/98
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
Conc. Spiked:	0.80 mg/kg	0.80 mg/kg	0.80 mg/kg	2.4 mg/kg
Matrix Spike % Recovery:	101	88	91	100
Matrix Spike Duplicate % Recovery:	90	78	80	88
Relative % Difference:	12	12	13	13

LCS Batch#:	4LCS122198	4LCS122198	4LCS122198	4LCS122198
Date Prepared:	12/21/98	12/21/98	12/21/98	12/21/98
Date Analyzed:	12/21/98	12/21/98	12/21/98	12/21/98
Instrument I.D.#:	HP-4	HP-4	HP-4	HP-4
LCS % Recovery:	124	106	113	125

% Recovery Control Limits:	50-150	50-150	50-150	50-150
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**Please Note:**

The LCS is a control sample of known, interferent free matrix that is analyzed using the same reagents, preparation, and analytical methods employed for the samples. The matrix spike is an aliquot of sample fortified with known quantities of specific compounds and subjected to the entire analytical procedure. If the recovery of analytes from the matrix spike does not fall within specified control limits due to matrix interference, the LCS recovery is to be used to validate the batch.

SEQUOIA ANALYTICAL, #1271

*Julianne Fegley*  
Julianne Fegley  
Project Manager



# SEQUOIA ANALYTICAL CHAIN OF CUSTODY

680 Chesapeake Drive • Redwood City, CA 94063 • (650) 364-9600 FAX (650) 364-9233  
 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100  
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 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342

Company Name: <b>GETTLER-RYAN INC.</b>		Project Name: <b>TOSCO # 02486-CASTRO VALLEY</b>	
Mailing Address: <b>6747 Sierra City Suite J</b>		Billing Address (if different): <b>9812285</b>	
City: <b>DUBLIN</b>	State: <b>CA</b>	Zip Code: <b>94568</b>	<b>TOSCO PROJECT MANAGER: TINA BERRY</b>
Telephone: <b>(925) 551-7555</b>		FAX #: <b>551-7888</b>	
Report To: <b>HAIG KEVORK</b>		Sampler: <b>HAIG KEVORK</b>	
QC Data: <input checked="" type="checkbox"/> Level D (Standard)		<input type="checkbox"/> Level C <input type="checkbox"/> Level B <input type="checkbox"/> Level A	

Turnaround  10 Working Days  3 Working Days  2 - 8 Hours  
 Time:  7 Working Days  2 Working Days  
 5 Working Days  24 Hours

Drinking Water  
 Waste Water  
 Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	IPH-G	BTEX	MTBE	Comments
1. P1	12/14/98	SOIL	1	BRASS TUBE	8121068	✓	✓	✓	
2. P2	↓	↓	1	↓	8121069	✓	✓	✓	
3. P3	↓	↓	1	↓	8121070	✓	✓	✓	
4. P4	↓	↓	1	↓	8121071	✓	✓	✓	
5. P5	↓	↓	1	↓	8121072	✓	✓	✓	
6.									
7.									
8.									
9.									
10.									

Relinquished By: <i>[Signature]</i>	Date: 12/14/98	Time:	Received By: <i>[Signature]</i>	Date: 12/14/98	Time: 1105
Relinquished By: <i>[Signature]</i>	Date: 12/14/98	Time: 1445	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab: <i>[Signature]</i>	Date: 12/14/98	Time: 1445

Pink - Client  
 Yellow - Sequoia  
 White - Sequoia



# Sequoia Analytical

680 Chesapeake Drive  
404 N. Wiget Lane  
819 Striker Avenue, Suite 8  
1455 McDowell Blvd. North, Ste. D

Redwood City, CA 94063  
Walnut Creek, CA 94598  
Sacramento, CA 95834  
Petaluma, CA 94954

(650) 364-9600  
(925) 988-9600  
(916) 921-9600  
(707) 792-1865

FAX (650) 364-9233  
FAX (925) 988-9673  
FAX (916) 921-0100  
FAX (707) 792-0342

Gettler-Ryan - Dublin  
6747 Sierra Court, Suite J  
Dublin, CA 94568  
Attention: Haig Kevork

Client Project ID: Tosco #02486, Castro Valley  
Sample Descript: Soil  
Analysis for: Lead  
First Sample #: 812-1054

Sampled: Dec 14, 1998  
Received: Dec 14, 1998  
Digested: Dec 14, 1998  
Analyzed: Dec 15, 1998  
Reported: Dec 15, 1998

## LABORATORY ANALYSIS FOR: Lead

Sample Number	Sample Description	Detection Limit mg/kg	Sample Result mg/kg
812-1054	Comp-PT	1.0	23

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL, #1271

*Julianne Fegley*  
Julianne Fegley  
Project Manager





# SEQUOIA ANALYTICAL CHAIN OF CUSTODY

680 Chesapeake Drive • Redwood City, CA 94063 • (650) 364-9600 FAX (650) 364-9233  
 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100  
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Company Name: <b>GETTLER-RYAN INC.</b>	Project Name: <b>TOSCO #02486 - CASTRO VALLEY</b>
Mailing Address: <b>6747 Sierra Ct, Suite J</b>	Billing Address (if different): <b>9812285</b>
City: <b>DUBLIN</b> State: <b>CA</b> Zip Code: <b>94568</b>	<b>TOSCO PROJECT MANAGER: TINA BERRY</b>
Telephone: <b>(925) 551-7555</b> FAX #: <b>551-7888</b>	P.O. #: <b>2504 CASTRO VALLEY BLVD.</b>
Report To: <b>HAIG KEVORK</b> Sampler: <b>HAIG KEVORK</b>	QC Data: <input checked="" type="checkbox"/> Level D (Standard) <input type="checkbox"/> Level C <input type="checkbox"/> Level B <input type="checkbox"/> Level A

Turnaround  10 Working Days  3 Working Days  2 - 8 Hours  
 Time:  7 Working Days  2 Working Days  
 5 Working Days  24 Hours

Drinking Water  Waste Water  Other  
 Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPH-G	BTEX	MTBE	Total Pb	Comments
1. <b>Comp-PT</b>	<b>12/14/98</b>	<b>SOIL</b>	<b>4</b>	<b>BRASS TUBES</b>	<b>812105</b>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2.						<input checked="" type="checkbox"/>				
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										

Relinquished By: <i>[Signature]</i>	Date: <b>12/14/98</b>	Time:	Received By: <i>[Signature]</i>	Date: <b>12/14/98</b>	Time: <b>1105</b>
Relinquished By: <i>[Signature]</i>	Date: <b>12/14/98</b>	Time: <b>1445</b>	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By Lab: <i>[Signature]</i>	Date: <b>12/14/98</b>	Time: <b>1445</b>

Pink - Client  
 Yellow - Sequoia  
 White - Sequoia