### SECOR International Incorporated

LETTER OF TRANSMITTAL

1225 Pear Avenue, Suite 110 Mountain View, CA 94043-1431

Telephone (650) 691-0131 Fax (650) 691-9837



Subject:	TOSCO 7124	Date:	4/14/00
Send Via:	USPS	For:	
Attn: Company: Address:	HERNAN GOMEZ CITY OF OAKLAND FIRE SERVICES AGENCY  1605 MARTIN LUTHER KING JR WY OAKLAND CA 94612	— Approval	
Project No.	006.03477.602	Project Name	TOSCO 7124/LINE PULL
Enclosure(s):  REMOVAL & RI  REPORT  COMMENTS:	EPLACEMENT OF PRODUCT LINES & I	DISPENSERS LETTER	Quantity
COMMENTS:			
Signature:	ROBERT POTTER C	c: DAVID DEWITT,	/TOSCO MKTG CO
Title:	PROJECT MANAGER		

April 14, 2000 Project No. 006.03477

Inspector Hernan Gomez City of Oakland Fire Services Agency 1605 Martin Luther King Jr. Way. Oakland, California 94612

RO-2444 COPY
1/30/02 Requested H. Gomes transfer
sile to ACDEH.

### Re: Removal and Replacement of Product Lines and Dispensers

Tosco (Unocal) Service Station #7124 10151 East 14<sup>th</sup> Street Oakland, California

### Dear Inspector Gomez:

SECOR International Incorporated (SECOR) on behalf of Tosco Marketing Company (Tosco) has prepared this letter to document soil sampling activities associated with the removal and replacement of product lines and dispensers at the Tosco (Unocal) Service Station #7124 located at 10151 East 14<sup>th</sup> Street in Oakland, California (the Site, see Figure 1). In addition to SECOR, these activities were observed by Inspector Hernan Gomez of the City of Oakland Fire Services Agency (OFSA).

### **Background**

The Site is located at the intersection of East 14<sup>th</sup> Street and 102<sup>nd</sup> Avenue in Oakland, California. The Site is currently operating as a retail gasoline service station. Three gasoline underground storage tanks (USTs) and associated product lines and dispensers are present at the Site.

#### **Product Line Removal and Replacement Activities**

Removal and replacement of product lines and dispensers was performed by Balch Petroleum (Balch) of Milpitas, California on March 22, 2000. Excavation and sampling activities were observed and approved by Inspector Gomez.

### Soil Sampling - Product Lines and Dispensers

On March 22, 2000, a total of eight soil samples designated PD-A@2', PD-B@2', PD-B@5', PD-B@6', PD-C@2', PD-D@2', PD-E@2', and PD-F@2' were collected from beneath each of the three product dispensers, and three soil samples designated PL-A@2', PL-B@2', and PL-C@2' were collected from beneath the product lines (Figure 2). Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015, Modified, as well as methyl tertiary butyl ether (MTBE) and benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8020. Additionally, all samples were analyzed for total lead by EPA Method 6010A. Due to soil which was stained and produced elevated flame ionization detector (FID) readings,

soil samples were analyzed on a 24 hour turnaround to delineate impacted areas that would require remedial overexcavation of obviously impacted soil.

Product line and dispenser soil analytical data are presented in Table 1 and soil sample locations are shown on Figure 2. Field and laboratory procedures are presented as Attachment A. TPHg was detected in 6 of the 11 samples at a maximum concentration of 6,200 mg/kg (PD-F@2'), MTBE was detected in 7 of the 11 samples at a maximum concentration of 120 mg/kg (PD-B@2'), and benzene was detected in 6 of the 11 samples at a maximum concentration of 7.4 mg/kg (PD-F@2'). Lead was not detected at or above laboratory reporting limits in any samples. Certified analytical reports and chain-of-custody documentation are presented as Attachment B.

#### Remedial Activities - Overexcavation

On March 27, 2000, SECOR observed the overexcavation of approximately 60 cubic yards of soil from the beneath those portions of the dispensers and product lines where the 24 hour rush soil samples revealed elevated concentrations of petroleum hydrocarbons (sample areas PD-A, PD-B, and PD-F). Areas measuring approximately 8 to 10 feet long by 8 to 10 feet wide were overexcavated to an approximate depth of 8 feet below ground surface (bgs) in each of these areas. Additional overexcavation in these areas was not possible due to their proximity to the footings of the service station canopy. Three confirmatory soil samples were collected from the base of the overexcavated areas (designated PD-A@8', PD-B@8', and PD-F@8').

Analytical data for overexcavation soil samples are presented in Table 1 and soil sample locations are shown on Figure 2. Soil samples were analyzed TPHg by EPA Method 8015, Modified, MTBE and BTEX by EPA Method 8020, and total lead by EPA Method 6010A. TPHg was detected in 2 of the 3 samples at a maximum concentration of 108 mg/kg (PD-B@8'), benzene was detected in 1 of the 3 samples at a maximum concentration of 0.162 mg/kg (PD-A@8'), and MTBE was detected in all 3 samples at a maximum concentration of 43.8 mg/kg (PD-A@8'). The MTBE concentration detected in sample PD-A@8' was confirmed by EPA Method 8260. The results of the 8260 analysis indicated an MTBE concentration of 7.03 mg/kg. Lead was not detected at or above laboratory reporting limits in any samples.

### Stockpiled Soil

The soil stockpile generated during removal and replacement of the product lines and dispensers was sampled on March 22, 2000 and analyzed for TPHg, and BTEX by EPA Methods 8015, Modified and 8020, respectively, as well as total lead by EPA Method 6010A. Soil stockpile analytical results did not reveal significant concentrations of petroleum hydrocarbons. On March 28, 2000, Den Beste Trucking of Windsor, California transported approximately 133 cubic yards of soil as non-hazardous waste under bill-of-lading to Forward Landfill in Manteca, California.

### **Summary of Results**

During the recent product line upgrade activities at the Site, residual concentrations of petroleum hydrocarbons were reported in soil samples collected from beneath the facility. Impact to the subsurface by petroleum hydrocarbons originating from the product lines and dispensers appears to attenuate vertically with depth, however the extent of impact has not been completely characterized. At this time, SECOR recommends the installation of three groundwater monitoring wells to further characterize subsurface conditions beneath the Site.

If you have any questions or comments regarding this letter, please call us at (650) 691-0131.

Sincerely,

**SECOR International Incorporated** 

Robert Potter

Project Manager

James G. Ritchie,

Principal Geologist

Attachments: Table 1 - Soil Analytical Data - Product Lines and Dispensers

Figure 1 - Site Location Map

Figure 2 - Site Plan with Soil Sample Locations Attachment A - Field and Laboratory Procedures

Attachment B - Certified Analytical Reports and Chain-of-Custody

Documentation

cc: Mr. David DeWitt, Tosco Marketing Company

# Table 1 Soil Analytical Data Product Lines and Dispensers

Tosco (Unocal) Service Station # 7124 10151 East 14th Street Oakland, California

Sample Name	Sample Depth	Date Sampled	TPH as Gasoline (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl- benzene (mg/kg)	Xylenes (mg/kg)	MTBE 8020/8260 (mg/kg)	Total Lead (mg/kg)
PD-A@2' (Excavated)	2	03/22/00	5,200	ND<1.3	89	32	960	21/NA	ND<2.5
PD-A@8*	8	3/27/00	77.5	0.162	1.48	1.15	7.98	43.8/7.03	NA
PD-B@2' (Excavated)	2	03/22/00	120	1.4	8.4	ND<0.50	18	120/NA	ND<2.5
PD-B@5' (Excavated)	5	03/22/00	130	0.81	6.7	2	16	86/NA	ND<2.5
PD-B@6' (Excavated)	6	03/22/00	170	0.79	9.1	2.5	20	73/NA	ND<2.5
PD-8@8'	8	3/27/00	108	ND<0.125	1.52	1.6	11.7	12.1/NA	NA
PD-C@2	2	03/22/00	ND<1	ND<0.005	0.005	ND<0.005	0.016	ND<0.05/NA	ND<2.5
PD-D@2*	2	03/22/00	ND<1	ND<0.005	ND<0.005	ND<0.005	0.014	ND<0.05/NA	ND<2.5
PD-E@2*	2	3/22/00	1.1	0.0052	0.027	ND<0.005	0.086	0.12/NA	ND<2.5
PD-F@2' (Excavated)	2	3/22/00	6,200	7.4	330	190	1,500	ND<5.0/NA	ND<2.5
PD-F@8'	8	3/27/00	ND<1	ND<0.005	ND<0.005	ND<0.005	0.144	0.119/NA	NA
PL-A@2'	2	03/22/00	ND<1	ND<0.005	ND<0.005	ND<0.005	0.019	3.3/NA	ND<2.5
PL-B@2'	2	03/22/00	ND<1	ND<0.005	0.0057	ND<0.005	0.026	ND<0.05/NA	ND<2.5
PL-C@2'	2	03/22/00	ND<1	0.0089	0.039	0.023	0.11	0.22/NA	ND<2.5

TPH = Total petroleum hydrocarbons

MTBE = Methyl tertiary butyl ether

ND = Not detected above specified laboratory reporting limits

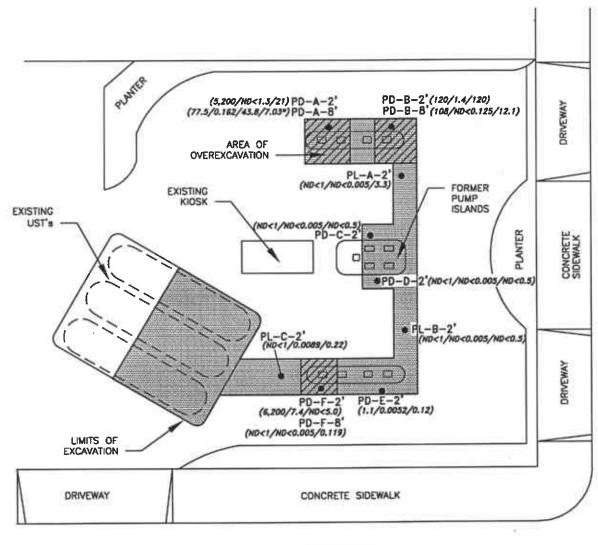
NA = Not analyzed

mg/kg = Milligrams per kilogram

Sample depth in feet below ground surface



71039 R:\QAAQAVD\\ACAD\\T0500-7124\\Toace-006.003477.802-001.4mg 4/11/00



102ND STREET

LEGEND

◆ PD--F-2' SOIL SAMPLE LOCATION WITH ID NUMBER AND DEPTH (FT BGS)

(6,200/7.4/NO<5.0) (TPHg/BENZENE/MTBE) IN MG/KG

\* MTBE BY EPA METHOD 8260



AREA OF OVEREXCAVATION

EXCAVATION AREA



EAST 14TH STREET

SECOR
International Incorporated

DRAWN	GEL
APPR	RP
DATE	11 APRIL 00
JOB NO.	006.003477.602

FIGURE 2 TOSCO (UNOCAL) 85#7124 10151 EAST 14TH STREET OAKLAND, CALIFORNIA

SOIL SAMPLE LOCATIONS

# ATTACHMENT A FIELD AND LABORATORY PROCEDURES

# ATTACHMENT A FIELD AND LABORATORY PROCEDURES

### Soil Sampling

Soil samples were collected by advancing 2-inch-diameter brass sample liners into undisturbed soil, or soil removed from an excavation by a backhoe bucket. Soil samples for chemical analysis were retained in the brass liners, labeled, and capped with Teflon sheets and plastic end caps. The samples were then sealed in zip-lock bags, placed on ice, and transported to the laboratory accompanied by the appropriate chain-of-custody documentation.

### Laboratory Analysis of Soil Samples

Analysis for TPHg, BTEX compounds, and MTBE was performed by EPA Method 8015, Modified and 8020, respectively. Confirmation of the sample with the highest concentration of MTBE was performed by EPA Method 8260. Analysis of lead was performed buy EPA 6010A.

### ATTACHMENT B

CERTIFIED ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION



RECEIVED

MAR 2 3 2000

BY:\_\_\_

27 March, 2000

Robert Potter Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View, CA 94043

RE: Tosco

Sequoia Report: W003528

Enclosed are the results of analyses for samples received by the laboratory on 22-Mar-00 16:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dimple Sharma Project Manager

CA ELAP Certificate #1274



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

Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland Project Manager: Robert Potter Reported: 27-Mar-00 11:38

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PD-A 2'	W003528-01	Soil	22-Mar-00 13:30	22-Mar-00 16:15
PD-A 2' PD-B 2'	W003528-02	Soil	22-Mar-00 13:35	22-Mar-00 16:15
PD-B 5'	W003528-03	Soil	22-Mar-00 13:40	22-Mar-00 16:15
PD-B 6'	W003528-04	Soil	22-Mar-00 13:45	22-Mar-00 16:15
PD-C 2'	W003528-05	Soil	22-Mar-00 13:50	22-Mar-00 16:15
PL-A 2'	W003528-06	Soil	22-Mar-00 13:55	22-Mar-00 16:15
PD-D 2'	W003528-07	Soil	22-Mar-00 14:00	22-Mar-00 16:15
PL-B 2'	W003528-08	Soil	22-Mar-00 14:05	22-Mar-00 16:15
PL-B 2' PD-E 2'	W003528-09	Soil	22-Mar-00 14:10	22-Mar-00 16:15
PD-F 2'	W003528-10	Soil	22-Mar-00 14:15	22-Mar-00 16:1:
PL-C 2'	W003528-11	Soil	22-Mar-00 14:20	22-Mar-00 16:15

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.

Dimple Sharma, Project Manager





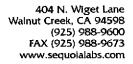
Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland Project Manager: Robert Potter **Reported:** 27-Mar-00 11:38

### Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

### Sequoia Analytical - Walnut Creek

Analyte	F Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PD-A 2' (W003528-01) Soil	Sampled: 22-Mar-00 13:30	Received	l: 22-Ma	r-00 16:15			<del></del>		P-01
Purgeable Hydrocarbons	5200	250	mg/kg	5000	0C23020	23-Mar-00	23-Mar-00	EPA 8015/8020	
Benzene	ND	1.3	"	"		"	**	II .	
Toluene	89	1.3	"	"	**	**	"	II.	
Ethylbenzene	32	1.3	**	**	11	"	**	н	
Xylenes (total)	960	1.3	ч	#	**	**	11	**	
Methyl tert-butyl ether	21	12	**		11	н	11	**	•
Surrogate: a,a,a-Trifluorotolu	iene	%	40-	140	"	"	"	"	S-01
PD-B 2' (W003528-02) Soil	Sampled: 22-Mar-00 13:35	Received	l: 22-Ma	r-00 16:15					P-01
Purgeable Hydrocarbons	120	100	mg/kg	2000	0C23020	23-Mar-00	23-Mar-00	EPA 8015/8020	
Benzene	1.4	0.50	11	IJ	65	11	**	**	
Toluene	8.4	0.50	11	II	r.	**	"	**	
Ethylbenzene	ND	0.50	н	ш	H	н	"	н	
Xylenes (total)	18	0.50	н	н	••	н	**	*1	
Methyl tert-butyl ether	120	5.0	Ħ	Ħ	**	u	π	н	
Surrogate: a,a,a-Trifluorotoli	iene	%	40-	140	"	**	#	n.	S-01
PD-B 5' (W003528-03) Soil		Received	l: 22-Ma	r-00 16:15					P-01
Purgeable Hydrocarbons	130	100	mg/kg	2000	0C23020	23-Mar-00	23-Mar-00	EPA 8015/8020	
Benzene	0.81	0.50	**	Ħ	**	**	11	tt .	
Toluene	6.7	0.50	**	н	11	**	n	"	
Ethylbenzene	2.0	0.50		••	11	#	н	••	
Xylenes (total)	16	0.50	Ħ	**	Ħ		n	11	
Methyl tert-butyl ether	86	5.0	**	11	n	**	. "	**	
Surrogate: a,a,a-Trifluorotolt	iono	%	40.	-140	#	,,	"	"	S-01





Secor - Mountain View

1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland Project Manager: Robert Potter Reported: 27-Mar-00 11:38

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

Analyte	R Result	Leporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PD-B 6' (W003528-04) Soil	Sampled: 22-Mar-00 13:45	Received	: 22-Ma)	r-00 16:15			· · · · · · · · · · · · · · · · · · ·		P-01
Purgeable Hydrocarbons	170	25	mg/kg	500	0C23020	23-Mar-00	23-Mar-00	EPA 8015/8020	
enzene	0.79	0.13	"	u	71	**	**	II .	
Toluene	9.1	0.13	п	н	**	11	"	II	
Ethylbenzene	2.5	0.13	11	**	"	TF	***	п	
Kylenes (total)	20	0.13	п	••	**	••	**	11	
lethyl tert-butyl ether	73	1.2	н	**	"	"	**	**	
Surrogate: a,a,a-Trifluorotoli	iene	%	40-	140	n	"	"	"	S-01
D-C 2' (W003528-05) Soil	Sampled: 22-Mar-00 13:50	Received	l: 22-Ma	r-00 16:15					
rurgeable Hydrocarbons	ND	1.0	mg/kg	20	0C23020	23-Mar-00	23-Mar-00	EPA 8015/8020	
Benzene	ND	0.0050	77	11 .	*	II	11	#	
foluene	0.0050	0.0050	**	11	*	**	11	"	
thylbenzene	ND	0.0050	**	ч	•	"	Ħ	"	
Xylenes (total)	0.016	0.0050	11	п	m		"	11	
Methyl tert-butyl ether	ИD	0.050	n	н	*	**	**	11	
urrogate: a,a,a-Trifluorotoli	uene	92.0 %	40-	140	"	"	"	н	
PL-A 2' (W003528-06) Soil	Sampled: 22-Mar-00 13:55	Received	l: 22-Ma	r-00 16:15					
urgeable Hydrocarbons	ND	1.0	mg/kg	20	0C23020	23-Mar-00	23-Mar-00	EPA 8015/8020	
enzene	ND	0.0050	••	"	II	#	11	"	
Toluene	ND	0.0050	n	**	н	II	ц	п	
Ethylbenzene	ND	0.0050	**	"	"	Ħ	н	*	
(total)	0.019	0.0050	**	11		**	Ħ	ч	
Methyl tert-butyl ether	3.3	0.050	•	II .	11	"	"	11	
Surrogate: a,a,a-Trifluorotol	uene	91.7%	40-	140	"	ü	"	"	



Secor - Mountain View

1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland Project Manager: Robert Potter Reported: 27-Mar-00 11:38

### Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT

### Sequoia Analytical - Walnut Creek

Analyte	R Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u> </u>									
PD-D 2' (W003528-07) Soil	-		l: 2Z-Mai						
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0C23020	23-Mar-00		EPA 8015/8020	
Benzene	ND	0.0050	#	"	**	"	11		
Toluene	ND	0.0050		н	11	**	п	**	
Ethylbenzene	ND	0.0050		*1	iı	**	II	"	
Xylenes (total)	0.014	0.0050	"	**	н	"	"	n	
Methyl tert-butyl ether	ND	0.050	11	II	11	R	ıt .		
Surrogate: a,a,a-Trifluorotolu	ene	92.3 %	40-	140	"	"	"	"	
PL-B 2' (W003528-08) Soil	Sampled: 22-Mar-00 14:05	Received	: 22-Mai	r-00 16:15					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0C23020	23-Mar-00	23-Mar-00	EPA 8015/8020	
Benzene	ND	0.0050	**	"	**	н	#	II	
Toluene	0.0057	0.0050		**	Ħ	н	**	ıı .	-
Ethylbenzene	ND	0.0050	**	w	**	II	"	н	
Xylenes (total)	0.026	0.0050	Ħ	Ħ	"	н	"	Ħ	
Methyl tert-butyl ether	ND	0.050	**	"	**	"	11		
Surrogate: a,a,a-Trifluorotolu	iene	86.3 %	40-	140	Ħ	н	n	"	
PD-E 2' (W003528-09) Soil	Sampled: 22-Mar-00 14:10	Received	l; 22-Ma	r-00 16:15					P-01
Purgeable Hydrocarbons	1.1	1.0	mg/kg	20	0C23020	23-Mar-00	23-Mar-00	EPA 8015/8020	
Benzene	0.0052	0.0050	п	μ	н	••	"	**	
Toluene	0.027	0.0050	Ħ	н	**	u	**	**	
Ethylbenzene	ND	0.0050	**	"	**	"	Ħ	11	
Xylenes (total)	0.086	0.0050	••	**	91	н	**	п	
Methyl tert-butyl ether	0.12	0.050	**	11	H	н	"		
Surrogate: a,a,a-Trifluorotolu	Lama	94.7%	40	140	"	"	"	"	





Secor - Mountain View

Project: Tosco

1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project Number: Tosco # 7124, Oakland

Project Manager: Robert Potter

Reported: 27-Mar-00 11:38

## 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
PD-F 2' (W003528-10) Soil	Sampled: 22-Mar-00 14:15	Received	: 22-Mai	r-00 16:15					P-01
Purgeable Hydrocarbons	6200	100	mg/kg	2000	0C23020	23-Mar-00	24-Mar-00	EPA 8015/8020	A-01
Benzene	7.4	0.50	**	ti	•	"	Ħ	11	
Toluene	330	0.50	п	**	"	Ħ	H	11	
Ethylbenzene	190	0.50	n	••	11	*	**	н	
Xylenes (total)	1500	0.50	n	*	II	"	**	н	
Methyl tert-butyl ether	ND	5.0	P	Ħ	ш	"	π	Ħ	
Surrogate: a,a,a-Trifluorotoli	iene	%	40-	140	"	μ	"	rr	S-01
PL-C 2' (W003528-11) Soil	Sampled: 22-Mar-00 14:20	Received	l: 22-Ma	r-00 16:15					
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0C23020	23-Mar-00	23-Mar-00	EPA 8015/8020	
Benzene	0.0089	0.0050	#	**	"	"	**	"	
Foluene	0.039	0.0050	**	п	**	H	11	н	
Ethylbenzene	0.023	0.0050		n	#	"	н	Ħ	
Xylenes (total)	0.11	0.0050	"	II .	**	'n	n	•	
Methyl tert-butyl ether	0.22	0.050	11	Ħ	**	"	17	"	
Surrogate: a,a,a-Trifluorotoli	iene	100 %	40-	-140	"	"	*	n	



Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland

Project Manager: Robert Potter

Reported: 27-Mar-00 11:38

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

Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PD-A 2' (W003528-01) Soil	Sampled: 22-Mar-00 13:30	Received	: 22-Ma	г-00 16:15					
Lead	ND	2.5	mg/kg	1	0C23009	23-Mar-00	24-Mar-00	EPA 7420	
PD-B 2' (W003528-02) Soil	Sampled: 22-Mar-00 13:35	Received	: 22-Ma	r-00 16:1 <u>5</u>					
Lead	ND	2.5	mg/kg	1	0C23009	23-Mar-00	24-Mar-00	EPA 7420	
PD-B 5' (W003528-03) Soil	Sampled: 22-Mar-00 13:40	Received	: 22-Ma	r-00 16:15					
Lead	ND	2.5	mg/kg	i	0C23009	23-Mar-00	24-Mar-00	EPA 7420	
PD-B 6' (W003528-04) Soil	Sampled: 22-Mar-00 13:45	Received	: 22-Ma	r-00 16:15					
Lead	ND	2.5	mg/kg	1	0C23009	23-Mar-00	24-Mar-00	EPA 7420	
PD-C 2' (W003528-05) Soil	Sampled: 22-Mar-00 13:50	Received	: 22-Ma	r-00 16:15			_		
Lead	7.5	2.5	mg/kg	1	0C23009	23-Mar-00	24-Mar-00	EPA 7420	
PL-A 2' (W003528-06) Soil	Sampled: 22-Mar-00 13:55	Received	: 22-Ma	r-00 16:15					
Lead	ND	2.5	mg/kg	1	0C23009	23-Mar-00	24-Mar-00	EPA 7420	
PD-D 2' (W003528-07) Soil	Sampled: 22-Mar-00 14:00	Received	l: 22-Ma	ır-00 16:15					
Lead	ND	2.5	mg/kg	1	0C23009	23-Mar-00	24-Mar-00	EPA 7420	
PL-B 2' (W003528-08) Soil	Sampled: 22-Mar-00 14:05	Received	: 22-Ma	r-00 16:15					
Lead	ND	2.5	mg/kg	1	0C23009	23-Mar-00	24-Mar-00	EPA 7420	
PD-E 2' (W003528-09) Soil	Sampled: 22-Mar-00 14:10	Received	l: 22-Ma	r-00 16:15					
Lead	ND	2.5	mg/kg	1	0C23009	23-Mar-00	24-Mar-00	EPA 7420	



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Secor - Mountain View 1225 Pear Ave., Ste 110

Mountain View CA, 94043

Project: Tosco

Project Number: Tosco # 7124, Oakland Project Manager: Robert Potter Reported: 27-Mar-00 11:38

### Total Metals by EPA 6000/7000 Series Methods

### Sequoia Analytical - Walnut Creek

Analyte	F Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
PD-F 2' (W003528-10) Soil	Sampled: 22-Mar-00 14:15	Received	: 22-Ma	r-00 16:15					
Lead	ND	2.5	mg/kg	1	0C23009	23-Mar-00	24-Mar-00	EPA 7420	
L-C 2' (W003528-11) Soil	Sampled: 22-Mar-00 14:20	Received	: 22-Ma	r-00 16:15					
Lead	ND	2.5	mg/kg	1	0C23009	23-Mar-00	24-Mar-00	EPA 7420	



Secor - Mountain View 1225 Pear Ave., Ste 110

Mountain View CA, 94043

Project: Tosco

Project Number: Tosco # 7124, Oakland

Project Manager: Robert Potter

**Reported:** 27-Mar-00 11:38

# 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 0C23020 - EPA 5030B [MeOH]										
Blank (0C23020-BLK1)				Prepared:	23-Mar-0	0 Analyze	d: 24-Mar	-00		
Purgeable Hydrocarbons	ND	1.0	mg/kg							
Benzene	ND	0.0050	**							
Toluene	ND	0.0050	**							
Ethylbenzene	ND	0.0050	"							
Xylenes (total)	0.0133	0.0050	**							
Methyl tert-butyl ether	ND	0,050	н							
Surrogate: a, a, a-Trifluorotoluene	0.702		"	0.600		117	40-140			
LCS (0C23020-BS1)				Prepared	& Analyz	ed: 23-Ma	<b>ır-0</b> 0			
Benzene	0.836	0.0050	mg/kg	0.800		105	50-150			
Toluene	0.886	0.0050	II .	0.800	•	111	50-150			
Ethylbenzene	0.928	0.0050	n	0.800		116	50-150			
Xylenes (total)	2.68	0.0050	•	2.40		112	50-150			
Surrogate: a, a, a-Trifluorotoluene	0.742		"	0.600		124	40-140			
Matrix Spike (0C23020-MS1)	So	urce: W0035	28-07	Prepared	23-Mar-0	00 Analyz	ed: 24-Ma	r-00		
Benzene	0.698	0.0050	mg/kg	0.800	ND	87.3	50-150			
Toluene	0.752	0.0050	н	0.800	ND	94.0	50-150			
Ethylbenzene	0.796	0.0050	н	0.800	ND	99,5	50-150			
Xylenes (total)	2.32	0.0050	н	2.40	0.014	96.1	50-150			
Surrogate: a,a,a-Trifluorotoluene	0.538		"	0.600		89.7	40-140			
Matrix Spike Dup (0C23020-MSD1)	So	urce: W0035	528-07	Prepared	& Analyz	ed: 23-Ma	ar-00		<u> </u>	
Benzene	0.734	0.0050	mg/kg	0.800	ND	91.8	50-150	5,03	20	
Toluene	0.782	0.0050	11	0.800	ND	97.7	50-150	3.91	20	
Ethylbenzene	0.820	0.0050	"	0.800	ND	102	50-150	2.97	20	
Xylenes (total)	2.40	0.0050	н	2.40	0.014	99.4	50-150	3.39	20	
Surrogate: a, a, a-Trifluorotoluene	0.552		"	0.600		92.0	40-140			





Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland

Project Manager: Robert Potter

**Reported:** 27-Mar-00 11:38

### 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
Batch 0C23009 - EPA 3050B	resure		Cinco	<u> </u>	TCOMIC	, 1143-0	-			
Blank (0C23009-BLK1)				Prepared:	23-Mar-0	00 Analyze	ed: 24-Ma	r-00		
Lead	ND	2.5	mg/kg							· · · · ·
LCS (0C23009-BS1)				Prepared:	23-Mar-0	00 Analyze	ed: 24-Ma	r-00		
Lead	48.9	2.5	mg/kg	50.0		97.8	80-120			
LCS Dup (0C23009-BSD1)				Prepared:	23-Mar-0	00 Analyze	ed: <b>24-M</b> a	r <b>-</b> 00		
Lead	51,0	2.5	mg/kg	50.0		102	80-120	4.20	20	
Matrix Spike (0C23009-MS1)	So	urce: W0034	95-04	Prepared:	23-Mar-0	00 Analyz	ed: 24- <b>M</b> a	r-00		
Lead	49.3	2.5	mg/kg	50.0	ND	98.6	75-125			
Matrix Spike Dup (0C23009-MSD1)	So	urce: W0034	195-04	Prepared:	23-Mar-(	00 Analyz	ed: 24-Ma	r-00		
Lead	60.7	2.5	mg/kg	50.0	ND	121	75-125	20.7	20	· Q



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Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland

Project Manager: Robert Potter

Reported: 27-Mar-00 11:38

#### **Notes and Definitions**

A-01 TPH recovery is above maximum calibration range and is only an estimate.

P-01 Chromatogram Pattern: Gasoline C6-C12

Q-01 The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the

recovery for this analyte does not represent an out-of-control condition for the batch.

The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or

matrix interferences.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

S-01

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

### 00048

### **TOSCO**

□ 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

□ 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612

									``	· · · · · · · · · · · · · · · · · · ·				
Consultant Company:	SEcol	ζ				Project	Name	-	7124	Τ05 (	0	****		
Address: 1225			NHE	110		TOSCO	Engir	•	equired)	David	De	witt		
city: Mountain				Zip Code:	94043							WOO	3 <i>528</i>	
Telephone: (650)	691-0131	<u></u>	FAX #/	650)69	1-9837	Site #,	City, S	tate:	7124	Oak	Ind	CA		
Report To: Robert		Sample	r: Gu	grey Clif	7	QC Dat	a: 54)	Level	D (Standard	d) 🖸 Level	C (	D Level B	□ Level A	
Turnaround	k Days 🗅 5	Work Day	/S	□ 3 Work □ □ 2-8 Hour	Days Dri	inking Water		(SE)		Analyse Analyse of the Analyse of th	s Requ	Jested		7
CODE: D Misc. D	Detect. 🗆 Eval.	☐ Remed.	. □ Den	nol. 🗆 Clos	sure 💆 Ot	her	CIS MO	STOOL S	1500 J	s Hod Gariles "	nation	v <sup>(</sup> /	/	
Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	1 /4º	ER BIS ME	LEP BOOT	CENTRE PARTIES	the Dest Reference to the Court of the Court	(%)		Comme	nts
1. PD-A 2'	3/22 1:30	Soil	}	Brass	-01	X	X	X		X				
2. PD-B" 2'	3/22 1:35			Brass	-02	X	X	X		(X				1`i3"
3. PD-B" 5'	3/22 1:40		)	Brass	-03	X	Χ	X					Simples > 50 Rua Stlc	msky
4. PD-B"6'	3/22 1:45	501)		BIASS	04	X	X	X		$\perp$			SILC 75MG	
5. PD-C 21	3/22 1:50	Soi)		Brass	-05	X	X	X		7			Tech	
6. PL-A 21	3/22 1:55	501		Oracs	-06	X	X	X		1 /				
7. PD-D21	3/22 7:00	Soil		Brass	-07	X	X	X						
8. PL-B 2'	3/22 2:05	501)		BIASS	-08	X	X	X		-				
9. PD-E 21	3/22 2:10	Soil		Brass	-09		X	X					<u></u>	
10. PD-F2'	3/22 7:15	Soil	1	Brass	-10		X	X			<u> </u>			
Relinquished By:	GARY CLIF	<u>ー</u>	Date	e: 3/22	Time:41.15	Rec	eived	Ву:			Date	_	Time:	
Relinquished By:	·		Date	, 9:	Time:	Rec	eived	Ву:			Date	•	Time:	
Relinquished By:			Date	e:	Time:	Rec	eived	Ву:	con	may	Date	3/22	Time: /6	5:15
Were Samples Received	in Good Condition	? □Yes	□ No	Sar	nples on Ice?	☐ Yes	□ No	Metho	od of Shipr	nent		-	Page / of	7
	n receipt of report yses requested o t issued within the	n the Cha				∕es □N □No			•	ses are still nurnaround tir		?		
Approved by:				Signature:				Con	npany:				Date:	

# TOSCO

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<b>O</b> 8	319	Striker	Ave., Sui	te 8 • Sad	cramento,	<b>CA 95</b>	834 • (916	921-960	00 FAX (	916) 921-01	00	
	104	N. Wige	et Lane •	Walnut C	reek, CA	94598	<ul> <li>(925) 98</li> </ul>	8-9600 l	FAX (925	988-9673		
<u>.</u>	1455	5 McDo	well Blvd	. North, S	iuite D • F	etalum	a, CA 949	54 • (707	7) 792-18(	65 FAX (70°	7) 792-034	12

10300	□ 1551 l	Industrial Ro	Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612
Consultant Company: SE(OR			Project Name: TOSCO 7124
Address: 1225 Pear Ave S	u/le 110		TOSCO Engineer (required) DAVID Dewitt
City: Mountain View State: CA	Zip Code:	94043	7124 61003528
Telephone: (650) 691-0131	FAX #: (650) 6	91-9837	7 Site #, City, State: Oakland CA
Report To: Robert Potter Sample			
Turnaround □ 10 Work Days □ 5 Work Day Time: □ 2 Work Days □ 1 Work Day	ys 🔲 3 Work Da	ays 🗅 Dri	Analyses Requested
CODE: Misc. Detect. Deval. Remed	i. 🗆 Demol. 🗀 Closu	ure NOth	Other Sheet of the State of the
Client Date/Time Matrix Sample I.D. Sampled Desc.	# of Cont. Cont. Type	Sequoia's Sample #	
1. PL-C 2' 3/22 220 Soil	1 BNASS	-11	X X X
2.			
3.		<u></u>	
4.			
5. 6.			
7.			
8.			
9.			
10.			
Relinquished By: GARY CITCT	Date: 3/22	Time: 4):15	15 Received By: Date: Time:
Relinquished By:	Date:	Time:	Received By: Date: Time:
Relinquished By:	Date:	Time:	Received By: Mo (m Date: 3/23 Time: 16:15
		nples on Ice?	e? ☐ Yes ☐ No Method of Shipment Page 7 of 7
To be completed upon receipt of report:  1) Were the analyses requested on the Ch 2) Was the report issued within the reques	nain of Custody repor	rted?	☐ Yes ☐ No If no, what analyses are still needed?
2) was the report issued within the reques	Signoture:		Company: Date:



27 March, 2000

RECEIVED

MAR 2 9 2000

BY:\_\_\_\_\_

Robert Potter Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View, CA 94043

RE: Tosco Sequoia Report: W003529

Enclosed are the results of analyses for samples received by the laboratory on 22-Mar-00 16:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Dimple Sharma Project Manager

CA ELAP Certificate #1274



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Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland

Project Manager: Robert Potter

**Reported:** 27-Mar-00 11:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1,2,3,4	W003529-01	Soil	22-Mar-00 15:15	22-Mar-00 16:20

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.

Dimple Sharma, Project Manager





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Secor - Mountain View

1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland

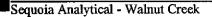
Project Manager: Robert Potter

**Reported:** 27-Mar-00 11:33

### Total Purgeable Hydrocarbons (C6-C12) and BTEX by DHS LUFT

Sequoia Analytical - Walnut Creek

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1,2,3,4 (W003529-01) Soil		<del></del>		-			<u></u>		
Purgeable Hydrocarbons	ND	1.0	mg/kg	20	0C23020	23-Mar-00	23-Mar-00	DHS LUFT	
Benzene	ND	0.0050		11	u	**	11	**	
Toluene	0.0093	0.0050	"	II	Ħ	H	**		
Ethylbenzene	ND	0.0050	н	ш	"	II	"	11	
Ethylbenzene Xylenes (total)	0.015	0.0050	n	11	•	a	"	11	
Surrogate: a,a,a-Trifluorotolue	ne	95.0 %	40-	140	"	"	11	n	





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Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland

Project Manager: Robert Potter

Reported: 27-Mar-00 11:33

Total Metals by EPA 6000/7000 Series Methods

Sequoia Analytical - Walnut Creek

Analyte	Rep Result	orting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1,2,3,4 (W003529-01) Soil	Sampled: 22-Mar-00 15:15	Receiv	ed: 22-N	Iar-00 16:2	0				
Lead	ND	5.0	mg/kg	5	0C23009	23-Mar-00	23-Mar-00	EPA 6010A	



Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland

Project Manager: Robert Potter

Reported: 27-Mar-00 11:33

# Total Purgeable Hydrocarbons (C6-C12) and BTEX 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 0C23020 - EPA 5030B [MeOH]	• • • • •									
Blank (0C23020-BLK1)				Prepared:	23-Mar-0	0 Analyze	d: 24-Ma	r <b>-</b> 00		
Purgeable Hydrocarbons	ND	1.0	mg/kg		-			-		
Benzene	ND	0.0050	11							
Coluene	ND	0.0050	н							
Ethylbenzene	ND	0.0050	н							
Kylenes (total)	0.0133	0.0050	**							
urrogate: a, a, a-Trifluorotoluene	0.702		"	0.600		117	40-140			
LCS (0C23020-BS1)				Prepared	& Analyz	ed: 23-Ma	ır-00			
Benzene	0.836	0.0050	mg/kg	0.800		105	50-150			-
Toluene	0.886	0.0050	. "	0.800		111	50-150			
Ethylbenzene	0.928	0.0050	**	0.800		116	50-150			
(vienes (total)	2.68	0.0050	ti .	2.40		112	50-150			
Surrogate: a, a, a-Trifluorotoluene	0.742		"	0.600		124	40-140			•
Matrix Spike (0C23020-MS1)	S	ource: W0035	28-07	Prepared:	23-Mar-0	0 Analyz	ed: 24 <b>-M</b> a	<b>r-0</b> 0		
Benzene	0.698	0.0050	mg/kg	0.800	ND	87.3	50-150			
Toluene	0.752	0.0050	•	0.800	ND	94.0	50-150			
Ethylbenzene	0.796	0.0050	**	0.800	ND	99.5	50-150			
(ylenes (total)	2.32	0,0050	**	2.40	0.014	96,1	50-150			
Surrogate: a,a,a-Trifluorotoluene	0.538		н	0.600		89.7	40-140			
Matrix Spike Dup (0C23020-MSD1)	S	ource: W0035	28-07	Prepared	& Analyz	ed: 23-Ma	ir-00			
Benzene	0.734	0.0050	mg/kg	0.800	ND	91.8	50-150	5.03	20	
Toluene	0.782	0.0050	Ħ	0.800	ND	97.7	50-150	3.91	20	
Ethylbenzene	0.820	0.0050	••	0.800	ND	102	50-150	2.97	20	
Kylenes (total)	2.40	0.0050	*	2.40	0.014	99.4	50-150	3.39	20	
Surrogate: a.a.a-Trifluorotoluene	0.552	· · · · · · · · · · · · · · · · · · ·	"	0.600		92.0	40-140			



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Secor - Mountain View 1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland

Project Manager: Robert Potter

**Reported:** 27-Mar-00 11:33

### 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
Batch 0C23009 - EPA 3050B							<del>- ,</del>			
Blank (0C23009-BLK1)			-	Prepared	& Analyz	ed: 23-Ma	r-00			_
Lead	ND	1.0	mg/kg							
LCS (0C23009-BS1)				Prepared	& Analyz	ed: 23-Ma	ır-00			
Lead	55.0	1.0	mg/kg	50.0		110	80-120			
LCS Dup (0C23009-BSD1)				Prepared	& Analyz	ed: 23 <b>-</b> Ma	ır-00			
Lead	50.0	1.0	mg/kg	50.0		100	80-120	9.52	20	



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Secor - Mountain View

1225 Pear Ave., Ste 110 Mountain View CA, 94043 Project: Tosco

Project Number: Tosco # 7124, Oakland

Project Manager: Robert Potter

Reported: 27-Mar-00 11:33

**Notes and Definitions** 

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

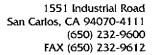
dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

# TOSCO

85 Jan Differential III, Carrott 1037 (40 100 100 100 100 100 100 100 100 100 1	
☐ 819 Striker Ave., Suite 8 • Sacramento, CA 95834 • (916) 921-9600 FAX (916) 921-0100	
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☐ 1551 Industrial Road • San Carlos, CA 94070 • (650) 232-9600 FAX (650) 232-9612	

Consultant Company:	SFIOR	_				Projec	t Name	· TO	Sco	·	712	4					
Address: \225	Pear Au		uk	110		TOSC	O Engir	neer (re	equired	) D	Aud	-	>ew:	#			
City: Mountage	in Viv State:			Zip Code:	94043				_						200	3529	
Telephone: (650)			FAX #:	650) 69	71-9837	Site #	, City, S	tate:	712	4	Oal	K A	nd)	CA		,	Client
Report To: Robet				RY CH		QC D	ata: 🔎	Level	D (Stand	dard)	□ Le	vel C	ا ت	Level B	□ Le	evel A	1 1
Turnaround	rk Days □ 5	Work Day Work Day	rs	□ 3 Work □ 2-8 Hour	Days Dri	inking Waste Wat		Carlo /		//	Analy been product	yses I	Reque	sted	//	7	Pink (
CODE:   Misc.	Detect.   Eval.	□ Remed	. 🖸 Der	nol. 🖸 Clos	sure XOt	her	- CIS ME	e y state	SETTEN /	TO IS MOD	Garies	in that is		edd	/ /		
Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #		er zh Erens M	L EPA BOOD	E LEW TON I	A Maris Med.	's CL'	Carri	O'tu.		/ Co	mments	
1. SP-1	3/22 3:00	Soil	1	BrASS	-01 (A-		X					X			1 Con	nlosik	<u>¤</u>
2. SP-2	3/22 3/05		1	BrASS		<b>X</b>	X					X			4	101	Sequoia
3. 5p.3	3/22 3:10	Soil	ſ	BIASS		1/2	X					×				•	
4. SP-4	3/22 3:15	50.]	(	BIASS			X					X		ļ ļ			Yellow
5.							ļ -	ļ <u> </u>									
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Relinquished By:		ć	Date	e:	Time:		eceived		1 1			1	Date:		Time	):	₹
Relinquished By:			Date	e:	Time:	R	eceived	Ву:	Alh	aer	na		Date:@	22/0	7 Time	:1620	2
Were Samples Received	d in Good Condition	? <b>/</b> 1 Yes	□ No	Sai	mples on Ice?	ŞXYes	□No	Meth	od of St	nipmen	: <i>(l</i>	ien	上	' '	Page	of	
	on receipt of repor llyses requested o ort issued within th	n the Cha				∕es ロ □ No			hat ana								
Approved by:				Signature				Cor	mnanv:						D	ate:	





April 11, 2000

Robert Potter Secor 1225 Pear Ave., Suite#110 Mountain View, CA 94043

RE: TOSCO/L003250

Dear Robert Potter:

Enclosed are the results of analyses for sample(s) received by the laboratory on March 28, 2000. If you have any questions concerning this report, please feel free to contact me.

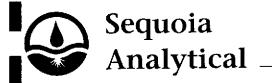
Sincerely,

Wayne Stevenson

Project Manager

CA ELAP Certificate Number I-2360

termen



1551 Industrial Road San Carlos, CA 94070-4111 (650) 232-9600 FAX (650) 232-9612

Secor\_5 1225 Pear Ave., Suite#110 Mountain View, CA 94043 Project: TOSCO/7121

10151 E.14th St. Oakland

Sampled: 3/27/00 Received: 3/28/00

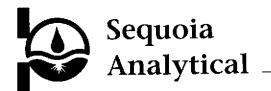
Project Manager: Robert Potter

Project Number:

Reported: 4/11/00

### **ANALYTICAL REPORT FOR L003250**

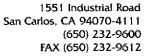
Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
PD-A,8'	L003250-01	Soil	3/27/00
PD-B,8'	L003250-02	Soil	3/27/00
PD-F,8'	L003250-03	Soil	3/27/00



ecor\_5 Project: TOSCO/7121 Sampled: 3/27/00
7225 Pear Ave., Suite#110 Project Number: 10151 E.14th St. Oakland Received: 3/28/00
Mountain View, CA 94043 Project Manager: Robert Potter Reported: 4/11/00

ample Description: Laboratory Sample Number: PD-A,8' L003250-01

_								
	Batch	Date	Date	Specific Method/	Reporting			
Analyte	Number	Prepared	Analyzed	Surrogate Limits	Limit	Result	Units	Notes*
			<u> </u>					
				l - San Carlos				
otal Purgeable Hydrocarbons (C6-C1	2), BTEX an	d MTBE by	DHS LUFT					
Purgeable Hydrocarbons as Gasoline	0040015	4/4/00	4/5/00		25.0	77.5	mg/kg	1
Benzene	19	85	11		0.125	0.162	11	
oluene	Ħ	17	**		0.125	1.48	If	
Ethylbenzene	H	<b>11</b>	н		0.125	1.15	11	
Xylenes (total)	#1	H	и		0.125	7.98	11	
Methyl tert-butyl ether	11	н	н		1.25	43.8	14	
urrogate: a,a,a-Trifluorotoluene	п	H	"	60.0-140		4.88	%	2
MTBE by EPA Method 8260A								
Aethyl tert-butyl ether	0040009	4/10/00	4/10/00		1.00	7.03	mg/kg	
urrogate: 1,2-Dichloroethane-d4	"	"	H	70.0-121		95.6	%	
_Total Metals by EPA 6000/7000 Series	Methods							
æad	0D05031	4/4/00	4/4/00	EPA 6010A	10.0	ND	mg/kg	





Secor\_5 1225 Pear Ave., Suite#110 Mountain View, CA 94043

Project: TOSCO/7121

Project Number: 10151 E.14th St. Oakland

Sampled: 3/27/00 Received: 3/28/00

Project Manager: Robert Potter Reported: 4/11/00

Sample Description:

Laboratory Sample Number:

PD-B,8' L003250-02

	Batch	Date	Date	Specific Method/				
Analyte	Number	Prepared	Analyzed	Surrogate Limits	Limit	Result	Units	Notes*
	•							
				<u>l - San Carlos</u>				
Total Purgeable Hydrocarbons (C6-C1	2), BTEX ar	id MTBE by	DHS LUFT	•			_	_
Purgeable Hydrocarbons as Gasoline	0040015	4/4/00	4/5/00		25.0	108	mg/kg	1
Benzene	H	Ħ	H		0.125	ND	#	
Toluene	HT .	**	.11		0.125	1.52	II	•
Ethylbenzene	**	11	<b>1</b> 1		0.125	1.60	Ħ	
•	#	II	11		0.125	11.7		
Xylenes (total)	н	н	н		1.25	12.1	И	
Methyl tert-butyl ether	ır		n	60.0-140		3.70	%	2
Surrogate: a,a,a-Trifluorotoluene	,,		,	00.0-140		3.70	70	-
Total Metals by EPA 6000/7000 Series	Methods							
	0D05031	4/4/00	4/4/00	EPA 6010A	10.0	ND	mg/kg	
Lead	0000031	7/7/00	4/4/00	Liliouton	10.0		2 5	



Froject: TOSCO/7121 Sampled: 3/27/00
1225 Pear Ave., Suite#110 Project Number: 10151 E.14th St. Oakland Received: 3/28/00
Mountain View, CA 94043 Project Manager: Robert Potter Reported: 4/11/00

sample Description: Laboratory Sample Number: PD-F,8' L003250-03

	Batch	Date	Date	Specific Method/	Reporting			
Analyte	Number	Prepared	Analyzed	Surrogate Limits	Limit	Result	Units	Notes*
		_						
				ıl - San Carlos				
Total Purgeable Hydrocarbons (C6-C	12), BTEX ar	d MTBE by	<u> DHS LUF</u>	-				
Purgeable Hydrocarbons as Gasoline	0040015	4/4/00	4/5/00		1.00	ND	mg/kg	
Benzene	10	**	11	•	0.00500	ND	н	
Coluene	11	11	H		0.00500	ND	11	
Ethylbenzene	17	11	**	ė.	0.00500	ND	74	
Xylenes (total)	n	Ħ	Ħ		0.00500	0.0144	**	
Methyl tert-butyl ether	Ħ	н	**		0.0500	0.119	Ħ	
urrogate: a,a,a-Trifluorotoluene	rı .	"	n	60.0-140		78.0	%	
m	a New Albanda							
Total Metals by EPA 6000/7000 Serie		444400	414400	TD 4 (0104	10.0	NID	ma a Asa	
ead	0D05031	4/4/00	4/4/00	EPA 6010A	10.0	ND	mg/kg	



Secor\_5 Project: TOSCO/7121 Sampled: 3/27/00
1225 Pear Ave., Suite#110 Project Number: 10151 E.14th St. Oakland Received: 3/28/00
Mountain View, CA 94043 Project Manager: Robert Potter Reported: 4/11/00

# Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control Sequoia Analytical – San Carlos

	Date	Spike	Sample	QC	1	Reporting Limit		RPD	RPD	
Analyte	Analyzed	Level	Result	Result	Units	Recov. Limits	%	Limit	%	Notes*
	Date Prepa	rad: 4/4/0i	n		Extracti	ion Method: EPA	A 5030B	(P/T)		
Batch: 0040015	0040015-B		<u>.</u>		<u>DATI acti</u>	IOI III CHOW DEL	10000	1-:		
Blank Purgeable Hydrocarbons as Gasoline	4/4/00	LKI		ND	mg/kg	1.00				
	4/4/00			ND	11.67	0.00500				
Benzene Toluene	11			ND	H	0.00500				
Ethylbenzene	If			ND	н	0.00500				
Xylenes (total)	TT.			ND	н	0.00500				
Methyl tert-butyl ether	"			ND	17	0.0500				
Surrogate: a,a,a-Trifluorotoluene	"	0.200		0.198	n	60.0-140	99.0			
		Av								
<u>LCS</u>	0040015-B			0.005	n	70.0.120	113			
Benzene	4/4/00	0.200		0.227	mg/kg	70.0-130 70.0-130	111			
Toluene		0.200		0.222	 H		111			
Ethylbenzene	11	0.200		0.227	"	70.0-130	111			
Xylenes (total)	"	0.600	<del> </del>	0.667	<u>"</u>	70.0-130	107			
Surrogate: a,a,a-Trifluorotoluene	If	0.200		0.214	,,	60.0-140	107			
LCS	0040015-B	<u>S2</u>								
Purgeable Hydrocarbons as Gasoline	4/4/00	5.00		4.31	mg/kg	70.0-130	86.2			
Surrogate: a,a,a-Trifluorotoluene	#	0.200		0.208	π	60.0-140	104			
<u>Matrix Spike</u>	0040015-M	IS1 L	004002-01							
Benzene	4/4/00	0.200	ND	0.219	mg/kg	60.0-140	109			
Toluene	H	0.200	ND	0.216	17	60.0-140	108			
Ethylbenzene	H	0.200	ND	0.220	**	60.0-140	110			
Xylenes (total)	ii.	0.600	ND	0.647	•	60.0-140	108			
Surrogate: a,a,a-Trifluorotoluene	н	0.200		0.192	37	60.0-140	96.0			
Matrix Spike Dup	0040015-M	ISD1 I	.004002-01							
Benzene	4/4/00	0.200	ND	0.213	mg/kg	60.0-140	106	25.0	2.79	
Toluene	11	0.200	ND	0.209	"	60.0-140	105	25.0	2.82	
Ethylbenzene	tt	0.200	ND	0.207	e	60.0-140		25.0	6.57	
•	,,	0.600	ND	0.631	*1	60.0-140		25.0	2.82	
Xylenes (total) Surrogate: a,a,a-Trifluorotoluene	#	0.200		0.180	н	60.0-140	90.0			-

Sequoia Analytical - San Carlos

\*Refer to end of report for text of notes and definitions.





cor\_5Project:TOSCO/7121Sampled:3/27/001225 Pear Ave., Suite#110Project Number:10151 E.14th St. OaklandReceived:3/28/00Mountain View, CA 94043Project Manager:Robert PotterReported:4/11/00

## MTBE by EPA Method 8260A/Quality Control Sequois Analytical - San Carlos

					_		<b>D</b> .	DDC	DDD	-
	Date	Spike	Sample	QC		Reporting Limit		RPD	RPD	3.T . su
Analyte	Analyzed	Level	Result	Result	Units	Recov. Limits	%	Limit	%	Notes*
<b>Tatch:</b> 0040009	Date Prepa	red: 4/4/00	0		<u>Extrac</u>	tion Method: EP.	A 5030B	[P/T]	•	
iank	0040009-B	<u>LK1</u>								
Methyl tert-butyl ether	4/5/00			ND	mg/kg	0.100				
Surrogate: 1,2-Dichloroethane-d4	"	2.50		2.96	н	70.0-121	118			
ank	0040009-B	LK2								
Methyl tert-butyl ether	4/10/00			ND	mg/kg	0.100				
Currogate: 1,2-Dichloroethane-d4	"	2.50		2.46	"	70.0-121	98.4			
<u>LCS</u>	0040009-B	<u>S1</u>								
Methyl tert-butyl ether	4/5/00	2.50		2.64	mg/kg	70.0-130	106			
ırrogate: 1,2-Dichloroethane-d4	"	2.50		2.97	n .	70.0-121	119			
LCS	0040009-В	S2								
Methyl tert-butyl ether	4/10/00	2.50		2.04	mg/kg	70.0-130	81.6			
ırrogate: 1,2-Dichloroethane-d4	n	2.50		2.50	"	70.0-121	100			
Matrix Spike	0040009-M	<u>IS1 L</u>	003283-05							
lethyl tert-butyl ether	4/5/00	2.50	ND	2.35	mg/kg	60.0-140	94.0		* ***	
urrogate: 1,2-Dichloroethane-d4	"	2.50		2.60	rr T	70.0-121	104			
Matrix Spike Dup	0040009-M		.003283-05			en a	00.0	25.0	4.60	
lethyl tert-butyl ether	4/5/00	2.50	ND	2.47	mg/kg			25.0	4.98	
Jurrogate: 1,2-Dichloroethane-d4	"	2.50		2.78	"	70.0-121	111			



Secor\_5 1225 Pear Ave., Suite#110 Mountain View, CA 94043 Project: TOSCO/7121

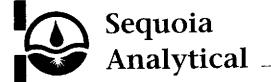
Project Number: 10151 E.14th St. Oakland

Project Manager: Robert Potter

Sampled: 3/27/00 Received: 3/28/00 Reported: 4/11/00

#### Total Metals by EPA 6000/7000 Series Methods/Quality Control Sequoia Analytical - Morgan Hill

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Recov. Limits	Recov.	RPD Limit	RPD %	Notes*
Batch: 0D05031	Date Prepare		<u>)</u>		Extrac	tion Method: EP.	A 3050B			
<u>Blank</u> Lead	<u>0D05031-BL</u> 4/4/00	<u>.K2</u>		ND	mg/kg	10.0				
LCS Lead	<u>0D05031-BS</u> 4/4/00	<u>3</u> 50.0		43.1	mg/kg	80-120	86.2			
<u>Matrix Spike</u> Lead	<u>0D05031-M3</u> 4/4/00	<u>51</u> <u>MJ</u> 50.0	22.9	75.5	mg/kg	80-120	105			
<u>Matrix Spike Dup</u> Lead	<u>0D05031-M5</u> 4/4/00	<u>SD1 MJ</u> 50.0	22.9	63.0	mg/kg	80-120	80.2	20	18.1	



1551 Industrial Road San Carlos, CA 94070-4111 (650) 232-9600 FAX (650) 232-9612

Fecor\_5 Project: TOSCO/7121
1225 Pear Ave., Suite#110 Project Number: 10151 E.14th St. Oakland
Mountain View, CA 94043 Project Manager: Robert Potter

Sampled: 3/27/00 Received: 3/28/00 Reported: 4/11/00

#### **Notes and Definitions**

Note

Chromatogram Pattern: Gasoline C6-C12

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

matrix interferences.

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

Recovery

RPD

Relative Percent Difference

### Nº 002131

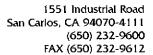
## TOSCO LOGGESTO

COOL	Jaivis Dirve	· worgan	ram, UA S	1000/ •	(400)	110-500	P) AA'1 - U	102-00	vo
819	Striker Ave.,	Suite 8 •	Sacramei	nto, CA	95834	• (916)	921-9600	FAX (916)	921-0100
1010	N. Miget Le	no a Molni	it Crook	CΔ Q4	508 • /0	125) 988.	-9600 FA	X (925) 988	3-9673

☐ 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: SECOR			Project Name: 606-03477.602
Address: 1225 Pew Are #	IID		TOSCO Engineer (required)
		: 94043	1
Telephone: (650)691-0131	FAX #: (650)6	91-9837	Site #, City, State: #7 1211 (10151 E 14th St., Oakland)
Report To: Robert Potter Sa	ampler: Jerem	Rosus	IOC Data: DiLevel D (Standard) Ullevel Ci Ullevel Bi Ullevel A I
	ork Days 🗆 3 Work	Days 🗅 Drin	nking Water Analyses Requested Analyses An
CODE: Misc. Detect. Eval. R	Remed. 🗅 Demol. 🗅 Ci	iosure 🗆 Oth	her stand of stand of stand of the stand of
	latrix # of Cont.	Sequoia's Sample #	
1.PD-A.4' 3-27 S	Soil 1	e	XXX X X X X X X X X X X X X X X X X X
2. PD-A, 6'	1 1	DI	1 1 1 1 + Hold PD-A,6'
3. PD -A -8'O			
4. PD-B-8' 02-			11110 EC
5.PD=F,5'		83	*Hold (0-F,5)
6.PD-F.6'		04	KHO PD-F, 6
7.PD-F.8100V	V V		VVV
8.			
9.			
10.			
Relinquished By:	Date: 3/21/	™ Time: 170	90 Received By: Date:5/27/00 Time: 1700
Relinquished By.	Date: 3/27/6	// Time:	Received By: Nolle lane Date: 328/00 Time: 0940
Relinquished By:	Date:	Time:	Received By: Date: Time:
	□ Yes □ No S	Samples on Ice?	☐ Yes ☐ No Method of Shipment Page of
To be completed upon receipt of report:			
<ol> <li>Were the analyses requested on the</li> <li>Was the report issued within the re</li> </ol>	ne Chain of Custody rep		/es □ No If no, what analyses are still needed?
2) was the report issued within the re	Signatur		Company: Date:





April 10, 2000

Robert Potter Secor 1225 Pear Ave., Suite#110 Mountain View, CA 94043

RE: TOSCO/L003250

Dear Robert Potter:

Enclosed are the results of analyses for sample(s) received by the laboratory on March 28, 2000. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Wayne Stevenson

Project Manager

CA ELAP Certificate Number I-2360



1551 Industrial Road San Carlos, CA 94070-4111 (650) 232-9600 FAX (650) 232-9612

Secor\_5 1225 Pear Ave., Suite#110 Mountain View, CA 94043 Project: TOSCO/7121

Project Manager: Robert Potter

Project Number: 10151 E.14th St. Oakland

Sampled: 3/27/00 Received: 3/28/00

Reported: 4/10/00

### ANALYTICAL REPORT FOR L003250

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
PD-A,8'	L003250-01	Soil	3/27/00
PD-B,8'	L003250-02	Soil	3/27/00
PD-F,8'	L003250-03	Soil	3/27/00



Froject: TOSCO/7121 Sampled: 3/27/00
1225 Pear Ave., Suite#110 Project Number: 10151 E.14th St. Oakland Received: 3/28/00
Mountain View, CA 94043 Project Manager: Robert Potter Reported: 4/10/00

Sample Description:

Laboratory Sample Number:

PD-A,8' L003250-01

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
		Sagn	aia Analytica	ıl - San Carlos				
Total Purgeable Hydrocarbons (C6-C1	1) RTFY on							
Purgeable Hydrocarbons as Gasoline	0040015	4/4/00	4/5/00	•	25.0	77.5	mg/kg	1
Benzene	#	m	н		0.125	0.162	"	
Foluene	**	11	**		0.125	1.48	11	
Ethylbenzene	<b>11</b>	11	77		0.125	1.15	*1	
Xylenes (total)	11	11	Ħ		0.125	7.98	11	
Methyl tert-butyl ether	17	If	11		1.25	43.8	#*	
Surrogate: a,a,a-Trifluorotoluene	"	**	n .	60.0-140		4.88	%	2
Total Metals by EPA 6000/7000 Series	Methods						_	
ead	0D05031	4/4/00	4/4/00	EPA 6010A	10.0	ND	mg/kg	



Secor\_5 1225 Pear Ave., Suite#110 Mountain View, CA 94043 Project: TOSCO/7121

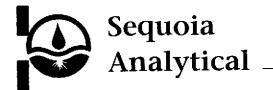
Project Manager: Robert Potter

Project Number: 10151 E.14th St. Oakland

Sampled: 3/27/00 Received: 3/28/00 Reported: 4/10/00

Sample Description: Laboratory Sample Number: PD-B,8' L003250-02

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method/ Surrogate Limits	Reporting Limit	Result	Units	Notes*
		Seau	oia Analytica	ıl - San Carlos				
Total Purgeable Hydrocarbons (C6-C1	2) RTEX an						•	
Purgeable Hydrocarbons as Gasoline	0040015	4/4/00	4/5/00	•	25.0	108	mg/kg	1
Benzene	"	H	11		0.125	ND	II .	
Toluene	n	11	44		0.125	1.52	į i	
	**	11	11		0.125	1.60	lt .	
Ethylbenzene	#	it .	н		0.125	11.7	n	
Xylenes (total) Methyl tert-butyl ether	11	H	н		1.25	12.1	*1	
Surrogate: a,a,a-Trifluorotoluene	π	"	H	60.0-140		3.70	%	2
<u>Total Metals by EPA 6000/7000 Series</u> Lead	Methods 0D05031	4/4/00	4/4/00	EPA 6010A	10.0	ND	mg/kg	



ecor\_5Project:TOSCO/7121Sampled:3/27/007225 Pear Ave., Suite#110Project Number:10151 E.14th St. OaklandReceived:3/28/00Mountain View, CA 94043Project Manager:Robert PotterReported:4/10/00

ample Description: Laboratory Sample Number: PD-F,8' L003250-03

	Batch	Date	Date	Specific Method/	Reporting			
Analyte	Number	Prepared	Analyzed	Surrogate Limits	Limit	Result	Units	Notes*
		0	• 4 1 . 4*	1. Car Carlas				
				l - San Carlos				
Total Purgeable Hydrocarbons (C6-C	<u>12), BTEX an</u>	<u>d MTBE by</u>	DHS LUFT	•				
Purgeable Hydrocarbons as Gasoline	0040015	4/4/00	4/5/00		1.00	ND	mg/kg	
Benzene	•	н	н		0.00500	ND	17	
oluene	11	**	Ħ		0.00500	ND	11	
Ethylbenzene	"	**	n		0.00500	ND	н	
Xylenes (total)	11	*1	н		0.00500	0.0144	11	
Methyl tert-butyl ether	11	ff	Ħ		0.0500	0.119	It	
Surrogate: a,a,a-Trifluorotoluene	"		11	60.0-140		78.0	%	
Total Metals by EPA 6000/7000 Serie	s Methods							
Lead	0D05031	4/4/00	4/4/00	EPA 6010A	10.0	ND	mg/kg	



Secor\_5 Project: TOSCO/7121 Sampled: 3/27/00
1225 Pear Ave., Suite#110 Project Number: 10151 E.14th St. Oakland Received: 3/28/00
Mountain View, CA 94043 Project Manager: Robert Potter Reported: 4/10/00

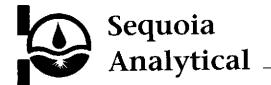
### Total Purgeable Hydrocarbons (C6-C12), BTEX and MTBE by DHS LUFT/Quality Control Sequois Analytical - San Carlos

	Date	Spike	Sample	QC	]	Reporting Limit	Recov.	RPD	RPD	
Analyte	Analyzed	Level	Result	Result	Units	Recov. Limits	%_	Limit	%	Notes*
						-				
Batch: 0040015	Date Prepa	red: 4/4/0	<u>0</u>		<u>Extracti</u>	ion Method: EP.	<u>A 5030B</u>	(P/T)		
Blank	0040015-BI	LK1								
Purgeable Hydrocarbons as Gasoline	4/4/00			ND	mg/kg	1.00				
Benzene	H			ND	17	0.00500				
Toluene	н			ND	#	0.00500				
Ethylbenzene	it			ND	11	0.00500				
Xylenes (total)	17			ND	**	0.00500				
Methyl tert-butyl ether	н			ND		0.0500				
Surrogate: a,a,a-Trifluorotoluene	н	0.200		0.198	π	60.0-140	99.0			
<u>LCS</u>	0040015-B	<u>S1</u>								
Benzene	4/4/00	0.200		0.227	mg/kg	70.0-130	113			
Toluene	H	0.200		0.222	n	70.0-130				
Ethylbenzene	H	0.200		0.227	"	70.0-130				
Xylenes (total)	IT	0.600		0.667		70.0-130				
Surrogate: a,a,a-Trifluorotoluene	я	0.200		0.214	n .	60.0-140	107			
LCS	0040015-B	<u>S2</u>								
Purgeable Hydrocarbons as Gasoline	4/4/00	5.00		4.31	mg/kg_	70.0-130				
Surrogate: a,a,a-Trifluorotoluene	n	0.200		0.208	H	60.0-140	104			
Matrix Spike	0040015-M	<u> </u>	<u> </u>							
Benzene	4/4/00	0.200	ND	0.219	mg/kg	60.0-140				
Toluene	н	0.200	ND	0.216	H	60.0-140				
Ethylbenzene	**	0.200	ND	0.220	IL	60.0-140				
Xylenes (total)	It	0.600	ND	0.647	<u>"</u>	60.0-140				
Surrogate: a,a,a-Trifluorotoluene	"	0.200		0.192	н	60.0-140	96.0			
Matrix Spike Dup	0040015-M	ISD1 I	L0040 <u>02-01</u>					•		
■ Benzene	4/4/00	0.200	ND	0.213	mg/kg	60.0-140		25.0	2.79	
Toluene	"	0.200	ND	0.209	H	60.0-140		25.0	2.82	
Ethylbenzene	**	0.200	ND	0.207	17	60.0-140		25.0	6.57	
Xylenes (total)	#	0.600	ND	0.631	e	60.0-140		25.0	2.82	<u> </u>
Surrogate: a,a,a-Trifluorotoluene	ff	0.200		0.180	n	60.0-140	90.0			

Sequoia Analytical - San Carlos

\*Refer to end of report for text of notes and definitions.





225 Pear Ave., Suite#110 Mountain View, CA 94043

Project: TOSCO/7121

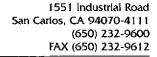
Project Number: 10151 E.14th St. Oakland Project Manager: Robert Potter

Sampled: 3/27/00

Received: 3/28/00 Reported: 4/10/00

#### Total Metals by EPA 6000/7000 Series Methods/Quality Control Sequoia Analytical - Morgan Hill

nalyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov.	RPD Limit	RPD %	Notes*
Patch: 0D05031	Date Prepar		<u>)</u>		Extrac	tion Method: EP.	A 3050B			
<u>lank</u> Lead	<u>0D05031-B</u> 3 4/4/00	<u>UKZ</u>		ND	mg/kg	10.0				
<u>CS</u> ead	<u>0D05031-B:</u> 4/4/00	<u>\$3</u> 50.0		43.1	mg/kg	80-120	86.2			
Matrix Spike ead	<u>0D05031-M</u> 4/4/00	<u>S1 MJ</u> 50.0	<u>IC1083-01</u> 22.9	75.5	mg/kg	80-120	105			
Matrix Spike Dup Cead	<u>0D05031-M</u> 4/4/00	1 <b>SD1 M.</b> 50.0	22.9	63.0	mg/kg	80-120	80.2	20	18.1	





Relative Percent Difference

RPD

Secor 5	Project: TOSCO/7	121 St	ampled:	3/27/00	
1225 Pear Ave., Suite#110	Project Number: 10151 E.1	4th St. Oakland Re	eceived:	3/28/00	
Mountain View, CA 94043	Project Manager: Robert Po	tter Re	eported:	4/10/00	

#### **Notes and Definitions**

#	Note
1	Chromatogram Pattern: Gasoline C6-C12
2	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.
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
Recov.	Recovery

# TOSCO LOSSESO

885 Jacyis Deivo Mi	o <u>rcen</u> Hill, <u>CA-9</u> 503	7 • (408) 776 9600	) • FAX (408)	782- <u>6308</u>
819 Striker Ave., Suit	:e 8 • Sacramento,	CA 95834 • (916) !	921-9600 FAX	(916) 921-010

□ 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: SECOR				Project Name: 606-03477-602								
Address: 1225 Peur Ave #110 TOSCO Engineer (required) Dave Dewitt												
City: My View State:	CA	Zip Code:	94043									
Telephone: (650)691-0131 FAX #: (650)691-9837					Site #, City, State: #7/21/ (1015) = 1455+., Oakland)							
Report To: Robert Potter	Sampler:	eren 7	Rosuts			Level D (Sta		Level		vel B	Ĺ Leve	
Turnaround Work Days 5 Work Days 5 Work Days 5 Drinking Water Analyses Requested 5												
CODE: Di Misc. Detect. Di Eval.	Remed. De	mol. 🗀 Clos	ure 🗆 Oth	ner	SIS MI		OLE HER OF	arics &	ation to	/ /		
Client Date/Time Sample I.D. Sampled	Matrix # of Desc. Cont.	Cont. Type	Sequoia's Sample #	/	HERABUS ME	FEAFERD AFER	HER BUT HER DES	Will Coulin	-340		Com	ments
1.PD-A.4' 3-27	Soil 1		Del .	X	X	$\times$		_,×		}	17010)	PP-A,4'
2. PD-A (6'			SI	11				$\bot$		*	47017 b	D-A,6'
3. PD -A -8 O				11	<u> </u>			_				
4. PD-B-8' 04				-	1-1-		<del></del>				1.1 80	2 5 5 1
5.PD=F,5			83_	-		-	-			- 1. 1	Hald 1	J-17,5
6.PD-F.6'	<del>                                      </del>		24		<del>  \/</del>	<del>  \//</del>		- \	<del></del>	<del>*</del>	HAD PI	J-1-,6
7.PD-F,8100V	<u> </u>				<u> </u>	V		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				
8.				-							·	
9.							-					<u> </u>
10.				Ц								
Relinquished By:	O Da	te: 3/27/00	Time: 170		ceived		<u> </u>		Date:5/2	7/00	Time:	1700
Relinquished By.	e. Da	te: 3/27/08	Time:	Re	ceived	By: NEC	eela	re	Date: 3	28/00	Time: (	940
Relinquished By:	Da	te:	Time:	Re	ceived	Ву:		_	Date:		Time:	
Were Samples Received in Good Condition?	□ Yes □ No	San	nples 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?											
Approved by:		_ Signature.				Compan	7 -					