

FAX COVER SHEET

5/3/99
 x=0.018 ppm
 2.3 ppm TPHg
 TPHg = ?
 TPHg = 11 ppm
 Ni = 14 ppm
 Zn = 13 ppm
 talked to Dan Madsen
 OK to use as backfill
 but depending on results of
 sidewalk - many come out
 again.

SECOR International Incorporated (SECOR)
 360 Twenty-Second Street, Suite 600
 Oakland, California 94612

STD 4050
 (E)

phone: (510) 285-2556
 fax: (510) 285-2568

PAGES TRANSMITTED (INCLUDING COVER PAGE):

7

To:

Susan Hugo

DATE:

5/3/99

ADDRESS:

COMPANY:

VOICE NUMBER:

FAX NUMBER:

337-9335

FROM:

Dan Madsen

RE:

Tosco 11126 - Emeryville

MESSAGE:

Susan, here is the analytical for the
 pec gravel stockpile composite sample. Can
 this material be used for backfill on-site?
 Please page me at 925-602-7555 or call
 510-285-2556 to confirm.

Thanks,
 Dan

Note: This message is intended only for the individual(s) to whom it is addressed and may contain privileged or confidential information. If you
 receive this communication in error, please notify the sender immediately by telephone and return the original by U.S. Mail to the address shown
 above. Thank you.

SEQUOIA ANALYTICAL

925 988 9673

04/29 17:36 :02/13 NO:921

**Sequoia
Analytical**680 Chesapeake Drive
404 N. Waget Lane
819 Striker Avenue, Suite B
1455 McDowell Blvd. North, Ste. D
1551 Industrial RoadRedwood City, CA 94063
Walnut Creek, CA 94598
Sacramento, CA 95834
Petaluma, CA 94954
San Carlos, CA 94070-4111(650) 364-9600
(925) 988-9600
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(707) 792-1865
(650) 232-9600FAX (650) 364-9233
FAX (925) 988-9673
FAX (916) 921-0100
FAX (707) 792-0342
FAX (650) 232-9612

SECOR

1390 Willow Pass Rd, Ste 360
Concord, CA 94520
Attention: Dan MadsenClient Project ID: Tosco BP 11128, Emeryville
Sample Matrix: Soil
Analysis Method: EPA 5030/8015 Mod./8020
Flat Sample #: 904-2514Sampled: Apr 28, 1999
Received: Apr 28, 1999
Reported: Apr 29, 1999

QC Batch Number:

SP042889

8020EXA

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

Analyte	Reporting Limit mg/Kg	Sample I.D. 804-2514 PGSP (A-F)
Purgeable Hydrocarbons	1.0	N.D.
Benzene	0.0050	N.D.
Toluene	0.0050	N.D.
Ethyl Benzene	0.0050	N.D.
Total Xylenes	0.0050	0.018
MTBE	0.050	N.D.

Chromatogram Pattern: ..

Quality Control Data

Report Limit Multiplication Factor:	1.0
Date Analyzed:	4/28/99
Instrument Identification:	HP-5
Surrogate Recovery, %: (QC Limits = 40-140%)	103

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


Dimple Sharma
Project Manager

SEQUOIA ANALYTICAL

925 988 9673

04/28/99 17:36 :03/13 NO:921



Sequoia Analytical

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FAX (650) 364-0233
FAX (925) 988-9673
FAX (916) 921-8180
FAX (707) 792-0342
FAX (650) 232-9612

SECOR
1390 Willow Pass Rd, Ste 360
Concord, CA 94520
Attention: Dan Madsen

Client Project ID: **Tosco BP 11126, Emeryville**
Sample Matrix: **Soil**
Analysis Method: **EPA 3550/8015 Mod.**
First Sample #: **904-2514**

Sampled: **Apr 28, 1999**
Received: **Apr 28, 1999**
Reported: **Apr 29, 1999**

QC Batch Number:

SP042899

8015EXC

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit mg/kg	Sample I.D. 904-2514 PGSP(A-F)
Extractable Hydrocarbons	1.0	2.3

Chromatogram Pattern.

Unidentified Hydrocarbons
> C16

Quality Control Data

Report Limit Multiplication Factor:	1.0
Date Extracted:	4/28/99
Date Analyzed:	4/29/99
Instrument Identification:	MP-3A

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

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Dimple Sharma
Project Manager



Sequoia Analytical

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San Carlos, CA 94070 4111 (650) 232-9500 FAX (650) 232-9612

SECOR
1390 Willow Pass Rd, Ste 360
Concord, CA 94520
Attention: Dan Madsen

Client Project ID: Tosco BP 11126, Emeryville
Sample Matrix: Soil
Analysis Method: EPA 3550/8015 Mod.
First Sample #: 904-2514

Sampled: Apr 28, 1999
Received: Apr 28, 1999
Reported: Apr 29, 1999

QC Batch Number:

SPO42880

8015EXC

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS As Motor Oil

Analyte	Reporting Limit mg/kg	Sample I.D. 904-2514 PGSP(A-F)
Extractable Hydrocarbons	10	11

Chromatogram Pattern: Motor Oil

Quality Control Data

Report Limit Multiplication Factor:	1.0
Date Extracted:	4/28/99
Date Analyzed:	4/29/99
Instrument Identification:	HP-3A

Extractable Hydrocarbons are quantitated against a fresh diesel standard, analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
Dimple Sharma
Project Manager



Sequoia Analytical

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 FAX (650) 232-9612

SECOR
 1390 Willow Pass Rd, Ste 360
 Concord, CA 94520
 Attention: Dan Madsen

Client Project ID: Tosco BP 11126, Emeryville
 Sample Descript: Soil, PGSP (A-F)
 Analysis Method: EPA 5030/8010
 Lab Number: 904-2514

Sampled: Apr 28, 1999
 Received: Apr 28, 1999
 Analyzed: Apr 28, 1999
 Reported: Apr 29, 1999

OC Batch Number: SF0423998010EXA
 Instrument ID: HP-8

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	25	N.D.
Bromoform	25	N.D.
Bromomethane	50	N.D.
Carbon tetrachloride	25	N.D.
Chlorobenzene	25	N.D.
Chloroethane	50	N.D.
Chloroform	25	N.D.
Chloromethane	50	N.D.
Dibromochloromethane	25	N.D.
1,2-Dichlorobenzene	25	N.D.
1,3-Dichlorobenzene	25	N.D.
1,4-Dichlorobenzene	25	N.D.
1,1-Dichloroethane	25	N.D.
1,2-Dichloroethane	25	N.D.
1,1-Dichloroethene	25	N.D.
cis-1,2-Dichloroethane	25	N.D.
trans-1,2-Dichloroethane	25	N.D.
1,2-Dichloropropane	25	N.D.
cis-1,3-Dichloropropane	25	N.D.
trans-1,3-Dichloropropane	25	N.D.
Methylene chloride	500	N.D.
1,1,2,2-Tetrachloroethane	25	N.D.
Tetrachloroethene	25	N.D.
1,1,1-Trichloroethane	25	N.D.
1,1,2-Trichloroethane	25	N.D.
Trichloroethene	25	N.D.
Trichlorofluoromethane	25	N.D.
Vinyl chloride	50	N.D.
Surrogates		
1-Chloro-2-fluorobenzene	Control Limit % 50	% Recovery 126
4-Bromofluorobenzene	150	106

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

SEQUOIA ANALYTICAL, #1271

Dimple Sharma
 Dimple Sharma
 Project Manager

UNOCAL

680 Chesapeake Drive • Redwood City, CA 94063 • (650) 364-8600
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04/30/99 FRI 07:49 FAX 925 686 3099 SECUR CONCORD
 04/29/99 17:36 :07/13 NO:921
 925 988 9673
 OAKLAND
 SEQOIA ANALYTICAL

Consultant Company: **SECOR** Project Name: **Tosco**
 Address: **1390 Willow Pass Rd, Ste 360** UNOCAL Project Manager: **Dave Dewitt**
 City: **Concord** State: **Ca** Zip Code: **94520** AFE #: **CAR00000023a 9904671**
 Telephone: **(925) 686-9780** FAX #: **(925) 686-3099** Site #, City, State: **BP11126, Emeryville, CA**
 Report To: **Dan Madsen** Sampler: **Nyree Haggopian** 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

Drinking Water
 Waste Water
 Other

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

Client Sample I.O.	Date/Time Sampled	Matrix Desc.	# of Corri.	Corri. Type	Laboratory Sample #	Analyses Requested						Comments	
						TPH Gasoline	TPH Diesel	TPH Motor Oil	BTX	MTBE	Chlorinated		Metallics
1. P&SP (A-F)	9/28/99	Gravel	6	Brass	9042524	X	X	X	X	X	X	X	Composite
2.					A-F								
3.													
4.													
5.													
6.													
7.													
8.													
9.													
10.													

Relinquished By: Nyree Haggopian	Date: 9/28/99	Time: 14:25	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By: Ronald C. Jensen	Date: 9/28/99	Time: 19:25

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: _____