



**ALTON
GEOSCIENCE**
Livermore, California

FAX

To: Robert Weston
ALHA

From: Tom Seeliger

Date: 5/10/97
Number of Pages: 5
(including cover)
Phone: (925) 606-9150
Fax: (925) 606-9260

Subject: Tosco # 3737, 1400 Powell St., Emeryville

Comments:
Dave -
I have attached a site plan & sample results
for the site. ABW
Thanks
Tom



Sequoia Analytical

Chesapeake Drive
404 N. Wilget Lane
819 Sticker Avenue, Suite 8
1455 McDowell Blvd. North Ste. D
1551 Industrial Road

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Walnut Creek, CA 945
Sacramento, CA 95834
Petaluma, CA 94954
San Carlos, CA 94070-4111

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FAX (650) 232-9612

Alton Geoscience
30-A Lindbergh Ave.
Livermore, CA 94550
Attention: Tom Seeliger

Client Project ID: Tosco #3737, Emeryville
Sample Matrix: Soil
Analysis Method: EPA 5030/8015 Mod./8020
First Sample #: 905-0414

Sampled: May 7, 1999
Received: May 7, 1999
Reported: May 10, 1999

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX / MTBE

Analyte	Reporting Limit mg/Kg	Sample I.D. 905-0414 D-1(1.5)	Sample I.D. 905-0415 PL-3(4)	Sample I.D. 905-0416 PL-1(2)	Sample I.D. 905-0417 PL-4(2)	Sample I.D. 905-0418 D-2(1.5)	Sample I.D. 905-0419 PL-2(2)
Purgeable Hydrocarbons	1.0	N.D.	310	480	39	61	1,200
Benzene	0.0050	N.D.	N.D.	0.37	2.1	0.50	2.4
Toluene	0.0050	0.0062	1.8	0.41	1.0	0.28	23
Ethyl Benzene	0.0050	N.D.	1.1	0.27	1.6	0.13	6.8
Total Xylenes	0.0050	N.D.	4.1	1.4	4.1	0.37	48
MTBE	0.050	0.011	N.D.	N.D.	1.1	0.74	N.D.

Chromatogram Pattern:

Gasoline &
Unidentified
Hydrocarbons
> C10

Unidentified
Hydrocarbons
C6-C12

Gasoline &
Unidentified
Hydrocarbons
> C10

Gasoline

Gasoline &
Unidentified
Hydrocarbons
> C10

Quality Control Data

Report Limit Multiplication Factor:	1.0	100	50	20	10	100
Date Analyzed:	5/7/99	5/7/99	5/7/99	5/7/99	5/8/99	5/7/99
Instrument Identification:	HP-5	HP-5	HP-5	HP-5	HP-5	HP-5
Surrogate Recovery, %: (QC Limits = 40-140%)	106	*	*	169**	118	*

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 acceptance limits due to dilution.
- ** Surrogate recovery above acceptance limits due to coelution.

9050414.ALT <1>



Sequoia Analytical

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Alton Geoscience
30-A Lindbergh Ave.
Livermore, CA 94550
Attention: Tom Seallger

Client Project ID: Tosco #3737, Emeryville
Sample Matrix: Soil
Analysis Method: EPA 3550/8015 Mod.
First Sample #: 905-0414

Sampled: May 7, 1999
Received: May 7, 1999
Reported: May 10, 1999

TOTAL EXTRACTABLE PETROLEUM HYDROCARBONS

Analyte	Reporting Limit mg/kg	Sample I.D. 905-0414 D-1(1.5)	Sample I.D. 905-0415 PL-3(4)	Sample I.D. 905-0416 PL-1(2)	Sample I.D. 905-0417 PL-4(2)	Sample I.D. 905-0418 D-2(1.5)	Sample I.D. 905-0419 PL-2(2)
Extractable Hydrocarbons	1.0	N.D.	120	260	N.D.	36	710
Chromatogram Pattern:	--	--	Diesel & Unidentified Hydrocarbons <C14, >C18	Diesel & Unidentified Hydrocarbons <C14	--	Unidentified Hydrocarbons >C12	Diesel & Unidentified Hydrocarbons <C14

Quality Control Data

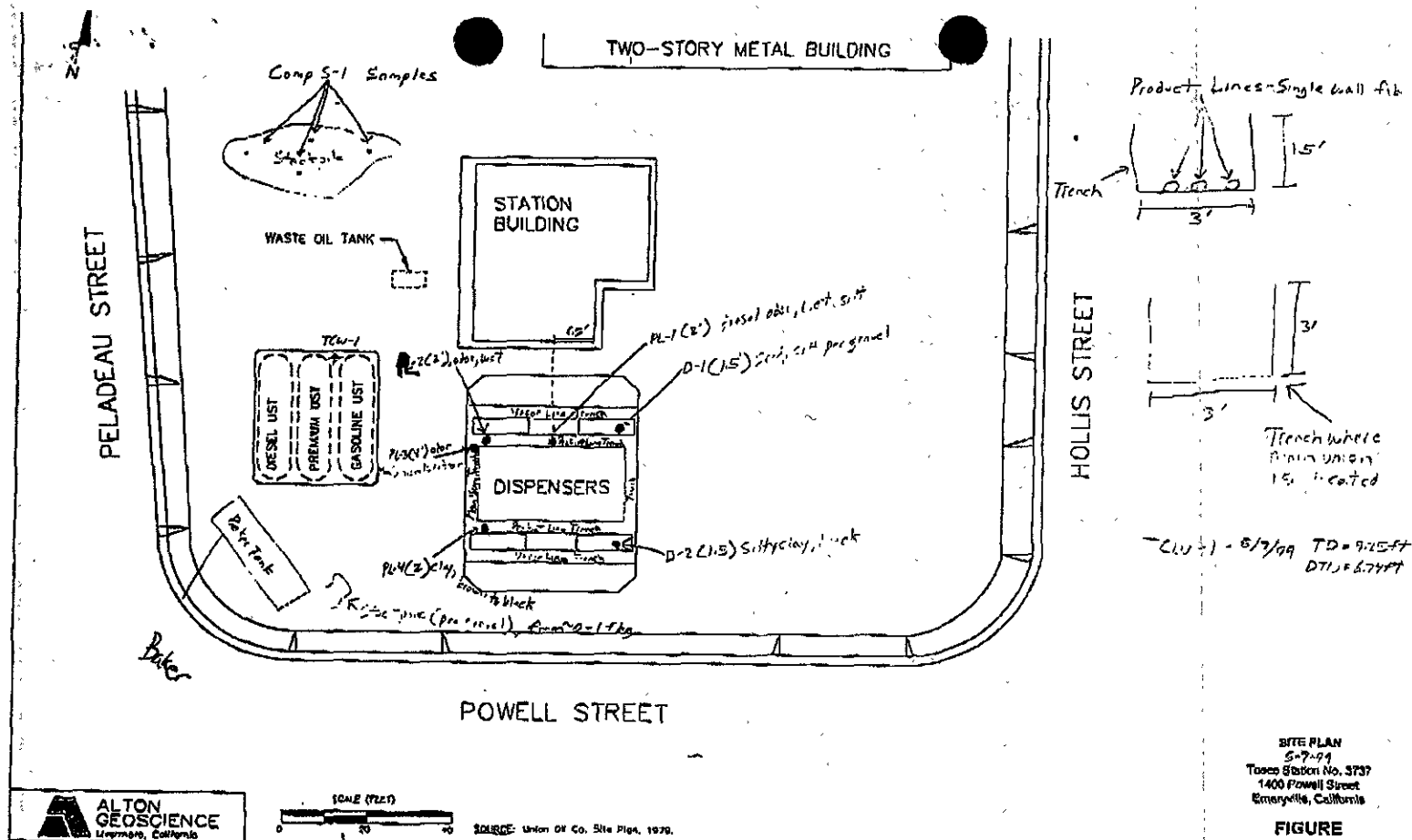
Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0	1.0	1.0
Date Extracted:	5/7/99	5/7/99	5/7/99	5/7/99	5/7/99	5/7/99
Date Analyzed:	5/10/99	5/10/99	5/10/99	5/10/99	5/10/99	5/10/99
Instrument Identification:	HP-3B	HP-3A	HP-3B	HP-3A	HP-3A	HP-3A

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

Julianne Fogley
Julianne Fogley
Project Manager

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SEQUOIA ANALYTICAL CHAIN OF CUSTODY

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☐ 1455 McDowell Blvd. North, Suite D • Petaluma, CA 94954 • (707) 792-1865 FAX (707) 792-0342

Company Name: <u>Alton Geoscience</u>			Project Name: <u>Tosco 3737, Emeryville</u>		
Mailing Address: <u>30A Lindbergh Ave</u>			Billing Address (if different): <u>Dave DeWitt 9405135</u>		
City: <u>Livermore</u>	State: <u>CA</u>	Zip Code: <u>94550</u>	<u>2000 Crow Canyon Place, Suite 400</u>		
Telephone: <u>(925) 806-9150</u>		FAX #: <u>(925) 806-9260</u>	P.O. #: <u>3737</u>		<u>San Ramon 94583</u>
Report To: <u>Tom Seeliger</u>		Sampler: <u>Chris Smiga</u>		QC Data: ☒ Level D (Standard) ☐ Level C ☐ Level B ☐ 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-6	BTEX	MTBE*	TPH-DH*	Comments
1. D-1 (1.5)	5-7-99/10:16	Soil	1	Tube	9050414	X	X	X	X	*Confirm highest Conc. w/ 8260
2. PL-3 (4)	5-7-99/11:00	Soil	1		9050415	X	X	X	X	
3. PL-1 (2)	5-7-99/10:38	Soil	1		9050416	X	X	X	X	*Silica gel
4. PL-4 (2)	5-7-99/10:43	Soil	1		9050417	X	X	X	X	Clean-up on 10:43
5. D-2 (1.5)	5-7-99/10:26	Soil	1		9050418	X	X	X	X	
6. PL-2 (2)	5-7-99/10:50	Soil	1	✓	9050419	X	X	X	X	
7.										
8.										
9.										
10.										

Relinquished By: <u>Chris Smiga</u>	Date: <u>5/7/99</u>	Time: <u>13:45</u>	Received By: _____	Date: _____	Time: _____
Relinquished By: _____	Date: _____	Time: _____	Received By: _____	Date: _____	Time: _____
Relinquished By: _____	Date: _____	Time: _____	Received By Lab: <u>Ronald Jensen</u>	Date: <u>5/7/99</u>	Time: <u>13:45</u>

Were Samples Received in Good Condition? ☐ Yes ☐ No

Samples on Ice? ☐ Yes ☐ No Method of Shipment _____

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TOTAL P.05

MAY-10-1999 13:32

ALTON GEOSCIENCE

925 606 9260 P.05/05