

#1650

# AEI

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**Date:** March 28, 2000

Hard Copy Sent? Y  N

**To:** Mr. Barney Chan

Phone:

Fax: (510) 337-9335

**From:** John Ormerod

**Pages:** 6, including this cover page

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**Subject:** Analytical Results  
807 75<sup>th</sup> Avenue  
Oakland, CA

Here is the analytical for the over-excavation at the property referenced above.  
Please call me at (925) 283-6000 if you have any questions.

- Need to sample gw from casing + if necessary  
add H<sub>2</sub>O<sub>2</sub> / ORC slurry or remove more gw.  
add microbes





 <b>McCAMPBELL ANALYTICAL INC</b>	110 2nd Avenue South, #D7, Pacheco, CA 94553-5560 Telephone : 925-798-1620 Fax : 925-798-1622 <a href="http://www.mccampbell.com">http://www.mccampbell.com</a> E-mail: main@mccampbell.com
	(Empty space)

All Environmental Inc. 3210 Old Tunnel Road, Suite B Lafayette, CA 94549-4157	Client Project ID: #3456; Omega	Date Sampled: 03/16/00
		Date Received: 03/16/00
	Client Contact: John Ormerod	Date Extracted: 03/16/00
	Client P.O:	Date Analyzed: 03/16/00

**Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel \***

EPA methods modified 8015, and 3550 or 3510; California RWQCB (SF Bay Region) method GCF11A(3550) or GCF11B(3510)

Lab ID	Client ID	Matrix	TPH(d)	% Recovery Surrogate
33183	AEI EB 7	S	220,d,b (UST)	83
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	W	50 ug/L		
	S	1.0 mg/kg		

\* water and vapor samples are reported in ug/L, wipe samples in ug/wipe, soil and sludge samples in mg/kg, and all TCLP / STLK / SPLP extracts in ug/L

† cluttered chromatogram resulting in coeluted surrogate and sample peaks, or: surrogate peak is on elevated baseline, or: surrogate has been diminished by dilution of original extract.

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) medium boiling point pattern that does not match diesel (?); f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible stream is present; i) liquid sample that contains greater than ~5 vol. % sediment.

DHS Certification No. 1644

 Edward Hamilton, Lab Director



03/28/2000 16:30 FAX 9258336121 ent By: McCampbell Analytical;

AEI Consultants Mar-28-00 1:46PM; 925 798 4612;

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ALL ENVIRONMENTAL, INC. Environmental Engineering & Construction 901 Moraga Road, Suite C Lafayette, CA 94549 (925) 283-6000 Fax: (925) 283-8121

19336 ZALE. 169

TAT: RUSH / 24 hr / 48 hr / 5 day / other

CHAIN OF CUSTODY

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AEI PROJECT MANAGER John Ormerod PROJECT NAME Omega PROJECT NUMBER 3456 TOTAL # OF CONTAINERS 13 RCVD. GOOD CONDITION/COLD [Y] [N]

Table with columns for analytical parameters: TPC(O), STEC, MTBE, TOTAL OIL & GREASE, VOLATILE HALOCARBONS, TOC, SEMI-VOLATILE ORGANICS, TOTAL LEAD, METALS. Includes sub-columns for soil, water, and sludge matrices.

Main data table with columns: SAMPLE ID, DATE, TIME, MATRIX, and analytical results for various parameters. Rows include AEI EB 7 (500gallon UST), AEI SW South 8', AEI EB West 11 1/2', AEI SW North 8', AEI SW East 8', AEI STKP 1-4, and AEI STKP 5-8.

ICEM ✓ GOOD CONDITION ✓ LEAD SPACE ABSENT PRESERVATION APPROPRIATE CONTAINERS ✓ VOAS/D&G/METALS/OTHER

COMMENTS / INSTRUCTIONS ANALYTICAL LABORATORY McCampbell Analytical RELINQUISHED BY John Ormerod RECEIVED BY Yen Cao RELINQUISHED BY RECEIVED BY