



**Delta**  
Environmental  
Consultants, Inc.

3330 Data Drive  
Rancho Cordova, CA 95670  
916/638-2085  
FAX:916/638-8385

July 3, 1990

Mr. Glenn R. Dembroff  
Manager, Marketing Environmental  
Ultramar Incorporated  
525 West Third Street  
Hanford, California 93230

Subject: *Removal of Waste Oil Tank and Adjacent Soils* Report  
for the Beacon Station Located at 1619 West First Street  
Livermore, California, Beacon #604  
Delta Project No. 40-89-095

Dear Mr. Dembroff:

The enclosed copies of the *Removal of Waste Oil Tank and Adjacent Soils* report are provided for submittal to the regulatory agencies. The agencies that should receive a copy of this report are listed below:

Mr. Randy S. Griffith  
Fire Department  
City of Livermore  
4550 East Avenue  
Livermore, California 94550  
(415) 373-5411

Mr. Gil Wister  
Department of Hazardous Materials  
Alameda County Health Agency  
80 Swan Way, Room 200  
Oakland, California 94621  
(415) 271-4320

I spoke with Mr. Wister of the Alameda County Health Agency on June 26, 1990, to determine an acceptable reporting deadline for this project. He indicated that since the situation with the soils stockpiled at the site may not be resolved in the near future, we should forward the report as is. He would like the cover letter that accompanies the report to address our current plans for the stockpiled soils. I told him we were in the process of exploring alternatives for the ultimate disposal of these soils.

Mr. Glenn R. Dembroff  
July 3, 1990  
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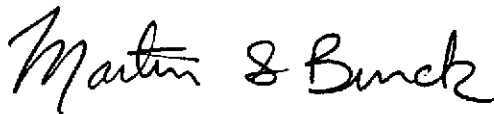
We have been unable to locate a nearby Class III landfill that will accept the soil. Some Class III landfills will not accept soil with any detectable level of oil and grease. A cursory check with the Zancor Road Landfill in San Jose revealed that oil and grease is acceptable in soil in a concentration less than 100 ppm. A more detailed inquiry into the Zancor Road Landfill requirements will be pursued. Laboratory reports for the composited soil stockpile sample (CSP-A) collected on May 25, 1990, are enclosed. Sample CSP-A was analyzed for oil and grease (300 ppm), organic lead (33.0 ppm) and chromium (24.5 ppm). The analytical results for the initial sample (SP-1) collected from the soil stockpile are presented in the enclosed report.

As you requested, a highly organic material, such as mushroom compost, will be mixed with the soil stockpile. At the same time, the pile will be wetted and covered with visquine to induce organism breakdown of the oil and grease currently in the soil. In order to gain acceptance to dispose of the soil at the Zancor Road Landfill, the oil and grease concentration must be reduced from 300 to 400 ppm to less than 100 ppm. A revised cost estimate for the task of treating the soil and obtaining acceptance at a landfill will be prepared and forwarded.

Please call if you have any questions.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

A handwritten signature in cursive script that reads "Martin S. Burck".

Martin S. Burck  
Hydrogeologist

MSB:law  
Enclosures



# MOBILE CHEM LABS INC.

1678 Relliz Valley Road  
Lafayette, CA 94549 • (415) 945-1266

Delta Environmental Consultants, Inc.  
3330 Data Drive  
Rancho Cordova, CA 95670  
Attn: Martin S. Burck  
Project Manager

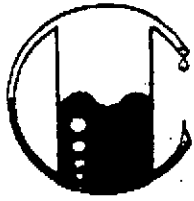
Date Sampled: 05-24-90  
Date Received: 05-24-90  
Date Reported: 05-26-90

<u>Sample Number</u>	<u>Sample Description</u>	<u>Detection Limit</u>	<u>SOIL Gravimetric Waste Oil as Petroleum Oil</u>
		ppm	ppm
	Ultramar # 604 - Livermore Project # 40-89-095		
V050107	CSP-A	50	300

Note: Analysis was performed using EPA extraction method 3550 with Trichlorotrifluoroethane as solvent, and gravimetric determination by standard methods 503E

MOBILE CHEM LABS

*Ronald G. Evans*  
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Lab Director



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Attn: Martin S. Burck  
Project Manager

Date Sampled: 05-24-90  
Date Received: 05-24-90  
Date Reported: 06-21-90

## ORGANIC LEAD

Sample Number	Sample Description	Detection Limit	Sample Results
		ppm	ppm
	Ultramar Station# 604 - Livermore WO# 40-89-095		
V050107	CSP-A SP-1A - SP-3A (Composite)	0.010	33.0

QA/QC:\* Sample blank is none-detected  
Spike recovery is 93%  
Duplicate deviation is 0.67%

Note: Analysis - California LUFT Manual, 12/87

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Date Sampled: 05-24-90  
Date Received: 05-24-90  
Date Reported: 06-21-90

## CHROMIUM

Sample Number	Sample Description	Detection Limit	Sample Results
		ppm	ppm
	Ultramar Station# 604 - Livermore WO# 40-89-095		
V050107	CSP-A SP-1A - SP-3A (Composite)	0.4	24.5

QA/QC: \* Sample blank is none-detected  
Spike recovery is 90%  
Duplicate deviation is 0.41%

Note: Analysis - California LUFT Manual, 12/87

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Lab Director