

# Certified Environmental Consulting Inc.



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HAZMAT

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April 6, 1994

REF: 477-1532.WP

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Mr. Barney M. Chan  
Alameda County Health Care Services  
Department of Environmental Health  
80 Swan Way, Rm 200  
Oakland, CA 94621

**SUBJECT: Amendments to Work Plan for Remediation at Motor Partners,  
1234 40th Avenue, Oakland, CA 94621**

Dear Mr. Chan:

The attached amendments to the Work Plan are submitted by Certified Environmental Consulting, Inc. (CEC) for the Motor Partners project located at 1234 40th Avenue in Oakland.

A new site layout map is provided with the proposed locations for installation of three monitoring wells. Two soil borings will be conducted inside the building and four outside the building. Analysis will include TPH-D, TPH-Motor Oil, TPH-G, BTEX for all samples, and volatile organics for one sample.

If you have questions, please give us a call. We are looking forward to working with you on this project.

Sincerely,

Handwritten signature of Gary Rogers in cursive.

Gary Rogers, Ph.D.  
District Manager

Handwritten signature of Stanley L. Klemetson in cursive.

Stanley L. Klemetson, Ph.D., P.E.  
Exec. Vice President

Enclosures

cc: Bill Owens, Motor Partners

**AMMENDMENTS TO WORK PLAN FOR REMEDIATION**

**PROJECT SITE**

**Motor Partners  
1234 40th Avenue  
Oakland, CA 94621**

**PREPARED FOR**

**Mr. Bill Owens  
Motor Partners  
2221 Olympic Blvd.  
Walnut Creek, CA 94595  
(510) 935-3840**

**SUBMITTED TO**

**Mr. Barney M. Chan  
Alameda County Health Care Services  
Department of Environmental Health  
80 Swan Way, Rm 200  
Oakland, CA 94621**

**PREPARED BY**

**Certified Environmental Consulting  
32 West 25th Ave., Suite 102  
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**CEC PROJECT NO.  
477-1532**

**April 6, 1994**

## Amendments to the Work Plan

### Task 2 - Determination of Extent of Contamination and Ground Water Depth

A total of 6 soil borings will be completed to determine the lateral and vertical extent of contamination (see Figure 2 for proposed locations of borings). Four borings will be conducted outside the building and two borings inside the building. Soil samples will be collected at 5 foot intervals. Soil samples will be screened and selected samples will be taken under chain of custody to a certified laboratory for analysis. A grab water sample will also be collected from each boring. All the samples will be analyzed for BTEX, TPH-G, TPH-D, and TPH-Motor Oil. In addition, a single sample will be submitted for chlorinated hydrocarbon analysis and semi-volatile organics analysis.

### Task 3 - Well Installation and Development

Three monitoring wells will be installed. One well will be installed within 10 feet of the waste oil tank in the down gradient direction. After completion, the wells will be monitored for four quarters over the period of one year to determine any impacts on local groundwater quality. The groundwater monitoring wells (MW-1, MW-2 and MW-3, Figure 2) will be installed and developed according to SWRCB standards following the procedures in Appendix C of the Work Plan.

During drilling, soil samples will be collected at 5-ft. intervals or at distinct lithologic changes. In addition, one soil sample will be collected immediately above the water table (from the capillary fringe) in each well. Soil samples will be screened using an OVM. Unless hydrocarbon vapor concentrations greater than approximately 10 ppm are detected, only the soil sample from the capillary fringe will be submitted for laboratory analysis.



Handwritten signature of Stanley L. Klemetson in black ink.

Stanley L. Klemetson, Ph.D., P.E.  
Vice President  
P.E. No. 40087