

Environmental Consultants

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FAX 415 829-5493**SCS ENGINEERS**January 10, 1990  
File No. 0389058.00Mr. John Nady  
Nady Systems, Inc.  
1145 - 65th Street  
Oakland, CA 94608

Subject: Addendum to SCS Letter dated 12/19/89

Dear Mr. Nady:

The clean up of migrating gasoline or gasoline degradation product if found in MW 5 will most likely be remediated utilizing a carbon filter system. The effluent water should be able to be discharged to a sanitary sewer. The cost of such a system should not exceed \$35,000.

The drums on site are supposed to be picked up by Chem Waste this week. Please call me if there are any questions.

Sincerely,

John P. Cummings, Ph.D., R.E.A., R.E.P.  
Office Director  
SCS Engineers

JPC/tls

**SCS ENGINEERS**

December 19, 1989  
File No. 0389058.00

Mr. John Nady, President  
Nady Systems, Inc.  
1145 - 65th Street  
Oakland, California 94608

Subject: Environmental Review and Assessment of the Michael Roberts Color Production Property located at 6707 Bay Street, Emeryville, California.

Dear Mr. Nady:

SCS Engineers is pleased to present this review of the work that has been accomplished, with conclusions based on analytical data and investigations completed by prior consultants and a general site visit of the site at 6707 Bay Street in Emeryville.

The tank excavation has been completed with the three tanks removed. However the soil remaining appears to have a relatively high concentration of methyl isobutyl ketone. This material is extremely volatile and can be hazardous to humans in air. The material upon agreement with George Wilson of L & W Environmental has been placed back into the excavation with a plan to complete a soil vapor extraction curb operation. Polyvinyl chloride perforated tubes will be placed into the soil which appears to be silty sand, and will draw out the highly volatile methyl isobutyl ketone. The effluent vapor will be put through a carbon absorption unit to take out ketone material. This soil extraction mechanism is estimated to take approximately



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trouble hydrocarbons and for nonvolatile hydrocarbons (i.e., grease as well as metals). SCS Engineers expects to review the removal of the 22 drums on site which have already been examined and are prepared for transportation off-site to a "Class 1" TSD facility. Based upon the analysis and the sampling, as well as other investigations which should be completed within the next two weeks, SCS Engineers expects that in the worst case the Monitoring Well number 5 may have to become a remediation well. The water extracted from that well will be placed through some sort of "carbon filter" to remove the benzene and other gasoline by-product contaminants from the water, with the effluent water being sent to a sanitary sewer, to the local P.O.P.W. It is expected that the entire analysis and report of recommendations conclusions and summary shall be completed in 45 days. The estimated cost of having to place a remediation unit for the suspected groundwater contamination should be about \$35,000.

SCS Engineers will also recommend that all the monitoring wells be monitored quarterly for the next year. Based on the results after the year, a recommendation will be made as to whether continuing monitoring is required or if the problem is sufficiently controlled and there is no longer a need for quarterly monitoring.

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Should you have any questions concerning this letter, please call me or Kent Madenwald at (415) 829-0661.

Sincerely,

*John P. Cummings*  
JPC

John P. Cummings, Ph.D., R.E.A.  
Project Director  
SCS Engineers

*Kent A. Madenwald*

Kent A. Madenwald  
Project Manager  
SCS Engineers

JPC/tls

cc: Mahesh Kharkar, Wells Fargo Bank  
Robert P. Gates, Esq.