INTERNATIONAL TECHNOLOGY CORPORATION

Pacific Environmental Group, Inc.
1601 Civic Center Drive
Suite 202
Santa Clara, CA 95050

July 15, 1988

RECEIVED
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PACIFIC ENVIRONMENTAL GROUP, INC.

ATTN: John Adams

Following are the results of analyses on the samples described below.

Project:	330-06.03
Lab Numbers:	S8-07-138-01 thru S8-07-138-06
Number of Samples:	6; 1 composite of 5 and 1 individual
Sample Type:	Soil
Date Received:	7/13/88
Analyses Requested:	Low Boiling Hydrocarbons, High Boiling Hydrocarbons (oil), Oil & Grease

The method of analysis for low boiling hydrocarbons is taken from EPA Methods 8015, 8020 and 5030. The sample is examined using the purge and trap technique. Final detection is by gas chromatography using a flame ionization detector as well as a photoionization detector.

The result for total low boiling hydrocarbons is calculated as gasoline and includes benzene, toluene, ethyl benzene and xylenes.

The method of analysis for high boiling hydrocarbons in soil involves extracting the sample with acetone. The mixture is partitioned with hexane and the resulting extract is examined by gas chromatography using a flame ionization detector.

The method of analysis for oil and grease in soil is taken from EPA Method 3550 and Standard Methods Section 503E. The sample is extracted with repeated portions of 50:50 methylene chloride:acetone using a horn-type sonicator. The extract is dried with sodium sulfate and treated with silica gel to remove polar compounds. Following evaporation, oil and grease is determined gravimetrically.

Fred Rouse

FR/gg

2 Pages Following - Tables of Results

IT/Santa Clara to
Pacific Environmental Group, Inc.
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Summary of Results

ND = None Detected

Parts per Million - dry soil basis

Lab Number	Sample Identification	Low Boiling Hydrocarbons (Gasoline)	Benzene	Toluene	Ethyl benzene and xylenes
S8-07-138-01, S8-07-138-02, S8-07-138-03, S8-07-138-04, S8-07-138-05 [composite]	A-15A A-15B A-15C A-15D A-15E [composite]	7.	ND	ND	ND
Detection Limit		5.	0.05	0.1	0.4

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Results

Lab Number	Sample Identification	Parts per Million - dry soil basis: High Boiling Hydrocarbons (calculated as oil)	Parts per Million - dry soil basis: Oil & Grease
S8-07-138-06	WDSW-SW2	10.	20.
Detection Limit		10.	10.