

ENVIRONMENTAL RESEARCH GROUP, INC.



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April 7, 1986

KEI Engineers
535 Main Street
Martinez, CA 94553

Attention: Mardo Kapriliean

Report #7535

P.O. #Contract

Site Location: Mobil, Oakland, 35th

RE: Seven (7) soil samples submitted on April 2, 1986, for rush total hydrocarbon response analysis.

Procedure: The samples are analyzed for total hydrocarbon response (gasoline) by following the method described in Attachment 2, Analytical Procedures for Fuel Leak Investigations. The samples are concentrated on a Tekmar LSC-2 automatic sample concentrator prior to injection into a gas chromatograph fitted with a flame ionization detector. Quantitation is performed, as total hydrocarbon response, against known concentrations of heptane-isooctane (55/45). The limit of detection for this method of analysis is one part per million (mg/kg), unless indicated.

The results are displayed in the table below.

<u>ERG #</u>	<u>CLIENT ID#</u>	<u>CONCENTRATION (mg/kg)</u>
7535-1	1	8
7535-2	1A	16
7535-3	2	3.1
7535-4	3	210
7535-5	4	ND (1)
7535-6	5	ND (5)
7535-7	6	5.7

ND = None Detected. The limits of detection are in ().

Submitted by:

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RBF:clp
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