

## KAPREALIAN ENGINEERING, INC.

Consulting Engineers 535 Main Street Martinez, Ca. 94553 (415) 372-5444

> KEI-J87-055SD May 22, 1987

Mobil Oil Corporation P. O. Box 127 Richmond, CA 94807

Attention: Mr. J. Battista

Re: Stockpiled Soil Sampling

Mobil Service Station
High St. and Porter
Oakland, California

Dear Mr. Battista:

This letter report summarizes the results of the stockpiled soil sampling and laboratory analyses for the referenced site.

On May 18, 1987 the stockpiled soil at the referenced site was sampled for proper disposal. One (1) composite soil sample (designated as Comp A) was taken from approximately 2 cubic yards of soil. The composite sample consisted of two (2) individual grab samples taken at 0.5 to 1.0 foot in depth, at two locations within the stockpile. The grab samples were composited as one sample. The soil samples were collected in a 2-inch by 4-inch, clean brass tube which was then sealed with aluminum foil and plastic caps and placed in an ice chest for subsequent delivery to Sequoia Analytical Laboratory in Redwood City for analysis.

The sample was analyzed for total hydrocarbon (THC), and benzene, toluene and xylene (BTX) concentrations. The results of the soil analyses showed concentrations of THC of 1.4 parts per million (ppm), and non-detectable levels of BTX. These results are considered to be non-hazardous per California Water Quality Control Board guidelines. The soil may be disposed of at any Class III site. Copies of the laboratory results and the chain of custody form are attached to this report.

KEI-J87-055SD May 22, 1987 Page 2

Should you have any questions on this report, please do not hesitate to contact me at (415) 372-5444.

Sincerely,

Kaprealian Engineering, Inc.

Morlo Kyrio

Mardo Kaprealian

License #C29326 Exp. date 3/31/91

Attachment: Laboratory Results

Chain of Custody

cc: J. Keith



Kaprealian Engineering, Inc.
535 Main Street, Suite 309

Martinez, CA 94553

Attn: Mardo Kaprealian, P.E.

President

Sample Number

7051133

Date Sampled: 05-18-87

Date Received: 05-19-87 Date Reported: 05-21-87

Sample Description

Soil Composite A - Mobil at High & Porter in Oakland, CA

## ANALYSIS

	Detection Limit ppm	Sample Results ppm
Total Hydrocarbons as Gasoline	1	1.4
Benzene	0.1	< 0.1
Toluene	0.1	< 0.1
Xylenes	0.1	< 0.1

NOTE: Analysis was performed using EPA methods 5020 and 8015 with method 8020 used for BTX distinction.

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton — Laboratory Director

\_\_\_\_\_

## KAPREALIAN ENGINEERING, INC.

CHAIN OF CUSTODY

	bàh s	5/18/37 Oakla Porter	nd	
omp-A THC, BTX		RAB OR OMP.	NUMBER OF CONTAINERS	SOIL/ WATER S
ELINQUISHED BY* TIME/I	DATE 200	RECEIVED		IME/DATE 18 cold
· the winder of	18/87 S	Til	(KĒI)	5.18.87
Muly KEI) 3/5	2/37 C	The Comme	. LEI	5-19

NAME MOBT. 01-0794	
ADDRESS 3315 HIGH ST	
CITY/COUNTY OAKLAND / ALAMEDA	
EXAMPLE CASE FOR: TOOK SUBSURFACE THUESTERATEON!	
No FOLIOW UP SAMOLTAX / WITH PLACES	YES NO
-Contaminated soil was handled appropriately -Tank closure in place was performed properly -Inventory records were reviewed for the last three operating months -Contaminated soil was addressed	
-Site characterization has been timely -Monitoring wells were installed -They have defined the extent of the PP plume -They defined the extent of the DP plume -They have defined the extent of contaminated soil -Cleanup has begun -Reports have been submitted to the RWQCB at proper intervals	
-Proper permits have been obtained	
2) TECHNICAL CONCERNS  -Were soil samples taken appropriately -Were water samples taken appropriately -Samples were taken at proper locations -Sampling occurred at proper frequency -The appropriate number of samples were taken	
-All samples used:    -Certified lab    -Chain of Custody    -Site plan    -Appropriate analyses	
-Appropriate handling procedures -Wells were constructed properly	
-Signatures were appropriate for the log\report -Soil samples (every 5') were taken -Screening was appropriate -Site plan included	
-FP measurement verification was provided	

3) HYDROGEOLOGIC ASSESSMENT  -Soil borings/geological cross sections were constructed -A well survey was performed for a 1/4 mile radius -Water table maps were constructed -Gradient maps were constructed -Local flow patterns were determined -Beneficial uses were identified -Surface impacts were evaluated (if needed) -Other potential pathways -such as man made conduits were evaluated.	YES	M
4) DEFINITION AND CLEANUP  -Definition of DP and FP has been done appropriately -Off-site contamination has been addressed -Remediation plans for contaminated soil have been developed -Aeration permits were obtained -Runoff control plans were developed (where necessary) -NPDES permits were obtained prior to any discharge -POTW discharge permits were obtained -No further action is being taken		
-Used qualified consultants -Work was performed/reports submitted in a timely manner -Reports contained needed information -Monitoring program has been developed (when appropriate) -Case pending RWQCB sign-off -Date of last report		
COMMENTS:  3 Mils SHOW ND  (SHEED ON WATER SURFACE DRITTIC TANK RE  1 WELL DEAR TANKS	· M 6V 4	<b>1,</b> )

No Scale

\* Soite SAMRE WAS A COMPOSETY OF 3

AROUND TANK PET (2" ABOUT WATER CHEVER TO PET)