

CHIPS Environmental Consultants

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1285 Edmundson Ave
Morgan Hill, Ca 95037

01-23-87

JFM13-64081241828.KAY 212

KAYO OIL Enterprises
P.O BOX 190
LODI, CA 95241

Overexcavation samples

Attention: Paul Taylor

Subject: ~~Field sampling and analysis of Kayo Oil's FAST GAS~~
~~station, 1088 Marina Blvd., San Leandro, CA on 1/22/87.~~

Enclosed are the results for the analysis of soil samples taken from beneath excavated and removed gasoline storage tanks at the Kayo Oil's FAST GAS station, 1088 Marina Boulevard, San Leandro, CA on 1/22/87. The first soil samples were taken on 1/31/87 and after the results of the analysis were known it was decided to excavate further soil and take additional samples. The results of the second set of samples are enclosed in this report. *GW = 16.5' BG* These samples were taken at a depth of 19.5 - 20 feet below grade. The samples were taken in the four corners of the excavation hole. The first trace of ground water was noticed at approximately 16.5 feet below grade.

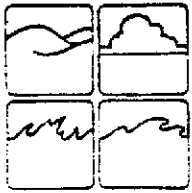
Sampling was performed in accordance with approved methodology. The samples were obtained in appropriate containers which were sealed, chilled and transported to the laboratory for same day analysis.

Reportage

Submission to the Regional Water Quality Control Board and the San Leandro Fire Department should include copies of this report. The property owner should attach a cover letter and submit all documents together in a package.

The following addresses have been listed for your convenience:

Water Quality Control Board
San Francisco Bay Region
1111 Jackson Street
Room 6040
Oakland, CA 94607
Attention: Tom Callahan



**CHIPS
Environmental
Consultants**

1285 Edmundson Ave
Morgan Hill, Ca 95037

(408) 241-1828

01-23-87

JFM13-B:MARINA2.KAY

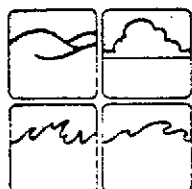
212

San Leandro Fire Department
901 E. 14th Street
San Leandro, CA 94577
ATTN: Fire Inspector Joe Ferreira

If you have any questions please do not hesitate to contact
us.

Sincerely,

Michael L. Murtiff



CHIPS Environmental Consultants

1285 Edmundson Ave
Morgan Hill, Ca 95037

(408) 241-1828

01-23-87 JFM13-B:MARINA2.KAY

212

Client: KAYO OIL

Project No: FAST GAS STATION, 1088 MARINA BLVD

SAN LEANDRO, CA

Comments: SOIL SAMPLES FOR GASOLINE AND BTX

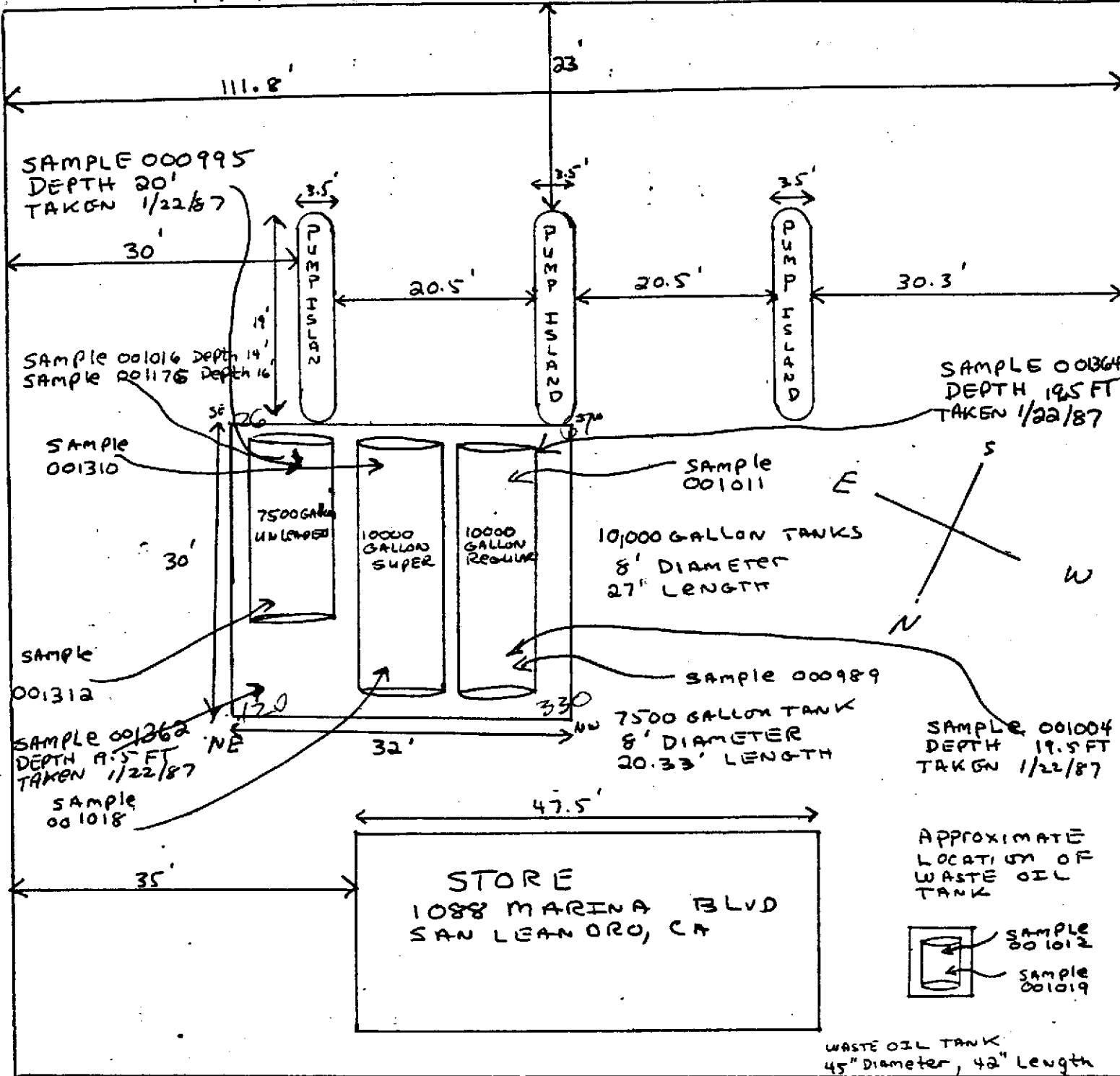
SAMPLED ON 1/21/87

ANALYSIS: FOR GASOLINE AND BTX

Sample #		Result
001362	Soil sample, Northwest Southwest corner of excavation hole, Depth 19.5 feet below grade.	120 +/- 12 PPM (wt/wt). Gasoline in soil 5.7 +/- 0.6 PPM Benzene 1.9 +/- 0.2 PPM Toluene 4.9 +/- 0.5 PPM Xylenes
000995	Soil sample, Southwest Southeast corner of excavation hole, Depth 20 feet below grade.	26 +/- 3 PPM (wt/wt) Gasoline in soil 1.1 +/- 0.1 PPM Benzene 0.4 +/- 0.04 PPM Toluene 1.5 +/- 0.2 PPM Xylenes
001004	Soil sample, Southwest Northwest corner of excavation hole, Depth 19.5 feet below grade.	330 +/- 35 PPM (wt/wt) Gasoline in soil 15 +/- 2 PPM Benzene 5.5 +/- 0.6 PPM Toluene 15 +/- 2 PPM Xylenes
001364	Soil sample, Southwest Southwest corner of excavation hole, Depth 19.5 feet below grade.	67 +/- 7 PPM (wt/wt) Gasoline in soil 3.2 +/- 0.4 PPM Benzene 1.0 +/- 0.1 PPM Toluene 4.7 +/- 0.5 PPM Xylenes

Protocol: For soils: EPA Methods 5020 and 8015
(Test Methods for Evaluating Solid Wastes, SW-846, April 1984), followed by Gas Chromatographic analysis employing a flame ionization detector. Standards run as spikes and recoveries.

MARINA BOULEVARD



FAST GAS
 1088 MARINA BLVD
 SAN LEANDRO, CA
 1/21/87

CHIPS ENVIRONMENTAL CONSULTANTS
 1285 Edmundson Avenue (408) 241-1828
 MORGAN HILL CALIFORNIA 95037

NOT TO SCALE



CHIPS Environmental Consultants

SAMPLE HANDLING/LOG-IN

Kayo oi / 1088
Fast Gas Moulton Blvd
San Leandro 94557

Date 1-22-87

Test Location

San Leandro 94557

	Sample Type	Volume	Comments
1.	001362 HS 1	2	soil for gas / DTX 19.5'
2.	000995 HS 2	2	11 20'
3.	001004 HS 3	2	11 19.5'
4.	001364 HS CC	2	11 19.5'
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			

CHAIN OF CUSTODY

Field → Lab [Signature] 1-22-87
1715

Lab → Analysis [Signature] 1-22-87
1930