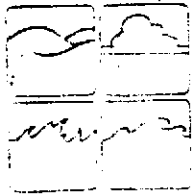


RECEIVED

JAN 23 1987

1285 Edmundson Ave
Morgan Hill, Ca 95037

(408) 241-1828



CHIPS Environmental Consultants

01-22-87

JFM13-B:MARINA.KAT

210

*Initial samples
collected at time
of UST closures*

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

Attention: Paul Taylor

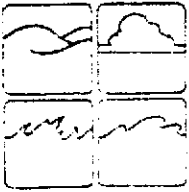
Subject: ~~Field sampling and analysis at Kayo Oil's EAST 5000
Station, 1034 Marina Blvd, San Leandro, CA 94680~~

Enclosed are the results for the analysis of soil samples taken from beneath excavated and removed gasoline storage tanks and one waste oil tank as well as composite soil samples of the excavated piles of soil. A map giving the location of the tanks and the samples taken is enclosed. A brief description of our observations during sampling is as follows.

The first tank removed was a waste oil tank. The tank was removed prior to our arrival at the site and soil from beneath the two ends of the tank was set aside and covered with plastic sheeting. Soil samples were taken from these two piles. The location of the tank on the enclosed map is only approximate as the area was being used to store excavated soil from the excavation of the 3 large gasoline tanks. The waste oil tank was examined and found to have a large gash in it. This was related to us as having occurred during the removal of the tank from the ground and the gash appeared to be a fresh gash. The tank was 45 inches in diameter and 42 inches long. The tank appeared to be in good condition except for the fresh gash. Samples # 001012 (South end) and Samples #001019 (North end) were obtained from the excavated earth that had been set aside.

The second tank removed was a 10,000 gallon steel Super gasoline storage tank with the dimensions of 3 feet in diameter and 27 feet in length. The tank appeared to be in good condition with only mild corrosion on the bottom of the tank. There were no obvious holes in the tank. The bottom of the tank resided at a depth of 12 feet below grade and the following soil samples were obtained: Sample #001310, South end near pump islands, Depth 14 feet below grade and Sample #001018, North end near Store, Depth 14 feet below grade.

The third tank removed was a 7500 gallon unleaded gasoline storage tank. This was a steel tank with an 8 foot diameter and



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244 inches long. The tank appeared to be in good condition with only mild corrosion at the bottom. There were no obvious holes in this tank. The bottom of the tank resided at a depth of 12 feet below grade and the following soil samples were obtained: Sample # 001016 South end near pump islands, depth 14 feet below grade. Sample # 001176, South end near pump islands, depth 16 feet below grade. Sample # 001312, North end near store, depth 14 feet below grade.

The fourth tank removed was a 10,000 gallon steel Regular gasoline storage tank with the dimensions of 8 feet in diameter and 27 feet in length. The tank appeared to be in good condition with only mild corrosion on the bottom of the tank. A hole was found at the bottom of the tank, on the seam at the end. The hole was approximately 1/4 inch in diameter. It was located at the north end of the tank closest to the store. The bottom of the tank resided at a depth of 12 feet below grade and the following soil samples were obtained: Sample #001011, South end near pump islands, Depth 14 feet below grade and Sample #000989, North end near Store, Depth 14 feet below grade.

Two composite soil samples of the excavated soil pile were also obtained. The samples are numbered Sample #001229 and Sample # 001307. Fire Inspector Robert G. Lundstrom of the City of San Leandro witnessed all the sampling and removal of tanks.

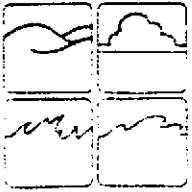
Sampling was performed in accordance with approved methodology. The samples were obtained in appropriate containers which were sealed, chilled and transported to the laboratory for same day analysis.

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



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Morgan Hill, Ca 95037

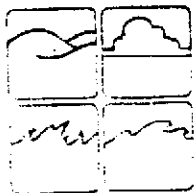
(408) 241-1828

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

01-22-87 JFM13-8:MARINA.KAY

211

Client: KAYO OIL

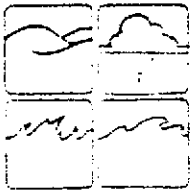
Project No: FAST GAS STATION, 1033 MARINA BLVD

SAN LEANDRO, CA

Comments: SOIL SAMPLES FOR WASTE OIL, GASOLINE
AND BTX, SAMPLED 1/21/87

ANALYSIS: FOR WASTE OIL, GASOLINE, BTX

Sample #	Result
001016	Soil sample, Beneath excavated 7500 Gallon unleaded gasoline tank at a depth of 14 feet below grade. South end. 2000 +/- 200 PPM (wt/wt) in soil 150 +/- 15 PPM Benzene 515 +/- 50 PPM Toluene 330 +/- 35 PPM Xylenes
001176	Soil sample, Beneath excavated 7500 Gallon unleaded gasoline tank at a depth of 16 feet below grade. South end. 1900 +/- 190 PPM (wt/wt) in soil 52 +/- 5 PPM Benzene 240 +/- 25 PPM Toluene 210 +/- 20 PPM Xylenes
001312	Soil sample, Beneath excavated 7500 Gallon unleaded gasoline tank at a depth of 14 feet below grade. South end. 970 +/- 95 PPM (wt/wt) in soil 75 +/- 7 PPM Benzene 290 +/- 25 PPM Toluene 150 +/- 15 PPM Xylenes
001310	Soil sample, Beneath excavated 10000 gallon gasoline tank at depth of 14 feet below grade. South end. 620 +/- 60 PPM (wt/wt) in soil 28 +/- 3 PPM Benzene 155 +/- 15 PPM Toluene 140 +/- 14 PPM Xylenes
001018	Soil sample, Beneath excavated 18000 gallon gasoline tank at depth of 14 feet below grade. North end. 650 +/- 50 PPM (wt/wt) in soil 25 +/- 3 PPM Benzene 160 +/- 15 PPM Toluene 130 +/- 14 PPM Xylenes



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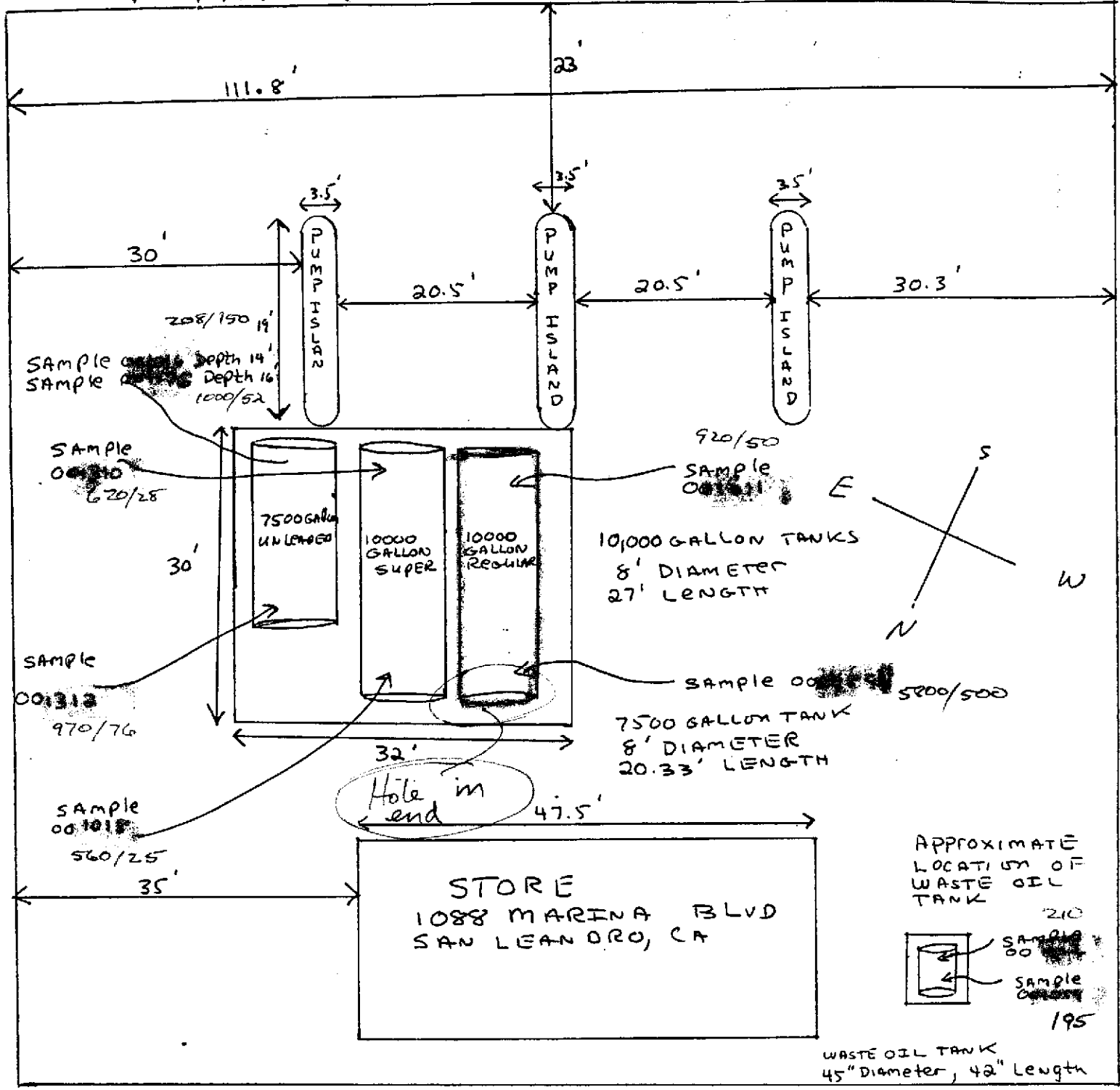
(408) 241-1828

001011	Soil sample, Beneath excavated 10000 gallon gasoline tank at depth of 14 feet below grade.	920 +/- 90 PPM (wt/wt) Gasoline in soil 50 +/- 5 PPM Gasoline 250 +/- 25 PPM Toluene 200 +/- 20 PPM Xylenes
000989	Soil sample, Beneath excavated 10000 gallon gasoline tank at depth of 14 feet below grade; North end.	5800 +/- 500 PPM(wt/wt) Gasoline in soil 500 +/- 50 PPM Gasoline 1200 +/- 110 PPM Toluene 600 +/- 70 PPM Xylenes
001229	Soil sample, Composite from excavated piles.	385 +/- 35 PPM (wt/wt) Gasoline in soil 5 +/- 0.5 PPM Gasoline 20 +/- 6 PPM Toluene 130 +/- 13 PPM Xylenes
001307	Soil sample, Composite from excavated piles.	460 +/- 45 PPM (wt/wt) Gasoline in soil 5 +/- 1 PPM Gasoline 78 +/- 8 PPM Toluene 110 +/- 13 PPM Xylenes
001012	Soil sample, Beneath excavated waste oil tank, 1-2 feet below tank bottom, South end	210 +/- 20 PPM (wt/wt) Waste oil in soil
001019	Soil sample, Beneath excavated waste oil tank, 1-2 feet below tank bottom, North end	185 +/- 20 PPM (wt/wt) Waste oil in soil

Protocol: For soils: EPA Methods 5020 and 3550 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.

Samples kept for 14 days unless other arrangements made.

MARIN BOULEVARD



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

TPH-G / benzene (ppm)
 TOG

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

NOT TO SCALE

CHIPS Environmental Consultants

Kayo - FAST GAS

SAMPLE HANDLING/LOG-IN

Date 1/21/87

Test Location 1088 MARINA BLVD
SAN LEANDRO, CA

	Sample Type	Volume	Comments
1.	001018 MIDDLE TANK N END SUPER TANK DEPTH 14'		
2.	001310 MIDDLE TANK SEND SUPER TANK 14' DEPTH		
3.	001312 EAST WINGED N END TANK 7.5K 14'		
4.	001016 7.5K SEND EAST TANK 14' DEPTH		
5.	001175 EAST TANK SOUTH END UNLOADED, 7.5K 16'		
6.	000989 WEST TANK 10K NORTH REGULAR END 14' DEPTH		
7.	001011 WEST TANK SOUTH END 10K 14' DEPTH		
8.	001229 EXCAVATED COMPOSITE PILE #1		
9.	001307 EXCAVATED COMPOSITE PILE #2		
10.	001019 WASTE N END OTC ~1 FT BELOW TANK BOTTOM		
11.	001012 WASTE SEND OTC TANK DEPTH ~1-2 FT BELOW BOTTOM TANK		
12.			

CHAIN OF CUSTODY

Michael A. Muff	Field	LAB
	1/21/87	1/21/87
	13:30-16:00	17:10
Michael A. Muff	LAB	ANALYSIS
	1/21/87	1/21/87
	17:10	17:30