CITY OF OAKLAND

Transmittal/Memorandum

6/97

TO: Alameda County Department of Environmental Health
ATTN: Barney Chan
FROM: Public Works Agency/Environmental Services Division
DATE: November 18, 1997

SUBJECT: MUNICIPAL SERVICE CENTER - REPORT SUBMITTAL (94407)

As requested, transmitted herewith is one replacement copy of each of the following reports:

- *Underground Storage Tank Closure Report - Municipal Service Center*, August 29, 1997
- *Soil and Groundwater Investigation Report of Oakland Municipal Service Center*, June 1997

Please contact me at 238-7695, if you have any questions or require additional information.

Mark B. Hersh
Environmental Program Specialist

cc: Andrew Clark-Clough

CITY OF OAKLAND

Transmittal/Memorandum

TO: Alameda County Department of Environmental Health
ATTN: Barney Chan
FROM: Public Works Agency/Environmental Services Division
DATE: September 2, 1997

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ENVIRONMENTAL PROTECTION

Underground Storage Tank Closure Report
Municipal Service Center
7101 Edgewater Drive,
Oakland, California

9/29/97

August 29, 1997

Prepared For:

City of Oakland
Public Works Agency/Environmental Services Division
1333 Broadway, Suite 330A
Oakland, California 94612

Prepared By:

MicroSearch Environmental Corporation
318 Harrison Street, Suite 1A
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Underground Storage Tank Closure Report
Municipal Service Center
7101 Edgewater Drive,
Oakland, California

1.0 INTRODUCTION

This report describes underground storage tank (UST) closure activities at three locations within the City of Oakland Municipal Service Center (MSC) located at 7101 Edgewater Drive in Oakland, California. The Site Location Map is shown on Figure 1. Tank removal activities consisted of the removal of the following:

• Site No. 1	north of Building 6 (removed May 21, 1997)	5000-gallon diesel UST 5000-gallon leaded gasoline UST 5000-gallon unleaded gasoline UST
• Site No. 2	southwest of Building 5 (removed May 21, 1997)	12,000-gallon unleaded gasoline UST – thought this was a diesel tank
• Site No. 3	southwest of Building 5 (removed June 23, 1997)	1,000-gallon waste oil UST 500-gallon lubrication oil UST

The USTs were removed by Tank Protect Environmental Services (Tank Protect) of Union City under a contract with the City of Oakland Public Works Agency/Municipal Buildings Division (PWA/MBD). Project oversight was provided by MicroSearch Environmental Corporation (MSE) of Oakland on behalf of the Public Works Agency/Environmental Services Division (PWA/ESD).

2.0 BACKGROUND

2.1 Site Description and History

The MSC area is zoned as light industrial/commercial. The site is bounded by Damon Slough to the north; an undeveloped parcel and Grand Auto distribution facility to the east; the San Leandro Bay to the west; and light industrial/commercial properties to the south. The MSC, located on approximately 17 acres, consists of administration offices including the Public Works Buildings (Buildings 2 and 4), warehouse structures (Building 6) and repair and maintenance facilities (Buildings 3 and 5). Areas not occupied by buildings are paved except for an undeveloped parcel located northeast of Building 4. The City of Oakland leases the MSC property from the Port of Oakland.

2.2 Site Topography

The site is located on an area of artificial fill overlying soft, silty, compressible, Holocene age clay, locally known as Bay Mud. The Bay Mud deposits are underlain by alluvial and

older bay deposits consisting of silty clay to clean sands. Bedrock is estimated to be over 800 feet below the ground surface.

Topographic maps show a gentle southwesterly slope (U.S. Geologic Survey, San Leandro Quadrangle and Oakland East Quadrangle, 7.5 minute series.) The local groundwater gradient and flow direction is generally to the southwest or west, towards the Bay. However, due to the close proximity of the site to the Bay, it is possible that the local groundwater elevation and flow are influenced by tidal action.

2.3 Area Climate

The site is situated in the eastern San Francisco Bay region where the climate is characterized by cool, wet winters and warm, dry summers. Rainfall in the region typically occurs between October and April and averages approximately 16 inches annually.

3.0 SCOPE OF SERVICES

MicroSearch's scope of services for this project included the following:

- Documenting the excavation and removal of the USTs and documenting the conditions of the tanks upon removal;
- Collecting and analyzing tank verification samples in accordance with tank removal guidelines established by the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB);
- Characterizing stockpiled soil for off-site disposal;
- Preparing this report.

Tank Protect was contracted by PWA/MBD to submit a tank closure plan, obtain permits, remove the USTs and associated piping, and restore the excavation. Laboratory analytical services were provided by Chromolab Analytical Laboratory (Chromolab) of Pleasanton, California under contract to MSE.

4.0 TANK REMOVAL ACTIVITIES

4.1 Prefield Activities

Tank Protect obtained tank closure permits and submitted a tank closure plan to Alameda County Department of Environmental Health (ACDEH), the lead oversight regulatory agency. A copy of the *Alameda County Department of Environmental Health Underground Storage Tank Closure Plan* prepared by Tank Protect for the MSC is

included in Appendix A. Both ACDEH and City of Oakland Fire Department (OFD) were notified in advance of the UST removal operations.

4.2 UST Removals

On May 20, 1997, tank removal commenced with the uncovering of three (3) USTs at a site north of Building 6, designated Site No. 1. These USTs were of single-wall welded steel construction. One 5,000-gallon diesel UST, one 5,000-gallon leaded gasoline UST, and one 5,000-gallon unleaded gasoline UST were exhumed from the excavation. Approximately 100 cubic yards of fine sand were excavated and stockpiled on the ground to the north of the excavation. The location of the USTs and the sand stockpile are shown on Figure 2. No residual liquids were present in the USTs, and the lower explosive limit (LEL) meter reading was zero prior to removal. These observations suggest that the interior of the USTs were previously pressure-washed.

Also on May 20, 1997, one (1) 12,000-gallon single-walled fiberglass UST was uncovered in the excavation at a site southwest of Building 5, designated Site No. 2. A strong hydrocarbon odor was noticeable while excavating the soil. Approximately 150 cubic yards of fill material consisting of pea gravel and coarse grained gravel were excavated and stockpiled on visqueen to the west of the excavation. The location of the tank and the soil stockpile are shown on Figure 3. Groundwater was present at about 8 feet below ground surface (bgs). A heavy film of petroleum product was observed floating on top of the groundwater in the excavation, and strong hydrocarbon odor was noticeable.

Both soil stockpiles were covered with visqueen and the excavations were surrounded by caution tape as a safety precaution at the cessation of the day's work.

On May 21, 1997, the four (4) USTs at Site Nos. 1 and 2 were rendered inert with dry ice thereby displacing any volatile hydrocarbon vapors that may have been present with carbon dioxide and also reducing oxygen levels in the USTs to below levels capable of supporting combustion. Mr. Barney Chan, Hazardous Materials Specialist from the ACDEH, and OFD inspector Steve Craford confirmed that the USTs were safe for removal. The USTs were lifted from the excavations with an excavator and observed at the surface for discernible indications of potential leaks.

The three 5,000 gallon single-walled steel tanks at Site No. 1 were found to have corrosion and damages. During excavation, a hole was inadvertently pierced on the top of the 5,000-gallon leaded gasoline tank. There was no leakage because the USTs had previously been purged of all liquids. Groundwater with petroleum product was observed while the three USTs were taken out from the excavation. Approximately 150 cubic yards of contaminated fill material, native clay, and bay mud was over excavated with the backhoe, stockpiled on visqueen to the southwest of the excavation, and covered with visqueen. The soil stockpile was heavily contaminated as evidenced by the strong petroleum hydrocarbon odor emanating from soil stockpile and by the oily water seeping by the soil stockpile.

The 12,000-gallon single-walled fiberglass UST was found to be in good condition, with no noticeable holes, or cracks. Subsequent to the UST removal, a vacuum truck from Clear Water Environment was used to remove approximately 1,500 gallons of floating petroleum product + water in excavation at Site No. 2.

On June 23, 1997, one (1) 1000-gallon waste oil UST and one 500-gallon lubrication oil UST at Site #3 were rendered inert with dry ice and checked for oxygen levels below LEL. With the safety inspection by ACDEH Specialist Barney Chan and OFD inspector Steve Craford, both USTs were successfully removed. The USTs were then inspected for discernible indications of potential leaks. The USTs were found to be in good condition, with no noticeable holes, cracks, or corrosion. Approximately, 20 cubic yards of soil was excavated and placed on visqueen to the south of the excavation at Site No. 3 (Figure 4). No obvious contamination was observed in the soil stockpile.

Copies of the two *Alameda County Department of Environmental Health Hazardous Waste Inspection Form* Dated May 21, 1997 and June 23, 1997 prepared by ACDEH Specialist Barney Chan for MSC tank removal operations are included in Appendix B.

4.3 Tank Transport and Disposal

Following tank removal and inspection, the USTs were loaded on flat bed trucks and transported to Erickson Environmental Services of Richmond, California for disposal. Hazardous waste manifests for the tanks, tank contents and excavated material are included in Appendix C.

5.0 SOIL AND GROUNDWATER SAMPLING

5.1 Soil Sampling

On May 21, 1997, under the direction of ACDEH Specialist Barney Chan, six (6) discrete soil samples were collected from native soil in excavation at Site No. 1 using the backhoe at the soil/water interface approximately 10-foot bgs. These soil samples were designated as S1 through S6, as shown on Figure 2.

Two (2) discrete soil samples were also collected on May 21, 1997 from native soil bgs in the excavation at Site No. 2 using the backhoe at the soil/water interface approximately 8-foot. These soil samples were designated as S7 and S8, as shown on Figure 3.

Soil sample S9 was collected on May 21, 1997 at Site No. 2 from beneath the fuel pipe between the 12,000 gallon UST and the fuel dispenser island by using a hand auger. The sampling location is shown on Figure 3.

On June 23, 1997, three (3) discrete soil samples were collected using the backhoe from the west, south, and east side walls of the excavation at Site No. 3. The soil samples were designated as 010597-1, 010597-2 and 010597-3, as shown on Figure 4.

Two (2) discrete soil samples were collected on June 23, 1997 from west and east ends of the fuel dispenser island at Site No. 2 at about 2.5-foot bgs by using a hand drive sampler. These soil samples were designated as 010497-FW and 010497-FE, as shown on Figure 3.

Soil Samples were collected in 2-inch diameter brass tubes and capped with Teflon and plastic end caps. The samples were labeled with date and sample number, immediately put in a cooled storage container, and transported under chain-of-custody control to the laboratory for chemical analysis.

Samples were collected in accordance with the City of Oakland *Soil Sample Collection Standard Operating Procedures* presented in Appendix D.

5.2 Groundwater Sampling

At the request of ACDEH, a groundwater sample designated W1 was collected from the excavation at Site No. 1 using a Teflon bailer. The sample was decanted from the bailer into two vials and two 1-liter amber glass bottles, labeled, immediately placed in a cooled storage container, and transported under chain-of-custody control to the laboratory for chemical analysis.

At the Site No. 2, a groundwater sample was not collected from the excavation because monitoring well MW-6 is located approximately 30 feet west (downgradient) of the excavation. The ACDEH approved using the data from the most recent groundwater sampling of MW-6 as indicative groundwater quality in this area. These data are included in the MSC groundwater monitoring report dated October 10, 1996 and is discussed below in Section 7.2.4.

5.3 Soil Stockpile Sampling

At Site No. 1, five discrete soil samples designated as SS1, SS2, SS3, SS4, and SS5 were taken from the approximate 100 cubic yards of soil in stockpile No. 1 at the locations shown in Figure 2.

Also at Site No. 1, four (4) four-point composite soil samples designated as SC-S1,-S2,-S3,-S4, SC-E1,-E2,-E3,-E4, SC-W1,-W2,-W3,-W4, and SC-N1,-N2,-N3,-N4 were collected from the approximate 150 cubic yards in stockpile No. 2 at the locations shown in Figure 2. Each composite sample was comprised of four discrete soil samples collected at a frequency of approximately one sample per 10 cubic yards of soil.

At Site No. 2, the soil stockpile No. 3 consisted mostly of pea gravel and small a portion of soil. On May 28, 1997, one (1) four-point composite soil sample designated as SC-3-1,-2, -3,-4 was collected from stockpile No. 3 at the locations shown in Figure 3.

On June 23, 1997, one composite soil sample designated as 010597-SP:-A, -B, -C was collected from the stockpile No. 4 at the locations shown in Figure 4.

5.4 Chemical Analysis

All samples were analyzed for total petroleum hydrocarbons as diesel (TPHd) and total petroleum hydrocarbons as gasoline (TPHg) using EPA Method 8015M, associated constituents benzene, toluene, ethyl benzene, xylenes (BTEX) and methyl tertiary butyl ether (MTBE) using EPA Method 8020, and lead using EPA Method 3050A.

6.0 SOIL STOCKPILE DISPOSAL

Approximately 800 tons of stockpiled soils from all three excavations were transported by Tank Protect to the BFI Vasco Road Class II landfill for disposal on June 13, 1997 and June 23, 1997. Soil Disposal Manifests are presented in Appendix E.

7.0 BACKFILL OF EXCAVATION

The excavations at Sites Nos. 1 and 2 were backfilled with pea gravel to approximately 5 feet bgs. At site No. 2, the excavated pea gravel was used as primary backfill. Sand and gravel aggregate base were placed up to approximately 4 inches bgs, and topped with asphalt. In consideration of the future monitoring and possible extraction of contaminated groundwater at the site, one (1) 10-inch and one (1) 6-inch diameter PVC casings were installed in the excavation at Site No. 1, and two 6-inch diameter PVC casings were installed in the excavation at Site No. 2. All the well casings are slotted from 5 feet bgs to the bottom of the excavation and are blank from 5 feet bgs to the surface. The wells are completed at the surface with traffic-rated weather-tight Christy boxes.

The excavation at Site No. 3 was backfilled with pea gravel and fine sand, and topped with asphalt.

8.0 LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for Site Nos. 1, 2 and 3 are summarized in Tables 1, 2 and 3, respectively. Laboratory analytical reports are included in Appendix F. Tank verification samples were analyzed in accordance with the Regional Water Quality Control Board, San Francisco Bay Region *Recommended Minimum Verification Analyses for Underground Storage Tank Closure*. Laboratory analyses were performed by Chromalab, which is certified by the State of California for the analyses performed using the methods described in Section 5.4.

8.1 Sample Results at Site No. 1

Six soil samples were collected from the native soil at the soil/water interface approximately 10-foot bgs at the excavation at Site No. 1. Five discrete soil samples were collected from stockpile No. 1, and four (4) four-point composite samples were collected from stockpile No. 2. A groundwater sample designated W1 was collected from the excavation.

8.1.1 Tank Verification Sample Results

Sample results from the sidewall of the Site No. 1 excavation showed the presence of varying levels petroleum hydrocarbons. Sample S3 showed the highest concentrations with TPHg at 770 mg/kg, TPHd at 98 mg/kg, and benzene at 3 mg/kg. Minor presence of the gasoline constituents toluene, ethyl benzene and xylenes were also noted. The highest concentration of lead was 92 mg/kg in Sample S2. Sample results are presented in Table 1-1.

8.1.2 Soil Stockpile No. 1 Sample Results

Highest chemical concentrations for soil placed in Stockpile No. 1 were detected in Sample SS4 with 7400 mg/kg TPHg, 3300 mg/kg TPHd, and 12 mg/kg benzene. Associated constituent compounds toluene, xylenes, and ethyl benzene were also highest in this sample. Samples SS1, SS2, and SS3, collected from the southern portion of the stockpile, showed low to non-detectable chemical concentrations reflecting the effort during the excavation to segregate what appeared to be less contaminated soil. Table 1-2 summarizes the results of samples from Stockpile No. 1.

8.1.3 Soil Stockpile No. 2 Sample Results

In general, soil removed from the excavation and placed in Stockpile No. 2 appeared to be less contaminated than in Stockpile No. 1. The maximum concentration of TPHg was 410 mg/kg in Sample SC-N1, -N2, -N3, -N4, and the maximum of TPHd was 590 mg/kg in Sample SC-E1, -E2, -E3, -E4. Benzene was less than 2 mg/kg in all samples. Minor concentrations of the gasoline constituents MTBE, toluene, ethyl benzene, and xylenes were also present. Lead was present at a maximum concentration of 78 mg/kg in Sample SC-E1, -E2, -E3, -E4. Sample results are summarized in Table 1-3.

8.1.4 Groundwater Sample Results

One groundwater sample was collected in the Site No. 1 excavation. This sample contained 15,000 µg/L TPHd, 56,000 µg/L TPHg, 6,9000 µg/L benzene, 1,900 µg/L toluene, 1,400 µg/L ethyl benzene, and 5,800 µg/L xylenes. Lead was detected at 0.13 mg/L. Sample results are summarized in Table 1-4.

8.2 Sample Results at Site No. 2

Two soil samples were collected from the native soil at the soil-water interface approximately 8-foot bgs in the excavation at Site No. 2. In addition, one soil sample was collected beneath the fuel line that connected the 12,000 gallon UST with the fuel dispenser island, and two soil samples were collected from beneath the two ends of the fuel dispenser island.

8.2.1 Tank Verification Sample Results

Analytical results of Samples S7 and S8, collected from the north and south ends of the excavation, respectively, are generally below laboratory reporting limits for all petroleum hydrocarbon constituents with the exception of 0.12 mg/kg toluene and 0.13 mg/kg xylenes in Sample S8. Lead was reported at concentrations of 12 mg/kg and 7.2 mg/kg in Samples S7 and S8, respectively. Sample results are summarized in Table 2-1.

8.2.2 Soil Sample Results for the Fuel Line and Fuel Dispenser Island.

Sample S9 collected beneath the fuel line was found to contain 220 mg/kg TPHd, 0.34 mg/kg toluene, 0.70 mg/kg ethylbenzene, and 0.83 mg/kg xylenes. Dispenser island Sample 010497-FW contained 2.0 mg/kg TPHd, 1800 mg/kg TPHg, 8.9 mg/kg benzene, 2.2 mg/kg toluene, 65 mg/kg xylenes, and 11 mg/kg lead. Dispenser island Sample 010497-FE contained 36 mg/kg TPHd, 0.016 mg/kg MTBE, 0.0094 mg/kg benzene, 0.012 mg/kg toluene, 0.032 mg/kg ethylbenzene, 0.074 mg/kg xylenes, and 17 mg/kg lead. Other method analyses were not detected at laboratory minimum reporting limits (MRLs). Sample results are summarized in Table 2-2.

8.2.3 Soil Stockpile Sample Results

Composite Sample SC-3-1, -2, -3, -4 from stockpile No. 3 was found to contain 740 mg/kg TPHd, 0.45 mg/kg toluene, 0.52 mg/kg xylenes, and 9.0 mg/kg lead. TPHg, MTBE, benzene and ethylbenzene were not detected at laboratory MRLs in the soil stockpile sample. Sample results are summarized in Table 2-3.

8.2.4 Groundwater Results

As mentioned in Section 5.2, no groundwater sample was taken from the excavation at Site No. 2. Because of the proximity of well MW-6 to the excavation, data from a sample collected from MW-6 on August 27, 1996 were used to assess groundwater quality for this area (Baseline Environmental, October 10, 1996). The data indicate that concentrations of petroleum hydrocarbons and associated compounds are low relatively (4.2 mg/kg TPHg, 3.1 mg/kg TPHd, 0.3

— 5/8 mg/l if so, then results are high

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mg/kg benzene, 0.0093 mg/kg toluene, 0.110 mg/kg ethylbenzene, and 0.110 mg/kg xylenes). These data are presented in Appendix F.

8.3 Sample Results at Site No. 3

Three soil samples were collected from the native soil at the west, south and east sidewalls of the excavation (Figure 4). One three-point composite sample was collected from soil stockpile No. 4.

As directed by ACEHD, soil samples 010597-1 and 010597-3 were analyzed for TPHd and motor oil using EPA Method 8015M. Soil samples 010597-2 and composited sample 010597-SP:-A, -B, -C were analyzed for TPHd and TPHg using EPA Method 8015M, BTEX and MTBE using EPA Method 8020, and oil & grease using EPA 5520 E&F. In addition, soil sample 010597-2 was analyzed for semivolatile organics using EPA Method 8270A, and the metals such as cadmium, chromium, lead, nickel, and zinc using EPA Method 3050A/6010A. The composited sample 010597-SP:-A, -B, -C was also analyzed for motor oil.

8.3.1 Tank Verification Sample Results

Soil sample 010597-3 was found to contain 100 mg/kg motor oil, and soil sample 010597-2 was found to contain 38 mg/kg chromium, 12 mg/kg lead, 50 mg/kg nickel and 80 mg/kg zinc. Other method analytes were not detected at laboratory MRLs in the soil samples. Sample results are summarized in Table 3-1.

8.3.2 Soil Stockpile Sample Results

Composite sample 010597-SP: A, B, and C was found to contain 110 mg/kg motor oil. TPHd, TPHg, MTBE, BTEX, and oil & grease were not detected at laboratory MRLs in the soil stockpile sample. Sample results are summarized in Table 3-2.

9.0 SUMMARY

Six USTs were removed from three areas, Site Nos. 1, 2, and 3, of the MSC as follows:

Site No. 1	5,000-gallon diesel 5,000-gallon leaded gasoline 5,000-gallon unleaded gasoline
Site No. 2	12,000-gallon unleaded gasoline
Site No. 3	1,000-gallon waste oil 500-gallon lubrication oil

The USTs at Site No. 1 had noticeable corrosion and, although they were empty and had been unused for several years, they had likely leaked before their use was discontinued. Field observation and chemical analysis of soil and groundwater samples collected from the excavation and stockpiled soil at Site No. 1 showed high concentrations of petroleum hydrocarbons associated with gasoline and diesel fuel are present in the subsurface.

The UST removed at Site No. 2 did not show evidence of corrosion or leakage. Chemical analysis of soil samples from the excavation were generally low to below laboratory MRLs. However, a composite sample from the soil stockpile had a relatively high concentration of TPHd. A substantial amount of petroleum hydrocarbon, believed to be degraded diesel fuel, was observed floating on the groundwater that collected in the excavation. A vacuum truck from Clear Water Environment skimmed approximately 1,500 gallons of the floating product. Additionally, chemical concentrations in the soil samples collected along the fuel line and dispenser island at Site No. 2 indicate that leakage is likely to have occurred in this area.

The USTs at Site No. 3 appeared to be in good condition with no evidence of corrosion or leakage. Based on field observations and the results of chemical analyses there appears to have been no leakage from these USTs.

10.0 CONCLUSIONS AND RECOMMENDATIONS

On the basis of field observations and the results of chemical analyses performed on soil and groundwater samples collected as part of the UST removals described above, it is clear that there are substantial levels of petroleum hydrocarbons present in the soil and groundwater at the MSC site. It appears that the three USTs that were removed at Site No. 1 are one probable source of the contamination. While it appears that the UST removed at Site No. 2 was in good condition and had no evidence of leakage, UST(s) previously removed from near this location may have been another source of subsurface contamination. Another possible source of petroleum hydrocarbons in the northern portion of the MSC near Site No. 1 is the abandoned pressurized fuel distribution system. Investigation and removal of the fuel distribution system is planned for the near future.

The City is currently undertaking a comprehensive program to identify and mitigate any additional sources, evaluate the extent of contaminated soil and groundwater, assess potential affects the contamination may have on the adjacent San Leandro Bay and Damon Slough, and implement an appropriate remedial action.

TABLES

Table 1

Summary of Laboratory Analytical Results, UST Site No. 1
Underground Storage Tank Removal Report
Municipal Service Center, 7101 Edgewater Drive, Oakland, California

Table 1-1: Soil Samples Collected from Excavation

Sample I.D.	Date Sampled	Sample Depth (feet bgs)	Sample Type	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Lead (mg/kg)
S1	5/21/97	10' bgs	soil	6.2	70	<1.0	0.51	3.4	1.8	9.3	8.9
S2	5/21/97	10' bgs	soil	19	3.8	0.13	0.040	0.0092	0.024	0.078	92
S3	5/21/97	10' bgs	soil	98	770	<2.0	2.9	3.0	9.9	42	18
S4	5/21/97	10' bgs	soil	<1.0	<27	<0.50	0.40	<0.11	2.2	1.7	<5.0
S5	5/21/97	10' bgs	soil	<1.0	45	<0.50	3.0	0.13	1.4	0.30	8.1
S6	5/21/97	10' bgs	soil	<1.0	120	<1.0	3.0	<0.24	1.3	2.0	6.5

Table 1-2: Discrete Soil Samples Collected from Soil Stockpile No. 1

Sample I.D.	Date Sampled	Sample Depth (feet bgs)	Sample Type	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Lead (mg/kg)
SS1	5/21/97	NA	soil	110	<29	<0.50	<0.12	<0.12	0.17	3.3	6.9
SS2	5/21/97	NA	soil	77	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<5.0
SS3	5/21/97	NA	soil	3.5	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<5.0
SS4	5/21/97	NA	soil	3300	7400	<20	12	210	110	690	6.3
SS5	5/21/97	NA	soil	170	1600	<2.5	1.1	8.8	14	92	<5.0

Table 1 (Continued)

Summary of Laboratory Analytical Results, UST Site No. 1

Table 1-3: Four-Point Composite Samples Collected from Soil Stockpile No. 2

Sample I.D.	Date Sampled	Sample Depth (feet bgs)	Sample Type	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Lead (mg/kg)
SC-S1,2,3,4	5/22/97	NA	4-point Composited	340	300	<1.0	0.26	2.0	3.4	22	51
SC-W1,2,3,4	5/22/97	NA	4-point Composited	250	400	<1.0	0.75	4.6	5.3	33	15
SC-N1,2,3,4	5/22/97	NA	4-point Composited	260	410	4.3	1.6	5.3	6.0	33	18
SC-E1,2,3,4	5/22/97	NA	4-point Composited	590	160	<1.0	0.32	1.7	2.2	14	78

Table 1-4: Groundwater Samples Collected from Excavation

Sample I.D.	Date Sampled	Sample Depth (feet bgs)	Sample Type	TPHd (µg/L)	TPHg (µg/L)	MTBE (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	Lead (mg/L)
W1	5/21/97	NA	water	15,000	56,000	<1000	6,900	1,900	1,400	5,800	0.13

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or 8240

Table 2

Summary of Laboratory Analytical Results, UST Site No. 2
Underground Storage Tank Removal Report
Municipal Service Center, 7101 Edgewater Drive, Oakland, California

Table 2-1: Soil Samples Collected from Excavation

Sample I.D.	Date Sampled	Sample Depth (feet bgs)	Sample Type	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Lead (mg/kg)
S7	5/21/97	8' bgs	soil	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	12
S8	5/21/97	8' bgs	soil	<1.0	<26	<0.50	<0.10	0.12	<0.10	0.13	7.2

Table 2-2: Soil Samples Collected Beneath the Fuel Line and Pump Island

Sample I.D.	Date Sampled	Sample Depth (feet bgs)	Sample Type	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Lead (mg/kg)
S9	5/22/97	3' bgs	soil	220	<31	<0.50	<0.12	0.34	0.70	0.83	<5.0
010497-FW	6/23/97	2-2.5' bgs	soil	2.0	1800	<5.0	8.9	2.2	<1.1	65	11
010497-FE	6/23/97	2.5-3' bgs	soil	36	<1.0	0.016	0.0094	0.012	0.032	0.074	17

Table 2 (Continued)

Summary of Laboratory Analytical Results, UST Site No. 2

Table 2-3: Four-Point Composite Samples Collected from Soil Stockpile No. 3

Sample I.D.	Date Sampled	Sample Depth (feet bgs)	Sample Type	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Lead (mg/kg)
SC-3-1,2,3,4	5/22/97	NA	4-point Composited	740	<100	<2.0	<0.40	0.45	<0.40	0.52	9.0

Table 3

Summary of Laboratory Analytical Results, UST Site No. 3
Underground Storage Tank Removal Report
Municipal Service Center, 7101 Edgewater Drive, Oakland, California

Southwest of Building 5

Table 3-1: Soil Samples Collected from Excavation

Sample I.D.	Date Sampled	Sample Depth (feet bgs)	Sample Type	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Motor Oil (mg/kg)
010597-1	6/23/97	5' bgs	soil	<1.0	NA	NA	NA	NA	NA	NA	<50
010597-2	6/23/97	4' bgs	soil	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA
010597-3	6/23/97	7' bgs	soil	<2.0	NA	NA	NA	NA	NA	NA	100

Continued

Sample I.D.	Oil & Grease	Semivolatile Organics Method 8270A	Cadmium	Chromium	Lead	Nickel	Zinc
010597-2	<83	N.D.	<0.50	38	12	50	80

Table 3-2: Three-Point Composite Samples Collected from Soil Stockpile No. 4 (ok to reuse).

Sample I.D.	Date Sampled	Sample Depth (feet bgs)	Sample Type	TPHd (mg/kg)	TPHg (mg/kg)	MTBE (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Oil & Grease (mg/kg)	Motor Oil (mg/kg)
010597-SP:ABC	6/23/97	NA	4-point Composited	<1.0	<1.0	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<50	110

FIGURES

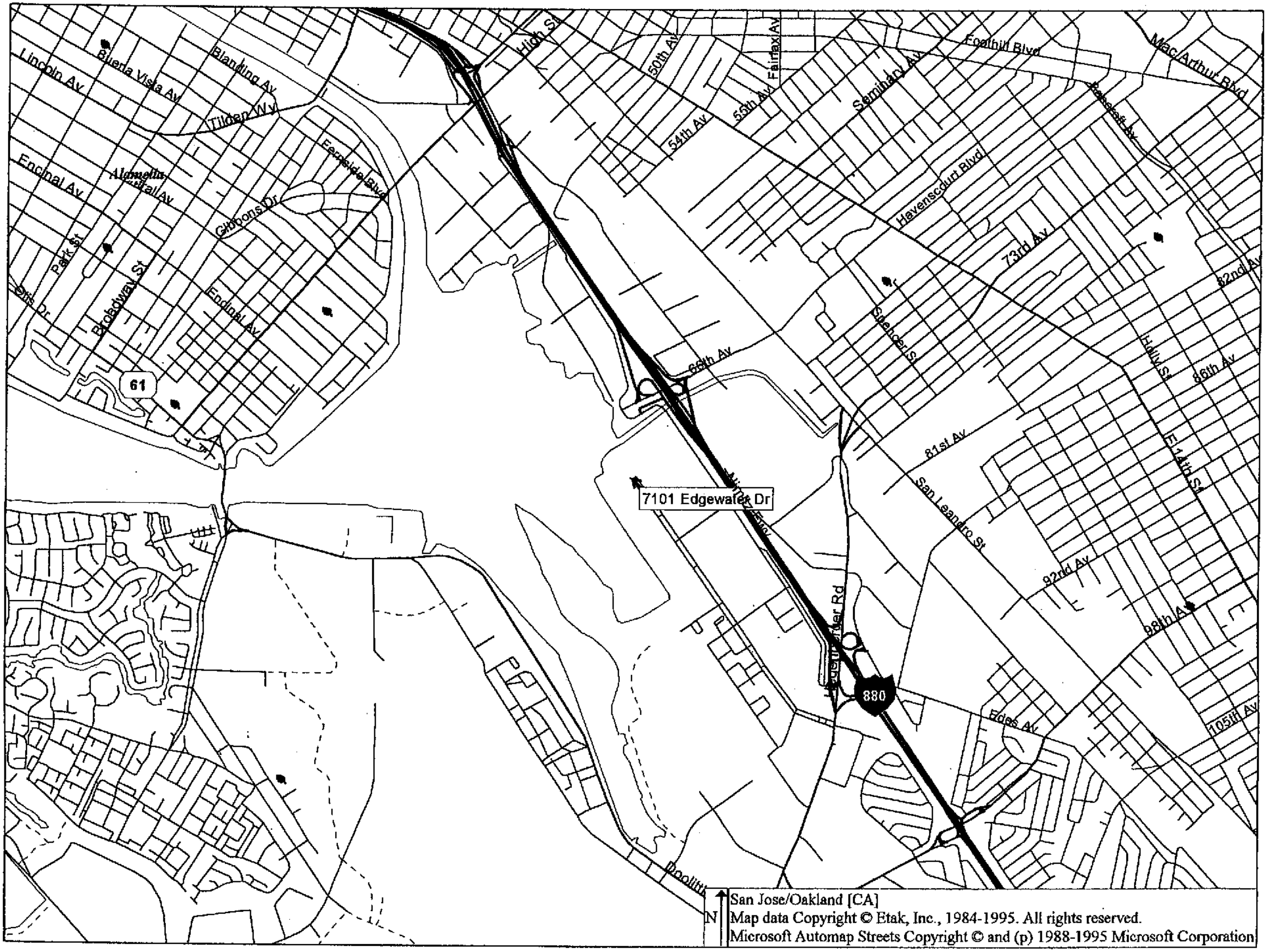
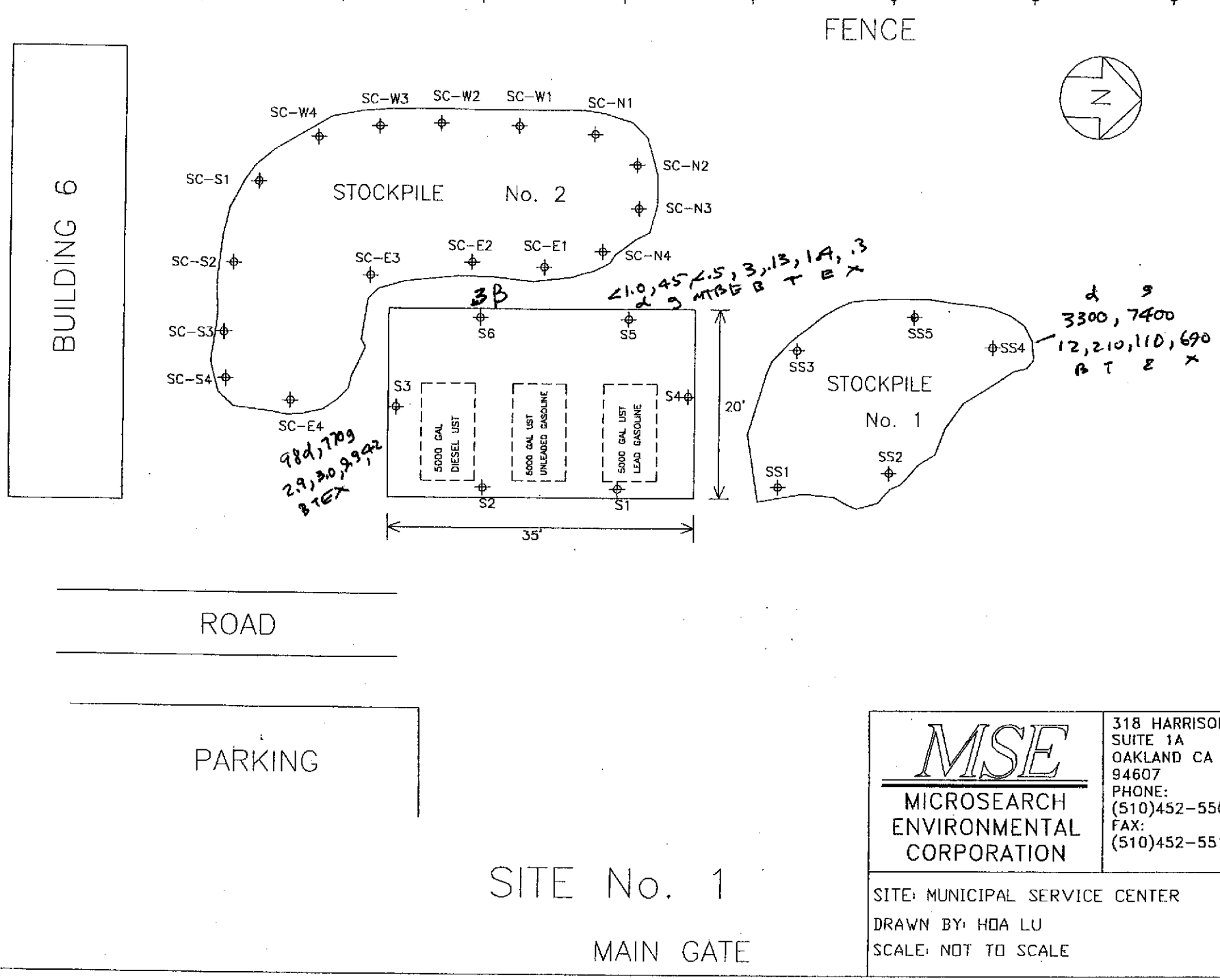

Lincoln Av
Buena Vista Av
Blanding Av
Tilden Wy
Encinal Av
Alameda
Central Av
Fernside Blvd
Gibbons Dr
Park St
Broadway St
Otis Dr
Encinal Av
61
High St
50th Av
Fairfax Av
55th Av
54th Av
Foothill Blvd
Seminary Av
MacArthur Blvd
Havenscourt Blvd
73rd Av
82nd Av
66th Av
Spencer St
Hally St
86th Av
81st Av
San Leandro St
E 14th St
7101 Edgewater Dr
92nd Av
98th Av
Hegenberger Rd
880
Edes Av
105th Av
Doolittle
N
San Jose/Oakland [CA]
Map data Copyright © Etak, Inc., 1984-1995. All rights reserved.
Microsoft Automap Streets Copyright © and (p) 1988-1995 Microsoft Corporation

Figure 1

Figure 2

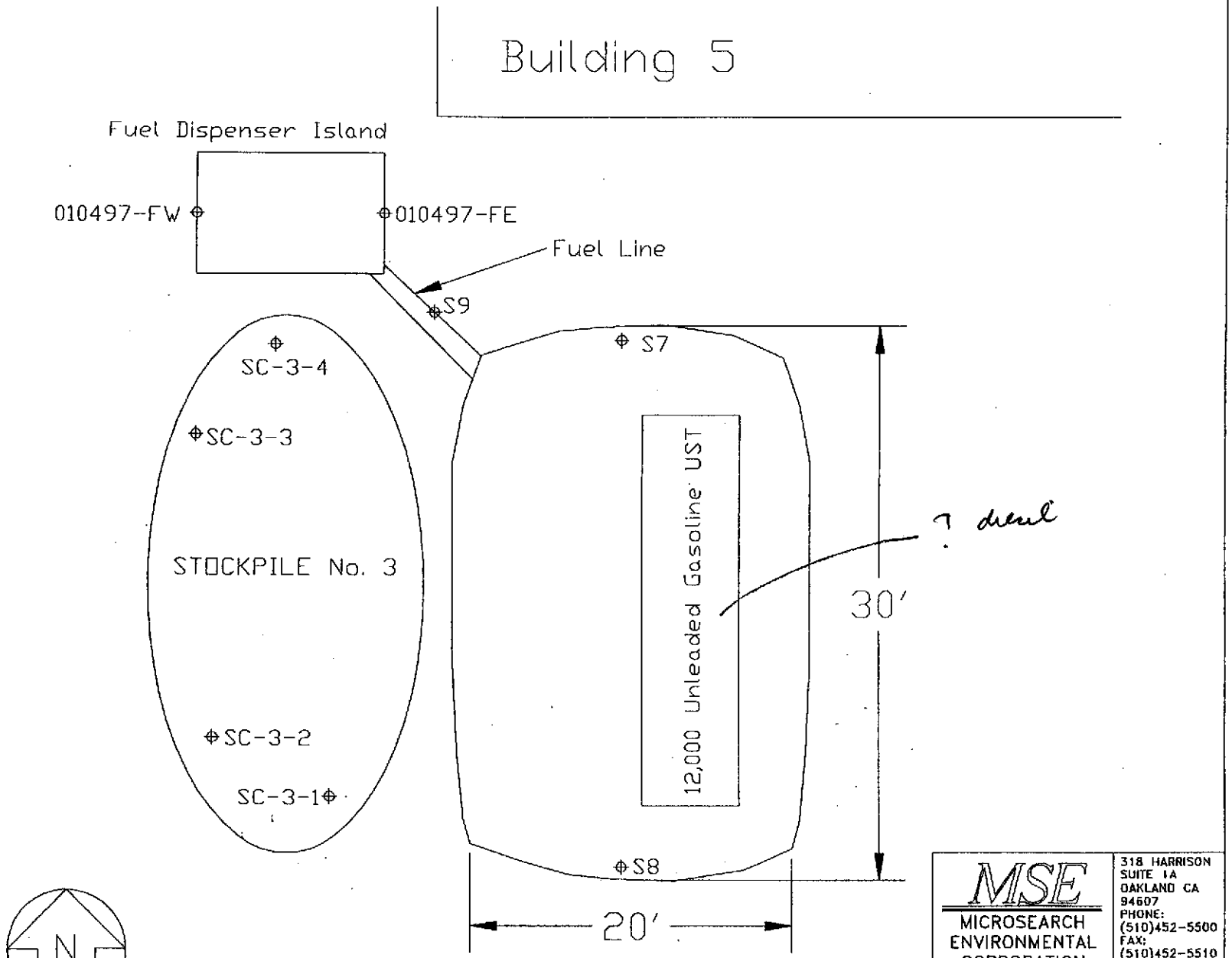


MSE
MICROSEARCH ENVIRONMENTAL CORPORATION

318 HARRISON
SUITE 1A
OAKLAND CA
94607
PHONE:
(510)452-5500
FAX:
(510)452-5510

SITE: MUNICIPAL SERVICE CENTER
DRAWN BY: HOA LU
SCALE: NOT TO SCALE

Figure 3



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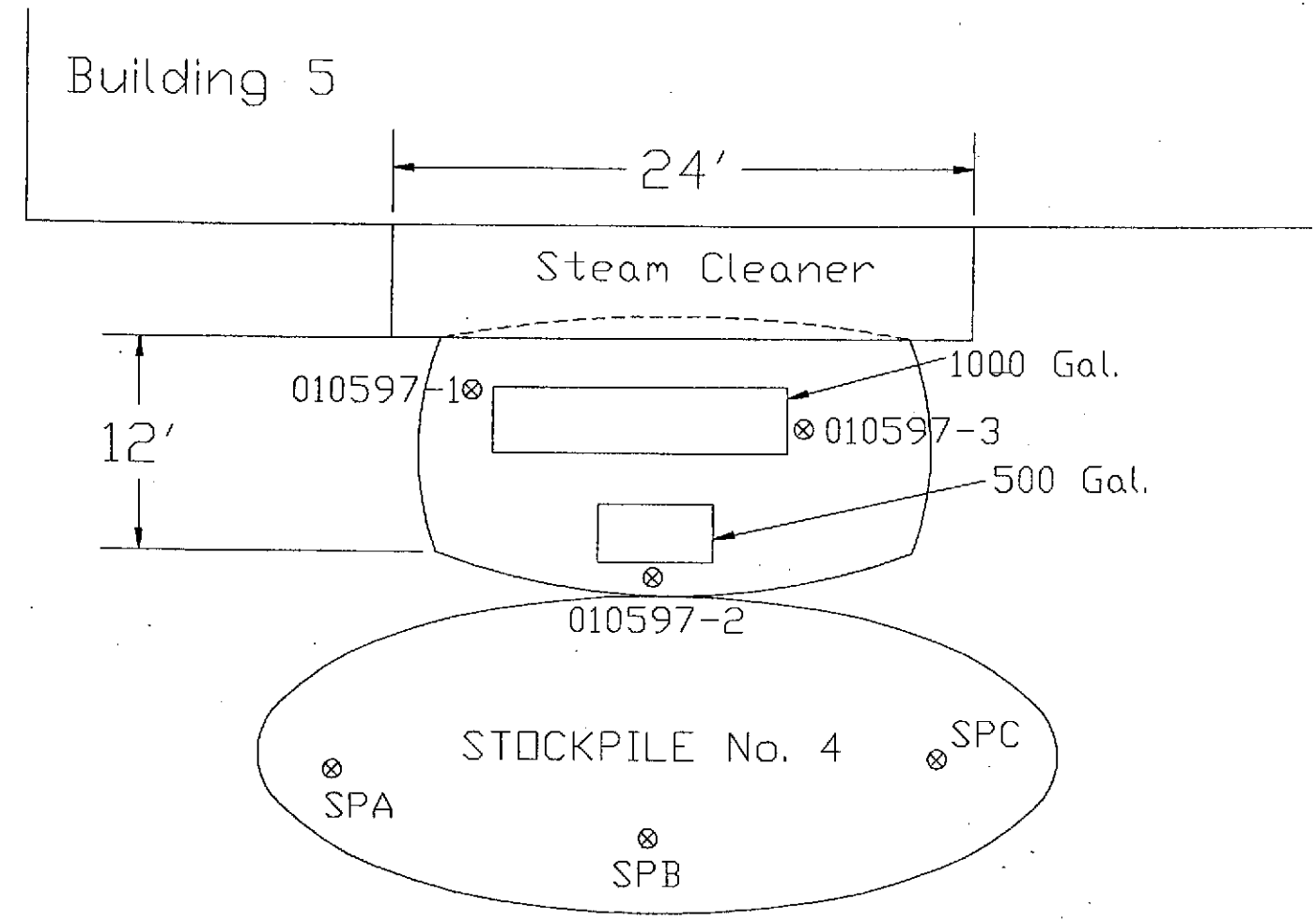
SCALE: NOT TO SCALE



SITE No. 3

Figure 4

MSE
MICROSEARCH ENVIRONMENTAL CORPORATION
318 HARRISON
SUITE 1A
OAKLAND CA
94607
PHONE:
(510)452-5500
FAX:
(510)452-5510

SITE: MUNICIPAL SERVICE CENTER
DRAWN BY: HOA LU
SCALE: NOT TO SCALE

APPENDICES

APPENDIX A

Alameda County Department of Environmental Health

Underground Storage Tank Closure Plan

Barney Chan
Project Specialist
4/24/97 Bln
Note other Agreement in RSD

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
ENVIRONMENTAL PROTECTION DIVISION
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE # 510/567-6700
FAX # 510/337-9335

ACCEPTED
Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/destruction.

One copy of the accepted plans must be on the job and available to all contractors and craftsman involved with the removal.

Any changes or alterations of these plans and specifications must be submitted to this this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws.

Notify this Department at least 72 hours prior to the following required inspections:

_____ Removal of Tank(s) and Piping
_____ Sampling
_____ Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS:

Contact Specialist

UNDERGROUND TANK CLOSURE PLAN
*** * * Complete according to attached instructions * * ***

1. Name of Business City of Oakland Municipal Service Center
   Business Owner or Contact Person (PRINT) Jeffrey S Krahn
2. Site Address 7101 Edgewater Drive
   City Oakland Zip 94621 Phone (510)615-5515
3. Mailing Address 7101 Edgewater Drive
   City Oakland Zip 94621 Phone (510)615-5515
4. Property Owner City of Oakland
   Business Name (if applicable) _____
   Address 7101 Edgewater Drive
   City, State Oakland CA Zip 94621
5. Generator name under which tank will be manifested
   City of Oakland
   EPA ID# under which tank will be manifested CAD981424609

3978

6. Contractor Tank Protect Engineering of Northern California, Inc

Address 2821 W Winton Road

City Union City CA 94587 Phone (510) 429-8088

License Type* Haz A 575837 ID# _____

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

7. Consultant (if applicable) Same as contactor.

Address _____

City, State _____ Phone _____

8. Main Contact Person for Investigation (if applicable)

Name Jeffrey S. Kuhn Title _____

Company City of Oakland

Phone (510) 615-5515

9. Number of underground tanks being closed with this plan 9

Length of piping being removed under this plan ? 0

Total number of underground tanks at this facility (**confirmed with owner or operator) ? 14

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground storage tanks must be handled as hazardous waste **

a) Product/Residual Sludge/Rinsate Transporter

Name Owner's responsibility EPA I.D. No. _____
(Tanks will be emptied prior to removal day)
Hauler License No. _____ License Exp. Date _____

Address _____

City _____ State _____ Zip _____

b) Product/Residual Sludge/Rinsate Disposal Site

Name N/A EPA ID# _____

Address _____

City _____ State _____ Zip _____

c) Tank and Piping Transporter

Name Erickson Inc EPA I.D. No. CAD009466392

Hauler License No. 0019 License Exp. Date

Address 255 Parr Blvd

City Richmond State CA Zip 94801

d) Tank and Piping Disposal Site

Name Erickson Inc EPA I.D. No. CAD009466392

Address 255 Parr Blvd

City Richmond State CA Zip 94801

11. Sample Collector

Name Louis Travis III

Company Tank Protect Engineering of Northern California Inc

Address 2821 Whipple Road

City Union City State CA Zip 94587 Phone (510) 429-8088

12. Laboratory

Name Acurity Environmental Labs

Address 1767 Dorset Court

City Milpitas State CA Zip 95035

State Certification No. 1708

13. Have tanks or pipes leaked in the past? Yes[✓] No[ ] Unknown[ ] N/A

If yes, describe.

14. Describe methods to be used for rendering tank(s) inert:

Use 25 lbs of dry ice per each 1,000 gallon capacity for each tank. Verify with onsite LEL meter.

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information *** (see instructions) ***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
5,000	Diesel	Soil	One sample at each end of tank, may of 2ft below the pit into native soil
5,000	Gasoline leaded	Soil	
5,000	Gasoline UL	Soil	
8,000	Unknown	Soil	
12,000	Gasoline	Soil	
1,000	Lube Oil	Soil	
500	Waste Oil	Soil	
1,000	Lube Oil	Soil	
500	Waste Oil	Soil	
	Piping	Soil	One sample every 20 linear feet of under dispenser.
* If groundwater is present in the excavation sample will be collected from sidewall at soil/water interface			

One soil sample must be collected for every 20 linear feet of piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (estimated) 20 Cubic Yards	**Sampling Plan** One composite sample consisting of at least 4 discrete samples for every 50 cubic yards minimum or one sample for every 20 cubic yards maximum

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal? [ ] yes [X] no [ ] unknown

If yes, explain reasoning _____

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the Specialist IN ADVANCE of backfilling operations.

16. Chemical methods and associated detection limits to be used for analyzing samples:
The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed.
See attached Table 2.

17. Submit Site Health and Safety Plan (See Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number		EPA or Other Analysis Method Number	Method Detection Limit
Diesel	GCFID	3550	DHS	1 ppm
TPHD	BTEX	8020	EPA	.005 ppm
	Total or Organic Lead			
Gasoline	GCFID	5030	DHS	1 ppm
TPHG	BTEX	8020	EPA	.005 ppm
waste oil	GCFID	5030	DHS	1 ppm
	GCFID	3550	EPA	1 ppm
	O+G	5520 O+E	DHS	50 ppm
	BTEX	8240	EPA	.005 ppm
	CLHC	8240	EPA	
	If any detected include AA for Cd, Cr, Pb, Zn,		required	
	8270 for PCB, PCP, PNA, Creosote		EPA	
Lube oil		8020		.005 ppm
TPH as motor oil	BTEX	~~8240~~	EPA	
	TPH as motor oil			
If groundwater encountered:				
TPHG	GCFID	5030	DHS	1 ppm
TPHD	GCFID	3550	DHS	1 ppm
BTEX	8020		EPA	.005 ppm

rev 4/6/95
+ any other analyte required above

18. Submit Worker's Compensation Certificate copy

Name of Insurer State compensation Insurance Fund

19. Submit Plot Plan ***(See Instructions)***

20. Enclose Deposit (See Instructions)

21. **Report any leaks or contamination to this office within 5 days of discovery.**
The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

22. **Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.**

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business Task Protect Engineering of Northern California Inc.

Name of Individual Jafar Farhoomand

Signature Jafar Farhoomand Date 4-16-97

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business City of Oakland.

Name of Individual Jeffrey S. Krohn

Signature Jeffrey S. Krohn Date 4/16/97

ALAMEDA COUNTY ENVIRONMENTAL PROTECTION DIVISION

DECLARATION OF SITE ACCOUNT REFUND RECIPIENT

There may be excess funds remaining in the Site Account at the completion of this project. The PAYOR (person or company that issues the check) will use this form to predesignate another party to receive any funds refunded at the completion of this project. In the absence of this form, the PAYOR will receive the refund.

SITE INFORMATION:

Site ID Number
(if known)

City of Oakland
Name of Site

7101 Edgewater Drive
Street Address

Oakland CA 94587
City, State & Zip Code

I designate the following person or business to receive any refund due at the completion of all deposit/refund projects:

Tank Protect Engineering of Northern California, Inc.
Name

2821 Whipple Road
Street Address

Union City CA 94587-1233
City, State & Zip Code

Sharon Payne
Signature of Payor

April 16, 1997
Date

Sharon Payne
Name of Payor
(PLEASE PRINT CLEARLY)

Tank Protect Engineer
Company Name of Payor

RETURN FORM TO:
County of Alameda, Environmental Protection
1131 Harbor Bay Parkway, Rm 250
Alameda CA 94502-6577
Phone#(510) 567-6700

rev.4/6/95/closure.pln\RW

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A

COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY SITE CLOSURE ☒ 7 PERMANENTLY CLOSED SITE

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME: City of Oakland		NAME OF OPERATOR: Jeffrey S. Krohn	
ADDRESS: 7101 Edgewater Drive		NEAREST CROSS STREET	PARCEL # (OPTIONAL)
CITY NAME: Oakland	STATE: CA	ZIP CODE: 94621	SITE PHONE # WITH AREA CODE: (510) 615-5515

✓ BOX TO INDICATE: ☐ CORPORATION ☐ INDIVIDUAL ☐ PARTNERSHIP ☒ LOCAL AGENCY/DISTRICTS ☐ COUNTY-AGENCY* ☐ STATE-AGENCY* ☐ FEDERAL-AGENCY*

* If owner of UST is a public agency, complete the following: name of supervisor of division, section or office which operates the UST _____

TYPE OF BUSINESS	✓ IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional)
☐ 1 GAS STATION ☐ 2 DISTRIBUTOR ☐ 3 FARM ☐ 4 PROCESSOR ☒ 5 OTHER	☐	9	CAD981424609

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): Krohn, Jeffrey S.	PHONE # WITH AREA CODE: (510) 615-5515	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME: City of Oakland		CARE OF ADDRESS INFORMATION: Jeffrey S. Krohn	
MAILING OR STREET ADDRESS: 7101 Edgewater Drive		✓ box to indicate: ☐ INDIVIDUAL ☒ LOCAL AGENCY ☐ STATE-AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY	
CITY NAME: Oakland	STATE: CA	ZIP CODE: 94621	PHONE # WITH AREA CODE: (510) 615-5515

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER: City of Oakland		CARE OF ADDRESS INFORMATION: Jeffrey S. Krohn	
MAILING OR STREET ADDRESS: 7101 Edgewater Drive		✓ box to indicate: ☐ INDIVIDUAL ☒ LOCAL AGENCY ☐ STATE-AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY	
CITY NAME: Oakland	STATE: CA	ZIP CODE: 94621	PHONE # WITH AREA CODE: (510) 615-5515

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 322-9669 if questions arise.

TY (TK) HQ 44-037622

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) – IDENTIFY THE METHOD(S) USED

✓ box to indicate: ☐ 1 SELF-INSURED ☐ 2 GUARANTEE ☐ 3 INSURANCE ☐ 4 SURETY BOND ☐ 5 LETTER OF CREDIT ☐ 6 EXEMPTION ☐ 7 STATE FUND ☐ 8 STATE FUND & CHIEF FINANCIAL OFFICER LETTER ☐ 9 STATE FUND & CERTIFICATE OF DEPOSIT ☐ 10 LOCAL GOVT. MECHANISM ☐ 99 OTHER _____

VI. LEGAL NOTIFICATION AND BILLING ADDRESS

Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. ☐ II. ☒ III. ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE)	TANK OWNER'S TITLE	DATE: MONTH/DAY/YEAR
Jeffrey S. Krohn Jeff Krohn	Maint. Architect.	4/16/97

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #

LOCATION CODE - OPTIONAL	CENSUS TRACT # - OPTIONAL	SUPERVISOR - DISTRICT CODE - OPTIONAL

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

OWNER MUST FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☒ 3 RENEWAL PERMIT ☒ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: 7101 Edgewater Drive

I. TANK DESCRIPTION
COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.#: UnKnown
B. MANUFACTURED BY: UnKnown
C. DATE INSTALLED (MO/DAY/YEAR): UnKnown
D. TANK CAPACITY IN GALLONS: 5,000

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 85 UNKNOWN
B. ☒ 1 PRODUCT ☐ 2 WASTE
C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☒ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW) ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 MBE
D. IF (A-1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C.A.S. #:

III. TANK CONSTRUCTION
MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 98 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 98 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 98 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 98 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION
CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 4 FLEXIBLE PIPING; A U 99 OTHER
B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 98 UNKNOWN; A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION: A (U) 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 98 UNKNOWN; A U 99 OTHER ___
D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTION ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER ___

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 98 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR)
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 0 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE): Jeffrey S. Krohn Jeffrey S. Krohn — DATE: 4/10/97

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# — COUNTY # | JURISDICTION # | FACILITY # | TANK #

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (6-95)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: 7101 Edgewater Drive

I. TANK DESCRIPTION

COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D. #: UnKnown	B. MANUFACTURED BY: UnKnown
C. DATE INSTALLED (MO/DAY/YEAR): UnKnown	D. TANK CAPACITY IN GALLONS: 5,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 85 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☒ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85 ☐ 98 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. #:

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A (U) 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 4 FLEXIBLE PIPING	A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN	A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A (U) 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE	
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP	
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER	

D. LEAK DETECTION ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOSE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING ___ Ø ___ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE): Jeffrey S. Krohn — Jeffrey S. Krohn — DATE: 4/16/97

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (6-96)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: 7101 Edgewater Drive

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # Un Known	B. MANUFACTURED BY Un Known
C. DATE INSTALLED (MO/DAY/YEAR) Un Known	D. TANK CAPACITY IN GALLONS: 5,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 85 EMPTY ☐ 95 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☒ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW) ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 MTBE

D. IF (A-1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED C. A. S. # :

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ DROP TUBE YES ___ NO ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A (U) 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 4 FLEXIBLE PIPING	A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A U 95 UNKNOWN	A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A (U) 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	☐ 1 MECHANICAL LINE LEAK DETECTOR	☐ 2 LINE TIGHTNESS TESTING	☐ 3 CONTINUOUS INTERSTITIAL MONITORING	☐ 4 ELECTRONIC LINE LEAK DETECTOR	☐ 5 AUTOMATIC PUMP SHUTDOWN	☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOSE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 98 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING 0 GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE) Jeffrey S. Krohn DATE 4/16/97

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (6-89)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: 7101 Edgewater Drive

I. TANK DESCRIPTION
COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.#: Unknown
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR): Unknown
D. TANK CAPACITY IN GALLONS: 12,000

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☒ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☐ 85 UNKNOWN

B. ☒ 1 PRODUCT ☐ 2 WASTE

C. ☒ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85 ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED: C.A.S.#:

III. TANK CONSTRUCTION
MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR): ___ DROP TUBE YES ___ NO ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR): ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION
CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 4 FLEXIBLE PIPING; A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A (U) 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR):
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 0 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE): Jeffrey S. Krohn — Jeffrey S. Krohn — DATE: 4/10/97

LOCAL AGENCY USE ONLY — THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS.

FORM B 10-90

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: 7101 Edgewater Drive

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D. #: Unknown
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR): Unknown
D. TANK CAPACITY IN GALLONS: 1,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☒ 4 OIL ☐ 80 EMPTY ☐ 95 UNKNOWN

B. ☐ 1 PRODUCT ☒ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 MBS ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C.A.S. #:

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 98 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 98 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 98 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 81 NONE ☒ 98 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 4 FLEXIBLE PIPING; A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 98 UNKNOWN; A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A (U) 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 98 UNKNOWN; A U 99 OTHER

D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 98 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR):
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 0 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE): Jeffrey S. Krohn — Jeffrey S. Krohn — DATE: 4/16/97

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# — COUNTY # | JURISDICTION # | FACILITY # | TANK #

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (6-95)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: 7101 Edgewater Drive

I. TANK DESCRIPTION
COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. #: Unknown
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR): Unknown
D. TANK CAPACITY IN GALLONS: 500

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☒ 4 OIL ☐ 80 EMPTY ☐ 99 UNKNOWN

B. ☐ 1 PRODUCT ☒ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW) ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 MBS

D. IF (A-1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED: C. A. S. #:

III. TANK CONSTRUCTION
MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ DROP TUBE YES ___ NO ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION
CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION A U 2 PRESSURE A U 3 GRAVITY A U 4 FLEXIBLE PIPING A U 99 OTHER

B. CONSTRUCTION: A (U) 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH A U 95 UNKNOWN A U 99 OTHER

C. MATERIAL AND CORROSION PROTECTION: A (U) 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A U 95 UNKNOWN A U 99 OTHER

D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTION ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 95 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR):
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 0 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE): DATE:

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#: COUNTY # | JURISDICTION # | FACILITY # | TANK #

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (6-93)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: 7101 Edgewater Drive

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.#: Unknown
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR): Unknown
D. TANK CAPACITY IN GALLONS: 1,000

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☒ 4 OIL ☐ 90 EMPTY ☐ 95 UNKNOWN

B. ☐ 1 PRODUCT ☒ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 MIS ☐ 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C.A.S. #:

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 95 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 95 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 95 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 95 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 4 FLEXIBLE PIPING; A U 99 OTHER
B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 95 UNKNOWN; A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION: A (U) 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER
D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 98 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR):
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 0 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE): DATE:

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# — COUNTY # | JURISDICTION # | FACILITY # | TANK #

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (8-88)

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: 7101 Edgewater Drive

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.#: UnKnown
B. MANUFACTURED BY: UnKnown
C. DATE INSTALLED (MO/DAY/YEAR): UnKnown
D. TANK CAPACITY IN GALLONS: 500

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☒ 4 OIL ☐ 80 EMPTY ☐ 85 UNKNOWN

B. ☐ 1 PRODUCT ☒ 2 WASTE

C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW) ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 LNG

D. IF (A-1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C. A. S. #:

III. TANK CONSTRUCTION

MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☒ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 98 UNKNOWN ☐ 99 OTHER

B. TANK MATERIAL (Primary Tank): ☒ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 98 UNKNOWN ☐ 99 OTHER

C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 98 UNKNOWN ☐ 99 OTHER
1a LINING MATERIAL COMPATIBLE WITH 100% METHANOL ? YES ___ NO ___

D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 98 UNKNOWN ☐ 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___
DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION

CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 4 FLEXIBLE PIPING; A U 99 OTHER
B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 98 UNKNOWN; A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION: A (U) 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 95 UNKNOWN; A U 99 OTHER
D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTOR ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 98 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR):
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: ___ GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL ? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE): DATE:

LOCAL AGENCY USE ONLY

THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.# COUNTY # JURISDICTION # FACILITY # TANK #

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE

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STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD

UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: ☐ 1 NEW PERMIT ☐ 2 INTERIM PERMIT ☐ 3 RENEWAL PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY TANK CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☒ 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: 7101 Edgewater Drive

I. TANK DESCRIPTION
COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D. #: Unknown
B. MANUFACTURED BY: Unknown
C. DATE INSTALLED (MO/DAY/YEAR): Unknown
D. TANK CAPACITY IN GALLONS: 8,000

II. TANK CONTENTS
IF A-1 IS MARKED, COMPLETE ITEM C.

A. ☐ 1 MOTOR VEHICLE FUEL ☐ 2 PETROLEUM ☐ 3 CHEMICAL PRODUCT ☐ 4 OIL ☐ 80 EMPTY ☒ 98 UNKNOWN
B. ☐ 1 PRODUCT ☐ 2 WASTE
C. ☐ 1a REGULAR UNLEADED ☐ 1b PREMIUM UNLEADED ☐ 1c MIDGRADE UNLEADED ☐ 2 LEADED ☐ 3 DIESEL ☐ 4 GASAHOL ☐ 5 JET FUEL ☐ 6 AVIATION GAS ☐ 7 METHANOL ☐ 8 M85 ☐ 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED — C.A.S. #:

III. TANK CONSTRUCTION
MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM: ☐ 1 DOUBLE WALL ☐ 2 SINGLE WALL ☐ 3 SINGLE WALL WITH EXTERIOR LINER ☐ 4 SINGLE WALL IN A VAULT ☐ 5 INTERNAL BLADDER SYSTEM ☐ 98 UNKNOWN ☐ 99 OTHER
B. TANK MATERIAL (Primary Tank): ☒ 1 BARE STEEL ☐ 2 STAINLESS STEEL ☐ 3 FIBERGLASS ☐ 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC ☐ 5 CONCRETE ☐ 6 POLYVINYL CHLORIDE ☐ 7 ALUMINUM ☐ 8 100% METHANOL COMPATIBLE W/FRP ☐ 9 BRONZE ☐ 10 GALVANIZED STEEL ☐ 98 UNKNOWN ☐ 99 OTHER
C. INTERIOR LINING OR COATING: ☐ 1 RUBBER LINED ☐ 2 ALKYD LINING ☐ 3 EPOXY LINING ☐ 4 PHENOLIC LINING ☐ 5 GLASS LINING ☐ 6 UNLINED ☒ 98 UNKNOWN ☐ 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___
D. EXTERIOR CORROSION PROTECTION: ☐ 1 POLYETHYLENE WRAP ☐ 2 COATING ☐ 3 VINYL WRAP ☐ 4 FIBERGLASS REINFORCED PLASTIC ☐ 5 CATHODIC PROTECTION ☐ 91 NONE ☒ 98 UNKNOWN ☐ 99 OTHER
E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) ___ DROP TUBE YES ___ NO ___ STRIKER PLATE YES ___ NO ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) ___ DISPENSER CONTAINMENT YES ___ NO ___

IV. PIPING INFORMATION
CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND. BOTH IF APPLICABLE

A. SYSTEM TYPE: A (U) 1 SUCTION; A U 2 PRESSURE; A U 3 GRAVITY; A U 4 FLEXIBLE PIPING; A U 99 OTHER
B. CONSTRUCTION: A (U) 1 SINGLE WALL; A U 2 DOUBLE WALL; A U 3 LINED TRENCH; A U 98 UNKNOWN; A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION: A (U) 1 BARE STEEL; A U 2 STAINLESS STEEL; A U 3 POLYVINYL CHLORIDE (PVC); A U 4 FIBERGLASS PIPE; A U 5 ALUMINUM; A U 6 CONCRETE; A U 7 STEEL W/ COATING; A U 8 100% METHANOL COMPATIBLE W/FRP; A U 9 GALVANIZED STEEL; A U 10 CATHODIC PROTECTION; A U 98 UNKNOWN; A U 99 OTHER
D. LEAK DETECTION: ☐ 1 MECHANICAL LINE LEAK DETECTOR ☐ 2 LINE TIGHTNESS TESTING ☐ 3 CONTINUOUS INTERSTITIAL MONITORING ☐ 4 ELECTRONIC LINE LEAK DETECTION ☐ 5 AUTOMATIC PUMP SHUTDOWN ☐ 99 OTHER

V. TANK LEAK DETECTION

☐ 1 VISUAL CHECK ☐ 2 MANUAL INVENTORY RECONCILIATION ☐ 3 VADOZE MONITORING ☐ 4 AUTOMATIC TANK GAUGING ☐ 5 GROUND WATER MONITORING ☐ 6 ANNUAL TANK TESTING ☐ 7 CONTINUOUS INTERSTITIAL MONITORING ☐ 8 SIR ☐ 9 WEEKLY MANUAL TANK GAUGING ☐ 10 MONTHLY TANK TESTING ☐ 98 UNKNOWN ☐ 99 OTHER

VI. TANK CLOSURE INFORMATION (PERMANENT CLOSURE IN-PLACE)

1. ESTIMATED DATE LAST USED (MO/DAY/YR):
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING: 0 GALLONS
3. WAS TANK FILLED WITH INERT MATERIAL? YES ☐ NO ☐

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

TANK OWNER'S NAME (PRINTED & SIGNATURE): Jeffrey S. Krohn — Jeffrey Krohn — DATE: 4/26/94

LOCAL AGENCY USE ONLY
THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #

PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED. FORM C MUST BE COMPLETED FOR INSTALLATIONS. THIS FORM SHOULD BE ACCOMPANIED BY A PLOT PLAN. FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

FORM B (6-88)

APPENDIX B

Alameda County Department of Environmental Health

Hazardous Waste Inspection Form

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

II, III

Site ID # 3978   Site Name Municipal Service Center   Today's Date 5/21/97

Site Address 7101 Edgewater   (1)

City Oak   Zip 94621   Phone ______

_____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

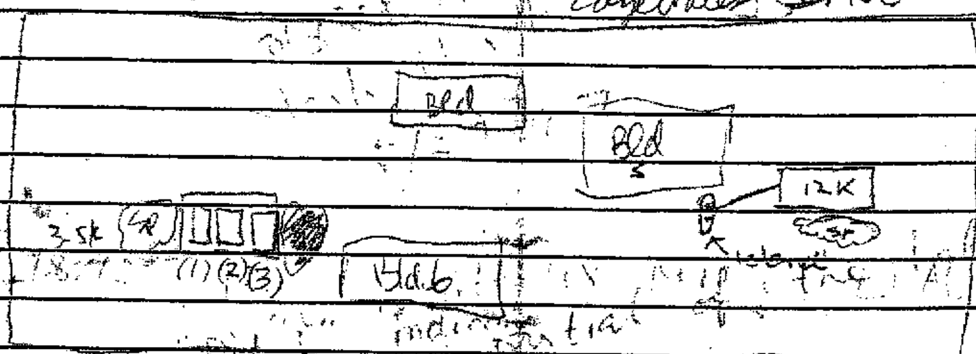
Inspection Categories:

_____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
__✓__ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
__✓__ III. Underground Storage Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Present to witness removal of 1 at Service
1 - 12k fiberglass tank (diesel) - south side of site - no obvious holes/cracks
backfill mainly pea gravel ~ approx 15 x 30 x 6 = 100 cy
GW in pit, obvious signs of fuel release on water
Contractor: TPE - J. Farkonnad et al
J. Catton, J. Krohn present + M. Hersch86



OFD - T. Crawford present - 0% LEL / 8% O2 (12k tank)
Clearwater Envir. doing sheen/pumping of GW
3-5K - All standard 0% LEL + low O2 (<10%)
Tank #1 - steel asphalt wrap - deteriorated, no obvious holes
Tank #2 " " " " "
Tank #3 " " " " "

Contact ______   **II, III**

Title ______   Inspector B CHAN

Signature X Truman Rusk   Signature B Chan

2nd spoils pile ~ 66 cy // approx 2/3 "clean" & 1/3 impacted of the 66 cy → 3 discrete samples for possible reuse; actually took 5 discrete samples of spoils

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

p1

II, III

Site ID # 3978 Site Name Municipal Service Center Today's Date 6/23/97

Site Address 7101 Edgewater Drive

City Oak Zip 94621 Phone

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

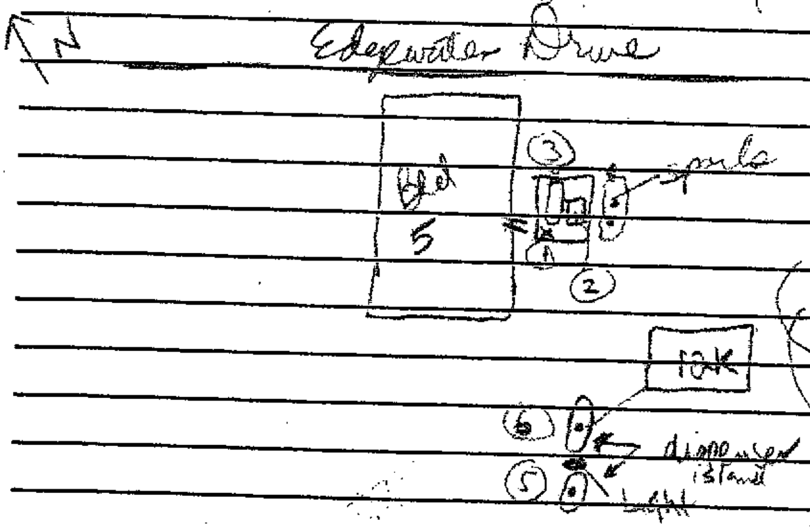
Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
✓ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
✓ III. Underground Storage Tanks Removal

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Witness the removal of 2 - 1-1K (fresh) fuel oil & 1-500 waste oil tank located just N of the former 12K diesel tank



TRE - Contractor Jeff F.
Microsearch - J Sutton/spler
Dexanna - Transporter
OFD - S. Crawford
500 - 0% LEL, 1.7% O_2
1000 - 0% LEL, 4.3% O_2
~~rusted, tarwrapped steel~~
~~no obvious holes observed~~
same as above, area beneath tank ripped where tie-down was

Site conditions: spoils from the diesel/gas tank pit + 12K diesel pits has been removed + areas asphalted
concrete slab beneath tanks, fill is mainly sand ~(20 cyds)
sple(1) from NW corner into gravelly sandy silt - no odor
sple(2) from beneath (sidewall) 500 gal tank, gravel + sand + silt - no odor
sple(3) from NE corner (") brown gravel sand, silt no odor

Contact

Title

Signature X

Small amt of water in pit -

II, III

Inspector B Chan

Signature B Chan

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy
Alameda CA 94502
510/567-6700

Hazardous Materials Inspection Form

II, III

Site ID # 3978 Site Name Municipal Service Center Today's Date 6/23/97

Site Address 7101 Edgewater Drive

City Oak Zip 94621 Phone

____ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

____ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
____ II. Hazardous Materials Business Plan, Acutely Hazardous Materials
✓ III. Underground Storage Tanks Removal

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

Backfill will be sampled & composited into one (3pt) - May run for analytes detected in the sidewall samples for Nuce - run TOG if no analytes detected in any of the three sidewalls.
• Pls remove or cap the lines leading into tankpit. Vent piping should be removed.
• May run only sample 2 for the entire workout parameters (TPHg, d, mo oil (TOG), chlorinated solvents, semivolatiles + metals (Cd, Cr, Pb, Ni + Zn). Samples 1+3 run for TPH mo oil TOG only.
• One sample taken from vent + vent dispenser island locations - some [illegible] noticeable in [illegible] sample. Pls run sample (5)+(6) for TPHg, d, BTEX + MTBE

Contact

Title

Signature

II, III

Inspector B Chan

Signature [signature]

APPENDIX C

Hazardous Waste Disposal Documentation

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981424609 | Manifest Document No. 70506 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: City of Oakland 7101 Edgewater Oakland, CA

4. Generator's Phone (510) 615-5515 94660

5. Transporter 1 Company Name: TRIDENT TRUCK LINE, INC. | 6. US EPA ID Number: CAD982418437 0

7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address: ERICKSON, 255 PARR BLVD, RICHMOND CA. 94801 | 10. US EPA ID Number: CAD009466392

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. WASTE EMPTY TANK NON-RCRA HAZARDOUS WASTE SOLID,.	002	T	P 10000	P
b.				
c.				
d.				

13. Special Handling Instructions and Additional Information

KEEP AWAY FROM SOURCE OF IGNITION., ALWAYS WEAR HARDHATS AROUND UNDERGROUND STORAGE TANKS. 24 HR CONTACT NAME: Jeffrey Kramer PHONE NUMBER: 610-551

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
JEFF FARHOOMAND		05	21	91

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
S Espinoza		05	21	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVID SATO	DAVE SATO	05	23	91

DO NOT WRITE BELOW THIS LINE.

Blue: GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 400, Sacramento, CA 95812-0400

DTSC 8022A (1/90)
EPA 8700-22

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981424609 | Manifest Document No. 705016 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address: City of Oakland, 7101 Edgewater Dr., Oakland, CA. 94621 Muni Bldgs

4. Generator's Phone (510 615-5520

5. Transporter 1 Company Name: TRIDENT TRUCK LINE, INC. | 6. US EPA ID Number: CAD982484370

7. Transporter 2 Company Name | 8. US EPA ID Number

9. Designated Facility Name and Site Address: ERICKSON, 255 PARR BLVD, RICHMOND CA, 94801 | 10. US EPA ID Number: CAD009466392

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. WASTE EMPTYTRANK NON-RCRA HAZARDOUS WASTE SOLID.	002	TP	17000	P
b.				
c.				
d.				

15. Special Handling Instructions and Additional Information

KEEP AWAY FROM SOURCE OF IGNITION. ALWAYS WEAR HARDHATS AROUND UNDERGROUND STORAGE TANKS. 24 HR CONTACT NAME: Jeffrey S. Krohn PHONE NUMBER: 615-5515

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Jeffrey S. Krohn	Jeffrey S. Krohn			

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	05	21	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space: 16 - DATE 05/21/91

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVID SATO	DAVE SATO	05	22	91

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802, WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR — TRANSPORTER — FACILITY

DTSC 8022A (1/95)
EPA 8700-22

Blue: GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 400, Sacramento, CA 95812-0400

TOTAL P.04

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

99945

UNIFORM HAZARDOUS WASTE MANIFEST

CAD981424609 | 0 1 1 1 9 7 | of

3. Generator's Name and Mailing Address City of Oakland
7101 Edgewater Dr. - Oakland, Calif [redacted]
94621

4. Generator's Phone (510) 615-5515

5. Transporter 1 Company Name Dexanne
6. US EPA ID Number CAD982438565 [redacted]

7. Transporter 2 Company Name
8. US EPA ID Number

9. Designated Facility Name and Site Address
Erickson, Inc. - 255 Parr Blvd.
Richmond, Calif. 94801
10. US EPA ID Number CAD009466392 [redacted]

GENERATOR

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	002	TP	04500	P
b.				
c.				
d.				

[redacted]

15. Special Handling Instructions and Additional Information
Always wear hardhats when working around U.G.S.T.'s.
Keep away from sources of ignition.
Site Location: 7101 Edgewater Dr. - Oakland Calif

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Jeffrey S. Kohn	[signature]	06	23	9

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Month	Day	Year
James R. Cox	[signature]	06	23	9

18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
DAVID SATO	DAVE SATO	06	23	9

DO NOT WRITE BELOW THIS LINE.

Yellow: TSDF SENDS THIS COPY TO GENERATOR WITHIN 30 DAYS.
Generators who submit hazardous waste for transport out-of-state, produce completed copy of this copy and send to DTSC within 30 days.

DTSC 8022A (1/99)
EPA 8700—22

APPENDIX D

Standard Operating Protocol for Sample Collection

STANDARD OPERATING PROCEDURES FOR SAMPLE COLLECTION

During exploratory boring activities, soil samples for chemical analysis will be collected at 5-foot intervals, as required by regulations, and more frequently if warranted. Samples will be collected in decontaminated brass or stainless steel sleeves inserted into the sampler. Upon recovery, the sampler will be opened, and the sleeves separated and immediately covered with Teflon tape and plastic end caps. Samples will be placed in a cooler, chilled to 4 degrees C, and transported to the analytical laboratory under chain-of-custody. Each sample will be labeled with an identification number, appropriate to the project written in indelible ink. The sample label will also include the date, company name, project number, preservative used, and samplers name or initials. The information will be included on the chain-of-custody form along with any special information necessary to identify the sample.

Stockpile grab samples will also be collected in brass sleeves and capped with Teflon and plastic end caps. Grab sample frequency and distribution will vary according to the project. Generally, a minimum of one discrete sample will be collected from each 20 cubic yards of soil. Sample location will be determined using a grid system. Stockpile grab soil samples will be collected by digging or one to the target depth and pushing a clean brass liner into the freshly exposed soil until the liner is completely filled. The sample liners will be removed and the ends covered with Teflon-lined plastic caps. Transportation and chain-of-custody procedures will be identical to boring samples.

Excavation verification soil samples will be collected from the base of an excavation using a backhoe. The backhoe bucket will be used to burrow one to two feet into the base of the excavation and the loaded bucket will be brought to the surface. Approximately 6-inches of the exposed soil will be removed from atop the soil contained in the bucket. A clean brass liner will then be pushed into the fresh surface of the soil contained in the bucket until completely filled. The sample liners were then removed and the ends covered with Teflon-lined plastic caps. Transportation and chain-of-custody procedures will be identical to boring samples.

Sampling equipment will be decontaminated before and after with Simple Green ™ or laboratory-grade detergent.

CHAIN-OF-CUSTODY PROCEDURES

All soil and water samples will be labeled with the sample number, date, company name, preservative used, and sampler's name or initial. A chain-of-custody form will then be filled out including the time and date of the sample, the sample number, the number of the containers for each sample, the analysis required and any distinguishing comments or laboratory notifications. The chain-of-custody form will remain with the samples at all times during transportation and storage.

The chain-of-custody will be signed and dated by the sampler when relinquished to the laboratory. The laboratory courier or sample receiver will also be sign and date the chain-of-custody.

APPENDIX E

Soil Disposal Manifest Documentation

VASCO ROAD SANITARY LANDFILL No: 894968

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Pleasanton Bus. Office. 468-1120
Barbara Laurie 468-1638

Date. : 06-13-97 Time In: 13:40:42 Time Out: 13:40:42
Ticket # : A50413 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : R05 Lic Plate:
ALA OAKLAND
Manifest # : 530765 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 32.58 Tare Wt: 14.89 Net Wt: 17.69 tn

17.69 / 13 ≈ 1.3 ton/cy

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	13.00	17.69 TN		

wt of load ÷ cy/ton ×1.39 yds. subtr. 4 tons

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

17.69 - 4

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER [signature]

VASCO ROAD SANITARY LANDFILL No: 894961

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 13:36:02 Time Out: 13:36:02
Ticket # : 050407 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : RB3 Lic Plate:
ALA OAKLAND
Manifest # : 530764 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.97 Tare Wt: 15.62 Net Wt: 19.35 tn

Item	Descr	Actual	Bill Qty	t/Unit	Extended
00739	SOIL	15.00	19.35 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

CUSTOMER

VASCO ROAD SANITARY LANDFILL No: 895021

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 15:28:48 Time Out: 15:28:48
Ticket # : A50466 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000014 Lic Plate:
ALA OAKLAND
Manifest # : 530773 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : HILLS Operator: RAY
Capacity : 20.00 yd Scale In # : 3 Scale Out #: Stored
Gross Wt : 34.51 Tare Wt: 15.16 Net Wt: 19.35 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.35 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

CUSTOMER

VASCO ROAD SANITARY LANDFILL No: 895019

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 15:26:59 Time Out: 15:26:59
Ticket # : 050464 CMS # : 1000002 LMS #: 0000002
Customer : TONK PROTECT ENGINEERING
Vehicle # : K612 Lic Plate:
ALA OAKLAND
Manifest # : 530771 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 39.06 Tare Wt: 15.53 Net Wt: 23.53 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	20.00	23.53 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninôs deben de permaneceren en los cerros a todas horas.

No se permite llever cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 895018

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 15:25:35 Time Out: 15:25:35
Ticket # : 050463 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000215 Lic Plate:
ALA OAKLAND
Manifest # : 530772 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : SIMMONS Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.42 Tare Wt: 15.11 Net Wt: 19.31 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.31 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llever cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894996

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 14:41:54 Time Out: 14:41:54
Ticket # : A50440 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : G91 Lic Plate:
ALA OAKLAND
Manifest # : 530767 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 33.72 Tare Wt: 14.32 Net Wt: 19.40 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.40 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 895030

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 15:48:11 Time Out: 15:48:11
Ticket # : A50475 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : RB4 Lic Plate:
ALA OAKLAND
Manifest # : 530777 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 3 Scale Out #: Stored
Gross Wt : 33.50 Tare Wt: 15.70 Net Wt: 17.80 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	14.00	17.80 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

Tony
DRIVER

VASCO ROAD SANITARY LANDFILL No: 895029

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 15:47:06 Time Out: 15:47:06
Ticket # : A50474 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000008 Lic Plate:
ALA OAKLAND
Manifest # : 530775 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : J BAKER Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 32.64 Tare Wt: 15.37 Net Wt: 17.27 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	14.00	17.27 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

CUSTOMER

VASCO ROAD SANITARY LANDFILL No: 895036

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 15:56:45 Time Out: 15:56:45
Ticket # : 050480 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 0651 Lic Plate:
ALA OAKLAND
Manifest # : 530774 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Consent : LINHART Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.79 Tare Wt: 15.48 Net Wt: 19.31 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.31 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

DRIVER

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

VASCO ROAD SANITARY LANDFILL No: 895055

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 16:44:39 Time Out: 16:44:39
Ticket # : A50499 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : H86 Lic Plate:
ALA OAKLAND
Manifest # : 141446 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : Manual Scale Out #: Stored
Gross Wt : 35.70 Tare Wt: 15.31 Net Wt: 20.39 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	16.00	20.39 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar coses del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 908550

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-23-97 Time In: 08:31:14 Time Out: 08:40:32
Ticket # : 052948 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000005 Lic Plate:
ALA OAKLAND
Manifest # : 530741 PO #: 005042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : HILLS Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 34.91 Tare Wt: 15.33 Net Wt: 19.58 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.58 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 908631

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-23-97 Time In: 10:44:19 Time Out: 10:44:19
Ticket # : A53046 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000005 Lic Plate:
ALA OAKLAND
Manifest # : 530776 PO #: 005042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : HILLS Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 35.19 Tare Wt: 15.33 Net Wt: 19.86 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.86 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todes horas.

No se permite llevar coses del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 908670

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-23-97 Time In: 11:38:33 Time Out: 11:38:33
Ticket # : 053085 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000215 Lic Plate:
ALA OAKLAND
Manifest # : 530778 PO #: 005042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : SIMMONS Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.77 Tare Wt: 15.11 Net Wt: 19.66 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.66 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninos deben de permanecaren en los carros a todas horas.

No se permite llever cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 908728

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-23-97 Time In: 13:07:35 Time Out: 13:07:35
Ticket # : 053145 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000005 Lic Plate:
ALA OAKLAND
Manifest # : 530770 PO #: 005042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : HILLS Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 29.75 Tare Wt: 15.33 Net Wt: 14.42 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	10.00	14.42 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894755

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 08:03:33 Time Out: 08:26:04
Ticket # : 050186 CMS # : 1009002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 691 Lic Plate:
ALA OAKLAND
Manifest # : 530769 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : Manual Scale Out #: 2
Gross Wt : 32.47 Tare Wt: 14.32 Net Wt: 18.15 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	14.00	18.15 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninōs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER A.C. [signature]

VASCO ROAD SANITARY LANDFILL No: 894758

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 08:07:50 Time Out: 08:32:00
Ticket # : A50190 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000014 Lic Plate:
ALA OAKLAND
Manifest # : 530768 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : HILLS Operator: RAY
Capacity : 20.00 yd Scale In # : 3 Scale Out #: 2
Gross Wt : 35.57 Tare Wt: 15.16 Net Wt: 20.41 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	16.00	20.41 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894908

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 12:14:47 Time Out: 12:14:47
Ticket # : 050354 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : G91 Lic Plate:
ALA OAKLAND
Manifest # : 530750 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 33.06 Tare Wt: 14.32 Net Wt: 18.74 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	14.00	18.74 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninos deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

CUSTOMER

VASCO ROAD SANITARY LANDFILL No: 894903

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 12:09:32 Time Out: 12:09:32
Ticket # : A50350 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000127 Lic Plate:
ALA OAKLAND
Manifest # : 530760 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 35.03 Tare Wt: 15.61 Net Wt: 19.42 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.42 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894874

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 11:19:33 Time Out: 11:34:10
Ticket # : A50307 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : RB5 Lic Plate:
ALA OAKLAND
Manifest # : 530747 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 34.75 Tare Wt: 14.89 Net Wt: 19.86 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.86 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894926

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 12:44:38 Time Out: 12:44:38
Ticket # : 050371 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000014 Lic Plate:
ALA OAKLAND
Manifest # : 530761 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : HILLS Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 32.88 Tare Wt: 15.16 Net Wt: 17.72 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	13.00	17.72 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

COMPUTERAC • AZ: (602) 565-2658 • CA: (800) 734-3930

VASCO ROAD SANITARY LANDFILL No: 894923

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 12:37:03 Time Out: 12:37:03
Ticket # : A50360 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : K612 Lic Plate:
ALA OAKLAND
Manifest # : 530749 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 36.76 Tare Wt: 15.53 Net Wt: 21.23 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	17.00	21.23 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894944

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 13:07:24 Time Out: 13:07:24
Ticket # : 050389 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 0651 Lic Plate:
ALA OAKLAND
Manifest # : 530758 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : LINHART Operator: RAB
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.52 Tare Wt: 15.48 Net Wt: 19.04 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.04 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

DRIVER

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

VASCO ROAD SANITARY LANDFILL No: 894953

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 13:27:47 Time Out: 13:27:47
Ticket # : A50399 CNS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : RB4 Lic Plate:
ALA OAKLAND
Manifest # : 530762 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 33.58 Tare Wt: 15.70 Net Wt: 17.88 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	13.00	17.88 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninōs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894929

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 12:47:33 Time Out: 12:47:33
Ticket # : A50374 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000215 Lic Plate:
ALA OAKLAND
Manifest # : 530748 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : SIMMONS Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 33.58 Tare Wt: 15.11 Net Wt: 18.47 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	14.00	18.47 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deban de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894934

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 12:54:38 Time Out: 12:54:38
Ticket # : A50379 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000008 Lic Plate:
ALA OAKLAND
Manifest # : 530759 PO #: 5042 Transporter: 0
Source Cd : Generator : C00 CITY OF OAKLAND
Comment : J BAKER Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 33.95 Tare Wt: 15.37 Net Wt: 18.58 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	14.00	18.58 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894954

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 13:29:12 Time Out: 13:29:12
Ticket # : A50400 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : H86 Lic Plate:
ALA OAKLAND
Manifest # : 530763 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.47 Tare Wt: 15.31 Net Wt: 19.16 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.16 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894989

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 14:28:13 Time Out: 14:28:13
Ticket # : A50434 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000127 Lic Plate:
ALA OAKLAND
Manifest # : 530766 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 36.01 Tare Wt: 15.61 Net Wt: 20.40 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	16.00	20.40 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894767

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 00:29:23 Time Out: 08:43:53
Ticket # : A50203 CNS # : 1008002 LNS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : H06 Lic Plate:
ALA OAKLAND
Manifest # : 530754 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 37.72 Tare Wt: 15.31 Net Wt: 22.41 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	10.00	22.41 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

COMPUTERAC • AZ: (602) 365-2858 • CA: (408) 734-5930

VASCO ROAD SANITARY LANDFILL No: 894764

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 08:09:40 Time Out: 08:30:39
Ticket # : A50191 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000000 Lic Plate:
ALA OAKLAND
Manifest # : 530757 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 35.27 Tare Wt: 15.37 Net Wt: 19.90 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.90 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llever cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894775

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 08:42:49 Time Out: 09:57:52
Ticket # : A50213 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : RB4 Lic Plate:
ALA OAKLAND
Manifest # : 530756 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 38.64 Tare Wt: 15.70 Net Wt: 22.94 tn

Item	Descr	Actual	Bill Qty	t/Unit	Extended
00739	SOIL	18.00	22.94 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER Tony

VASCO ROAD SANITARY LANDFILL No: 894812

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 09:22:44 Time Out: 09:53:29
Ticket # : A50243 CNS # : 1000802 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000127 Lic Plate:
ALA OAKLAND
Manifest # : 530755 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 33.50 Tare Wt: 15.61 Net Wt: 17.89 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	14.00	17.89 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894821

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 09:44:39 Time Out: 10:07:42
Ticket # : A50256 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 0651 Lic Plate:
ALA OAKLAND
Manifest # : 530740 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : LINHART Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 37.70 Tare Wt: 15.48 Net Wt: 22.22 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	18.00	22.22 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permanaceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894817

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 09:41:37 Time Out: 10:03:44
Ticket # : A50253 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000215 Lic Plate:
ALA OAKLAND
Manifest # : 530742 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : SIMMONS Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 38.00 Tare Wt: 15.11 Net Wt: 22.89 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	18.00	22.89 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permanaceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894838

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 10:43:53 Time Out: 10:43:53
Ticket # : A50283 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000014 Lic Plate:
ALA OAKLAND
Manifest # : 530753 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : HILLS Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 35.22 Tare Wt: 15.16 Net Wt: 20.06 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	16.00	20.06 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894834

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 10:13:02 Time Out: 10:31:55
Ticket # : A50274 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : K612 Lic Plate:
ALA OAKLAND
Manifest # : 539752 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 39.82 Tare Wt: 15.53 Net Wt: 24.29 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	20.00	24.29 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros e todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER CUSTOMER

VASCO ROAD SANITARY LANDFILL No: 894822

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 10:09:40 Time Out: 10:09:40
Ticket # : 050272 CWS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : G91 Lic Plate:
ALA OAKLAND
Manifest # : 530751 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.14 Tare Wt: 14.32 Net Wt: 19.82 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.82 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894844

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 10:54:24 Time Out: 10:54:24
Ticket # : A50288 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : 000000 Lic Plate:
ALA OAKLAND
Manifest # : 530743 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 3 Scale Out #: Stored
Gross Wt : 34.45 Tare Wt: 15.37 Net Wt: 19.08 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.08 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros e todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894852

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 11:06:30 Time Out: 11:06:30
Ticket # : A50298 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : H86 Lic Plate:
ALA OAKLAND
Manifest # : 530745 PO #: 5042 Transporter: D
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 35.37 Tare Wt: 15.31 Net Wt: 20.06 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	16.00	20.06 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Niños deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894873

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 11:15:25 Time Out: 11:32:15
Ticket # : A50304 CMS # : 1000002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : RB3 Lic Plate:
ALA OAKLAND
Manifest # : 530746 PO #: 5042 Transporter: 0
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: 2
Gross Wt : 35.50 Tare Wt: 15.62 Net Wt: 19.88 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.88 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles. Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER

VASCO ROAD SANITARY LANDFILL No: 894857

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

4001 VASCO ROAD
LIVERMORE, CA 94550
(510) 447-0491

Date : 06-13-97 Time In: 11:12:57 Time Out: 11:12:57
Ticket # : A50303 CMS # : 1008002 LMS #: 0000002
Customer : TANK PROTECT ENGINEERING
Vehicle # : RB4 Lic Plate:
ALA OAKLAND
Manifest # : 530744 PO #: 5042 Transporter: O
Source Cd : Generator : COO CITY OF OAKLAND
Comment : Operator: RAY
Capacity : 20.00 yd Scale In # : 1 Scale Out #: Stored
Gross Wt : 34.80 Tare Wt: 15.70 Net Wt: 19.10 tn

Item	Descr	Actual	Bill Qty	$/Unit	Extended
00739	SOIL	15.00	19.10 TN		

THANK YOU FOR YOUR BUSINESS!!!
HAVE A GREAT DAY!!!

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.

All children must remain in vehicles.
Absolutely no salvaging allowed.

Ninõs deben de permaneceren en los carros a todas horas.

No se permite llevar cosas del dompe absolutamente.

DRIVER 1074

APPENDIX F

Laboratory Analytical Reports

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL

Project#: 01-0397

Received: May 22, 1997

re: 14 samples for TPH - Diesel analysis.
Method: *EPA 8015M*

Sampled: May 21, 1997 *Matrix:* SOIL *Run#:* 6988 *Extracted:* May 22, 1997 *Analyzed:* May 22, 1997

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
132897	S5	N.D.	1.0	N.D.	90.1	1
132898	S6	N.D.	1.0	N.D.	90.1	1

Sampled: May 21, 1997 *Matrix:* SOIL *Run#:* 6988 *Extracted:* May 22, 1997 *Analyzed:* May 23, 1997

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
132893	S1	6.2	1.0	N.D.	90.1	1
Note:	*Hydrocarbon reported does not match the pattern of our Diesel Standard.*					
132894	S2	19	1.0	N.D.	90.1	1
132895	S3	98	4.0	N.D.	90.1	4
Note:	*Hydrocarbon reported has characteristics of weathered/aged Diesel. Estimated concentration due to overlapping fuel patterns.*					
132896	S4	N.D.	1.0	N.D.	90.1	1
132899	S7	N.D.	1.0	N.D.	90.1	1
132900	S8	N.D.	1.0	N.D.	90.1	1
132901	SS1	110	10	N.D.	90.1	10
Note:	*Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.*					
132902	SS2	77	2.0	N.D.	90.1	2
Note:	*Hydrocarbon reported has characteristics of weathered/aged Diesel. Estiamted concentration due to overlapping fuel patterns.*					
132903	SS3	3.5	1.0	N.D.	90.1	1
Note:	*Hydrocarbon reported is in the late Diesel Range and does not match our Diesel Standard.*					
32904	SS4	3300	10	N.D.	90.1	10
Note:	*Estimated concentration due to overlapping fuel patterns.*					
132905	SS5	170	5.0	N.D.	90.1	5
Note:	*Hydrocarbon reported has characteristics of weathered/aged Diesel. Estimated concentration due to overlapping fuel patterns.*					

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(510) 484-1919 • Facsimile (510) 484-1096

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705331

MICROSEARCH ENVIRONMENTAL

Attn: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: 5 samples for TPH - Diesel analysis.
Method: *EPA 8015M*

Matrix: SOIL *Extracted:* May 23, 1997
Sampled: May 22, 1997 *Run#:* 6996 *Analyzed:* May 23, 1997

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
133012	SC-N1,2,3,4	260	5.0	N.D.	91.1	5
	Note: Estimated concentration due to overlapping fuel patterns.					

Matrix: SOIL *Extracted:* May 23, 1997
Sampled: May 22, 1997 *Run#:* 6996 *Analyzed:* May 24, 1997

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
133010	SC-S1,2,3,4	340	10	N.D.	91.1	10
	Note: Estimated concentration due to overlapping fuel patterns.					
133011	SC-W1,2,3,4	250	5.0	N.D.	91.1	5
	Note: Estimated concentration due to overlapping fuel patterns.					
133013	SC-E1,2,3,4	590	5.0	N.D.	91.1	5
	Note: Estimated concentration due to overlapping fuel patterns.					
133014	S9	220	5.0	N.D.	91.1	5
	Note: Estimated concentration due to overlapping fuel patterns.					

Bruce Havlik
Chemist

Alex Tam
Semivolatiles Supervisor

510-452-5510 PM 05/27
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CHROMALAB, INC.

Environmental Services (SDB)

June 2, 1997

Submission #: 9705407

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Project#: 01-0397
Received: May 28, 1997

re: 1 sample for TPH - Diesel analysis.
Method: *EPA 8015M*

Sampled: May 28, 1997
Matrix: SOIL
Run#: 7043
Extracted: May 28, 1997
Analyzed: May 29, 1997

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
133677	SC-3-1,2,3,4	740	10	N.D.	62.2	10

Bruce Havlik
Chemist

Alex Tam
Semivolatiles Supervisor

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SDB 6:000405 BHAVLIK 10:58

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: 14 samples for TPH - Diesel analysis, continued.
Method: *EPA 8015M*

Sampled: May 21, 1997
Matrix: WATER
Run#: 6989
Extracted: May 22, 1997
Analyzed: May 27, 1997

Spl#	CLIENT SPL ID	DIESEL (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
132906	W1	15000	250	N.D.	98.0	5

Note: Hydrocarbon reported has characteristics of weathered/aged Diesel. Estimated concentration due to overlapping fuel patterns.

Bruce Havlik
Chemist

Alex Tam
Semivolatiles Supervisor

510-452-5510 PM . 05/27

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8005 0c000405 SNAMLIK 0a01

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: S1
Spl#: 132893
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7005

Analyzed: May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	70	61	N.D.	--	200
MTBE	N.D.	1.0	N.D.	96	200
BENZENE	0.51	0.24	N.D.	87	200
TOLUENE	3.4	0.24	N.D.	88	200
ETHYL BENZENE	1.8	0.24	N.D.	92	200
XYLENES	9.3	0.24	N.D.	94	200

Note: *Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.*

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

510-452-5510

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Federal ID #68-0140157

FM V192 D:BTEXQC0220
ALEXANDM 58

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: S2
Spl#: 132894
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7004

Analyzed: May 22, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	3.8	1.0	N.D.	94	1
MTBE	0.13	0.0050	N.D.	100	1
BENZENE	0.040	0.0050	N.D.	102	1
TOLUENE	0.0092	0.0050	N.D.	99	1
ETHYL BENZENE	0.024	0.0050	N.D.	115	1
XYLENES	0.078	0.0050	N.D.	114	1

Note: *Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.*

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

510-452-5510

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

PM V102 O:BTEXQC0220
ALEXANDM 08:51

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: S3
Spl#: 132895
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7005

Analyzed: May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	770	120	N.D.	--	400
MTBE	N.D.	2.0	N.D.	96	400
BENZENE	2.9	0.47	N.D.	87	400
TOLUENE	3.0	0.47	N.D.	88	400
ETHYL BENZENE	9.9	0.47	N.D.	92	400
XYLENES	42	0.47	N.D.	94	400

Note: Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

1220 Quarry Lane • Pleasanton, California 94566-4756
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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: S4
Spl#: 132896
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7005

Analyzed: May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	27	N.D.	--	100
MTBE	N.D.	0.50	N.D.	96	100
BENZENE	0.40	0.11	N.D.	87	100
TOLUENE	N.D.	0.11	N.D.	88	100
ETHYL BENZENE	2.2	0.11	N.D.	92	100
XYLENES	1.7	0.11	N.D.	94	100

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

510-452-5510

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

FM V132 01 BTEXQC0220
ALEXANDER 08:54

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: S5
Spl#: 132897
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7005

Analyzed: May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	45	27	N.D.	--	100
MTBE	N.D.	0.50	N.D.	96	100
BENZENE	3.0	0.11	N.D.	87	100
TOLUENE	0.13	0.11	N.D.	88	100
ETHYL BENZENE	1.4	0.11	N.D.	92	100
XYLENES	0.30	0.11	N.D.	94	100

Note: *Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page. Reporting Limits Increased Due To Matrix Interference.*

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: S6
Spl#: 132898
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7005

Analyzed: May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	120	61	N.D.	--	200
MTBE	N.D.	1.0	N.D.	96	200
BENZENE	3.0	0.24	N.D.	87	200
TOLUENE	N.D.	0.24	N.D.	88	200
ETHYL BENZENE	1.3	0.24	N.D.	92	200
XYLENES	2.0	0.24	N.D.	94	200

Note: Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

510-452-5510

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: S7
Spl#: 132899
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7005

Analyzed: May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	--	1
MTBE	N.D.	0.0050	N.D.	96	1
BENZENE	N.D.	0.0050	N.D.	87	1
TOLUENE	N.D.	0.0050	N.D.	88	1
ETHYL BENZENE	N.D.	0.0050	N.D.	92	1
XYLENES	N.D.	0.0050	N.D.	94	1

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: S8
Spl#: 132900
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7005

Analyzed: May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	26	N.D.	--	100
MTBE	N.D.	0.50	N.D.	96	100
BENZENE	N.D.	0.10	N.D.	87	100
TOLUENE	0.12	0.10	N.D.	88	100
ETHYL BENZENE	N.D.	0.10	N.D.	92	100
XYLENES	0.13	0.10	N.D.	94	100

Note: *Reporting Limits Increased Due To Matrix Interference. Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.*

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

~~510-452-5518~~

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

PM V132 0:BTEXQC0220
ALEXANDM 09:33

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705331

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: S9
Spl#: 133014 *Matrix:* SOIL
Sampled: May 22, 1997 *Run#:* 7006 *Analyzed:* May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	31	N.D.	--	100
MTBE	N.D.	0.50	N.D.	96	100
BENZENE	N.D.	0.12	N.D.	87	100
TOLUENE	0.34	0.12	N.D.	88	100
ETHYL BENZENE	0.70	0.12	N.D.	92	100
XYLENES	0.83	0.12	N.D.	94	100

Note: Reporting Limits Increased Due To Matrix Interference. Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: SS1
Spl#: 132901
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7004

Analyzed: May 22, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	29	N.D.	94	100
MTBE	N.D.	0.50	N.D.	100	100
BENZENE	N.D.	0.12	N.D.	102	100
TOLUENE	N.D.	0.12	N.D.	99	100
ETHYL BENZENE	0.17	0.12	N.D.	115	100
XYLENES	3.3	0.12	N.D.	114	100

Note: Reporting Limits Increased Due To Matrix Interference.

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: SS2
Spl#: 132902
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7004

Analyzed: May 22, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	94	1
MTBE	N.D.	0.0050	N.D.	100	1
BENZENE	N.D.	0.0050	N.D.	102	1
TOLUENE	N.D.	0.0050	N.D.	99	1
ETHYL BENZENE	N.D.	0.0050	N.D.	115	1
XYLENES	N.D.	0.0050	N.D.	114	1

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

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Federal ID #68-0140157

PM V1.2 G:\BTEX\0C0220
ALEXANDR 08:51

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: SS3
Spl#: 132903
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7004

Analyzed: May 22, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	94	1
MTBE	N.D.	0.0050	N.D.	100	1
BENZENE	N.D.	0.0050	N.D.	102	1
TOLUENE	N.D.	0.0050	N.D.	99	1
ETHYL BENZENE	N.D.	0.0050	N.D.	115	1
XYLENES	N.D.	0.0050	N.D.	114	1

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

~~510-452-5510~~

FM 0:BTEXQC0220
ALEXANDER 2/97

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: SS4
Spl#: 132904
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7005

Analyzed: May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	7400	1200	N.D.	--	4000
MTBE	N.D.	20	N.D.	96	4000
BENZENE	12	4.7	N.D.	87	4000
TOLUENE	210	4.7	N.D.	88	4000
ETHYL BENZENE	110	4.7	N.D.	92	4000
XYLENES	690	4.7	N.D.	94	4000

Note: Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

510-452-3510

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: SS5
Spl#: 132905
Sampled: May 21, 1997

Matrix: SOIL
Run#: 7004

Analyzed: May 22, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	1600	150	N.D.	94	500
MTBE	N.D.	2.5	N.D.	100	500
BENZENE	1.1	0.59	N.D.	102	500
TOLUENE	8.8	0.59	N.D.	99	500
ETHYL BENZENE	14	0.59	N.D.	115	500
XYLENES	92	0.59	N.D.	114	500

Note: *Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.*

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

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Federal ID #68-0140157

PM V111 O:BTEX0C0220
ALEXANDR 09:58

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705331

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **SC-W1,2,3,4**
Spl#: 133011 *Matrix:* SOIL
Sampled: May 22, 1997 *Run#:* 7004 *Analyzed:* May 22, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	400	50	N.D.	94	200
MTBE	N.D.	1.0	N.D.	100	200
BENZENE	0.75	0.20	N.D.	102	200
TOLUENE	4.6	0.20	N.D.	99	200
ETHYL BENZENE	5.3	0.20	N.D.	115	200
XYLENES	33	0.20	N.D.	114	200

Note: Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705331

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: SC-S1,2,3,4
Spl#: 133010 *Matrix:* SOIL
Sampled: May 22, 1997 *Run#:* 7006 *Analyzed:* May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	300	50	N.D.	--	200
MTBE	N.D.	1.0	N.D.	96	200
BENZENE	0.26	0.20	N.D.	87	200
TOLUENE	2.0	0.20	N.D.	88	200
ETHYL BENZENE	3.4	0.20	N.D.	92	200
XYLENES	22	0.20	N.D.	94	200

Note: Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705331

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: SC-E1,2,3,4
Spl#: 133013 *Matrix:* SOIL
Sampled: May 22, 1997 *Run#:* 7004 *Analyzed:* May 22, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	160	50	N.D.	94	200
MTBE	N.D.	1.0	N.D.	100	200
BENZENE	0.32	0.20	N.D.	102	200
TOLUENE	1.7	0.20	N.D.	99	200
ETHYL BENZENE	2.2	0.20	N.D.	115	200
XYLENES	14	0.20	N.D.	114	200

Note: Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705331

MICROSEARCH ENVIRONMENTAL

Attn: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: **SC-N1,2,3,4**
Spl#: 133012 *Matrix:* SOIL
Sampled: May 22, 1997 *Run#:* 7006 *Analyzed:* May 23, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	410	50	N.D.	--	200
MTBE	4.3	1.0	N.D.	96	200
BENZENE	1.6	0.20	N.D.	87	200
TOLUENE	5.3	0.20	N.D.	88	200
ETHYL BENZENE	6.0	0.20	N.D.	92	200
XYLENES	33	0.20	N.D.	94	200

Note: Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page. Estimated concentration for MTBE pending GC/MS confirmation.

Marianne Alexander
Gas/BTEX Supervisor

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

June 2, 1997 *Submission #:* 9705407

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 28, 1997

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: SC-3-1,2,3,4
Spl#: 133677 *Matrix:* SOIL
Sampled: May 28, 1997 *Run#:* 7091 *Analyzed:* May 30, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	100	N.D.	--	400
MTBE	N.D.	2.0	N.D.	102	400
BENZENE	N.D.	0.40	N.D.	79	400
TOLUENE	0.45	0.40	N.D.	79	400
ETHYL BENZENE	N.D.	0.40	N.D.	82	400
XYLENES	0.52	0.40	N.D.	86	400

Note: Reporting limits increased due to high concentration of hydrocarbons. Surrogate recovery was outside QA/QC limits due to matrix interference. See Surrogate Summary page.

Kayvan Kimyai
Chemist

Marianne Alexander
Gas/BTEX Supervisor

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CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL

Received: May 22, 1997

Project#: 01-0397

re: One sample for Gasoline BTEX MTBE analysis.

Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: W1

Spl#: 132906

Sampled: May 21, 1997

Matrix: WATER

Run#: 7009

Analyzed: May 22, 1997

ANALYTE	RESULT (ug/L)	REPORTING LIMIT (ug/L)	BLANK RESULT (ug/L)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	56000	10000	N.D.	91	200
MTBE	N.D.	1000	N.D.	82	200
BENZENE	6900	100	N.D.	86	200
TOLUENE	1900	100	N.D.	83	200
ETHYL BENZENE	1400	100	N.D.	83	200
XYLENES	5800	100	N.D.	87	200

Kayvan Kimyai
Chemist

Marianne Alexander
Gas/BTEX Supervisor

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Federal ID #68-0140157

FN V132 0:BTEXQC0220
ALEXANDB 0611

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: 13 samples for Lead analysis.
Method: *EPA 3050A/7420A*

Sampled: May 21, 1997 *Matrix:* SOIL *Extracted:* May 27, 1997
Run#: 7025 *Analyzed:* May 27, 1997

Spl#	CLIENT SPL ID	LEAD (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
132893	S1	8.9	5.0	N.D.	103	1
132894	S2	92	5.0	N.D.	103	1
132895	S3	18	5.0	N.D.	103	1
132896	S4	N.D.	5.0	N.D.	103	1
132897	S5	8.1	5.0	N.D.	103	1
132898	S6	6.5	5.0	N.D.	103	1
132899	S7	12	5.0	N.D.	103	1
132900	S8	7.2	5.0	N.D.	103	1
132901	SS1	6.9	5.0	N.D.	103	1
132902	SS2	N.D.	5.0	N.D.	103	1
132903	SS3	N.D.	5.0	N.D.	103	1
132904	SS4	6.3	5.0	N.D.	103	1
132905	SS5	N.D.	5.0	N.D.	103	1

Shafi Barekzai
Chemist

John S. Labash
Inorganics Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705331

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: 5 samples for Lead analysis.
Method: *EPA 3050A/7420A*

Sampled: May 22, 1997 *Matrix:* SOIL *Run#:* 7025 *Extracted:* May 27, 1997 *Analyzed:* May 27, 1997

Spl#	CLIENT SPL ID	LEAD (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
133010	SC-S1,2,3,4	51	5.0	N.D.	103	1
133011	SC-W1,2,3,4	15	5.0	N.D.	103	1
133012	SC-N1,2,3,4	18	5.0	N.D.	103	1
133013	SC-E1,2,3,4	78	5.0	N.D.	103	1
133014	S9	N.D.	5.0	N.D.	103	1

Shafi Barekzai
Chemist

John S. Labash
Inorganics Supervisor

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

May 29, 1997

Submission #: 9705407

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 28, 1997

Project#: 01-0397

re: 1 sample for Lead analysis.
Method: EPA 3050A/7420A

Sampled: May 28, 1997

Matrix: SOIL
Run#: 7063

Extracted: May 29, 1997
Analyzed: May 29, 1997

Spl#	CLIENT SPL ID	LEAD (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
133677	SC-3-1,2,3,4	9.0	5.0	N.D.	100	1

Shafi Barekzai
Chemist

John S. Labash
Inorganics Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: One sample for Miscellaneous Metals analysis.
Method: *EPA 3050A/6010A Nov 1990*

Client Sample ID: W1
Spl#: 132906 *Matrix:* WATER *Extracted:* May 23, 1997
Sampled: May 21, 1997 *Run#:* 7010 *Analyzed:* May 27, 1997

ANALYTE	RESULT (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
LEAD	0.13	0.0050	N.D.	98.8	1

Shafi Barekzai
Chemist

John S. Labash
Inorganics Supervisor

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Federal ID #68-0140157

M010 EXCO405 JOHN 1655

CHROMALAB, INC.

Environmental Services (SDB)

June 2, 1997 *Submission #:* 9705398

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: 2 samples for STLC Lead analysis.
Method: *EPA 3005A/7420A*

Sampled: May 22, 1997 *Matrix:* SOIL *Extracted:* May 30, 1997
Run#: 7083 *Analyzed:* May 30, 1997

Spl#	CLIENT SPL ID	LEAD (mg/L)	REPORTING LIMIT (mg/L)	BLANK RESULT (mg/L)	BLANK SPIKE (%)	DILUTION FACTOR
133621	SC-S1,2,3,4	1.2	1.0	N.D.	105	-
133622	SC-E1,2,3,4	8.8	1.0	N.D.	105	-

Aman Ullah for
Aman Ullah
Chemist

John S. Labash
Inorganics Supervisor

510-452-5510 FAX 08/02

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GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue
Modesto, CA 95351

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CERTIFICATE OF ANALYSIS

8010

Report # I153-05

ChromaLab
1220 Quarry Lane
Pleasanton CA 94566 - 4756

Date Sampled 05/27/97

Date of Report: 06/03/97
Date Received: 06/02/97
Date Started : 06/02/97
Date Completed: 06/02/97

Project Name:
Project# 9705398
Sample ID: SC-N 1,2,3,4
Lab ID: I20532

Method	Detection Limit	Analyte	Results	Units µg/Kg
8010	200	Dichlorodifluoromethane	ND	
	200	Chloromethane	ND	
	200	Vinyl Chloride	ND	
	200	Bromomethane	ND	
	200	Chloroethane	ND	
	200	Trichlorofluoromethane	ND	
	200	1,1-Dichloroethene	ND	
	200	Methylene Chloride	ND	
	200	trans-1,2-Dichloroethene	ND	
	200	1,1-Dichloroethane	ND	
	200	Chloroform	ND	
	200	1,1,1-Trichloroethane	ND	
	200	Carbon Tetrachloride	ND	
	200	1,2-Dichloroethane	ND	
	200	Trichloroethene	ND	
	200	1,2-Dichloropropane	ND	
	200	Bromodichloromethane	ND	
	200	Dibromomethane	ND	
	200	2-Chloroethylvinyl ether	ND	
	200	trans-1,3-Dichloropropene	ND	
	200	cis-1,3-Dichloropropene	ND	
	200	1,1,2-Trichloroethane	ND	
	200	Tetrachloroethene	ND	
	200	Dibromochloromethane	ND	
	200	1,2-Dibromoethane	ND	
	200	1,1,1,2-Tetrachloroethane	ND	
	200	Chlorobenzene	ND	
	200	Bromoform	ND	
	200	1,1,2,2-Tetrachloroethane	ND	
	200	1,2,3-Trichloropropane	ND	
	200	Bromobenzene	ND	
	200	2-Chlorotoluene	ND	
	200	1,3-Dichlorobenzene	ND	

GeoAnalytical Laboratories, Inc.

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Modesto, CA 95351

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CERTIFICATE OF ANALYSIS

8010

Report # I153-05

ChromaLab
1220 Quarry Lane
Pleasanton CA 94566 - 4756

Date Sampled 05/27/97

Date of Report: 06/03/97
Date Received: 06/02/97
Date Started : 06/02/97
Date Completed: 06/03/97

Project Name:
Project # 9705398
Sample ID: SC-S 1,2,3,4
Lab ID: I20533

Method	Detection Limit	Analyte	Results	Units
				µg/Kg
8010	200	Dichlorodifluoromethane	ND	
	200	Chloromethane	ND	
	200	Vinyl Chloride	ND	
	200	Bromomethane	ND	
	200	Chloroethane	ND	
	200	Trichlorofluoromethane	ND	
	200	1,1-Dichloroethene	ND	
	200	Methylene Chloride	ND	
	200	trans-1,2-Dichloroethene	ND	
	200	1,1-Dichloroethane	ND	
	200	Chloroform	ND	
	200	1,1,1-Trichloroethane	ND	
	200	Carbon Tetrachloride	ND	
	200	1,2-Dichloroethane	ND	
	200	Trichloroethene	ND	
	200	1,2-Dichloropropane	ND	
	200	Bromodichloromethane	ND	
	200	Dibromomethane	ND	
	200	2-Chloroethylvinyl ether	ND	
	200	trans-1,3-Dichloropropene	ND	
	200	cis-1,3-Dichloropropene	ND	
	200	1,1,2-Trichloroethane	ND	
	200	Tetrachloroethene	ND	
	200	Dibromochloromethane	ND	
	200	1,2-Dibromoethane	ND	
	200	1,1,1,2-Tetrachloroethane	ND	
	200	Chlorobenzene	ND	
	200	Bromoform	ND	
	200	1,1,2,2-Tetrachloroethane	ND	
	200	1,2,3-Trichloropropane	ND	
	200	Bromobenzene	ND	
	200	2-Chlorotoluene	ND	
	200	1,3-Dichlorobenzene	ND	

GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue
Modesto, CA 95351

Phone (209) 572-0900
FAX (209) 572-0916

CERTIFICATE OF ANALYSIS
8010

Report #: I153-05

Sample ID: SC-S 1,2,3,4

Lab ID: I20533

Method	Detection Limit	Analyte	Results	Units µg/Kg
	200	1,4-Dichlorobenzene	ND	
	200	1,2-Dichlorobenzene	ND	

Detection limits are elevated due to the presence of hydrocarbons.

Richard Meissner
Chemist

Certification # 1157

Donna Keller
Laboratory Director

GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue
Modesto, CA 95351

Phone (209) 572-0900
FAX (209) 572-0916

CERTIFICATE OF ANALYSIS
8010

Report # I153-05

ChromaLab
1220 Quarry Lane
Pleasanton CA 94566 - 4756

Date Sampled 05/27/97

Date of Report: 06/03/97
Date Received: 06/02/97
Date Started : 06/02/97
Date Completed: 06/03/97

Project Name:
Project # 9705398
Sample ID: SC-E 1,2,3,4
Lab ID: I20534

Method	Detection Limit	Analyte	Results	Units µg/Kg
8010	200	Dichlorodifluoromethane	ND	
	200	Chloromethane	ND	
	200	Vinyl Chloride	ND	
	200	Bromomethane	ND	
	200	Chloroethane	ND	
	200	Trichlorofluoromethane	ND	
	200	1,1-Dichloroethene	ND	
	200	Methylene Chloride	ND	
	200	trans-1,2-Dichloroethene	ND	
	200	1,1-Dichloroethane	ND	
	200	Chloroform	ND	
	200	1,1,1-Trichloroethane	ND	
	200	Carbon Tetrachloride	ND	
	200	1,2-Dichloroethane	ND	
	200	Trichloroethene	ND	
	200	1,2-Dichloropropane	ND	
	200	Bromodichloromethane	ND	
	200	Dibromomethane	ND	
	200	2-Chloroethylvinyl ether	ND	
	200	trans-1,3-Dichloropropene	ND	
	200	cis-1,3-Dichloropropene	ND	
	200	1,1,2-Trichloroethane	ND	
	200	Tetrachloroethene	ND	
	200	Dibromochloromethane	ND	
	200	1,2-Dibromoethane	ND	
	200	1,1,1,2-Tetrachloroethane	ND	
	200	Chlorobenzene	ND	
	200	Bromoform	ND	
	200	1,1,2,2-Tetrachloroethane	ND	
	200	1,2,3-Trichloropropane	ND	
	200	Bromobenzene	ND	
	200	2-Chlorotoluene	ND	
	200	1,3-Dichlorobenzene	ND	

GeoAnalytical Laboratories, Inc.

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FAX (209) 572-0916

CERTIFICATE OF ANALYSIS

8010

Report# I153-05

ChromaLab
1220 Quarry Lane
Pleasanton CA 94566 - 4756

Date Sampled 05/27/97

Date of Report: 06/03/97
Date Received: 06/02/97
Date Started : 06/02/97
Date Completed: 06/03/97

Project Name:
Project# 9705398
Sample ID: SC-W 1,2,3,4
Lab ID: I20535

Method	Detection Limit	Analyte	Results	Units µg/Kg
8010	200	Dichlorodifluoromethane	ND	
	200	Chloromethane	ND	
	200	Vinyl Chloride	ND	
	200	Bromomethane	ND	
	200	Chloroethane	ND	
	200	Trichlorofluoromethane	ND	
	200	1,1-Dichloroethene	ND	
	200	Methylene Chloride	ND	
	200	trans-1,2-Dichloroethene	ND	
	200	1,1-Dichloroethane	ND	
	200	Chloroform	ND	
	200	1,1,1-Trichloroethane	ND	
	200	Carbon Tetrachloride	ND	
	200	1,2-Dichloroethane	ND	
	200	Trichloroethene	ND	
	200	1,2-Dichloropropane	ND	
	200	Bromodichloromethane	ND	
	200	Dibromomethane	ND	
	200	2-Chloroethylvinyl ether	ND	
	200	trans-1,3-Dichloropropene	ND	
	200	cis-1,3-Dichloropropene	ND	
	200	1,1,2-Trichloroethane	ND	
	200	Tetrachloroethene	ND	
	200	Dibromochloromethane	ND	
	200	1,2-Dibromoethane	ND	
	200	1,1,1,2-Tetrachloroethane	ND	
	200	Chlorobenzene	ND	
	200	Bromoform	ND	
	200	1,1,2,2-Tetrachloroethane	ND	
	200	1,2,3-Trichloropropane	ND	
	200	Bromobenzene	ND	
	200	2-Chlorotoluene	ND	
	200	1,3-Dichlorobenzene	ND	

Chemist

Certification # 1152

Laboratory Director

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: **Surrogate** report for 8 samples for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod
Lab Run#: 7005
Matrix: SOIL

Sample#	Client Sample ID	Surrogate	% Recovered	Recovery Limits
132893-1	S1	TRIFLUOROTOLUENE	138	65-135
132893-1	S1	4-BROMOFLUOROBENZENE	145	65-135
132895-1	S3	TRIFLUOROTOLUENE	7.47	65-135
132895-1	S3	4-BROMOFLUOROBENZENE	154	65-135
132896-1	S4	TRIFLUOROTOLUENE	93.2	65-135
132896-1	S4	4-BROMOFLUOROBENZENE	119	65-135
132897-1	S5	TRIFLUOROTOLUENE	9.06	65-135
132897-1	S5	4-BROMOFLUOROBENZENE	9.75	65-135
132897-2	S5	TRIFLUOROTOLUENE	185	65-135
132897-2	S5	4-BROMOFLUOROBENZENE	116	65-135
132898-1	S6	TRIFLUOROTOLUENE	3.22	65-135
132898-1	S6	4-BROMOFLUOROBENZENE	30.0	65-135
132899-1	S7	TRIFLUOROTOLUENE	7.21	65-135
132899-1	S7	4-BROMOFLUOROBENZENE	15.2	65-135
132899-2	S7	TRIFLUOROTOLUENE	88.0	65-135
132899-2	S7	4-BROMOFLUOROBENZENE	79.6	65-135
132900-1	S8	TRIFLUOROTOLUENE	88.5	65-135
132900-1	S8	4-BROMOFLUOROBENZENE	159	65-135
132904-1	SS4	TRIFLUOROTOLUENE	--	65-135
132904-1	SS4	4-BROMOFLUOROBENZENE	200	65-135

Sample#	QC Sample Type	Surrogate	% Recovered	Recovery Limits
133256-1	*Reagent blank (MDB)*	TRIFLUOROTOLUENE	79.9	65-135
133256-1	*Reagent blank (MDB)*	4-BROMOFLUOROBENZENE	117	65-135
133257-1	*Spiked blank (BSP)*	TRIFLUOROTOLUENE	82.8	65-135
133257-1	*Spiked blank (BSP)*	4-BROMOFLUOROBENZENE	82.3	65-135
133258-1	*Spiked blank duplicate (BSD)*	TRIFLUOROTOLUENE	80.4	65-135
133258-1	*Spiked blank duplicate (BSD)*	4-BROMOFLUOROBENZENE	120	65-135

V132
QCSURR1229 ALEXANDM 27-May-97

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: **Surrogate** report for 5 samples for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod
Lab Run#: 7004
Matrix: SOIL

Sample#	Client Sample ID	Surrogate	% Recovered	Recovery Limits
132894-1	S2	TRIFLUOROTOLUENE	103	65-135
132894-1	S2	4-BROMOFLUOROBENZENE	136	65-135
132901-1	SS1	TRIFLUOROTOLUENE	201	65-135
132901-1	SS1	4-BROMOFLUOROBENZENE	1360	65-135
132901-2	SS1	TRIFLUOROTOLUENE	82.6	65-135
132901-2	SS1	4-BROMOFLUOROBENZENE	244	65-135
132901-3	SS1	TRIFLUOROTOLUENE	125	65-135
132901-3	SS1	4-BROMOFLUOROBENZENE	85.0	65-135
132902-1	SS2	TRIFLUOROTOLUENE	83.4	65-135
132902-1	SS2	4-BROMOFLUOROBENZENE	75.8	65-135
132903-1	SS3	TRIFLUOROTOLUENE	85.4	65-135
132903-1	SS3	4-BROMOFLUOROBENZENE	64.0	65-135
132903-2	SS3	TRIFLUOROTOLUENE	88.4	65-135
132903-2	SS3	4-BROMOFLUOROBENZENE	74.8	65-135
132905-1	SS5	TRIFLUOROTOLUENE	1230	65-135
132905-1	SS5	4-BROMOFLUOROBENZENE	--	65-135
132905-2	SS5	TRIFLUOROTOLUENE	92.2	65-135
132905-2	SS5	4-BROMOFLUOROBENZENE	338	65-135

Sample#	QC Sample Type	Surrogate	% Recovered	Recovery Limits
133252-1	*Reagent blank (MDB)*	TRIFLUOROTOLUENE	105	65-135
133252-1	*Reagent blank (MDB)*	4-BROMOFLUOROBENZENE	86.6	65-135
133253-1	*Spiked blank (BSP)*	TRIFLUOROTOLUENE	104	65-135
133253-1	*Spiked blank (BSP)*	4-BROMOFLUOROBENZENE	117	65-135

V132
QCSURR1229 ALEXANDM 27-May-97

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705331

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: **Surrogate** report for 3 samples for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod
Lab Run#: 7006
Matrix: SOIL

Sample#	Client Sample ID	Surrogate	% Recovered	Recovery Limits
133010-1	SC-S1,2,3,4	TRIFLUOROTOLUENE	215	65-135
133010-1	SC-S1,2,3,4	4-BROMOFLUOROBENZENE	251	65-135
133012-1	SC-N1,2,3,4	TRIFLUOROTOLUENE	40.2	65-135
133012-1	SC-N1,2,3,4	4-BROMOFLUOROBENZENE	429	65-135
133014-1	S9	TRIFLUOROTOLUENE	70.0	65-135
133014-1	S9	4-BROMOFLUOROBENZENE	358	65-135

Sample#	QC Sample Type	Surrogate	% Recovered	Recovery Limits
133259-1	*Reagent blank (MDB)*	TRIFLUOROTOLUENE	79.9	65-135
133259-1	*Reagent blank (MDB)*	4-BROMOFLUOROBENZENE	117	65-135
133260-1	*Spiked blank (BSP)*	TRIFLUOROTOLUENE	82.8	65-135
133260-1	*Spiked blank (BSP)*	4-BROMOFLUOROBENZENE	82.3	65-135
133261-1	*Spiked blank duplicate (BSD)*	TRIFLUOROTOLUENE	80.4	65-135
133261-1	*Spiked blank duplicate (BSD)*	4-BROMOFLUOROBENZENE	120	65-135

V132
QCSURR1229 ALEXANDM 27-May-97

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CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997 *Submission #:* 9705331

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL *Project#:* 01-0397
Received: May 22, 1997

re: **Surrogate** report for 2 samples for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod
Lab Run#: 7004
Matrix: SOIL

Sample#	Client Sample ID	Surrogate	% Recovered	Recovery Limits
133011-1	SC-W1,2,3,4	TRIFLUOROTOLUENE	85.5	65-135
133011-1	SC-W1,2,3,4	4-BROMOFLUOROBENZENE	89.8	65-135
133011-2	SC-W1,2,3,4	TRIFLUOROTOLUENE	296	65-135
133011-2	SC-W1,2,3,4	4-BROMOFLUOROBENZENE	239	65-135
133013-1	SC-E1,2,3,4	TRIFLUOROTOLUENE	83.3	65-135
133013-1	SC-E1,2,3,4	4-BROMOFLUOROBENZENE	118	65-135
133013-2	SC-E1,2,3,4	TRIFLUOROTOLUENE	182	65-135
133013-2	SC-E1,2,3,4	4-BROMOFLUOROBENZENE	102	65-135

Sample#	QC Sample Type	Surrogate	% Recovered	Recovery Limits
133252-1	*Reagent blank (MDB)*	TRIFLUOROTOLUENE	105	65-135
133252-1	*Reagent blank (MDB)*	4-BROMOFLUOROBENZENE	86.6	65-135
133253-1	*Spiked blank (BSP)*	TRIFLUOROTOLUENE	104	65-135
133253-1	*Spiked blank (BSP)*	4-BROMOFLUOROBENZENE	117	65-135

V132
QCSURR1229 ALEXANDM 27-May-97

CHROMALAB, INC.

Environmental Services (SDB)

June 2, 1997

Submission #: 9705407

MICROSEARCH ENVIRONMENTAL

Atten: Truman Kwok

Project: MSC UST REMOVAL
Received: May 28, 1997

Project#: 01-0397

re: **Surrogate** report for 1 sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod
Lab Run#: 7091
Matrix: SOIL

Sample#	Client Sample ID	Surrogate	% Recovered	Recovery Limits
133677-1	SC-3-1,2,3,4	TRIFLUOROTOLUENE	88.7	65-135
133677-1	SC-3-1,2,3,4	4-BROMOFLUOROBENZENE	209	65-135

Sample#	QC Sample Type	Surrogate	% Recovered	Recovery Limits
134077-1	*Reagent blank (MDB)*	TRIFLUOROTOLUENE	67.6	65-135
134077-1	*Reagent blank (MDB)*	4-BROMOFLUOROBENZENE	103	65-135
134078-1	*Spiked blank (BSP)*	TRIFLUOROTOLUENE	74.1	65-135
134078-1	*Spiked blank (BSP)*	4-BROMOFLUOROBENZENE	91.8	65-135
134079-1	*Spiked blank duplicate (BSD)*	TRIFLUOROTOLUENE	73.9	65-135
134079-1	*Spiked blank duplicate (BSD)*	4-BROMOFLUOROBENZENE	122	65-135

V1.32
QCSURR1229 ALEXANDM 02-Jan-97

CHROMALAB, INC.

Environmental Services (SDB)

May 27, 1997

Submission #: 9705319

MICROSEARCH ENVIRONMENTAL

Attn: Truman Kwok

Project: MSC UST REMOVAL
Received: May 22, 1997

Project#: 01-0397

re: **Surrogate** report for 1 sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod
Lab Run#: 7009
Matrix: WATER

Sample#	Client Sample ID	Surrogate	% Recovered	Recovery Limits
132906-1	W1	TRIFLUOROTOLUENE	52.3	65-135
132906-1	W1	4-BROMOFLUOROBENZENE	65.6	65-135
132906-2	W1	TRIFLUOROTOLUENE	76.4	65-135
132906-2	W1	4-BROMOFLUOROBENZENE	106	65-135

Sample#	QC Sample Type	Surrogate	% Recovered	Recovery Limits
133270-1	Reagent blank (MDB)	TRIFLUOROTOLUENE	78.2	65-135
133270-1	Reagent blank (MDB)	4-BROMOFLUOROBENZENE	107	65-135
133271-1	Spiked blank (BSP)	TRIFLUOROTOLUENE	79.8	65-135
133271-1	Spiked blank (BSP)	4-BROMOFLUOROBENZENE	104	65-135
133272-1	Matrix spike (MS)	TRIFLUOROTOLUENE	88.9	65-135
133272-1	Matrix spike (MS)	4-BROMOFLUOROBENZENE	95.9	65-135
133273-1	Matrix spike duplicate (MSD)	TRIFLUOROTOLUENE	93.7	65-135
133273-1	Matrix spike duplicate (MSD)	4-BROMOFLUOROBENZENE	96.9	65-135

V132
QCSURR1229 ALEXANDM 27-May-97

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

MICROSEARCH ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

MicroSearch Environmental
318 Harrison Street, Suite 1A
Oakland, CA 94607
(510) 452-5500
Fax: (510) 452-5510

SHIP TO: Cromalab, Inc.,

ATTENTION Mr. Pierce PHONE (510) 484-1919

Project Number	Project Name	Project Manager
01-0397	MSC UST Removal	Truman Kwok

Sampler Signature: T. Kwok Truman Kwok

Field Team Leader: Truman Kwok

SAMPLE NUMBER	DATE	SAMPLER NAME	SAMPLER NUMBER	SAMPLE MATRIX / DESCRIPTION	LOCATION FROM	NUMBER OF CONTAINERS			REMARKS
S1	5/21/97	T. Kwok		soil	East pit 1	1 brass Tube			
S2	"	"		soil	East pit 2	"			
S3	"	"		soil	South pit 1	"			
S4	"	"		soil	North pit 1	"			
S5	"	"		"	West pit 1	"			
S6	"	"		"	west pit 1	"			
S7	"	"		"	North pit 2	"			
S8	"	"		"	South pit 2	"			
S9	"	"		soil	pipe	"			

COMMENTS:

All samples are analyzed for TPHg, TPHd, BTEX, MTBE, Lead.

** 48 hr Turn around, need result at 9:00 am. on 5/27/97 **

Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Ship Via: UPS
T. Kwok	Truman	5/22 9:55			5-22-97 0855	
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Shipper No.

MICROSEARCH ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY RECORD

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SHIP TO: Cromalab, Inc

ATTENTION Mr. Pierce PHONE (510) 484-1919

Project Number	Project Name	Project Manager
01-0397	MSC UST Removal	Truman Kwok

Sampler	Signature	Field Team Leader
T. Kwok	Truman kwok	Truman Kwok

SAMPLE NUMBER	DATE	SAMPLER NAME	SAMPLER NUMBER	SAMPLE MATERIAL	INFORMATION DESCRIPTION	LOCATION FROM	NUMBER OF CONTAINERS	REMARKS
W1	5/21/97	T. Kwok		water		pit 1	2 vials, 1 bottle	
W2	"	"		water				
~~SS1~~ SS1	"	"		soil		soil stockpile	1 brass tube	
SS2	"	"		soil		soil stockpile	1 brass tube	
SS3	"	"		soil		soil stockpile	1 brass tube	
SS4	"	"		soil		"	1 brass tube	
SS5	"	"		soil		"	1 brass tube	

COMMENTS:

SS1, SS2, SS3, SS4, SS5 are discrete samples. analyzed for. ~~TPHG~~ TPHg, TPHd, BTEX MTBE, Lead.

W1 is analyzed for TPHg, TPHd, BTEX, MTBE, Lead.

** 48 hr Turn around, need result at 9:00 am on 5/27/97 **

Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Ship Via:
T. Kwok	Truman	5/22 9:5*			5-22-97 0955	UPS
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Shipper No.

MICROSEARCH ENVIRONMENTAL CORPORATION

MicroSearch Environmental
318 Harrison Street, Suite 1A
Oakland, CA 94607

(510) 452-5500
Fax: (510) 452-5510

CHAIN OF CUSTODY RECORD

SHIP TO: Cromalab

ATTENTION Pierce PHONE 484-1919

Project Number	Project Name	Project Manager
01-0397	MSC UST Removal	Truman Kwok

Sampler	Signature	Field Team Leader
T. Kwok	Truman Kwok	Truman Kwok

SAMPLER NUMBER	DATE	SAMPLER NAME	SAMPLER NUMBER	SAMPLE MATERIAL	INFORMATION DESCRIPTION	LOCATION FROM	NUMBER OF CONTAINERS	REMARKS
SC-S1,2,3,4	5/22/97	T. Kwok		stockpile soil sample		South side	4 brass tube	
SC-W1,2,3,4	"	"		"		West side	4 brass tube	
SC-N1,2,3,4	"	T. Kwok		"		North side	4 brass tube	
SC-E1,2,3,4	"	"		"		East side	4 brass tube	
S9	"	"		soil		pipe line	1 brass tube	

COMMENTS: SC-S1,2,3,4, SC-W1,2,3,4, SC-N1,2,3,4, SC-E1,2,3,4 are four set of 4point-composite samples, & S9. All samples are analyzed for TPHg, TPH-d, BTEX, MTBE, Lead.

** 24 hr Turn around. ** RUSH! Result back on Tuesday 5/27/97

Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	
Truman Kwok	Truman Kwok	5/22/14:35	Microsearch/FG		5/22/97 16:30	Ship Via: UPS
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Shipper No.

Cresulted

MICROSEARCH ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

MicroSearch Environmental
318 Harrison Street, Suite 1A
Oakland, CA 94607
(510) 452-5500
Fax: (510) 452-5510

SHIP TO: Cromalab.

ATTENTION: Pierce PHONE: 484-1919

Project Number: 01-0397
Project Name: MSC UST Removal
TWD# 10/94449-Prop-2664
Project Manager: Truman Kwok
Sampler: T. Kwok Signature: Truman Kwok
Field Team Leader: T. Kwok

SAMPLE NUMBER	DATE	SAMPLER NAME	SAMPLER NUMBER	SAMPLE MATERIAL INFORMATION DESCRIPTION	LOCATION FROM	NUMBER OF CONTAINERS			REMARKS
SC-3-1,2,3,4	5/28/97	T. Kwok		4-point composite soil	stockpile #3	4 brass Tube			

COMMENTS:

analyzed for TPHg, TPHd, BTEX, MTBE, Lead.

** 48 hr turn around **.

Lab Result should be back by Monday at 9AM ~~by Friday at~~ ~~Result back ... Mon 6 PM~~

Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	
T. Kwok	Truman Kwok	5/28 16:45	[illegible]	[illegible]	5/28/97 16:45	Ship Via: UPS
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Shipper No.

MICROSEARCH ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

MicroSearch Environmental
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Oakland, CA 94607
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Fax: (510) 452-5510

SHIP TO: CromaLab.

ATTENTION Pierce PHONE 484-1919

Project Number	Project Name	Project Manager
01-0397	MSC UST Removal	Truman Kwok

Sampler	Signature	Field Team Leader
T. Kwok	Trumankwok.	T. Kwok.

SAMPLE NUMBER	DATE	SAMPLER NAME	SAMPLER NUMBER	SAMPLE MATRIX / DESCRIPTION	LOCATION FROM	NUMBER OF CONTAINERS			REMARKS
SC-S1,2,3,4	5/28/99	T. Kwok		4-point composite soil	stockpile #2	4 brass tube			
SC-E1,2,3,4	"	"		"	"	4 brass tube			
SC-N1,2,3,4	"	"		"	"	"			
SC-W1,2,3,4	"	"		"	"	"			

COMMENTS: SC-S1,2,3,4 and SC-E1,2,3,4 is analyzed for STLC Lead.
SC-S1,2,3,4, SC-E1,2,3,4, SC-N1,2,3,4 and SC-W1,2,3,4 are analyzed for EPA 8010.
** 48 hr turn around ** Result back on Monday at 9:00AM

Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Ship Via: UPS
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Shipper No.

CHROMALAB, INC.

Environmental Services (SDB)

June 30, 1997

Submission #: 9706285

MICROSEARCH ENVIRONMENTAL

Attn: John Sutton

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-~~0597~~ 0397A

re: 2 samples for Oil and Grease analysis.
Method: *5520 E&F*

Sampled: June 23, 1997 *Matrix:* SOIL *Run#:* 7475 *Extracted:* June 25, 1997 *Analyzed:* June 25, 1997

Spl#	CLIENT SPL ID	OIL & GREASE (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
136844	010597-2	N.D.	83	N.D.	93.0	1

Sampled: June 23, 1997 *Matrix:* SOIL *Run#:* 7536 *Extracted:* June 30, 1997 *Analyzed:* June 30, 1997

Spl#	CLIENT SPL ID	OIL & GREASE (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
136845	010597-SP:A,B,C	N.D.	50	N.D.	97.0	1

Carolyn House
Extractions Supervisor

Chip Poalinelli
Operations Manager

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CHROMALAB, INC.

Environmental Services (SDB)

June 26, 1997

Submission #: 9706285

REISSUED FROM 06/25/97

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: 010497-FW
Spl#: 136846
Sampled: June 23, 1997

Matrix: SOIL
Run#: 7462

Analyzed: June 24, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	1800	270	N.D.	--	1000
MTBE	N.D.	5.0	N.D.	72	1000
BENZENE	8.9	1.1	N.D.	88	1000
TOLUENE	2.2	1.1	N.D.	89	1000
ETHYL BENZENE	N.D.	1.1	N.D.	93	1000
XYLENES	65	1.1	N.D.	95	1000

Note: Surrogate Recoveries biased high due to Hydrocarbon co-elution.

Kayvan Kimyai
Chemist

Marianne Alexander
Gas/BTEX Supervisor

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CHROMALAB, INC.

Environmental Services (SDB)

June 26, 1997

Submission #: 9706285

MICROSEARCH ENVIRONMENTAL

Attn: John Sutton

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: 2 samples for TPH - Diesel analysis.
Method: *EPA 8015M*

Sampled: June 23, 1997 *Matrix:* SOIL *Extracted:* June 24, 1997
Run#: 7435 *Analyzed:* June 25, 1997

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
136846	010497-FW	2.0	1.0	N.D.	82.8	1
	Note: Hydrocarbon reported does not match the pattern of our Diesel standard.					
136847	010497-FE	36	1.0	N.D.	82.8	1
	Note: Estimated concentration due to overlapping fuel patterns.					

Bruce Havlik
Chemist

Alex Tam
Semivolatiles Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

Submission #: 9706285

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: 010597-2
Spl#: 136844
Sampled: June 23, 1997

Matrix: SOIL
Run#: 7479

Analyzed: June 25, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	94	1
MTBE	N.D.	0.0050	N.D.	103	1
BENZENE	N.D.	0.0050	N.D.	101	1
TOLUENE	N.D.	0.0050	N.D.	104	1
ETHYL BENZENE	N.D.	0.0050	N.D.	104	1
XYLENES	N.D.	0.0050	N.D.	104	1

Kayvan Kimyai
Chemist

Marianne Alexander
Gas/BTEX Supervisor

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PM V132 O:BTEXQC0220
XAYVAN 17:08

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CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997 *Submission #:* 9706285

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: 010597-SP:A,B,C
Spl#: 136845 *Matrix:* SOIL
Sampled: June 23, 1997 *Run#:* 7479 *Analyzed:* June 25, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	94	1
MTBE	N.D.	0.0050	N.D.	103	1
BENZENE	N.D.	0.0050	N.D.	101	1
TOLUENE	N.D.	0.0050	N.D.	104	1
ETHYL BENZENE	N.D.	0.0050	N.D.	104	1
XYLENES	N.D.	0.0050	N.D.	104	1

Kayvan Kimyai
Chemist

Marianne Alexander
Gas/BTEX Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997 *Submission #:* 9706285

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: One sample for TEPH analysis.
Method: *EPA 8015M*

Client Sample ID: 010597-1
Spl#: 136842 *Matrix:* SOIL *Extracted:* June 24, 1997
Sampled: June 23, 1997 *Run#:* 7435 *Analyzed:* June 25, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
DIESEL	N.D.	1.0	N.D.	82.8	1
MOTOR OIL	N.D.	50	N.D.	--	1

Bruce Havlik
Chemist

Alex Tam
Semivolatiles Supervisor

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CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997 *Submission #:* 9706285

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: One sample for TEPH analysis.
Method: *EPA 8015M*

Client Sample ID: 010597-3
Spl#: 136843 *Matrix:* SOIL *Extracted:* June 24, 1997
Sampled: June 23, 1997 *Run#:* 7435 *Analyzed:* June 25, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
DIESEL	N.D.	2.0	N.D.	82.8	2
MOTOR OIL	100	50	N.D.	--	2

Bruce Havlik
Chemist

Alex Tam
Semivolatiles Supervisor

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CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997 *Submission #:* 9706285

MICROSEARCH ENVIRONMENTAL

Attn: Ron Brown

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: 010597-2
Spl#: 136844 *Matrix:* SOIL *Extracted:* June 24, 1997
Sampled: June 23, 1997 *Run#:* 7463 *Analyzed:* June 24, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	53.8	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	63.3	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	71.2	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	61.4	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	--	1
NAPHTHALENE	N.D.	0.10	N.D.	58.8	1
4-CHLOROANILINE	N.D.	0.10	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.20	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.10	N.D.	--	1
2-METHYLNAPHTHALENE	N.D.	0.20	N.D.	55.3	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.10	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.50	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	--	1
2,4-DINITROPHENOL	N.D.	0.10	N.D.	61.5	1
4-NITROPHENOL	N.D.	0.50	N.D.	--	1
DIBENZOFURAN	N.D.	0.50	N.D.	53.3	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	--	1
2,6-DINITROTOLUENE	N.D.	0.10	N.D.	44.1	1
DIETHYL PHTHALATE	N.D.	0.20	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.50	N.D.	--	1
	N.D.	0.10	N.D.	--	1

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CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

Submission #: 9706285
page 2

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: *SW846 Method 8270A Nov 1990*

Client Sample ID: 010597-2
Spl#: 136844
Sampled: June 23, 1997

Matrix: SOIL
Run#: 7463

Extracted: June 24, 1997
Analyzed: June 24, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
N-NITROSO-DI-N-PHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	58.3	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	53.5	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Chemist

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997 *Submission #:* 9706285

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: **Surrogate** report for 1 sample for Semivolatile Organics (B/NAs)
Method: SW846 Method 8270A Nov 1990
Lab Run#: 7463
Matrix: SOIL

Sample#	Client Sample ID	Surrogate	% Recovered	Recovery Limits
136844-1	010597-2	NITROBENZENE-D5	61.2	23-120
136844-1	010597-2	2-FLUOROBIPHENYL	53.7	30-115
136844-1	010597-2	P-TERPHENYL-D14	53.9	18-137
136844-1	010597-2	PHENOL-D5	62.9	24-113
136844-1	010597-2	2-FLUOROPHENOL	57.4	25-121
136844-1	010597-2	2,4,6-TRIBROMOPHENOL	65.7	19-122

Sample#	QC Sample Type	Surrogate	% Recovered	Recovery Limits
137032-1	Reagent blank (MDB)	NITROBENZENE-D5	68.2	23-120
137032-1	Reagent blank (MDB)	2-FLUOROBIPHENYL	71.1	30-115
137032-1	Reagent blank (MDB)	P-TERPHENYL-D14	64.9	18-137
137032-1	Reagent blank (MDB)	PHENOL-D5	74.2	24-113
137032-1	Reagent blank (MDB)	2-FLUOROPHENOL	64.6	25-121
137032-1	Reagent blank (MDB)	2,4,6-TRIBROMOPHENOL	80.6	19-122
137033-1	Spiked blank (BSP)	NITROBENZENE-D5	71.8	23-120
137033-1	Spiked blank (BSP)	2-FLUOROBIPHENYL	66.7	30-115
137033-1	Spiked blank (BSP)	P-TERPHENYL-D14	62.2	18-137
137033-1	Spiked blank (BSP)	PHENOL-D5	75.3	24-113
137033-1	Spiked blank (BSP)	2-FLUOROPHENOL	63.8	25-121
137033-1	Spiked blank (BSP)	2,4,6-TRIBROMOPHENOL	75.3	19-122
137034-1	Spiked blank duplicate (BSD)	NITROBENZENE-D5	62.7	23-120
137034-1	Spiked blank duplicate (BSD)	2-FLUOROBIPHENYL	62.8	30-115
137034-1	Spiked blank duplicate (BSD)	P-TERPHENYL-D14	55.0	18-137
137034-1	Spiked blank duplicate (BSD)	PHENOL-D5	62.3	24-113
137034-1	Spiked blank duplicate (BSD)	2-FLUOROPHENOL	59.0	25-121
137034-1	Spiked blank duplicate (BSD)	2,4,6-TRIBROMOPHENOL	68.8	19-122
137035-1	Matrix spike (MS)	NITROBENZENE-D5	79.4	23-120
137035-1	Matrix spike (MS)	2-FLUOROBIPHENYL	79.1	30-115
137035-1	Matrix spike (MS)	P-TERPHENYL-D14	75.1	18-137
137035-1	Matrix spike (MS)	PHENOL-D5	72.4	24-113

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QCSURR1228 MIKELEE 26-Jun-97 12

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CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

Submission #: 9706285
page 2

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: **Surrogate** report for 1 sample for Semivolatile Organics (B/NAs)
Method: SW846 Method 8270A Nov 1990
Lab Run#: 7463

137035-1	*Matrix spike (MS)*		2-FLUOROPHENOL	77.3	25-121
137035-1	*Matrix spike (MS)*		2,4,6-TRIBROMOPHENOL	90.4	19-122
137036-1	*Matrix spike duplicate*	*(MSD)*	NITROBENZENE-D5	88.4	23-120
137036-1	*Matrix spike duplicate*	*(MSD)*	2-FLUOROBIPHENYL	84.3	30-115
137036-1	*Matrix spike duplicate*	*(MSD)*	P-TERPHENYL-D14	73.4	18-137
137036-1	*Matrix spike duplicate*	*(MSD)*	PHENOL-D5	84.6	24-113
137036-1	*Matrix spike duplicate*	*(MSD)*	2-FLUOROPHENOL	80.7	25-121
137036-1	*Matrix spike duplicate*	*(MSD)*	2,4,6-TRIBROMOPHENOL	99.8	19-122

S101
QCSURR1229 MIKELEE 25-Jun-97 12

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CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997 *Submission #:* 9706285

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: One sample for Miscellaneous Metals analysis.
Method: *EPA 3050A/6010A Nov 1990*

Client Sample ID: 010597-2
Spl#: 136844 *Matrix:* SOIL *Extracted:* June 24, 1997
Sampled: June 23, 1997 *Run#:* 7456 *Analyzed:* June 25, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	101	1
CHROMIUM	38	1.0	N.D.	101	1
LEAD	12	1.0	N.D.	102	1
NICKEL	50	1.0	N.D.	100	1
ZINC	80	1.0	N.D.	101	1

Christopher Arndt
Chemist

John S. Labash
Inorganics Supervisor

510-452-5510 PM 08/25

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MD10 0:000496 JOHN 15:32

CHROMALAB, INC.

Environmental Services (SDB)

July 1, 1997 *Submission #:* 9706285

MICROSEARCH ENVIRONMENTAL

Attn: John Sutton

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: One sample for TEPH analysis.
Method: *EPA 8015M*

Client Sample ID: **010597-SP:A,B,C**
Spl#: 136845 *Matrix:* SOIL *Extracted:* June 27, 1997
Sampled: June 23, 1997 *Run#:* 7538 *Analyzed:* June 28, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
DIESEL	N.D.	1.0	N.D.	97.9	1
MOTOR OIL	110	50	N.D.	--	1

Bruce Havlik
Chemist

Alex Tam
Semivolatiles Supervisor

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CHROMALAB, INC.

Environmental Services (SDB)

July 3, 1997 *Submission #:* 9706285

MICROSEARCH ENVIRONMENTAL

Atten: John Sutton

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: One sample for Miscellaneous Metals analysis.
Method: *EPA 3010A/6010A Nov 1990*

Client Sample ID: **010497-FW**
Spl#: 137198 *Matrix:* SOIL *Extracted:* June 27, 1997
Sampled: June 23, 1997 *Run#:* 7523 *Analyzed:* June 30, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
LEAD	11	1.0	N.D.	107	1

Shafi Barekzai
Chemist

John S. Labash
Inorganics Supervisor

510-452-5510 FAX 07/03

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

July 3, 1997 *Submission #:* 9706285

MICROSEARCH ENVIRONMENTAL

Atten: John Sutton

Project: MSC-TANKS 12 & 13 *Project#:* 01-0597
Received: June 23, 1997

re: One sample for Miscellaneous Metals analysis.
Method: *EPA 3010A/6010A Nov 1990*

Client Sample ID: **010497-FE**
Spl#: 137199 *Matrix:* SOIL *Extracted:* June 27, 1997
Sampled: June 23, 1997 *Run#:* 7523 *Analyzed:* June 30, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
LEAD	17	1.0	N.D.	107	1

Shafi Barekzai
Chemist

John S. Labash
Inorganics Supervisor

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

MICROSEARCH ENVIRONMENTAL

Submission #: 9706285

Atten: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: 010597-2
Spl#: 136844
Sampled: June 23, 1997

Matrix: SOIL
Run#: 7479

Analyzed: June 25, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	94	1
MTBE	N.D.	0.0050	N.D.	103	1
BENZENE	N.D.	0.0050	N.D.	101	1
TOLUENE	N.D.	0.0050	N.D.	104	1
ETHYL BENZENE	N.D.	0.0050	N.D.	104	1
XYLENES	N.D.	0.0050	N.D.	104	1

Kayvan Kimyai
Chemist

Marianne Alexander
Gas/BTEX Supervisor

510-452-5510

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(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

FM V132 O:BTEXQC0220
KAYVAN 17:09

Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

June 26, 1997

MICROSEARCH ENVIRONMENTAL

Submission #: 9706285
REISSUED FROM 06/25/97

Atten: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: 010497-FW
Spl#: 136846
Sampled: June 23, 1997

Matrix: SOIL
Run#: 7462

Analyzed: June 24, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	1800	270	N.D.	--	1000
MTBE	N.D.	5.0	N.D.	72	1000
BENZENE	8.9	1.1	N.D.	88	1000
TOLUENE	2.2	1.1	N.D.	89	1000
ETHYL BENZENE	N.D.	1.1	N.D.	93	1000
XYLENES	65	1.1	N.D.	95	1000

Note: Surrogate Recoveries biased high due to Hydrocarbon co-elution.

Kayvan Kimyai
Chemist

Marianne Alexander
Gas/BTEX Supervisor

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(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

FILE: O:\BTEX\QC0220
KAYVAN 06-03

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

Submission #: 9706285

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: One sample for Gasoline BTEX MTBE analysis.
Method: SW846 8020A Nov 1990 / 8015Mod

Client Sample ID: 010497-FE
Spl#: 136847
Sampled: June 23, 1997

Matrix: SOIL
Run#: 7479

Analyzed: June 25, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
GASOLINE	N.D.	1.0	N.D.	94	1
MTBE	0.016	0.0050	N.D.	103	1
BENZENE	0.0094	0.0050	N.D.	101	1
TOLUENE	0.012	0.0050	N.D.	104	1
ETHYL BENZENE	0.032	0.0050	N.D.	104	1
XYLENES	0.074	0.0050	N.D.	104	1

Note: Estimated concentration for gasoline due to overlapping fuel patterns. Concentration was quantified by using Gasoline's response factor, concentration is equal to 15mg/Kg.

Kayvan Kimyai
Chemist

Marianne Alexander
Gas/BTEX Supervisor

510-452-5510

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Federal ID #68-0140157

PM Y132 O: BTEX0C0220
KAYVAN 17:22

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

Submission #: 9706285

MICROSEARCH ENVIRONMENTAL

Attn: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997 *Project#:* 01-0597

re: One sample for TEPH analysis.
Method: EPA 8015M

Client Sample ID: 010597-1
Spl#: 136842
Sampled: June 23, 1997 *Matrix:* SOIL
Run#: 7435 *Extracted:* June 24, 1997
Analyzed: June 25, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
DIESEL	N.D.	1.0	N.D.	82.8	1
MOTOR OIL	N.D.	50	N.D.	--	1

Bruce Havlik
Chemist

Alex Tam
Semivolatiles Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

Submission #: 9706285

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: One sample for TEPH analysis.
Method: EPA 8015M

Client Sample ID: 010597-3
Spl#: 136843
Sampled: June 23, 1997

Matrix: SOIL
Run#: 7435

Extracted: June 24, 1997
Analyzed: June 25, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
DIESEL	N.D.	2.0	N.D.	82.8	2
MOTOR OIL	100	50	N.D.	--	2

Bruce Havlik
Chemist

Alex Tam
Semivolatiles Supervisor

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

MICROSEARCH ENVIRONMENTAL

Submission #: 9706285

Atten: Ron Brown

Project: MSC-TANKS 12 & 13

Received: June 23, 1997

Project#: 01-0597

re: 3 samples for TPH - Diesel analysis.

Method: EPA 8015M

Sampled: June 23, 1997

Matrix: SOIL

Run#: 7435

Extracted: June 24, 1997

Analyzed: June 25, 1997

Spl#	CLIENT SPL ID	DIESEL (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
136844	010597-2	N.D.	1.0	N.D.	82.8	1
136846	010497-FW	2.0	1.0	N.D.	82.8	1
	Note: Hydrocarbon reported does not match the pattern of our Diesel standard.					
136847	010497-FE	36	1.0	N.D.	82.8	1
	Note: Estimated concentration due to overlapping fuel patterns.					

Bruce Havlik
Chemist

Alex Tam
Semivolatiles Supervisor

510-452-5510

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

Submission #: 9706285

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: One sample for Semivolatile Organics (B/NAs) analysis.
Method: SW846 Method 8270A Nov 1990

Client Sample ID: 010597-2
Spl#: 136844
Sampled: June 23, 1997

Matrix: SOIL
Run#: 7463

Extracted: June 24, 1997
Analyzed: June 24, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
PHENOL	N.D.	0.10	N.D.	53.8	1
BIS(2-CHLOROETHYL)ETHER	N.D.	0.10	N.D.	--	1
2-CHLOROPHENOL	N.D.	0.10	N.D.	63.3	1
1,3-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
1,4-DICHLOROBENZENE	N.D.	0.10	N.D.	71.2	1
BENZYL ALCOHOL	N.D.	0.20	N.D.	--	1
1,2-DICHLOROBENZENE	N.D.	0.10	N.D.	--	1
2-METHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROISOPROPYL)ETHER	N.D.	0.10	N.D.	--	1
4-METHYLPHENOL	N.D.	0.20	N.D.	--	1
N-NITROSO-DI-N-PROPYLAMINE	N.D.	0.10	N.D.	61.4	1
HEXACHLOROETHANE	N.D.	0.10	N.D.	--	1
NITROBENZENE	N.D.	0.10	N.D.	--	1
ISOPHORONE	N.D.	0.10	N.D.	--	1
2-NITROPHENOL	N.D.	0.10	N.D.	--	1
2,4-DIMETHYLPHENOL	N.D.	0.10	N.D.	--	1
BIS(2-CHLOROETHOXY)METHANE	N.D.	0.10	N.D.	--	1
2,4-DICHLOROPHENOL	N.D.	0.10	N.D.	--	1
1,2,4-TRICHLOROBENZENE	N.D.	0.10	N.D.	--	1
NAPHTHALENE	N.D.	0.10	N.D.	58.8	1
4-CHLOROANILINE	N.D.	0.10	N.D.	--	1
HEXACHLOROBUTADIENE	N.D.	0.20	N.D.	--	1
4-CHLORO-3-METHYLPHENOL	N.D.	0.10	N.D.	--	1
2-METHYLNAPHTHALENE	N.D.	0.20	N.D.	55.3	1
HEXACHLOROCYCLOPENTADIENE	N.D.	0.10	N.D.	--	1
2,4,6-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2,4,5-TRICHLOROPHENOL	N.D.	0.10	N.D.	--	1
2-CHLORONAPHTHALENE	N.D.	0.10	N.D.	--	1
2-NITROANILINE	N.D.	0.10	N.D.	--	1
DIMETHYL PHTHALATE	N.D.	0.50	N.D.	--	1
ACENAPHTHYLENE	N.D.	0.50	N.D.	--	1
3-NITROANILINE	N.D.	0.10	N.D.	--	1
ACENAPHTHENE	N.D.	0.10	N.D.	--	1
2,4-DINITROPHENOL	N.D.	0.10	N.D.	61.5	1
4-NITROPHENOL	N.D.	0.50	N.D.	--	1
DIBENZOFURAN	N.D.	0.50	N.D.	53.3	1
2,4-DINITROTOLUENE	N.D.	0.10	N.D.	--	1
2,6-DINITROTOLUENE	N.D.	0.10	N.D.	44.1	1
DIETHYL PHTHALATE	N.D.	0.20	N.D.	--	1
4-CHLOROPHENYL PHENYL ETHER	N.D.	0.50	N.D.	--	1
	N.D.	0.10	N.D.	--	1

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Federal ID #68-0140157

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

MICROSEARCH ENVIRONMENTAL

Submission #: 9706285
page 2

Atten: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: One sample for Semivolatile Organics (B/NAs) analysis, continued.
Method: SW846 Method 8270A Nov 1990

Client Sample ID: 010597-2
Spl#: 136844
Sampled: June 23, 1997

Matrix: SOIL
Run#: 7463

Extracted: June 24, 1997
Analyzed: June 24, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
FLUORENE	N.D.	0.10	N.D.	--	1
4-NITROANILINE	N.D.	0.50	N.D.	--	1
2-METHYL-4,6-DINITROPHENOL	N.D.	0.50	N.D.	--	1
N-NITROSO-DI-N-PHENYLAMINE	N.D.	0.10	N.D.	--	1
4-BROMOPHENYL PHENYL ETHER	N.D.	0.10	N.D.	--	1
HEXACHLOROBENZENE	N.D.	0.10	N.D.	--	1
PENTACHLOROPHENOL	N.D.	0.50	N.D.	58.3	1
PHENANTHRENE	N.D.	0.10	N.D.	--	1
ANTHRACENE	N.D.	0.10	N.D.	--	1
DI-N-BUTYL PHTHALATE	N.D.	2.0	N.D.	--	1
FLUORANTHENE	N.D.	0.10	N.D.	--	1
PYRENE	N.D.	0.10	N.D.	53.5	1
BUTYL BENZYL PHTHALATE	N.D.	0.50	N.D.	--	1
3,3'-DICHLOROBENZIDINE	N.D.	0.20	N.D.	--	1
BENZO(A)ANTHRACENE	N.D.	0.10	N.D.	--	1
BIS(2-ETHYLHEXYL)PHTHALATE	N.D.	0.50	N.D.	--	1
CHRYSENE	N.D.	0.10	N.D.	--	1
DI-N-OCTYL PHTHALATE	N.D.	0.50	N.D.	--	1
BENZO(B)FLUORANTHENE	N.D.	0.10	N.D.	--	1
BENZO(K)FLUORANTHENE	N.D.	0.20	N.D.	--	1
BENZO(A)PYRENE	N.D.	0.050	N.D.	--	1
INDENO(1,2,3 C,D)PYRENE	N.D.	0.20	N.D.	--	1
DIBENZO(A,H)ANTHRACENE	N.D.	0.20	N.D.	--	1
BENZO(G,H,I)PERYLENE	N.D.	0.20	N.D.	--	1
BENZOIC ACID	N.D.	0.50	N.D.	--	1

Michael Lee
Chemist

Chip Poalinelli
Operations Manager

510-452-5510

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

Submission #: 9706285

MICROSEARCH ENVIRONMENTAL

Attn: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: 1 sample for Oil and Grease analysis.
Method: 5520 E&F

Sampled: June 23, 1997

Matrix: SOIL
Run#: 7475

Extracted: June 25, 1997
Analyzed: June 25, 1997

Spl#	CLIENT SPL ID	OIL & GREASE (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
136844	010597-2	N.D.	83	N.D.	93.0	1

Carolyn House
Extractions Supervisor

Chip Poalinelli
Operations Manager

CHROMALAB, INC.

Environmental Services (SDB)

June 25, 1997

Submission #: 9706285

MICROSEARCH ENVIRONMENTAL

Atten: Ron Brown

Project: MSC-TANKS 12 & 13
Received: June 23, 1997

Project#: 01-0597

re: One sample for Miscellaneous Metals analysis.
Method: EPA 3050A/6010A Nov 1990

Client Sample ID: 010597-2
Spl#: 136844
Sampled: June 23, 1997

Matrix: SOIL
Run#: 7456

Extracted: June 24, 1997
Analyzed: June 25, 1997

ANALYTE	RESULT (mg/Kg)	REPORTING LIMIT (mg/Kg)	BLANK RESULT (mg/Kg)	BLANK SPIKE (%)	DILUTION FACTOR
CADMIUM	N.D.	0.50	N.D.	101	1
CHROMIUM	38	1.0	N.D.	101	1
LEAD	12	1.0	N.D.	102	1
NICKEL	50	1.0	N.D.	100	1
ZINC	80	1.0	N.D.	101	1

Christopher Arndt
Chemist

John S. Labash
Inorganics Supervisor

Separate Table.

1220 Quarry Lane • Pleasanton, California 94566-4756
(510) 484-1919 • Facsimile (510) 484-1096
Federal ID #68-0140157

CHROMALAB

Change request received by: Client

Date Requested: ___/___/___

SAMPLE STATUS CHANGE FORM

Submission#	Client Samp.ID	Old Status Description	Description of Changes	Requested by (Client's name)
9706285	010497-FW 010497-FE	LOGGED ON 48 HR TA	CHANGED TO 5 DAY DUE 7/3/97	MICROSEARCH

Changes were done in lims by(login): CBowley On: 6/26/97

CC: ___ Lab.Director ___ Dept.manager ___ Analyst ___ Proj.Manager

CHROMALAB, INC.

Environmental Services (SDB) (DOHS 1094)

[redacted]/CHANGE ORDER

New Submission No: 9706285

Order No: 34329

Original Submission Info

Client Name: MICROSEARCH

Project Mgr: JOHN SUTTON

Project Name: MSC - TANKS 12 + 13

Project No: 010597

PO#:

Date Received: 6/23/97

Submission No: 9706285

Name of Caller: JOHN SUTTON

Call Date: 6/26/97 Time:

Add on Due Date: 6/30/97 Date Sampled 6/23/97

Comments:

SAMPLE ID	DATE	TIME	MATRIX	PRESERV.	ANALYSIS REPORT: TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel, TEPH (EPA 3510/3550, 8015)	PURGEABLE AROMATICS BTEX (EPA 602, 8020)	PURGEABLE HALOCARBONS (EPA 601, 8010)	VOLATILE ORGANICS (EPA 624, 8240, 524.2)	BASE/NEUTRALS, ACIDS (EPA 625/627, 8270, 525)	TOTAL OIL & GREASE (EPA 5520, B+F, E+F)	PCB (EPA 608, 8080)	PESTICIDES (EPA 608, 8080)	TOTAL RECOVERABLE HYDROCARBONS (EPA 418.1)	LUFT METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
010497-FW	6/23/97		S																X					1
010497-FE	↓		↓																X					1
									RUSH															

9706285

34329

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

MicroSearch Environmental
318 Harrison Street, Suite 1A
Oakland, CA 94607
(510) 452-5500
Fax: (510) 452-5510

SHIP TO: Chromalab Pleasanton

RUSH

ATTENTION: Pierre Monet   PHONE: (510) 484-1919

Project Number	Project Name	Project Manager
01-0597	MSC - Fuel Island @ 12" Tank	John Sutton

Sampler Signature:

Field Team Leader:

							REMARKS
010497-FN	6/25	Sutton		Fuel Island - Western	2-2.5' day	Tube	
010497-FE	6/25	Sutton		Fuel Island Eastern	2.5-3' day	Tube	

COMMENTS:

Run TPH-g, TPH-d, BTEX, MTBE on both — 48 HR TAT

RUN LEAD (AA) on BOTH SAMPLES

RWQCB Tri-Regional Guidelines Method, Detect Limits

Verbal 6/26 /...; Report by 7/1/97

6/25/97

Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Ship Via:
		6/25/97			6/23/97 1727	Lab Courier
			Mark Cowley	R Rowley	6/23/97 1809	
						Shipper No.

9706285

34329

MICROSEARCH ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

(510) 452-5500
MicroSearch Environmental
318 Harrison Street, Suite 1A
Oakland, CA 94607
Fax: (510) 452-5510

SHIP TO: Chromalab
Pleasanton

RUSH

ATTENTION Pierre Monet PHONE (510) 484-1919

Project Number 01-0597	Project Name MSC-Fuel Island @ 12th Tank	Project Manager John Sutton
Sampler Signature		Field Team Leader

[illegible]	[illegible]	[illegible]	[illegible] NUMBER	[illegible]	[illegible]	[illegible]	[illegible] CONTAINERS			REMARKS
010497-FN	6/23	Sutton		Fuel	ISLAND - West End	2-2.5' day	1 tube			
010497-FE	6/23	Sutton		Fuel	Island East End	2.5-3' day	1 tube			

COMMENTS:

Run TPH-g, TPH-d, BTEX, MTBE on both (48 HR TAT)

Verbal 6/26/[illegible]
Rept by 7/1/97

RWQCB Tri Regional Guideline Method, Detect limits

Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Ship Via:
	[signature]	6/2[illegible]	[signature]	[signature]	6-22-97 1727	Lab Courier UPS
Relinquished by: [signature]	Signature [signature]	Date/Time 6/23/97	Received by: Chris Rowley	Signature C. Rowley	Date/Time 6/23/97 1809	
Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Shipper No.

06285/136842 - 136847

JOB #: 9706285 REP: PM
LIENT: MICROSEARCH
JE: 06/25/97
EF #:34329

34329

MICROSEARCH ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

MicroSearch Environmental
318 Harrison Street, Suite 1A
Oakland, CA 94607
(510) 452-5500
Fax: (510) 452-5510

SHIP TO: ChromaLab Pleasanton **RUSH**

ATTENTION Reve Mouet PHONE 510 484-1919

Project Number 01-0597	Project Name MSC- Tanks 12 & 13	Project Manager John Sutton
Sampler Signature [illegible]		Field Team Leader John Sutton

SAMPLE NUMBER	DATE	SAMPLER NAME	SAMPLE [illegible]	SAMPLE [illegible]	INFORMATION [illegible]	LOCATION [illegible]	NUMBER OF CONTAINERS			REMARKS
010597-1	6/23/97	JRS		1000/350	W side 5' deep	lube oil.	1 tube			
010597-2	6/23	JRS		1000/350	S " 4' deep	waste oil	1 tube			
010597-3	6/23	JRS		1000/350	E " 7' deep	lube oil	1 tube			
010597-SP:ABC	6/23/97	JRS		Spoils	Stockpile	Stockpile	3 tubes	3pt	COMP	HOLD

COMMENTS:
Sample #1,3: lube oil: Run TPH-oil range.
Sample #2: waste oil Run TPHg, TPHd, BTEX, MTBE, 8270, O&G (5510), Cd, Cr, Pb, Ni, Zn
Sample SP: 3pt composite needed. Then Run Extraction for Gas BTEX MTBE — HOLD pending results of #2
all: RWQCB Regional Method, Detect Limits

48hr-TAT

Verbal 6/26 AM
Report by 7/1/97

Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Ship Via:
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MICROSEARCH ENVIRONMENTAL CORPORATION

MicroSearch Environmental Corporation
318 Harrison Street, Suite 1A Oakland, CA 94607
Telephone (510) 452-5500 Facsimile (510) 452-5510

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TO: Criselda

COMPANY: Chromalab

Telephone number: 484-1919 Facsimile number: 484-1096

RE: #34329

FROM: JOHN SUTTON

COMMENT: ① Analyses added: See Chain of Custody pages 1 & 2
② Please revise final report so that there are separate reports for each page of the Chain of Custody.
Thanks.

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06285/136842 - 136847

JOB #: 9706285 REPs ON
CLIENT: MICROSEARCH
DUE: 06/25/97
REF #:34329

34329

MICROSEARCH ENVIRONMENTAL CORPORATION

CHAIN OF CUSTODY RECORD
REQUEST FOR ANALYSIS

MicroSearch Environmental
318 Harrison Street, Suite 1A
Oakland, CA 94607

(510) 452-5500
Fax: (510) 452-5510

Page 1 of 2

SHIP TO: ChromaLab Pleasanton

RUSH

ATTENTION Rene Monet

PHONE 510 484-1919

Project Number	Project Name	Project Manager
01-0597	MSC- Tanks 12 & 13	John Sutton

Sampler Signature: [signature]

Field Team Leader: John Sutton

											REMARKS
010597-1	6/15/97	JRS		1000/230	W side 5' deep	lube oil	1 tube				
010597-2	6/18	JRS		1000/230	[illegible] 4' deep	waste oil	1 tube				
010597-3	6/18	JRS		1000/1510	E " 7' deep	lube oil	1 tube				
010597-SP:ABC	6/21/97	JRS		5pr/15	Stockpile	Stockpile	3 tubes	3H	[illegible]		HOLD

COMMENTS:
Sample #1,3: lube oil: Run TPH-oil range.
Sample #2. waste oil Run TPHg, TPHd, BTEX, MTBE, 8270, O&G (5510), Cd, Cr, Pb, Ni, Zn
Sample SP: 3pt composite needed. Then Run Extraction for Gas BTEXMTBE — Hold pending results of #2
All: RWQCB Regional Method, Detect Limits

48hr-TAT

Verbal 6/26 AM
Report by 7/1/97

Relinquished by:	Signature	Date/Time	Received by:	Signature	Date/Time	Ship Via:
[signature]	[signature]	6/23/97	[signature]	[signature]	6-23-97	UPS Lab Courier
[signature]	[signature]	6/23 [illegible]	Chris Rowley	C Rowley	6/23/97 1809	
						Shipper No.

6/25/97: Sample 010597: Run TPH as oil (CSC) + oil and grease (5510EF) [initials]

Sent by: MicroSearch 5104525510 JUL-26-97 THU 10:31 CHROMALAB, INC. 06/26/97 10:--AM TEL:510 484 1096 Job 650 P.013 Page 2/3