MORGAN
Environmental Services

2433 Poplar Street,
Oakland, CA 94607
Tel (510) 267-0134

October 27, 2002

Mr. LeRoy Griffin
Oakland Fire Department
Hazardous Materials Division
1603 Martin Luther King Jr. Way
Oakland, CA 94612

Re: Underground Storage Tank Closure Report
745 50th Avenue
Oakland, California 94621

Dear Mr. Griffin:

On behalf of Ms. Kathy Kovell of AAA Equipment Company, Morgan Environmental Services is pleased to submit this report documenting tank removal activities at the above referenced site. Should you have any questions or require additional information, please do not hesitate to contact us at (510) 267-0134.

Sincerely,

Morgan Environmental Services

Tom Morgan
Principal

Underground Storage Tank Closure Report

AAA Equipment Services
745 50th Avenue
Oakland, California

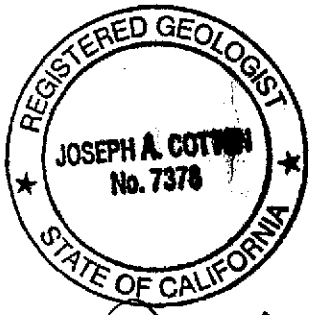
October 27, 2002

Prepared For:

Ms. Kathy Kovell
3393 Orchard Valley Lane
Lafayette, CA 94549

Prepared By:

Morgan Environmental Services
2433 Poplar Street
Oakland, CA 94607



Joseph Cotton R.G.
Senior Project Geologist

Tom Morgan
Principal

TABLE OF CONTENTS

MORGAN
Environmental Services

2433 Poplar Street,
Oakland, CA 94607
Tel. (510) 267-0134

Underground Storage Tank Closure Report
AAA Equipment Company
745 50th Avenue
Oakland, California

1.0 INTRODUCTION

This report presents the results of underground storage tank (UST) removal activities and associated soil sampling performed by Morgan Environmental Services Inc. (MES) at AAA Equipment Company (AAA) located 745 50th Avenue in Oakland, California. MES was contracted by Ms. Kovell to obtain all applicable tank closure permits, remove the UST and all associated piping, excavate UST bedding material, collect tank verification soil samples, backfill the excavation, and prepare this report. The Site Location Map is shown on Figure 1. Presented below is a description of the UST removal; soil excavation and sampling activities; analytical results; and conclusions and recommendations.

2.0 SITE SUMMARY

2.1 Site and Area Use

The UST was located near the southwest corner of the former AAA Equipment Company located at 745 50th Avenue. See Figure 2, Site Plan. The site is bordered by adjoining vacant lots to the north and east, 50th Avenue to the south, and PG&E employee parking and staging facility to the west. The UST was discovered during a site reconnaissance conducted by MES in August 2002. It is unknown when the UST was installed. However, the condition of the tank and surrounding soils upon removal suggests the tank was in place for years. The tank was not discovered during a Phase I Environmental Site Assessment performed by Hageman–Agular Inc. in May 2000.

2.2 Site Topography

Based on a review of the United States Geologic Survey 7.5 minute map of the East Oakland Quadrangle, the average elevation of the site is approximately 10 feet above mean sea level (MSL). The site is relatively flat, exhibiting a gentle westward slope. The regional topography also slopes gently west towards San Francisco Bay.

2.3 Regional Geology and Hydrogeology

The site is situated in the low-lying Bay Plain in close proximity to the San Leandro Bay. Soils beneath this area of San Francisco Bay consist primarily of fine-grained soils, mainly silts and clays. Near surface soils are comprised of younger alluvium, mainly stream and channel deposits interbedded with beach, dune sand and marine terrace deposits of Plio-Pleistocene to late Pleistocene age. The thickness of the alluvium decreases westward towards San Francisco Bay. Bedrock is likely to occur at a depth of greater than 100 feet beneath the subject property.

The majority of shallow groundwater movement in this area occurs in thin sand and gravel layers and/or discontinuous lenses. Based on the surface topography, as well as various hydrologic features, the general regional shallow groundwater can be expected to flow from the Oakland Hills southwesterly toward Oakland Inner Harbor/San Leandro Bay.

The San Francisco Bay Region is one of the most seismically active regions in the United States and has a long history of extensive earthquake activity. The San Andreas Fault (SAF) system, located approximately 14 miles west of the site, separates the North American and Pacific tectonic plates. The site lies on the North American plate and east of the tectonic zone juxtaposing these two tectonic plates. Other significant local faults of known or suspected seismic activity include the Hayward Fault (approximately 4-miles east) and the Calaveras Fault (approximately 15-miles west). The general trend of these faults is towards the northwest. The relative motion along the faults is strike-slip with right-lateral movement.

2.4 Surface Water Drainage Patterns

In this area of the East Bay Plain, regional surface water migrates towards the west through a series of channels originating in the hills of eastern Oakland. These channels generally trend in a southwesterly direction delivering surface runoff to the Oakland Inner Harbor/San Leandro Bay area of San Francisco Bay. Surface drainage at the site is to the west-southwest.

2.5 Previous Environmental Investigation

In the Fall of 1987, diesel contamination near an on-site aboveground diesel storage tank and associated fuel dispenser was discovered by Inspector Larry Seto of the Alameda County Department of Environmental Health (ACDEH). In July and August 1989, a cleanup took place in which machinery and equipment were moved from the area, residual waste oil was removed and the aboveground storage diesel tank was removed along with associated piping and fuel dispenser. A subsurface investigation was subsequently conducted by Groundwater Technology Inc. (GTI).

Although no complete investigation report was found in regulatory agency files, copies of the laboratory analytical results of the investigation were located in ACDEH archives. Elevated concentrations of oil and grease and total petroleum hydrocarbons (TPH) were detected in various samples. Records also indicated that a groundwater monitoring well was installed at the property. A groundwater sample collected from this well contained diesel and benzene at 200 parts per billion (ppb) and 10 ppb, respectively. No other volatile organic compounds (VOCs) were detected by EPA method 8260. According to a letter from ACDEH to Ed Kovell dated November 26, 1990, it appears that Larry Seto met with personnel from GTI and the possibility of further subsurface investigation was discussed. Based upon available information, no further investigation was ever conducted, nor was any follow-up enforcement action undertaken by the ACDEH. On November 30,1990, ACDEH discovered oil spillage and lead/acid batteries on the ground of the subject site.

On December 17, 1997, ACDEH Inspector Eva Chu inspected the site and noted no gross violation of hazardous material laws. No excessive oil and grease staining or other evidence of leaks to soil was discovered. In the memorandum detailing the inspection, Ms. Chu referred to the site as a "SLIC" (Spills, Leaks, Investigation, Cleanup) case. In the memo, Ms Chu also advised that the onsite groundwater monitoring well be properly abandoned, an action consistent with A SLIC case closure.

A Phase I Environmental Site Assessment (ESA) was conducted at the site by Hageman-Agular Inc. in April and May 2000. The results of this ESA are presented the May 30, 2000 Hageman-Agular Inc. report titled, *Report of Phase I Environmental Site Assessment-745 50th Avenue, Oakland, California (APN No. 2293-02-07 & 2293-02-08).* The Phase I ESA recommended: 1) decommissioning the existing monitoring well; 2) removing the graded sump (or drop inlet); and conducting a near surface soil sampling and analysis investigation at the site.

3.0 TANK REMOVAL, EXACAVTION, AND SAMPLING-SEPTEMBER 2002

The following activities performed as part of this UST removal project included:

- Obtaining underground storage tank closure permits from OFD;
- Preparing a Health and Safety Plan for tank removal activities;
- Removing, transporting, and disposing any remaining liquids still present in the UST;
- Removing, transporting and properly disposing the UST and associated piping;

- Excavating soil around the perimeter of the UST;
- Field screening for hydrocarbons in soil and logging lithology of soil in tank pit;
- Stockpiling excavated tank bedding material, pending disposal or reuse;
- Collecting tank verification samples;
- Backfilling and compacting UST excavation pit;
- Submitting soil samples to a California state-certified lab for analyses; and
- Preparing this report.

Copies of *OFD Underground Storage Tank Removal Permit Application and Underground Tank Closure Plan* for the project are presented in Appendix A and B, respectively. Hazardous waste disposal manifests, OFD *Hazardous Materials Inspection Report* and *Underground Storage Tank Closure/Removal Field Inspection Report* are included in Appendix C. *MES's Standard Operating Procedures for Soil Sample Collection* are included in Appendix D. Laboratory Analytical Reports are in Appendix E. The Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report is included in Appendix F.

3.1 Underground Fuel Tank Removal Activities

On September 4, 2002, an 800-gallon, single-walled steel UST was uncovered near the southwest corner of the subject property. The top of the tank was first encountered at 2.5 feet below ground surface (bgs) and the bottom of the tank extended to approximately 7 feet bgs. The location of the UST is shown in Figure 2. During tank exposure and removal operations, approximately 10 cubic yards of tank bedding material and soil overburden were excavated from the top and sides of the tank and stockpiled on visqueen next to the excavation pit. Approximately 200 gallons of residual fuel (5%) and water (95%) was pumped from the UST into Department of Transportation-approved 55-gallon drums. The drums were sealed and stored onsite pending profiling and disposal or recycling. The interior of the tank was pressure-washed and an additional 100 gallons of rinsate was stored in drums at the site. The tank was then inerted with dry ice to displace volatile hydrocarbon vapors and reduce oxygen levels in the UST to below the lower explosive limit. OFD Hazardous Materials Division Supervisor LeRoy Griffin of the OFD Office of Emergency Services Hazardous Materials Division, confirmed that conditions within the tanks were safe for removal. The UST was lifted from the tank pit using a backhoe and temporarily placed at the surface for inspection by OFD and MES personnel.

Jonathan Speir of MES and Inspector Griffin inspected the UST at the surface. Numerous corrosion pinholes were identified at the bottom of the UST. No other noticeable holes, cracks, or corrosion were found on the other portions of the tank. The UST was then loaded on a flat bed truck and

transported to Ecology Control Incorporated of Richmond, California for further cleaning and recycling are presented in Appendix C. Hazardous waste manifests for the tank and tank contents, the OFD Hazardous Materials Inspection Report and the Underground Storage Tank Closure/Removal Field Inspection Report are also presented in Appendix C.

Native soil encountered along the sidewalls of the excavation consisted primarily of a light tan, sandy clay to clayey sand to the bottom of the tank pit. Tank bedding material consisting of tan sand fill (used to stabilize the tanks during installation) outlined the former tank footprint. A slight hydrocarbon odor emanated from the UST excavation pit. Groundwater was not encountered in the excavation pit.

3.2 Underground Fuel Tank Verification Sampling

Following the removal of tank, a verification soil sample designated SOIL 1 UNDERTANK, was collected from beneath the UST at the fill end of the tank. The soil sample was collected in accordance with Regional Water Quality Control Board-San Francisco Bay Region (RWQCB) *Recommended Minimum Verification Analyses For Underground Storage Tank Leaks* and *MES's Standard Operating Procedures for Soil Sample Collection* (Appendix D). The location of the soil sample is shown on Figure 2. Tank verification soil samples were analyzed for TPH as diesel (TPHd) ; TPH as gasoline (TPH-g); benzene, toluene, ethyl- benzene, xylenes (BTEX); methyl-tert-butyl ether (MTBE), and total lead.

3.3 Soil Stockpile

Approximately 10 cubic yards of soil was removed during the unearthing of the UST. The soil was placed on visqueen and stored next to the excavation. Only minor visual evidence of contamination was observed in the soil stockpile. The soil sample collected from beneath the tank was considered representative of worst-case contamination for soil stored in the stockpile. As such, no soil sample was collected from the stockpiled soil.

3.4 Waste Disposal

Tank contents and rinsate was either recycled DK Environmental of Vernon, California. The UST was loaded on a flat bed truck and transported to Ecology Control Incorporated of Richmond, California for further cleaning and recycling. Hazardous Waste Manifests are presented in Appendix C.

3.5 Backfilling of Tank Excavation Pit

Inspector LeRoy Griffin approved the reuse of the stockpiled soil as backfill material. It is our understanding that this area of the property will be paved with asphalt, thus minimizing the risk of contaminant exposure to acceptable levels, thus allowing the soil to be left in-place. As such, MES backfilled the tank excavation pit with imported soil and reused tank overburden. The excavation pit was backfilled and compacted in two-foot lifts.

4.0 LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for the soil samples are presented in Table 1. Laboratory analytical reports and chain-of-custody records are presented in Appendix E. Laboratory analytical services were provided by Chromalab Analytical Laboratory Incorporated (Chromalab) of Pleasanton, California. Chromalab is certified by the State of California for the analyses performed. The sample was analyzed in accordance with the RWQCB's *Recommended Minimum Verification Analyses for Underground Storage Tank Leaks.*

The tank verification soil sample, SOIL-1 UNDER TANK SAMPLE, was collected from beneath the tank at a depth of 7.5 feet below ground surface. The soil sample was found to contain 4,700 mg/kg of TPHd, 3,300 mg/kg TPHg, and 87 mg/kg total lead. BTEX and MTBE were not detected at or above laboratory method reporting limits in the soil sample.

TABLE 1
UNDERGROUND STORAGE TANK VERIFICATION SAMPLE RESULTS
750 50th Avenue, Oakland, California

Sample I.D	TPHd/TPHg (mg/kg)	Lead (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	EB (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)
SOIL-1 UNDER TANK	4,700/ 3,300	87	ND<31	ND<31	ND<31	ND<31	ND<31

UST verification soil sample collected from 7.5 feet bgs

5.0 CONCLUSIONS

Based on the results of the tank removal and soil sampling activities at the site the following conclusions can be made:

- The UST was discovered during a site reconnaissance conducted by MES in August 2002.

- On September 4, 2002, one 800-gallon, single-walled steel UST was uncovered near the southwest corner of the subject property. The top of the tank was encountered at 2.5 feet bgs with the bottom of the tank extending to approximately 7 feet bgs. Approximately 200 gallons of residual fuel and water were removed from the still tank.

- During inspection of the tank, several rusty pinholes and corrosion were identified at the bottom of the UST. No other noticeable holes, cracks, or corrosion were found on other portions of the tank.

- A slight hydrocarbon odor emanated from the UST excavation pit, following removal of the UST. Groundwater was not encountered in the tank excavation pit.

- SOIL-1 UNDER TANK SAMPLE, was collected from beneath the tank (at the fill end of the tank) at a depth of 7.5 feet bgs. The sample contained 4,700 mg/kg of TPHd, 3,300 mg/kg TPHg, and 87 mg/kg total lead. BTEX and MTBE were not detected at or above laboratory method reporting limits in the soil sample.

MES also compared site conditions to the six criteria established by the State Water Resources Control Board (SWRCB) Interim Guidance and Supplemental Instruction for low-risk fuel leak sites.

CRITERION #1
Has the leak been stopped and on going sources, including free product, been removed or remediated?

Yes, the UST has been removed and the risk of residual soil contamination will be minimized at the site by the asphalt cover that is proposed by the new property owner.

CRITERION #2
Has the site been adequately characterized?

Information obtained from Hageman-Agular Inc., *Report of Phase I Environmental Site Assessment-745 50th Avenue, Oakland, California (APN No. 2293-02-07 & 2293-02-08)*, dated May 30, 2000 , suggests that paving over or constructing a building over the soil at the site, would reduce contaminant exposure to acceptable risk levels that are consistent with industrial/commercial land-use at the site and surrounding area. If the soil at the site is paved over with an impermeable barrier (i.e., asphalt, concrete, building slab-on-grade foundation), it is our opinion that no additional soil characterization will be needed. "It is our understanding that the site will be paved by the new property owner". The report also suggests that a near surface soil investigation should be conducted if: 1) the site is not capped by an impermeable barrier; or 2) if soil will be removed from the site. The report indicates that soils "could not be hauled away as clean fill.

In 1997, Ms Chu advised that "the groundwater monitoring well located on the property be properly abandoned", suggesting that additional groundwater monitoring and characterization at the property was not necessary.

CRITERION #3
Does significant groundwater impact currently exist and are contaminants found in groundwater at levels above established MCLs or other applicable water quality objectives?

This is a soils only case. Groundwater was not encountered during tank removal activities. In the memo from ACDEH, Inspector Eva Chu referred to the site as a "SLIC" (Spills, Leaks, Investigation, Cleanup) case and advised that a groundwater monitoring well located on the property be properly abandoned, an action consistent with A SLIC case closure.

CRITERION #4
Do water wells, deeper drinking water aquifers, surface water, or other sensitive receptors likely to be impacted?

It is our understanding that the onsite well(s) will be properly decommissioned. To the best of my knowledge, no drinking water aquifers, surface water, or sensitive receptors will be impacted. The limited risk associated with the UST will be significantly reduced when the site is capped with an impermeable barrier.

CRITERION #5
Does the site present a significant risk to human health?

The site will not present a significant risk to human health if the soil is capped with an impermeable barrier.

CRITERION #6
Does the site present a significant risk to the environment?

The site will not present a significant risk to the environment if the soil is capped with asphalt or another impermeable barrier.

6.0 RECOMMENDATIONS

The site conforms to all six of the above criteria for a low-risk fuel leak site, if the subject property; (1) maintains industrial/commercial land-use; (2) if the soil at the site is capped with an impermeable barrier ; and (3) if the well(s) on the property are properly decommissioned. MES recommends that items 1 through 3 be conducted at the site. Any soil removed from the property should be sampled and profiled for disposal at an appropriate landfill. Following these activities, MES recommends that the responsible party petition the Oakland Fire Department for regulatory corrective action closure for the property and request that a "No Further Action" letter be granted for the property.

7.0 LIMITATIONS

The purpose of a geologic/hydrogeologic study is to reasonably characterize existing site conditions based on the geology/hydrogeology of the area. In performing such a study, a balance must be struck between a reasonable investigation into the site conditions and an exhaustive analysis of each conceivable condition. The following paragraphs discuss the assumptions and parameters under which such a study is conducted.

No investigation is thorough enough to detect every geologic/hydrogeologic condition of interest at a given site. If conditions have not been identified during the study, such a finding should not therefore be construed as a guarantee of the absence of such conditions at the site, but rather as the result of the services performed within the scope, limitations, and cost of the work performed.

We are unable to report on or accurately predict events that may change the site conditions after the described services are performed, whether occurring naturally or caused by external forces. We

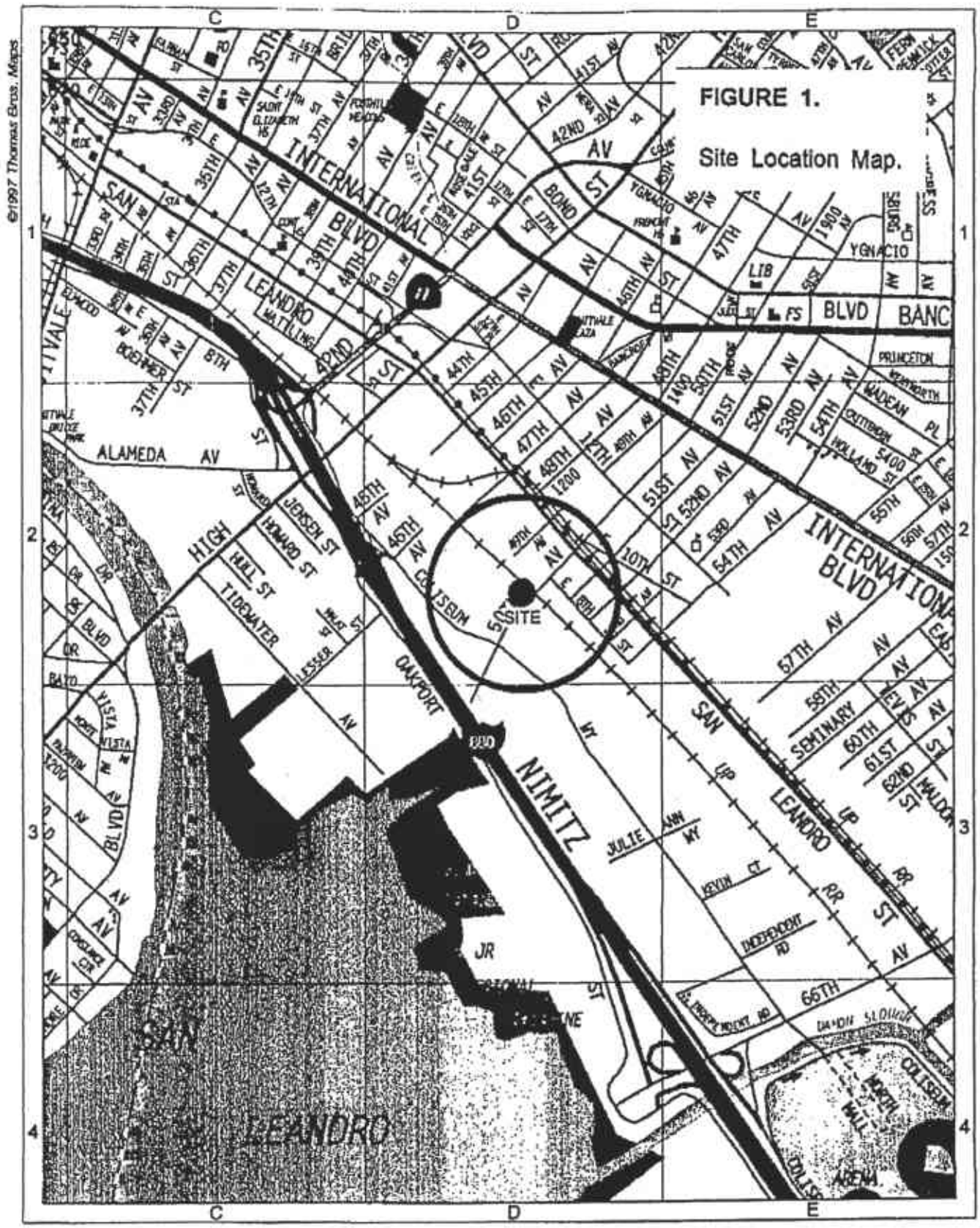
cannot assume responsibility for conditions we were not authorized to evaluate, or conditions not generally recognized as predictable when services were performed.

Geologic/hydrogeologic conditions may exist at the site that cannot be identified solely by visual observation. Where subsurface exploratory work was performed, our professional opinions are based in part on interpretation of data from discrete sampling locations that may not represent actual conditions at unsampled locations.

DISTRIBUTION

Ms. Kathy Kovell
AAA Equipment Company
3393 Orchard Valley Lane
Lafayette, CA 94549

FIGURES



● *SITE: 745 50th Av, Oakland, 94601, Page & Grid 670 D2*

APPENDIX A

Oakland Fire Department Underground Storage Tank Permit Application

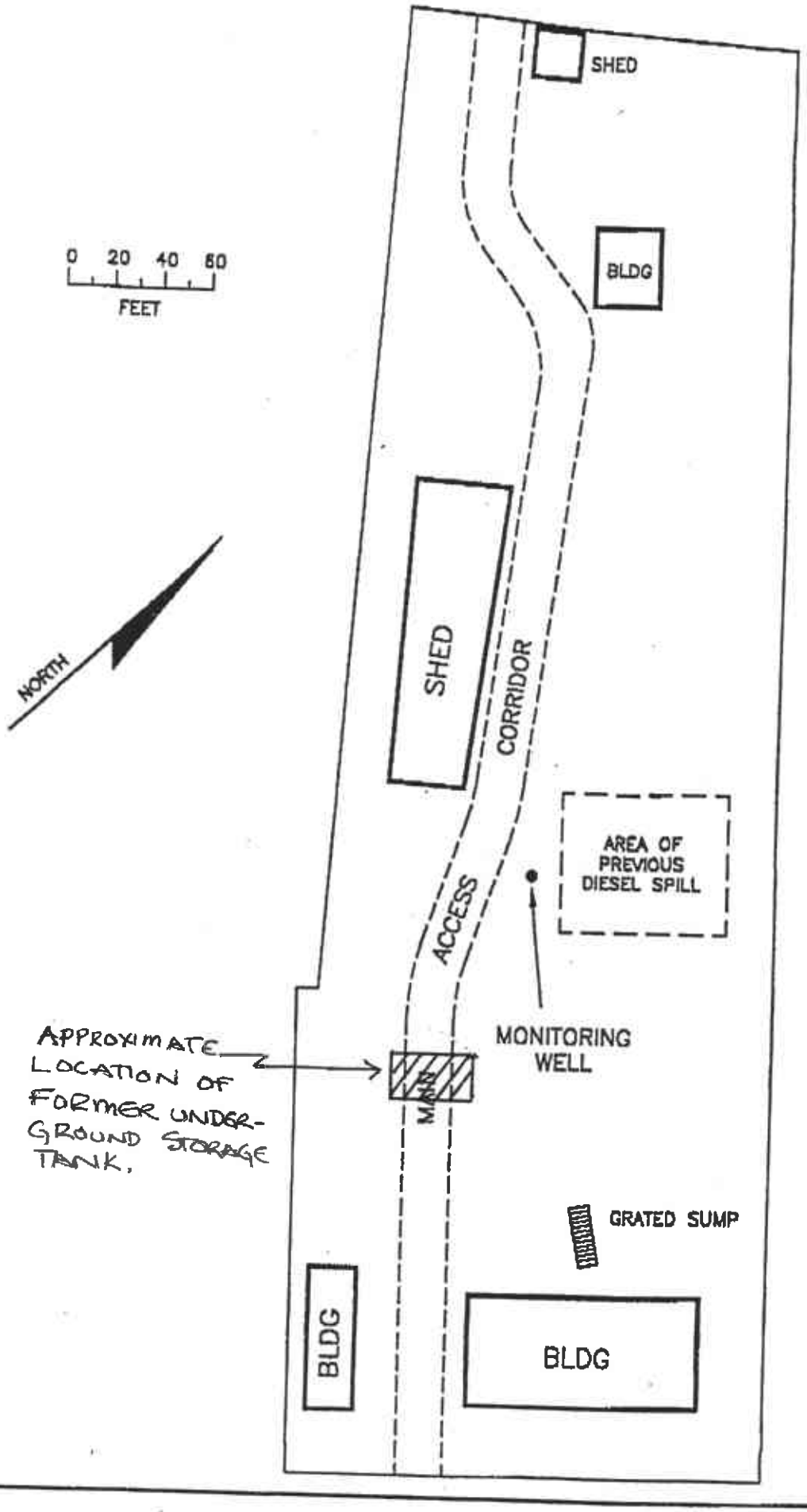


FIGURE 2

Site Layout.

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	NAME OF OPERATOR	
AAA EQUIPMENT	KATHY KOVELL	
ADDRESS: 745 50TH	NEAREST CROSS STREET: COLISEUM	PARCEL # (OPTIONAL)
CITY NAME: OAKLAND	STATE: CA / ZIP CODE: 94601	SITE PHONE # WITH AREA CODE: - o -

✔ 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	☐	1	CAD009125779

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
MORGAN, TOM	510-267-0154	KOVELL, KATHY	510-604-8768
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
SAME AS ABOVE		SAME AS ABOVE	

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME	CARE OF ADDRESS INFORMATION		
KATHY KOVELL			
MAILING OR STREET ADDRESS: 3393 ORCHARD VALLEY LN	✔ box to indicate: ☒ INDIVIDUAL ☐ LOCAL-AGENCY ☐ STATE-AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY		
CITY NAME: LAFAYETTE	STATE: CA	ZIP CODE: 94549	PHONE # WITH AREA CODE: 510-604-8768

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER	CARE OF ADDRESS INFORMATION		
KATHY KOVELL			
MAILING OR STREET ADDRESS: 3393 ORCHARD VALLEY LN	✔ box to indicate: ☒ INDIVIDUAL ☐ LOCAL-AGENCY ☐ STATE-AGENCY ☐ CORPORATION ☐ PARTNERSHIP ☐ COUNTY-AGENCY ☐ FEDERAL-AGENCY		
CITY NAME: LAFAYETTE	STATE: CA	ZIP CODE: 94549	PHONE # WITH AREA CODE: 510-604-8768

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

TY (TK) HQ 44- [ ][ ][ ][ ][ ][ ]

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
KATHY KOVELL Kathy Covell	POA, V.P.	8/28/02

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
[ ][ ]	[ ][ ][ ]	[ ][ ][ ][ ][ ][ ]

LOCATION CODE - *OPTIONAL*	CENSUS TRACT # - *OPTIONAL*	SUPVISOR - 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

FORM A (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 ONE ITEM: [X] 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:

I. TANK DESCRIPTION

COMPLETE ALL ITEMS – SPECIFY IF UNKNOWN

A. OWNER'S TANK I. D. # TANK II	B. MANUFACTURED BY: UNKNOWN
C. DATE INSTALLED (MO/DAY/YEAR) UNKNOWN	D. TANK CAPACITY IN GALLONS: APPROX 800 GAL

II. TANK CONTENTS

IF A-1 IS MARKED, COMPLETE ITEM C.

A. [X] 1 MOTOR VEHICLE FUEL [ ] 2 PETROLEUM [ ] 3 CHEMICAL PRODUCT [ ] 4 OIL [ ] 80 EMPTY [ ] 95 UNKNOWN

B. [X] 1 PRODUCT [ ] 2 WASTE

C. [ ] 1a REGULAR UNLEADED [ ] 1b PREMIUM UNLEADED [ ] 1c MIDGRADE UNLEADED [ ] 2 LEADED [X] 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 [X] 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): [X] 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 [X] 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 [X] 91 NONE [ ] 95 UNKNOWN [ ] 99 OTHER

E. SPILL AND OVERFILL, etc. SPILL CONTAINMENT INSTALLED (YEAR) UNK DROP TUBE YES ✓ NO ___ STRIKER PLATE YES ___ NO ___ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) UNK DISPENSER CONTAINMENT YES UNK 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 [X] 99 OTHER UNKNOWN

V. TANK LEAK DETECTION

[X] 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	3. WAS TANK FILLED WITH INERT MATERIAL?
UNKNOWN	300 GALLONS	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): KATHY KOVELL Kathy Kovell DATE 8-28-02

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

CITY OF OAKLAND
FIRE PREVENTION BUREAU
250 Frank Ogawa Plaza, Ste. 3341
OAKLAND, CALIFORNIA 94612-2032
(510) 238-3851

APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS

In the CITY OF OAKLAND

Request Submittal Date: 26 AUG 2002

PLEASE CIRCLE APPROPRIATE ACTIONS: Application is hereby made for permit to:

(a) Remove (b) Install (c) Repair (d) Modify (e) Abandon/Close in Place A

(a) Gasoline (b) Fuel oil (c) Diesel (d) _____ tank(s) and excavate, commencing:

(a) four feet inside the curb line* (b) inside the property line; (c) aboveground; (d) underground tank(s)
**inside curb line, please attach copy of sidewalk/excavation permit from PLANNING AND BUILDING*

on the SOUTH side of 50TH AVE St/Ave 700 feet N of 50TH St/Ave

Site Address: 745 50TH AVE OAK. Present storage OLD DIESEL

Owner: KATHY KOVELL Address 3393 ORCHARD LN Phone 510-604-8768

Applicant: J. SPEIR Address 2433 POPLAR ST Phone 510-267-0134 OR 510-773-0154

Sidewalk surface to be disturbed NO X___ Number of Tanks 1 Capacity 800 Gallons ea.

Remarks TANK IS OUT OF SERVICE

Signature Kathy Kovell 8-28-02

PLEASE ATTACH/SUBMIT: *(All applicants must have a City Business License Permit)*

- (2) Copies of Closure Plans for underground tank removal(s) 2
- (2) Sets of plans and (1) copy of specifications for above ground tank removal
- (2) Sets of plans and (2) sets of application packets for underground tank installation/modifications
- (2) Sets of plans for aboveground tank installation
- copy or prepare to show Planning and Building approval for aboveground tank removal and tank repair

NOTE: FOR TANK INSTALLATION PLEASE SUBMIT THIS APPLICATION FORM ALONG WITH A APPLICATION FOR PERMIT TO OPERATE, MAINTAIN OR STORE

FOR OFFICE USE ONLY

Permit No._____
Copies to: Electrical Inspection

Amt. Recv'd $540.00 Date Issued:_____
Ck# 14213 Cash ✓
Receipt# 847743 Recv'd by: ME

APPROVED FIRE MARSHAL CITY OF OAKLAND
By _____
Date 9/4/02

rev:05/98

City of Oakland, Fire Services Agency, Office of Emergency Services
Hazardous Materials Program
APPLICATION FOR UNDERGROUND TANK REMOVAL

FACILITY

Project Contact & Phone #: KATHY KOVELL,

Facility Name: AAA EQUIPMENT — Phone#: 510-604-8768

Address: 745 50TH AVE, OAKLAND, CA 94601

Cross Street: BETWEEN SAN LEANDRO & COLISEUM WAY

Owner/Operator: SAME — Phone #: SAME

CONTRACTOR

Contractor Name: MORGAN ENVIRONMENTAL SVC — Phone #: 510-267-0434

Contractor Address: 2433 POPLAR OAKLAND CA — CA License #: 783839 — Class: A HIC HAZ

Hazardous Waste Certified: (Qualifying license category A ENG) Yes ☒ No ☐ — Workers Comp#: STATE COMP 1598912-02

City of Oakland Business Tax License #: 273716 — Permit #:

Does this site have a leaking UST (or did it have a leaking tank system?) Yes ☒ No ☐

TANK(S)

State Tank ID#	Tank Size	Material That Was Stored	Proposed Removal Date
39-	APROX 800 GALLON	DIESEL	4 SEP 2002
39-			
39-			
39-			
39-			
39-			

FEE

☐ APPROVED ☒ APPROVED WITH CONDITION(S) ☐ DISAPPROVED

PLAN REVIEWER S SIGNATURE: [signature] DATE OF APPROVAL: 9/4/02

APPLICANT MUST PERFORM ALL WORK IN ACCORDANCE WITH CITY OF OAKLAND ORDINANCES, STATE LAWS, AND RULES AND REGULATIONS OF THE CITY OF OAKLAND FIRE SERVICES AGENCY. OWNER OR LICENSED AGENT S SIGNATURE CERTIFIES THE FOLLOWING: I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS INSTALLATION PLAN IS ISSUED, I SHALL NOT EMPLOY ANY PERSON IS SUCH A MANNER AS TO BECOME SUBJECT TO WORKER S COMPENSATION LAWS OF CALIFORNIA. CONTRACTOR S HIRING OR SUBCONTRACTING SIGNATURE CERTIFIES THE FOLLOWING: I CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS INSTALLATION PLAN IS ISSUED, I SHALL EMPLOY PERSONS SUBJECT TO WORKER S COMPENSATION LAWS OF CALIFORNIA.

APPLICANT S SIGNATURE: [signature] TITLE: PROJECT MGR DATE: 27 AUG 02

INDICATE THE RESPONSIBLE PARTY TO BE BILLED FOR ADDITIONAL FSA/OES STAFF TIME EXPENDED BEYOND THE HOURS COVERED BY THE INITIAL DEPOSIT AMOUNT. THE PARTY MUST ACKNOWLEDGE THIS RESPONSIBILITY FOR THE ADDITIONAL BILLING BY SIGNATURE AND DATE BELOW.

NAME MORGAN ENVIRONMENTAL SVC

MAILING ADDRESS 2433 POPLAR ST OAKLAND CA 94607
STREET **CITY, STATE, ZIP**

DAY PHONE NUMBER 510-267-0134
area code **phone #**

SIGNATURE

DATE 26 AUG 02

APPENDIX B

Oakland Fire Department Underground Storage Tank Closure Plan

CITY OF OAKLAND
Fire Services Agency
Office of Emergency Services
Hazardous Materials Program
505-14th St., Suite 702
Oakland, CA 94612

UNDERGROUND TANK CLOSURE PLAN

(Complete according to instructions)

1) Name of Business AAA EQUIPMENT

Business Owner or Contact Person (PRINT) KATHY KOVELL

2) Site Address 745 50TH AVE

City OAKLAND Zip 94601 Phone 510-604-8768

3) Mailing Address 3393 ORCHARD ~~LN~~ VALLEY LN

City LAFAYETTE Zip 94549 Phone 510-604-8768

4) Property Owner KATHY KOVELL

Business Name (if applicable) SAME AS ABOVE

Address " " "

City, State " " " Zip

5) Generator name under which tank will be manifested

AAA EQUIPMENT

EPA ID Under which tank will be manifested CAD000125799

6) Contractor MORGAN ENVIRONMENTAL SERVICES

Address 2433 POPLAR ST

City OAKLAND Phone 510-267-0134

License Type A ENGINEERING A HIC HAZ IDS 783839

Effective January 1, 1992, Business and Professional Code Section 7058.7 require contractors to also hold Hazardous Waste certification issued by the State Contractor License Board

7) Consultant (if applicable) _____

Address _____

City, State _____ Phone _____

8) Main Contact Person for Investigation (if applicable)

Name _____ Title _____

Company _____

Phone _____

9) Number of underground tanks being closed with this plan 1 (Confirmed with owner operator)

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 MORGAN ENVIRONMENTAL EPA I.D. NO. CAT 080 013 428

Hauler License No. 0136 License Exp. Date 12-31-2002

Address 2433 POPLAR ST

City OAKLAND State CA Zip 94607

b) Product/Residual Sludge/Rinsate Disposal Site

Name D/K ENVIRONMENTAL EPA ID No. CAT080033681

Address 3650 E 26TH ST

City VERNON State CA Zip 90023

c) Tank and Piping Transporter

Name MORGAN ENVIRO EPA I.D. No. CAT 000 013 428

c) Hauler License No. 0136 License Exp. Date 12-31-2002

Address 2433 POPLAR ST

City OAKLAND State CA Zip 94607

d) Tank and Piping Disposal Site

Name ECI EPA I.D. No. CAD009466392

Address 255 PARR BLVD

City RICHMOND State CA Zip 94801

11) Sample Collector

Name JONTHAN SPEER

Company MORGAN ENVIRONMENTAL SVC

Address 2433 POPLAR ST

City OAKLAND State CA Zip 94607

Phone 510 262-0134

12) Laboratory

Name STL SAN FRANCISCO

Address 1220 QUARRY LN

City PLEASANTON State CA Zip 94566

State Certification No. 2496

13) Have tanks or pipes leaked in the past Yes ☐ No ☐ Unknown ☒

If yes, describe

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

TANK WILL BE RINSED WITH WATER AND DRY ICED PRIOR TO REMOVAL/TRANSPORT

Before tanks are pumped out and inserted, 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 must also be contacted for tank removal permit. The use of a combustible gas indicator to verify tank inertness is required. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert. **Note: you may be required to recalibrate the combustible gas indicator on site, to show that it is working properly.**

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

Tank		Material to [illegible]	
[illegible]	Use History [illegible] last used (estimated)	contents, soil, [illegible]	[illegible]
APPROX 800 gal	LAST DATE USED IS UNKNOWN. TANK WAS USED TO PROVIDE FUEL TO EQUIPMENT	SOIL STOCKPILE, BENEATH TANK, LIQUID REMAINING IN TANK.	BENEATH TANK APPROX 5' BELOW GRADE.

One soil sample must be collected for every 20 linear feet or 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)	Sampling Plan
5 CUBIC YARDS	2 x 4:1 COMPOST SAMPLES

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

Will the excavated soil be returned to the excavation immediately after tank removal?

☐ yes ☒ No ☐ unknown

If yes, explain reasoning_____

_____

If unknown at this point in time, please be aware that excavated soil may no be returned to the excavation without prior approval from Fire Services Agency, Office of Emergency Services. This means that the contractor, consultant, or responsible party must communicate with the Hazardous Materials Inspector **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	8015 MODE 3550	TPH D 3550	1 PPM
GASOLINE	8015/5030	TPH G 6030	1 PPM
BTEX	8021/5030	3020 OR 3240	5 PPB
MTBE	8260		

18. Submit Workers Compensation Certificate copy

    Name of Insurer STATE COMP INSURANCE FUND

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

20. Enclose Permit fee (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 proved above, may be needed in order to obtain approval from the Hazardous Materials 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 age and that this responsibility is not shared nor assumed by the City of Oakland.

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

CONTRACTOR INFORMATION

Name of Business MORGAN ENVIRONMENTAL SERVICES

Name of Individual JONATHAN MEIR

Signature _____ Date 27 AUG 2002

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business AAA EQUIPMENT

Name of Individual KATHY KOVELL

Signature Kathy Kovell Date 8-28-02

General Instructions

- Three (3) copies of this plan plus attachments and permit must be submitted to this Department.
- Any cutting into tanks requires Fire Services Agency approval.
- One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.
- State of California Permit Application Forms A and B are to submit to this office One Form A per site, one Form B for each removed tank.

Line Item Specific Instructions

2. SITE ADDRESS
   Address at which closure is taking place.

5. EPA I.D. NO. - under which the tanks will be manifested
   EPA I.D. numbers may be obtained from the State Department of Toxic Substances Control, 916/324-1781

6. CONTRACTOR
   Prime contractor for the project.

10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
   a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
   c) Tanks must be hauled as hazardous waste.
   d) This is the place where tanks will be taken for cleaning.

15) TANK HISTORY AND SAMPLING INFORMATION
Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.
Material to be sampled - e.g. water, oil, sludge, soil, etc.

Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the trig} water mark, etc.

16) CHEMICAL METHODS AND ASSOCIATED DETECTION LIMITS
See attached Table 2.

17) SITE HEALTH AND SAFETY PLAN
A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:
a) The name and responsibilities of the site health and safety officer.
b) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;

c) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;

SITE HEALTH AND SAFETY PLAN

d) For each hazard, identify the action levels (contaminant concentrations in air) or physical conditions;
e) Description of the work habit changes triggered by the above action levels or physical conditions;
f) Frequency and types of air and personnel monitoring - along with the environmental sampling techniques and instrumentation - to be used to detect the above action levels. Include instrumentation maintenance and calibration methods and frequencies;
h) Confined space entry procedures-(if applicable);
g) Decontamination procedures;
l) Measures to be taken to secure the site, excavation and stockpiled soils during and after work hour (e.g. barricades, caution tape, fencing, trench plates, plastic sheeting, security guard, etc.);
j) Spill containment/emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital near the site;
k) Documentation that all site workers have received the appropriate ASIA approved training and participate medical surveillance per 29 CFR 1910.120;

l) A page for employees to sign acknowledging that they have read and will comply with the site health and safety plan.

The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times.

Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989; Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule.

19) PLOT PLAN

The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:

a) Scale;
b) North Arrow;
c) Property Lines;
d) Location of all structures;
e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
f) Streets;
g) Underground conduits, sewers water lines utilities;
h) Existing wells; drinking monitoring, etc;
l) Depth to ground water; and
j) All existing tank(s) and piping in addition to the tank(s) being removed.

20) PERMIT FEE

A check payable to the "City of Oakland for the amount indicated must accompany the plans.

21) Blank unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from this office or from the San Francisco Regional Water Quality Control Board (510) 286-1255. Larger quantities may be directly from the State Water Resources Control Board at (916) 739-2421.

APPENDIX C

Hazardous Waste Manifests, OFD Hazardous Materials Inspection and Underground Storage Tank Closure/Removal Field Inspection Reports

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12 pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: CAR000125799
Manifest Document No.: 75632
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: 20475632

3. Generator's Name and Mailing Address: AAA EQUIPMENT 745 50TH AVE OAKLAND CA 94601

B. State Generator's ID

4. Generator's Phone (510) 604-8768

5. Transporter 1 Company Name: MORGAN ENVIRONMENTAL INC
6. US EPA ID Number: NAT080034128

C. State Transporter's ID [Reserved.]
D. Transporter's Phone: 510 267 0134

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

E. State Transporter's ID [Reserved.]
F. Transporter's Phone

9. Designated Facility Name and Site Address: E-Z 255 PARR BLVD RICHMOND CA 94801
10. US EPA ID Number: CAD009466392

G. State Facility's ID: CAD009466392
H. Facility's Phone: 510 235 1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON RCRA HAZARDOUS WASTE SOLID	001	TP	01500	P	State 512; EPA/Other NON RCRA
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above: Job #527655 — 1 EMPTY TANK — TANK NUMBER 24184

K. Handling Codes for Wastes Listed Above: a. 01 b. c. d.

15. Special Handling Instructions and Additional Information: WEAR PROPER PROTECTIVE GEAR 1-510-267-0134 24HRS

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 [illegible] | Signature [illegible] | Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: [illegible] | Signature [signature] | Month Day Year 09 04 02

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: James Wilcox | Signature: James Wilcox | Month Day Year 09 11 02

GENERATOR / TRANSPORTER / FACILITY

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

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)

Green: TRANSPORTER RETAINS

.rnia—Environme...
...roved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Contro
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAR000125990
Manifest Document No.
2. Page 1 of 1
Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
AAA Equipment
745-50th Ave.
Oakland, CA 94603
4. Generator's Phone (510) 604-8766

A. State Manifest Document Number 99740366
B. State Generator's ID

5. Transporter 1 Company Name
MORGAN ENVIRONMENTAL SERVICES INC
6. US EPA ID Number CAT080013428
C. State Transporter's ID [Reserved.]
D. Transporter's Phone (510)267-0134

7. Transporter 2 Company Name
DK Richmond
8. US EPA ID Number CAR000101600
E. State Transporter's ID [Reserved.]
F. Transporter's Phone (510)231-2301

9. Designated Facility Name and Site Address
2000 N. Alameda St.
Compton, CA 90222-2799
10. US EPA ID Number CAT080013352
G. State Facility's ID
H. Facility's Phone (310)537-7100

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	I. Waste Number
a. Waste Flammable Liquids, N.O.S. (naptha), 3, UN1993, PGIII	006	DM	1300	G	State 331 EPA/Other
b.					State EPA/Other
c.					State EPA/Other
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
[illegible handwriting]

K. Handling Codes for Wastes Listed Above
a. b.
c. d.

15. Special Handling Instructions and Additional Information
WEAR ALL PERSONAL PROTECTIVE EQUIPMENT
24 HOUR CONTACT -TOM MORGAN 510 267 0134 a) ERG#128

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.
ME-1928 - change order [illegible]
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: [illegible handwriting] | Signature: [signature] | Month 09 Day 20 Year 02

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: HOWARD LINTZ | Signature: [signature] | Month 09 Day 20 Year 02

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

GENERATOR / TRANSPORTER / FACILITY

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

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Yellow: GENERATOR RETAINS

OAKLAND FIRE DEPARTMENT, OES
UNDERGROUND STORAGE TANK CLOSURE/REMOVAL FIELD INSPECTION REPORT

Site Address: 745 57 AVE	Name of Facility: AAA EQUIPMENT
Inspector: GRIFFILL	Contact on site: TOM MORGAN
Date and Time of Arrival:	Contractor/Consultant: MORGAN ENV.

General Requirements	Yes	No	N/A
Approved closure plan on site.	✓		
Changes to approved plan noted.			✓
Residuals properly stored/transported.	✓		
Receipt for adequate dry ice noted.	✓		

General Requirements	Yes	No	N/A
Site Safety Plan properly signed.	✓		
40B:C fire extinguisher on site.	✓		
"No Smoking" signs posted.	✓		
Gas detector challenged by inspector.	✓		

Tank Observations	T #1	T #2	T #3	T #4
Tank Capacity (gallons)	500			
Material last stored	GAS/DIE			
Dry ice used (pounds)	20			
Combustible gas concentration as %LEL. *(Note time & sampling point)*				
(1)	0			
(2)				
(3)				
Oxygen concentration as % volume. *(Note time &sampling point.)*				
(1)	0			
(2)				
(3)				
Tank Material	STEEL			
Wrapping/Coating, if any	NO			
Obvious holes?	YES			

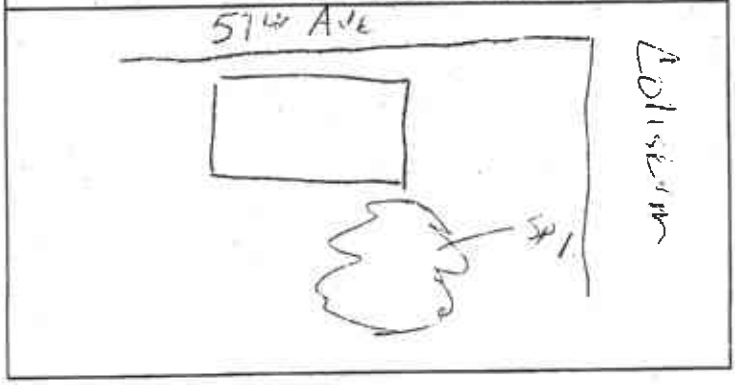
Tank Observations	T #1	T #2	T #3	T #4
Obvious corrosion?				
Obvious odors from tank?	YES			
Seams intact?	YES			
Tank bed backfill material	SOIL			
Obvious discoloration?	YES			
Obvious odors ex tank bed?	YES			
Water in excavation?	NO			
Sheen/product on water?	NO			
Tank tagged by transporter?	YES			
Tank wrapped for transport?	YES			
Tank plugged w/ vent cap?	YES			
Date/time tank hauled off?	9/4/02			
No. of soil samples taken?	1			
Depth of soil samples (ft. bgs)	8FT			

Piping Removal	Yes	No	N/A
All piping removed hauled off w/ tanks?	X		
Obvious holes on pipes?			✓
Obvious odors from pipes?			✓
Obvious soil discoloration in piping trench?			✓
Obvious odors from piping trench?			✓
Water in piping trench?			✓
Number & depth of soil samples from piping trench?		SEE NOTE	
Number & depth of water samples from piping trench?			

General Observations	Yes	No	N/A
Leak from any tank suspected?	✓		
"Leak Report" form given to the operator?	✓		
Obviously contaminated soil excavated?	✓		
Soil stockpile sampled?	✓		
Stockpile lined AND covered?	✓		
Water in excavation sampled?			✓
Number/depth of water samples taken?			
All samples properly preserved for transport?	✓		

Additional Observations	Yes	No	N/A
Soil/water sampling protocols acceptable?	✓		
Sampling "chain of custody" noted?	✓		
Tank pit filled in or covered?			✓
Tank pit fenced or barricaded?	✓		
Transporter a registered HW hauler?	✓		
Uniform HW Manifest completed?	✓		
Contractor/Consultant reminded of complete UST Removal Report due within 30 days?	✓		
Date/Time removal/closure operations completed?		9/4/02	
OT hours or additional charges due from contractor?		NONE	

SITE & SAMPLING DIAGRAM



Notes/Comments: APPEARS TO O/D SUCTION SYSTEM. NO PIPING OR TRENCH NOTED

OAKLAND FIRE DEPARTMENT/OFFICE OF EMERGENCY SERVICES
HAZARDOUS MATERIALS UNIT

1605 Martin Luther King Jr. Way, Oakland, CA 94612 • (510) 238-3938

HAZARDOUS MATERIALS INSPECTION REPORT

Site Number	Facility Name	Facility Address	Zip Code
	AAA EQUIPMENT	745 57 AVE	

Inspection Report

☐ **PERMISSION TO INSPECT GRANTED**

Removal of 800 gal steel underground storage tank. No water encountered during removal. Tank inerted and shipped for disposal. No ~~AB~~ problems noted. Provide copy of closure report within 30 days

Facility Contact/Print Name:	Inspected By:	☒ Griffin	
		☐ Insp. Matthews	238-2396
238-3938		☐ Insp. Craford	238-7758
Facility Contact/Signature:		☐ Insp. Gomez	238-7253
for AAA EQUIPMENT	Date:	9/4/02	

APPENDIX D

Standard Operating Procedures for Soil Sample Collection

STANDARD OPERATING PROCEDURES FOR SOIL SAMPLE COLLECTION

During 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 labelled 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 one to three feet into the soil then 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 confirmation soil samples will be collected from the base of the 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. A clean brass liner will then be pushed into 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.

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

CHAIN-OF-CUSTODY PROCEDURES

Sample Handling:

All soil and water samples will be labelled 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.

Transfer of Custody to Laboratory:

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

Laboratory Analytical Reports

Submission#: 2002-09-0076

September 10, 2002

Morgan Environmental Services
2433 Poplar Street
Oakland, CA 94607-2413
Attn.: Tom Morgan
Project#: 1923
Project: AAA Equipment

SEVERN TRENT LABORATORY

STL San Francisco
1220 Quarry Ln
Pleasanton CA 94566

Tel.: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP#:2496

Dear Tom,

Attached is our report for your samples received on 09/05/2002 17:25
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 10/20/2002 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: vvancil@chromalab.com

Sincerely,

Vincent Vancil
Project Manager

SEVERN TRENT SERVICES

STL San Francisco

Sample Receipt Checklist

Submission #: 2002- 09 - 0076

Checklist completed by: (initials) DSH Date: 09/05/02

Courier name: ☒ STL San Francisco ☐ Client _____

Custody seals intact on shipping container/samples	Yes____ No____	Not Present ✓
Chain of custody present?	Yes ✓	No____
Chain of custody signed when relinquished and received?	Yes ✓	No____
Chain of custody agrees with sample labels?	Yes ✓	No____
Samples in proper container/bottle?	Yes ✓	No____
Sample containers intact?	Yes ✓	No____
Sufficient sample volume for indicated test?	Yes ✓	No____
All samples received within holding time?	Yes ✓	No____
Container/Temp Blank temperature in compliance (4^0 C ± 2)?	Temp: 4.0 °C Yes ✓	No____
Water - VOA vials have zero headspace?	No VOA vials submitted ✓ Yes____	No____

(if bubble is present, refer to approximate bubble size and itemize in comments as **S** (small ~O), **M** (medium ~ O) or L (large ~ O)

Water - **pH acceptable upon receipt?** ☐ Yes ☐ No

☐ **pH adjusted**– Preservative used: ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: _____

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: _____/_____/02

Client contacted: ☐ Yes ☐ No

Summary of discussion: _____

Corrective Action (per PM/Client): _____

Submission #: 2002-09-0076

Diesel

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SOIL 1 UNDER TANK SAMPLE	09/04/2002 15:00	Soil	1

Submission#: 2002-09-0076

September 10, 2002

SEVERN TRENT LABORATORY

STL San Francisco
1220 Quarry Ln
Pleasanton CA 94566

Tel.: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP#:2496

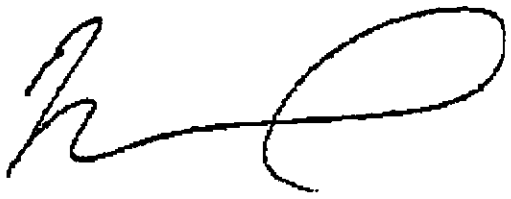
Morgan Environmental Services
2433 Poplar Street
Oakland, CA 94607-2413
Attn.: Tom Morgan
Project#: 1923
Project: AAA Equipment

Dear Tom,

Attached is our report for your samples received on 09/05/2002 17:25
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 10/20/2002 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: vvancil@chromalab.com

Sincerely,



Vincent Vancil
Project Manager

Submission #: 2002-09-0076

Diesel

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromelab.com

CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SOIL 1 UNDER TANK SAMPLE	09/04/2002 15:00	Soil	1

Submission #: 2002-09-0076

Diesel

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 3550/8015M
Sample ID: **SOIL 1 UNDER TANK SAMPLE**
Sampled: 09/04/2002 15:00
Matrix: Soil

Test(s): 8015M
Lab ID: 2002-09-0076 - 1
Extracted: 9/6/2002 09:46
QC Batch#: 2002/09/06-02.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	4700	50	mg/Kg	50.00	09/07/2002 07:18	ndp
Surrogates(s)						
o-Terphenyl	NA	60-130	%	50.00	09/07/2002 07:18	sd

Submission #: 2002-09-0076

Diesel

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 3550/8015M
Method Blank
MB: 2002/09/06-02.10-001

Soil

Test(s): 8015M
QC Batch # 2002/09/06-02.10
Date Extracted: 09/06/2002 09:46

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	1	mg/Kg	09/06/2002 16:27	
Surrogates(s)					
o-Terphenyl	83.6	60-130	%	09/06/2002 16:27	

Submission #: 2002-09-0076

Diesel

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2002/09/06-02.10**

LCS 2002/09/06-02.10-002 Extracted: 09/06/2002 Analyzed: 09/06/2002 15:12
LCSD 2002/09/06-02.10-003 Extracted: 09/06/2002 Analyzed: 09/06/2002 15:49

Compound	Conc. mg/Kg		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	43.1	41.9	41.7	103.4	100.5	2.8	60-130	25		
Surrogates(s)										
o-Terphenyl	18.3	17.8	20.0	91.5	88.8		60-130	0		

Submission #: 2002-09-0076

Diesel

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 3550/8015M

Test(s): 8015M

Matrix Spike (MS / MSD) **Soil** **QC Batch # 2002/09/06-02.10**

SOIL 1 UNDER TANK SAMPLE >> MS

Lab ID: 2002-09-0076 - 001

MS: 2002/09/06-02.10-004 Extracted: 09/06/2002 Analyzed: 09/06/2002 23:54
Dilution: 5.00

MSD: 2002/09/06-02.10-005 Extracted: 09/06/2002 Analyzed: 09/07/2002 00:32
Dilution: 5.00

Compound	Conc. mg/Kg			Spk.Level	Recovery			Limits %		Flags	
	MS	MSD	Sample	mg/Kg	MS	MSD	RPD	Rec.	RPD	MS	MSD
Diesel	3580	5810	4700	41.3	-2711.	2668.3	-246	60-130	25	mso	mso,rpd
Surrogate(s)											
o-Terphenyl	NA	NA		20.0	0.0	0.0		60-130	0	sd	sd

Submission #: 2002-09-0076

Diesel

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Legend and Notes

Result Flag

mso

MS/MSD spike recoveries were out of QC limits due to matrix interference. Precision and Accuracy were verified by LCS/LCSD.

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

rpd

Analyte RPD was out of QC limits due to sample heterogeneity.

sd

Surrogate recovery not reportable due to required dilution.

APPENDIX F

Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report

Submission #: 2002-09-0076

Gas/BTEX Compounds (High Level)

Morgan Environmental Services

Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY

STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SOIL 1 UNDER TANK SAMPLE	09/04/2002 15:00	Soil	1

Submission #: 2002-09-0076

Gas/BTEX Compounds (High Level)

Morgan Environmental Services

Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY

STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 5030
5030

Test(s): 8021B
8015M

Sample ID: **SOIL 1 UNDER TANK SAMPLE**

Lab ID: 2002-09-0076 - 1

Sampled: 09/04/2002 15:00

Extracted: 9/7/2002 09:00

Matrix: Soil

QC Batch#: 2002/09/07-05.03

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3300	500	mg/Kg	50.00	09/10/2002 13:28	
Benzene	ND	31	mg/Kg	50.00	09/10/2002 13:28	
Toluene	ND	31	mg/Kg	50.00	09/10/2002 13:28	
Ethyl benzene	ND	31	mg/Kg	50.00	09/10/2002 13:28	
Xylene(s)	ND	31	mg/Kg	50.00	09/10/2002 13:28	
MTBE	ND	31	mg/Kg	50.00	09/10/2002 13:28	
Surrogates(s)						
Trifluorotoluene	NA	53-125	%	1.00	09/10/2002 13:28	sd
4-Bromofluorobenzene-FID	NA	58-124	%	1.00	09/10/2002 13:28	sd

Submission #: 2002-09-0076

Gas/BTEX Compounds (High Level)

Morgan Environmental Services

Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY

STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030 Test(s): 8015M

Method Blank **Soil** **QC Batch # 2002/09/07-05.03**

MB: 2002/09/07-05.03-001 Date Extracted: 09/07/2002 09:00

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	10	mg/Kg	09/07/2002 14:34	
Benzene	ND	0.62	mg/Kg	09/07/2002 14:34	
Toluene	ND	0.62	mg/Kg	09/07/2002 14:34	
Ethyl benzene	ND	0.62	mg/Kg	09/07/2002 14:34	
Xylene(s)	ND	0.62	mg/Kg	09/07/2002 14:34	
MTBE	ND	0.62	mg/Kg	09/07/2002 14:34	
Surrogates(s)					
Trifluorotoluene	115.0	53-125	%	09/07/2002 14:34	
4-Bromofluorobenzene-FID	103.6	58-124	%	09/07/2002 14:34	

Submission #: 2002-09-0076

Gas/BTEX Compounds (High Level)

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030

Test(s): 8021B

Laboratory Control Spike **Soil** **QC Batch # 2002/09/07-05.03**

LCS 2002/09/07-05.03-002 Extracted: 09/07/2002 Analyzed: 09/08/2002 00:53
LCSD 2002/09/07-05.03-003 Extracted: 09/07/2002 Analyzed: 09/08/2002 01:24

Compound	Conc. mg/Kg		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	0.140	0.138	0.125	112.0	110.4	1.4	77-123	35		
Toluene	0.147	0.143	0.125	117.6	114.4	2.8	78-122	35		
Ethyl benzene	0.154	0.146	0.125	123.2	116.8	5.3	70-130	35		
Xylene(s)	0.453	0.430	0.375	120.8	114.7	5.2	75-125	35		
Surrogates(s)										
Trifluorotoluene	575	558	500	115.0	111.6		53-125	0		

Submission #: 2002-09-0076

Gas/BTEX Compounds (High Level)

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromelab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 5030

Test(s): 8015M

Laboratory Control Spike **Soil** **QC Batch # 2002/09/07-05.03**

LCS 2002/09/07-05.03-004 Extracted: 09/07/2002 Analyzed: 09/08/2002 01:55
LCSD 2002/09/07-05.03-005 Extracted: 09/07/2002 Analyzed: 09/08/2002 02:26

Compound	Conc. mg/Kg		Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Gasoline	0.665	0.628	0.625	106.4	100.5	5.7	75-125	35		
Surrogates(s)										
4-Bromofluorobenzene-FID	419	401	500	83.8	80.2		58-124	0		

Submission #: 2002-09-0076

Gas/BTEX Compounds (High Level)

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/05/2002 17:25

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Legend and Notes

Result Flag

sd

Surrogate recovery not reportable due to required dilution.

SEVERN TRENT SERVICES

STL ChromaLab

Chain of Custody

1220 Quarry Lane • Pleasanton CA 94566-4756
Phone: (925) 484-1919 • Fax: (925) 484-1096
Email: info@chromalab.com

Reference #: 68588

2002-09-0076

Date _____ Page 1 of 1

From

Proj. Mgr	TOM MORGAN
Company	MORGAN ENVIRO
Address	2433 POPLAR ST OAKLAND CA 94607
Sampler (Signature)	
Phone	510 267-0134
Fax/Email	510 267-0140

Analysis Request

Sample ID	Date	Time	Matrix	Preserv.	TPH (EPA 8015, 8020/8021) ☐Gas w/ ☒BTEX ☒MTBE	Purgeable Aromatics BTEX (EPA 8020/8021)	TEPH (EPA 8015M) ☐ Silica Gel ☐ Diesel ☐ Motor Oil ☐ Other ___	Fuel Oxygenates (8260B) ☐ MTBE ☐ Full List ☐ DCA, EDB ☐ BTEX	Purgeable Halocarbons (HVOCs) (EPA 8010/8021)	Volatile Organics GC/MS (VOCs) (EPA 8260A/8260B)	Semivolatiles GC/MS (EPA 8270)	Oil and Grease ☐ Petroleum ☐ Total (EPA 1664)	Pesticides (EPA 8081) ☐ PCBs (EPA 8082)	PNAs by ☐ 8270 ☐ 8310	CAM17 Metals (EPA 6010/7470/7471)	Metals: ■ Lead ☐ LUFT ☐ RCRA ☐ Other: ___	W.E.T (STLC) ☐ TCLP	Hexavalent Chromium pH (24h hold time for H_2O)	Spec Cond. ☐ Alkalinity ☐ TSS	Anions: ☐ Cl ☐ SO_4 ☐ NO_3 ☐ F ☐ Br ☐ NO_2 ☐ PO_4	TPHD				
SOIL 1	9/5/02	1500	SOIL	NONE	X																	X			
WATER TANK																									
SAMPLE																									

RUSH

Project Info.

Project Name:	AAA EQUIPMENT
Project#:	1923
PO#:	1923
Credit Card#:	

TAT: Std 5 Day | (72h) | 48h | 24h

Report: ☐ Routine ☐ Level 2 ☐ Level 3 ☐ Level 4 ☑ EDD

Special Instructions / Comments:

Sample Receipt

# of Containers:	1
Head Space:	
Temp:	4.0°C
Conforms to record:	
Other	

1) Relinquished by:
Signature Time
TOM MORGAN
Printed Name Date
MES
Company

2) Relinquished by:
Signature Time
Printed Name Date
Company

3) Relinquished by:
Signature Time
Printed Name Date
STL-SF
Company

1) Received by:
Signature 1110 Time
Printed Name 9/5/02 Date
STL-SF
Company

2) Received by:
Signature Time
Printed Name Date
Company

3) Received by:
Signature Time
D Harrington 1725
Printed Name Date
STL-SF 9/5/02
Company

Rev 8/4/

Submission#: 2002-09-0250

September 16, 2002

SEVERN TRENT LABORATORY

STL San Francisco
1220 Quarry Ln
Pleasanton CA 94566

Tel.: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP#:2496

Morgan Environmental Services
2433 Poplar Street
Oakland, CA 94607-2413
Attn.: Tom Morgan
Project#: 1923
Project: AAA Equipment

Dear Tom,

Attached is our report for your samples received on 09/13/2002 00:00
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 10/28/2002 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: vvancil@chromalab.com

Sincerely,

Vincent Vancil
Project Manager

Submission #: 2002-09-0250

SEVERN TRENT LABORATORY

Total Lead

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/13/2002

STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
SOIL 1 UNDER TANK SAMPLE	09/04/2002 15:00	Soil	1

Submission #: 2002-09-0250

Total Lead

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/13/2002

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Prep(s): 3050B
Test(s): 6010B
Sample ID: **SOIL 1 UNDER TANK SAMPLE**
Lab ID: 2002-09-0250 - 1
Sampled: 09/04/2002 15:00
Extracted: 9/13/2002 10:17
Matrix: Soil
QC Batch#: 2002/09/13-05.15

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Lead	87	1.0	mg/Kg	1.00	09/14/2002 01:01	

APPENDIX F

Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report

Submission #: 2002-09-0250

Total Lead

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/13/2002

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 3050B
Method Blank
MB: 2002/09/13-05.15-065

Soil

Test(s): 6010B
QC Batch # 2002/09/13-05.15
Date Extracted: 09/13/2002 10:17

Compound	Conc.	RL	Unit	Analyzed	Flag
Lead	ND	1.0	mg/Kg	09/13/2002 22:38	

Submission #: 2002-09-0250

Total Lead

Morgan Environmental Services
Attn.: Tom Morgan
2433 Poplar Street
Oakland, CA 94607-2413
Phone: (510) 267-0134 Fax: (510) 267-0140

Project: 1923
AAA Equipment

Received: 09/13/2002

SEVERN TRENT LABORATORY
STL San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Tel: (925) 484-1919
Fax: (925) 484-1096
www.stl-inc.com
www.chromalab.com

CA DHS ELAP# 2496

Batch QC Report

Prep(s): 3050B

Test(s): 6010B

Laboratory Control Spike **Soil** **QC Batch # 2002/09/13-05.15**

LCS 2002/09/13-05.15-066 Extracted: 09/13/2002 Analyzed: 09/13/2002 22:43
LCSD 2002/09/13-05.15-067 Extracted: 09/13/2002 Analyzed: 09/13/2002 22:47

Compound	Conc.	mg/Kg	Exp.Conc.	Recovery		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Lead	96.3	95.4	100.0	96.3	95.4	0.9	80-120	20		

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY: ☐ YES ☒ NO

HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? ☐ YES ☒ NO

FOR LOCAL AGENCY USE ONLY
I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
SIGNED ______ DATE ______

REPORT DATE: 07/11/02
CASE #:

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: JONATHAN SPEIR
PHONE: (510) 267-0134
SIGNATURE: [signature]

REPRESENTING: ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER ______

COMPANY OR AGENCY NAME: MORGAN ENVIRONMENTAL SERVICES

ADDRESS: 2433 POPLAR STREET OAKLAND CITY CALIFORNIA STATE 94607 ZIP

RESPONSIBLE PARTY

NAME: KATHY KOVEL ☐ UNKNOWN
CONTACT PERSON: SAME
PHONE: 925-284-4407 (510) ~~535~~

ADDRESS: 3343 ORCHARD VALLEY STREET LAFAYETTE CITY CALIFORNIA STATE 94549 ZIP

SITE LOCATION

FACILITY NAME (IF APPLICABLE): AAA EQUIPMENT
OPERATOR:
PHONE: ( )

ADDRESS: 795 50TH STREET OAKLAND CITY ALAMEDA COUNTY ZIP

CROSS STREET: ~~[illegible]~~ SAN LEANDRO

IMPLEMENTING AGENCIES

LOCAL AGENCY / AGENCY NAME: OAKLAND FIRE DEPT
CONTACT PERSON: LEROY GRIFFIN
PHONE: (510) 238-7759

REGIONAL BOARD: SAN FRANCISCO RWQB
PHONE: ( )

SUBSTANCES INVOLVED

(1) NAME: POSSIBLE GASOLINE/DIESEL — QUANTITY LOST (GALLONS): ☒ UNKNOWN

(2) — ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 09/04/02

HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER ______

DATE DISCHARGE BEGAN: M M d d y y ☒ UNKNOWN

METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): ☒ REMOVE CONTENTS ☒ CLOSE TANK & REMOVE ☐ REPAIR PIPING ☐ REPAIR TANK ☐ CLOSE TANK & FILL IN PLACE ☐ CHANGE PROCEDURE ☐ REPLACE TANK ☐ OTHER ______

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE 09/04/02

SOURCE/CAUSE

SOURCE OF DISCHARGE: ☒ TANK LEAK ☐ UNKNOWN ☐ PIPING LEAK ☐ OTHER

CAUSE(S): ☐ OVERFILL ☐ RUPTURE/FAILURE ☐ SPILL ☒ CORROSION ☐ UNKNOWN ☐ OTHER ______

CASE TYPE

CHECK ONE ONLY: ☒ UNDETERMINED ☐ SOIL ONLY ☐ GROUNDWATER ☐ DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)

CURRENT STATUS

CHECK ONE ONLY:
☐ NO ACTION TAKEN ☐ PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED ☐ POLLUTION CHARACTERIZATION
☐ LEAK BEING CONFIRMED ☒ PRELIMINARY SITE ASSESSMENT UNDERWAY ☐ POST CLEANUP MONITORING IN PROGRESS
☐ REMEDIATION PLAN ☐ CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) ☐ CLEANUP UNDERWAY

REMEDIAL ACTION

CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)
☐ EXCAVATE & DISPOSE (ED) ☐ REMOVE FREE PRODUCT (FP) ☐ ENHANCED BIO DEGRADATION (IT)
☐ CAP SITE (CD) ☐ EXCAVATE & TREAT (ET) ☐ PUMP & TREAT GROUNDWATER (GT) ☐ REPLACE SUPPLY (RS)
☐ CONTAINMENT BARRIER (CB) ☐ NO ACTION REQUIRED (NA) ☐ TREATMENT AT HOOKUP (HU) ☐ VENT SOIL (VS)
☐ VACUUM EXTRACT (VE) ☐ OTHER (OT) ______

COMMENTS

MATERIAL (SOIL) TESTED POSITIVE FOR TPHD AT 4700 PPM AND TPHG 3300 PPM, NO BTXE OR MTBE FOUND