Underground Storage Tank Removal
and Soil Excavation Report
Alameda City Hall
2263 Santa Clara Avenue
Alameda, California 94501

Prepared for:

Andrew S. Gaber
Associate Civil Engineer
Public Works Department
City of Alameda
2263 Santa Clara Avenue
Alameda, California 94501

Prepared by:

RGA Environmental, Inc.
1260 45th Street
Emeryville, CA 94608

CTYA-1417

October, 1994

ENVIRONMENTAL INC

September 23, 1994

CTYA-1417
E-20-12-109

HC/RGA:AlamedaUSTRpt

Mr. Andrew S. Gaber
Associate Civil Engineer
City of Alameda
Public Works Department, Room 207
2263 Santa Clara Avenue
Alameda, California 94501-4455

RE: UNDERGROUND STORAGE TANK REMOVAL
AND SOIL EXCAVATION
ALAMEDA CITY HALL
NO. P.W. 02-94-02
2263 SANTA CLARA AVENUE
ALAMEDA, CALIFORNIA 94501

Dear Mr. Adams:

Enclosed is our underground storage tank removal and soil excavation report for the Alameda City Hall Underground Storage Tank Removal project, No. P.W. 02-94-02. The enclosed report contains a description of our services, including observation of the tank removals, soil and ground water sampling methodology, the results of the soil and ground water sample analyses, and a discussion of the analytical test results. Our conclusions and recommendations regarding site environmental quality are also included.

We recommend that one copy of this report be submitted to Alameda County Health Care Services Agency, with a request for site closure. The request should be addressed as follows:

Lawrence Seto
Senior Hazardous Materials Specialist
Alameda County Health Care Services Agency
Division of Hazardous Materials
1131 Harbor Bay Parkway, Second Floor
Alameda, California 94502

567-6700

ENVIRONMENTAL CONSULTANTS
GEOLOGISTS
ENGINEERS
INDUSTRIAL HYGIENISTS

1260 45TH STREET
EMERYVILLE, CA
94608-2907
510 547 7771
FAX 510 547 1983

LOS ANGELES
213 930 1197

We appreciate the opportunity to provide services to you on this project and trust this report meets your needs at this time. If you have any questions, or require additional information, please do not hesitate to call.

Sincerely,

RGA ENVIRONMENTAL, INC.

David F. Hoexter, RG/CEG/REA
Senior Consulting Geologist

Robert E. Gils, CIH
Vice President

UNDERGROUND STORAGE TANK
REMOVAL AND SOIL EXCAVATION
ALAMEDA CITY HALL
2263 SANTA CLARA AVENUE
ALAMEDA, CALIFORNIA 94501

For

City of Alameda
Public Works Department
Alameda, California

To

Mr. Andrew S. Gaber
Associate Civil Engineer
City of Alameda
Public Works Department, Room 207
2263 Santa Clara Avenue
Alameda, California 94501-4455

September 23, 1994

David F. Hoexter, RG/CEG/REA
Senior Geologist

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UNDERGROUND STORAGE TANK
REMOVAL AND SOIL EXCAVATION
ALAMEDA CITY HALL
2263 SANTA CLARA AVENUE
ALAMEDA, CALIFORNIA 94501

1.0 INTRODUCTION

The purpose of this report is to document the removal of three underground storage tanks (UST), and subsequent excavation of soil from the location of one of the tanks, from the Alameda City Hall parking lot, City of Alameda, California. The site is located on Figure One, Location Map.

The tank removal and soil excavation were conducted under permit to the City of Alameda Central Permits Office and Fire Department; Alameda County Department of Environmental Health; and the Bay Area Air Quality Management District. Two of the tanks had been in service until relatively recently; the third tank had been out of service and abandoned for an unknown period of time, probably on the order of several decades. The work was conducted during the months of June and July, 1994.

Following UST removal and confirmation soil sampling and testing, additional soil was excavated from the UST T-1 location. It was not possible to remove all of the contaminated building, due to the presence of an existing monitoring well, the immediately adjacent structure, and active underground utilities. Excavated soil was aerated on site, and subsequently removed to a landfill.

Tank removal and excavation were observed by, and the soil and ground water sampling conducted by, David F. Hoexter, REA/RG/CEG.

2.0 BACKGROUND AND TANK HISTORY

Three underground storage tanks were identified for removal. The locations of the tanks are shown on Figure 2, Site Plan. UST T-1 and T-2 were permitted tanks in use until relatively recently. Copies of relevant permitting documents are included as Appendix A of this report. UST T-3 had not been used for several decades, and was only tentatively identified prior to the removal. A geophysical survey and probing by City of Alameda personnel verified its existence.

One monitoring well is located adjacent to each of UST T-1 and T-2. The wells were installed by Aqua Science Engineers, Inc. for the City of Alameda in June, 1986. The wells were each completed to a depth of 18.0 feet. The wells have been sampled on a semi-annual basis (twice per year) since their installation.

Tank No. 1

Tank No. 1 was located adjacent to the existing garage building, and contained approximately 280 gallons of unleaded fuel. The tank was of steel construction, was installed in 1948, and was registered/permitted.

Tank No. 2

Tank No. 2 was located in the near-vicinity of UST T-1, adjacent to the police car parking lot. The tank was approximately 1,000 gallons in capacity, and most recently held leaded fuel. The tank was of steel construction. The tank was installed in 1956, and was registered/permitted.

Tank No. 3

The existence of UST T-3 was initially inferred from the memory of a city employee, from the presence of two possible fill ports, from a magnetic survey anomaly, and from probing of the ground immediately adjacent to the apparent fill ports. The inferred tank was located under the sidewalk adjacent to Oak Street at the City Hall parking lot entrance, and most likely contained fuel oil. The volume of the tank was initially unknown; the volume was established upon its removal at approximately 1500 gallons. The tank was of steel construction. According to records at the City of Alameda Fire Department (pers. communication, Steve McKinley), the tank was installed in 1937.

3.0 TANK REMOVAL

3.1 Introduction

The tank removal and subsequent related services was conducted by VCI of California, California contractor's licence 487537. VCI is located in San Leandro, California.

3.2 Permits

The EPA Generator Number obtained by the City of Alameda was CAC-000960768.

The contractor obtained required permits from the County of Alameda, Department of Environmental Health, Hazardous Materials Division; Bay Area Air Quality Management District (BAAQMD); and City of Alameda Central Permits Office (includes Fire Department). Copies of the permits are included in Appendix B. The contractor also completed State of California Underground Storage Tank Permit Application Forms A and B for the three tanks. These permits, as well as copies of previous Forms A and B for UST T-1 and T-2 are also included in Appendix B.

3.3 Site Preparation

The UST removal was initiated by removal of asphaltic pavement and the concrete sidewalk. The contractor then exposed UST T-1 and T-2, and removed the tank contents. The contents were transported by the contractor to its operations facility, and thus were not recycled or disposed of. The contractor removed 280 gallons from T-1.

and 52 gallons from T-2. Subsequently, UST T-3 was exposed, and approximately 280 gallons of a viscous petroleum hydrocarbon were removed.

3.4 Tank Removal

The removal process was conducted on two separate days. UST T-1 and T-2 were removed on June 15, 1994, and confirmation soil samples were obtained on June 17, 1994. UST T-3 was removed on June 21, 1994, and confirmation soil samples obtained the same day. The removal of T-1 and T-2 was observed by Mike Edwards of the City of Alameda Fire Department, and by Larry Seto of the County of Alameda Department of Health Care Services. The removal of T-3 was observed by Steve McKinley of the City of Alameda Fire Department, and by Larry Seto of the County of Alameda Department of Health Care Services. Mr. Seto observed the confirmation soil sampling of all three tanks.

Prior to removal, soil overlying and adjacent to each of the tanks was removed with a backhoe, and stockpiled on-site. Each tank was purged of volatiles by dropping dry ice into the fill port end of the tanks. LEL and oxygen content were checked by the contractor and verified by the Fire Department representative. Heavy chains were secured to each of the tanks, and the tanks were in turn lifted by the backhoe. Associated piping was also removed, excepting T-3. Piping associated with T-3 was overlain by a buried telephone line and concrete sidewalk at a depth on the order of seven feet, and with the agreement of Larry Seto, was capped by the contractor.

The tanks were visually observed for evidence of corrosion or leakage. There was no observed corrosion or holes on UST T-1. An area of corrosion was observed on UST T-2. There was no observed corrosion or holes on UST T-3.

A small volume of odiferous soil was removed from the UST T-2 excavation following tank removal and prior to confirmation soil sampling. Free ground water was observed in the T-2 excavation following the soil removal.

Excavated soils were stockpiled on site for aeration and subsequent disposal.

3.5 Tank Transport and Disposal

Uniform Hazardous Waste Manifests and Destruction Certificates are provided in Appendix C. The following identification applies to the three tanks.

Tank ID	Manifest Number	Identification Number
1	93158481	13918
2	93158481	13917
3	93158486	13992

The tanks were transported intact by Dexana Ltd, US EPA ID Number CAD-982438566, to Certified Services Company (Erickson), of Richmond, California, US EPA ID Number CAD-009466392. The tanks were destroyed by Certified Services.

3.6 Excavation Backfill

The excavations were backfilled with pea gravel obtained from the Kaiser Quarry in Pleasanton, California. The excavations were backfilled immediately after tank removal, due to the potential for cave-in, and the need to re-establish access to the City Hall structures and to the parking lot.

4.0 CONFIRMATION SOIL AND GRAB GROUND WATER SAMPLING

4.1 Sampling Methodology

Confirmation soil and grab ground water samples were obtained from the T-1 and T-2 excavations on June 17, 1994, and from the T-3 excavation on June 21, 1994. The soil sampling was observed by Larry Seto; the ground water sampling location and method were agreed upon by Mr. Seto. The number and type of analyses were based on Regional Water Quality Control Board Guidelines, and verified by Larry Seto. Mr. Seto observed the soil sampling.

One soil sample was obtained from the T-1 excavation approximately one foot below the base of the tank, at a depth of approximately eight feet below the ground surface (BGS). Ground water was present in the T-2 excavation, and thus soil samples were obtained from the excavation side walls, at depths of from 8.5 to 9.5 feet BGS, and a grab ground water sample was obtained from the standing water. The soil samples were obtained from the vadose zone, slightly above the ground water table. Two soil samples were required from the T-3 excavation. It was not possible to obtain the samples from the base of the excavation, due to the presence of untreated sewage from a broken sewer line (repaired prior to removal of the tank). Thus, one sample was obtained from depths of 6.5 to 7.0 feet from either end of the excavation. Sample locations are shown on Figure 3, Sample Locations.

The excavation soil sampling procedure is summarized as follows. A minimum of one foot of in-situ soil was removed from the excavation wall or bottom. A scoop of soil from the backhoe bucket was sampled using a slide percussion hammer soil sampler, with a two inch diameter by six inch long stainless steel sample sleeve (liner). Some of the samples were obtained directly from the excavation side wall, utilizing the slide percussion hammer sampler. Each soil sample was directly sealed with teflon tape and a plastic cap secured by "duct" tape, labeled, and stored in a cooled ice chest. The water sample was obtained by lowering a new, disposable teflon bailer on string into the excavation. The water samples were transferred into containers supplied by the laboratory, labeled, and stored in a cooled ice chest.

4.2 Analytical Test Methods

The samples were transported under chain of custody control to Superior Precision Analytical, of San Francisco and Martinez, California, and selectively analyzed for total petroleum hydrocarbons as gasoline (TPH-G), with purgeable aromatic compound distinction (benzene, toluene, xylenes, and ethylbenzene (BTXE)) by EPA Methods SW-846:5030/8015 (modified) /8020; for total petroleum hydrocarbons as diesel (TPH-D) by EPA Method 8015M; and for total lead by EPA Method 6010. Superior Precision Analytical is California Department of Toxic Substances Control, Environmental Protection Agency certified for the requested analyses.

4.3 Analytical Test Results

The analytical test results are presented in Appendix D, and are summarized in Table 1, which follows the text of this report.

The UST T-1 sample indicated the presence of 4,700 mg/kg (equivalent to parts per million, ppm) TPH-G, and elevated levels of purgeable aromatic compounds (BTEX). Lead was not detected.

Neither TPH-G nor BTEX compounds were detected in the four soil or the grab ground water sample from UST T-2. Lead was not detected in either the soil or the water samples.

Neither TPH-D nor BTEX compounds were detected in the two UST T-3 samples.

5.0 UST T-1 SOIL EXCAVATION

5.1 Soil Excavation

Based on the elevated levels of gasoline and purgeable aromatic compounds in the UST T-1 sample, the contractor was instructed to excavate as much soil as practical from the T-1 location. The excavated material consisted of medium dense to dense fine sand. The sand was generally brown where moist to dry and not odiferous; gray-brown near the ground water table; and blue-gray where odiferous.

The excavation was extended past the water table, with finite water seepage noted at approximately 11.5 feet BGS. Laterally, the excavation was limited by the presence of the immediately adjacent unreinforced brick garage building, to the west; a ground water monitoring well, to the south; and utilities to the east. The excavation was conducted with a backhoe, and extended to a depth of approximately 12 feet. The final excavation was 10 feet wide by 20 feet long (parallel to the adjacent building) in plan dimension. A total of approximately 60 cubic yards of soil was removed and spread on-site for aeration and subsequent disposal.

5.2 Analytical Test Results

The analytical test results of confirmation sampling following excavation are summarized on Table 2, and are included in this report as Appendix E. Six soil

samples, designated T-1, S-2 to S-7, were obtained from the side walls and excavation bottom. In general, visual observation and noted odor of the samples agreed with the analytical test results: an elevated level of 100 ppm TPH-G was detected in sample S-3, from the excavation side wall directly adjacent to the garage building; and 12 ppm TPH-G was detected in the sample (S-3) obtained from the south end of the former tank, adjacent to the ground water monitoring well.

6.0 STOCKPILED SOIL SAMPLING, ANALYSIS, AND DISPOSAL

6.1 Sampling and Analysis

Stockpiled soil resulted from the UST excavation and the subsequent T-1 over-excavation. Stockpiled soil was placed on-site in an approximately one foot thick lift on visqueen, and aerated.

The stockpiled soil was sampled by the contractor, in the same manner as the excavation confirmation samples. The initial UST excavation soil was sampled on July 7, 1994. A sketch of the sample locations is presented as the initial page of Appendix F. Three soil composites of four discrete samples each were obtained; samples P-1-4 and 5-8 were obtained from the UST T-1 and T-2 removals; samples P-7-11 were obtained from the UST T-3 removal. Soil from the T-1 over-excavation was sampled on July 13, 1994; two discrete samples were obtained for subsequent compositing. The samples were composited by the analytical laboratory.

The samples were analyzed, where applicable, for TPH-G, TPH-D, BTEX, lead, pH, and flashpoint. The analyses were conducted by Superior Precision Analytical, which is California Department of Toxic Substances Control, Environmental Protection Agency certified for the requested analyses.

The analytical test results are presented in Appendix F. The analytical test results indicated that TPH-G was non-detect or present at less than 2 ppm in each sample; TPH-D was non-detect at a detection limit of 10 ppm; benzene was non-detect; and the other purgeable volatile compounds were non-detect or present at very low levels.

6.2 Disposal

The soil was transported under manifest on July 19, 20 and 21, 1994, to BFI Waste Systems' Vasco Road, Alameda County, California facility. The soil was classified as "Non-Hazardous Special Waste". A total of 104.73 tons of soil was transported to Vasco Road. The manifests are included in Appendix G.

7.0 GEOLOGIC SETTING

Based on boring logs from the site monitoring well installation and geotechnical investigation of the adjacent Police Department building, and on our observations, the site is underlain to a depth of at least 50 feet by medium dense to dense clayey and silty fine grained sand. Ground water is present at a depth of approximately nine to twelve feet, varying within each year and from year to year.

8.0 DISCUSSION

Based on the UST removal soil and grab ground water analytical test results, petroleum hydrocarbons are not present at the UST T-2 and T-3 locations. Based on the confirmation sampling following the UST T-1 overexcavation, soil contamination has been reduced to minimal volume of relatively low levels, which cannot be removed due to the presence of the existing structure and monitoring well. The grab ground water sample from the T-2 excavation was non-detect, and monitoring well ground water analyses from the T-1 and T-2 wells (presented in Appendix H) have been non-detect in semi-annual monitoring conducted since 1987, with minor exceptions.

9.0 CONCLUSIONS

Based on our observations and the analytical test results, generally low levels (less than 100 ppm TPH-G) of petroleum hydrocarbons and constituent compounds remain in soils adjacent to the UST T-1 excavation. It is not practical to remove this soil. Based on our observations and the lack of ground water contamination, it is our opinion that the soil contamination is of limited extent and not likely to be of environmental or health concern.

Based on our observations and the analytical test results, petroleum hydrocarbons are not present at the UST T-2 and T-3 locations.

10.0 RECOMMENDATIONS

A copy of this report should be sent to the Alameda County Health Care Services, as follows:

Mr. Larry Seto
Environmental Health Services
Hazardous Materials Division
1131 Harbor Bay Parkway, Second Floor
Alameda, California 94502

We recommend that in a letter transmitting this report, a request be made for site closure / no further action.

11.0 LIMITATIONS

This report has been prepared according to generally accepted geologic and environmental practices. No other warranty, either expressed or implied as to the methods, results, conclusions or professional advice provided is made. It should be recognized that certain limitations are inherent in the evaluation of environmental conditions, and that certain conditions may not be detected during an investigation of this type. If you wish to reduce the level of uncertainty associated with this study, we should be contacted for additional consultation.

The analysis, conclusions and recommendations contained in this report are partially based on site conditions as they existed at the time of our investigation, on interviews

with individuals familiar with the site, including the current property owners, and on review of previous reports and correspondence relevant to the site conditions. Changes in the information or data gained from any of these sources could result in changes in our conclusions or recommendations. If such changes do occur, we should be advised so that we can review our report in light of those changes.

****

TABLE 1

CONFIRMATION SOIL SAMPLING - UST REMOVALS
SUMMARY OF ANALYTICAL TEST DATA
ALAMEDA CITY HALL

(Results reported in parts per million, mg/kg) (1)

Sample	TPH-G	Benzene	Toluene	Xylenes	Ethylbenzene	Lead
T-1, S-1 (4)	4700	8.4	95	340	59	ND
T-2, S-1 (3)	ND	ND	ND	ND	ND	ND
T-2, S-2 (3)	ND	ND	ND	ND	ND	ND
T-2, S-3 (3)	ND	ND	ND	ND	ND	ND
T-2, S-4 (3)	ND	ND	ND	ND	ND	ND
Det. Limit	1	0.005	0.005	0.005	0.005	5
T-2 Water	ND	ND	ND	ND	ND	ND
Det. Limit	0.050	0.0005	0.0005	0.0005	0.0005	0.1
	TPH-D					
T-3, S-1 (3)	ND	ND	ND	ND	ND	--
T-3, S-2 (3)	ND	ND	ND	ND	ND	--
Det. Limit	10	0.0005	0.0005	0.0005	0.0005	--

Notes:

(1) ND = non-detect
(2) --- = not-tested
(3) Side-wall sample
(4) Bottom sample

TABLE 2

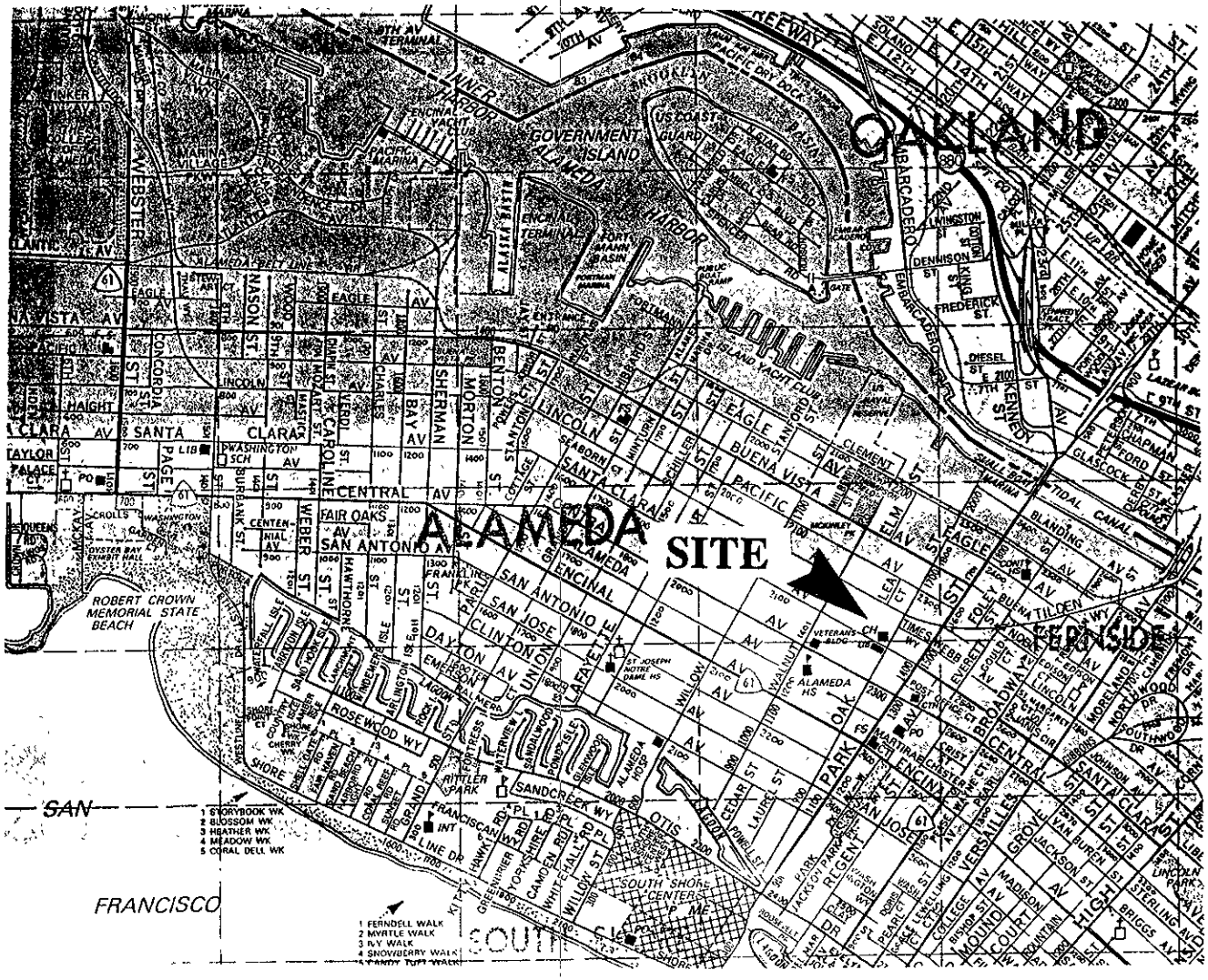
CONFIRMATION SOIL SAMPLING - T-1 EXCAVATION
SUMMARY OF ANALYTICAL TEST DATA
ALAMEDA CITY HALL

(Results reported in parts per million, mg/kg) (1)

Sample	Depth (ft)	TPH-G	Benzene	Toluene	Xylenes	Ethylbenzene
T-1, S-2	9-10 (3)	ND	ND	ND	ND	ND
T-1, S-3	9.5-10.3 (3)	100	0.63	4.1	8.9	1.6
T-1, S-4	9-10 (3)	12	ND	0.059	0.087	0.026
T-1, S-5	9-10.5 (3)	1	0.051	0.039	0.15	0.055
T-1, S-6	8-9 (3)	ND	ND	ND	ND	ND
T-1, S-7	12.5 (4)	ND	ND	ND	ND	ND
Det. Limit	--	1	0.005	0.005	0.005	0.005

Notes:

(1) ND = non-detect
(2) --- = not-tested
(3) Side-wall sample
(4) Bottom sample

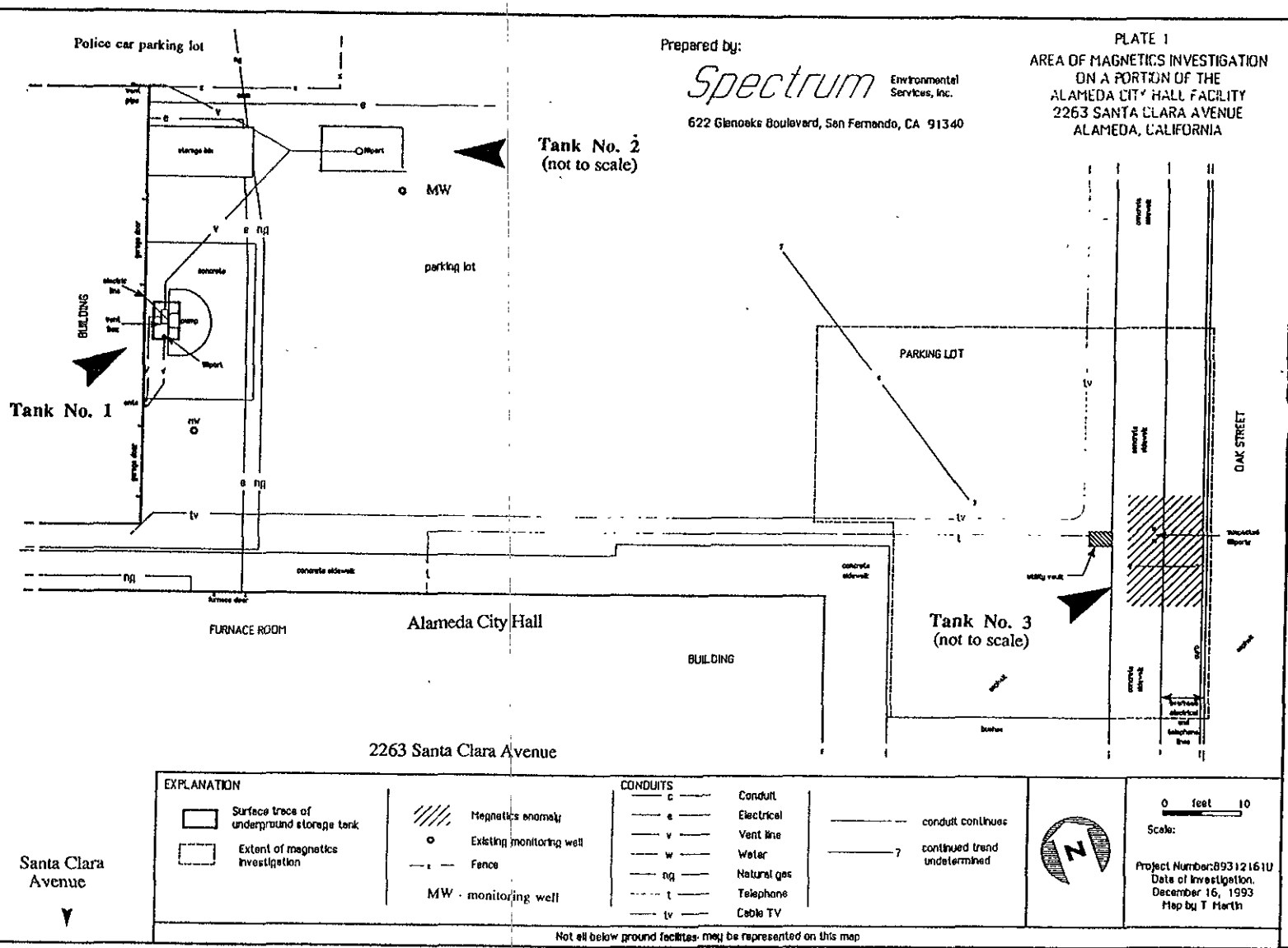


Approximate Scale

Base: Thomas Brothers Maps, 1991

EA Environmental Consultants

LOCATION MAP
Alameda City Hall
2263 Santa Clara Street
Alameda, California
September, 1994 Figure 1



ECA Environmental Consultants

SITE PLAN

Alameda City Hall

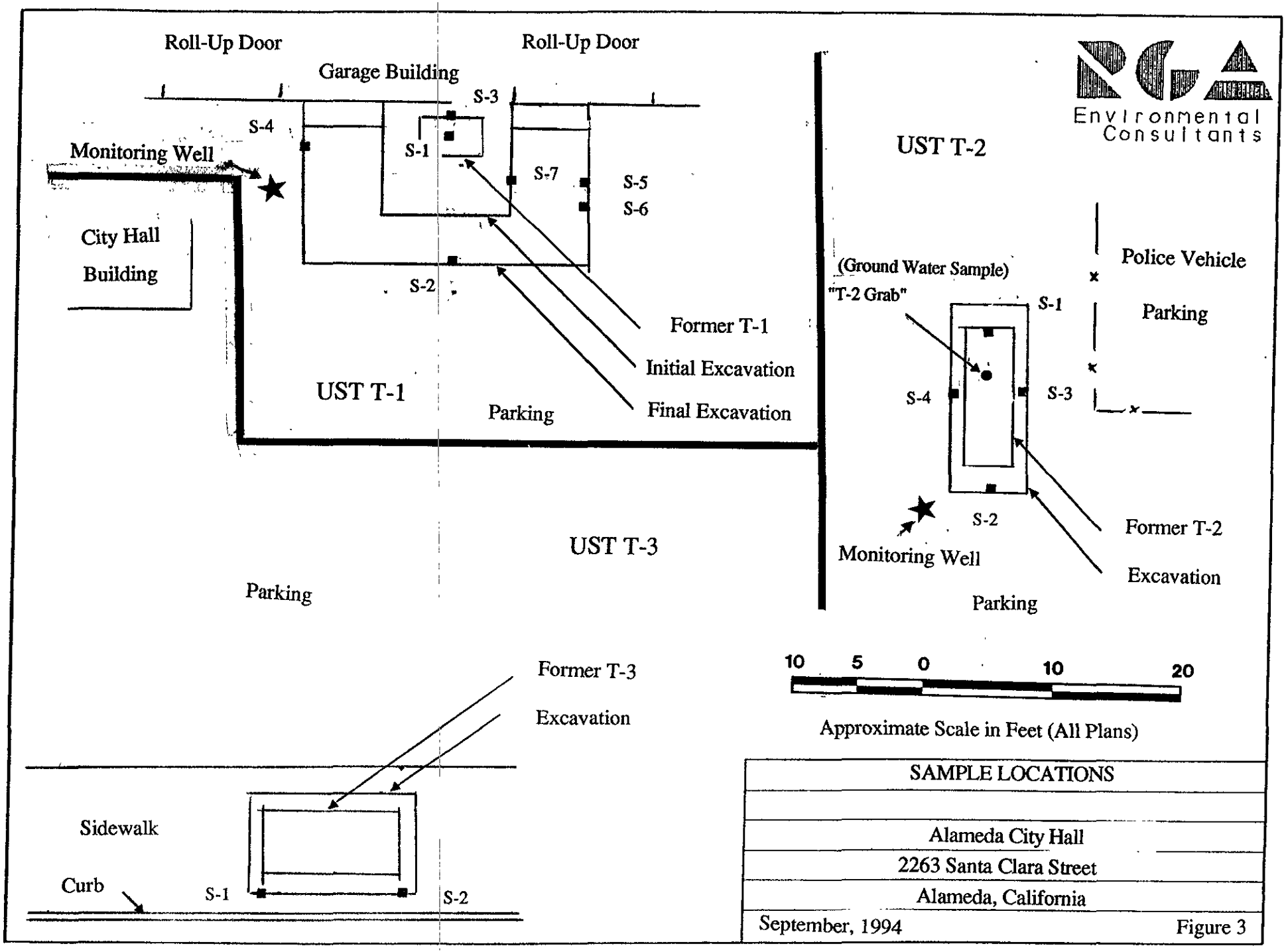
2263 Santa Clara Street

Alameda, California

September, 1994

Figure 2

Base: Spectrum Environmental Services, January, 1994, modified



SAMPLE LOCATIONS
Alameda City Hall
2263 Santa Clara Street
Alameda, California
September, 1994 — Figure 3

APPENDIX A

HAZARDOUS SUBSTANCE STORAGE STATEMENTS

T-1

Official Registration Form

California Water Resources Control Board

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1, 1984 and no later than January 1, 1985 for tanks used on farms).

Definition of Underground Containers: The law applies to "concrete sumps, nonvaulted buried tanks or other underground containers." (Water Code section 13173) All containers, including earthen walled pits, ponds, lagoons and sumps that are below the normal ground surface level must register. A tank sitting on the ground is not included. Containers partially beneath the surface are included. Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level.

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code. This includes gasoline, diesel fuel, all industrial solvents, pesticides, herbicides and fumigants. If the material must be carried by a registered hauler disposed of at a hazardous waste site, is explosive, generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank. Wastes are included.

Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank.

Penalties: For failure to file, the penalty is $500-$5,000 per day. If you falsify information, you can be fined up to $20,000 for each day the information is incorrect and has not been corrected.

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely. If you own more than 50 tanks you can file information on computer tape. Call 916/324-1262 for information.

This is not a Permit Application. All Underground Tanks will be subject to local regulation. Some jurisdictions have already begun programs. Check with your local county government for further information.

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner — Duplicate of Submittal 4/26/84

Name (Corporation, Individual or Public Agency)			
City of Alameda			
Street Address	**City**	**State**	**ZIP**
2263 Santa Clara Avenue	Alameda	CA	94501

II Facility

Facility Name	Dealer/Foreman/Supervisor	
Public Works Department	William C. Norton	
Street Address		**Nearest Cross Street**
2263 Santa Clara Avenue		Oak Street
City	**County**	**ZIP**
Alameda	Alameda	94501
Mailing Address	**City**	**State** / **ZIP**
2263 Santa Clara Avenue	Alameda	CA 94501
Phone w/area code	**Type of Business**	
415-522-4100 ext 272	☐ 01 Motor Vehicle Fuel Station ☐ 02 Other: City Offices	
Number of Tanks at this Facility	**Rural Areas Only:**	**Township** / **Range** / **Section**
2		

III 24 Hour Emergency Contact Person

Days: Name (last name first) and Phone w/area code	Nights: Name (last name first) and Phone w/area code
Jerry Eichelberger 415-522-4100 x 220	Alameda Police Department Desk Sargent 522-122[illegible]

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A. ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon, Pit or Pond ☐ 04 Other: _____ — Container Number (if there is no number assign one): 1

B. Manufacturer (if appropriate): Tok Hein — Year of Mfg.: 1948 — C. Year Installed: 1948 ☐ Unknown

D. Container Capacity: 280 gallons ☐ Unknown — E. Container Repairs: ☐ 01 None ☒ 02 Unknown ☐ 03 Yes, Year: _____

F. Is Container currently used? ☒ 01 Yes ☐ 02 No — If No, year of last use: Emergency Back Up ☐ 03 Unknown

G. Does the Container Store (Check One): ☐ 01 Waste ☒ 02 Product

H. Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No — If Yes, Check appropriate box(es):

☒ 01 Unleaded ☐ 02 Regular ☐ 03 Premium ☐ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List): _____

V Container Construction

A. Thickness of Primary Containment: _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B. ☐ 01 Vaulted (Located in an underground Vault.) ☐ 02 Non-vaulted ☒ 03 Unknown

C. ☐ 01 Double Walled ☐ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☒ 05 Unknown ☐ 06 None

D. ☐ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum
☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls
☐ 12 Unknown ☒ 13 Other: Steel

E. ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining
☒ 07 Unlined ☐ 08 Unknown ☐ 09 Other: _____

F. ☐ 01 Polyethlene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☐ 04 Unknown ☒ 05 None ☐ 09 Other: _____

VI Piping

A. Associated Piping	☐ 01 Above Ground	☒ 02 Underground	☐ 03 Vaulted	
B. Underground Piping:	☐ 01 Gravity	☑ 02 Pressure	☐ 03 Suction	☐ 04 Unknown
C. Piping Repairs:	☑ 01 None	☐ 02 Unknown	☐ 03 Yes, Year of most recent repair: _____	

VII Leak Detection

☒ 01 Visual ☒ 02 Stock Inventory ☐ 03 Tile Drain ☐ 04 Vapor Sniff Wells ☐ 05 Sensor Instrument

☐ 06 Ground Water Monitoring Wells ☐ 07 Pressure Test ☐ 08 Internal Inspection ☐ 09 None

☐ 10 Other: _____

VIII Chemical Composition of Materials *Currently* or *Previously* Stored in Underground Containers

If you checked yes to IV-H you are not required to complete this section.

currently stored	previously stored	CAS # (If known)	Chemical *Do Not Use Commercial Name* (Use additional paper for more room)
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		

Is Container located on an Agricultural Farm? ☐ 01 Yes ☒ 02 No

IX IMPORTANT! Read instructions before signing

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative. The representative must be responsible for the overall operation of the facility where the tank(s) are located, 2) a general partner, proprietor, or 3) a principal executive officer, ranking elected official or authorized representative of a public agency.

This form has been completed under the penalty of perjury and, to the best of my knowledge, is true and correct.

Signature		Date
Printed Name: Jerry Eichelberger	Title: Public Works Maintenance Superintendent	Phone w/area code: 415-522-4100 x 220

Send check to: Hazardous Substance Storage Statement, State Water Resources Control Board, P.O. Box 100, Sacramento, CA 95801-0100

Person Filing Statement	Phone w/area code
Dick Rudloff -Permit Coordinator	415-522-4100 Ext. 236

For additional forms or more information call 916/324-1262

FOR STATE USE ONLY

ID Number	Accounting Number		County Number
Date Received	☐ 01	☐ 02	☐ 03

T-2

Official Registration Form

California Water Resources Control Board

Hazardous Substance Storage Statement

Who Must File: Each person storing hazardous substances in any underground container must file this form no later than July 1, 1984 (After October 1 1984 and no later than January 1, 1985 for tanks used on farms)

Definition of Underground Containers: The law applies to "concrete sumps, nonvaulted buried tanks or other underground containers" (Water Code section 13173) All containers including earthen walled pits, ponds, lagoons and sumps, that are below the normal ground surface level must register A tank sitting on the ground is not included. Containers partially beneath the surface are included Lined or unlined pits, ponds and lagoons are covered if earth has been removed from the storage area to construct the facility. Normal grading is not considered construction below ground level

Definition of Hazardous Substance: Any substance listed in Section 6382 of the Labor Code or in Section 25316 of the Health and Safety Code This includes gasoline, diesel fuel, all industrial solvents pesticides, herbicides and fumigants If the material must be carried by a registered hauler, disposed of at a hazardous waste site, is explosive generates pressure due to heat or decomposition or would harm humans or wildlife you must register the tank Wastes are included

Fee: For each tank registered a $10 fee must be paid, except that retail gasoline stations pay $5 per tank

Penalties: For failure to file, the penalty is $500-$5 000 per day. If you falsify information, you can be fined up to $20 000 for each day the information is incorrect and has not been corrected

Confidentiality: If you have information protected by trade secret laws, please attach a list of the information on this form that is confidential and the justification for confidentiality, including specific citations of relevant statutory and case law.

Multiple Containers: Fill I and II on one form and leave it blank on all the remaining forms. Attach all forms together securely If you own more than 50 tanks you can file information on computer tape Call 916/324-1262 for information

This is not a Permit Application. All Underground Tanks will be subject to local regulation Some jurisdictions have already begun programs. Check with your local county government for further information

NOTE: ALL UNDERGROUND CONTAINERS MUST REGISTER EVEN IF STATE AND/OR LOCAL PERMITS ARE IN FORCE.

I Owner Duplicate of Submittal 4/26/84

Name (Corporation, Individual or Public Agency)			
City of Alameda			
Street Address: 2263 Santa Clara Avenue	City: Alameda	State: CA	ZIP: 94501

II Facility

Facility Name: Public Works Department		Dealer/Foreman/Supervisor: William C. Norton	
Street Address: 2263 Santa Clara Avenue		Nearest Cross Street: Oak Street	
City: Alameda	County: Alameda		ZIP: 94501
Mailing Address: 2263 Santa Clara Avenue	City: Alameda	State: CA	ZIP: 94501
Phone w/area code: 415-522-4100 ext. 272	Type of Business: ☐ 01 Motor Vehicle Fuel Station ☐ 02 Other City Offices		
Number of Tanks at this Facility: 2	Rural Areas Only:	Township	Range	Section

III 24 Hour Emergency Contact Person

Days Name (last name first) and Phone w/area code	Nights Name (last name first) and Phone w/area code
Eichelberger, Jerry 415-522-4100 x 220	Alameda Police Department Desk Sargent 522-1222

COMPLETE THE FOLLOWING ON A SEPARATE FORM FOR EACH CONTAINER

IV Description

A ☒ 01 Tank ☐ 02 Sump ☐ 03 Lagoon, Pit or Pond ☐ 04 Other _____ Container Number (if there is no number assign one): 1

B Manufacturer (if appropriate): n/a Year of Mfg: n/a C. Year Installed: 1956 ☐ Unknown

D. Container Capacity: 1000 gallons ☐ Unknown E. Container Repairs: ☒ 01 None ☐ 02 Unknown ☐ 03 Yes Year: _____

F. Is Container currently used? ☒ 01 Yes ☐ 02 No If No, year of last use _____ ☐ 03 Unknown

G. Does the Container Store (Check One) ☐ 01 Waste ☒ 02 Product

H. Does the Container Store Motor Vehicle Fuel or Waste Oil? ☒ 01 Yes ☐ 02 No If Yes, Check appropriate box(es).

☐ 01 Unleaded ☒ 02 Regular ☐ 03 Premium ☐ 04 Diesel ☐ 05 Waste Oil ☐ 06 Other (List): _____

V Container Construction

A Thickness of Primary Containment: _____ ☐ Gauge ☐ Inches ☐ cm ☒ Unknown

B. ☐ 01 Vaulted (Located in an underground Vault.) ☐ 02 Non-vaulted ☒ 03 Unknown

C. ☐ 01 Double Walled ☐ 02 Single Walled ☐ 03 Lined ☐ 04 Wrapped ☒ 05 Unknown ☐ 06 None

D. ☐ 01 Carbon Steel ☐ 02 Stainless Steel ☐ 03 Fiberglass ☐ 04 Polyvinyl Chloride ☐ 05 Concrete ☐ 06 Aluminum

☐ 07 Steel Clad ☐ 08 Bronze ☐ 09 Composite ☐ 10 Non-metallic ☐ 11 Earthen Walls

☒ 12 Unknown ☐ 13 Other _____

E ☐ 01 Rubber Lined ☐ 02 Alkyd Lining ☐ 03 Epoxy Lining ☐ 04 Phenolic Lining ☐ 05 Glass Lining ☐ 06 Clay Lining

☐ 07 Unlined ☒ 08 Unknown ☐ 09 Other _____

F. ☐ 01 Polyethiene Wrap ☐ 02 Vinyl Wrapping ☐ 03 Cathodic Protection ☒ 04 Unknown ☐ 05 None ☐ 09 Other: _____

VI Piping

A. Associated Piping:	☐ 01 Above Ground	☒ 02 Underground	☐ 03 Vaulted	
B. Underground Piping:	☐ 01 Gravity	☐ 02 Pressure	☐ 03 Suction	☒ 04 Unknown
C. Piping Repairs:	☒ 01 None	☐ 02 Unknown	☐ 03 Yes Year of most recent repair: ____	

VII Leak Detection

☒ 01 Visual ☒ 02 Stock Inventory ☐ 03 Tile Drain ☐ 04 Vapor Sniff Wells ☐ 05 Sensor Instrument

☐ 06 Ground Water Monitoring Wells ☐ 07 Pressure Test ☐ 08 Internal Inspection ☐ 09 None

☐ 10 Other: _____

VIII Chemical Composition of Materials *Currently* or *Previously* Stored In Underground Containers

If you checked yes to IV-H you are not required to complete this section

currently stored	previously stored	CAS # (If known)	Chemical *Do Not Use Commercial Name* (Use additional paper for more room)
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		
☐ 01	☐ 02		

Is Container located on an Agricultural Farm? ☐ 01 Yes ☒ 02 No

IX IMPORTANT! Read instructions before signing

Signature: The form must be signed by 1) a principal executive officer at the level of vice-president or by an authorized representative The representative must be responsible for the overall operation of the facility where the tank(s) are located 2) a general partner proprietor or 3) a principal executive officer, ranking elected official or authorized representative of a public agency

This form has been completed under the penalty of perjury and to the best of my knowledge is true and correct

Signature		Date
		April 3, 1985
Printed Name	**Title**	**Phone w/area code**
Jerry Eichelberger	Public Works Maintenance Superintendent	415-522-4100 x 220

Send check to: Hazardous Substance Storage Statement, State Water Resources Control Board, P O Box 100, Sacramento CA 95801-0100

Person Filing Statement	Phone w/area code
Dick Rudloff- Permit Coordinator	415-522-4100 ext. 236

For additional forms or more information call 916/324-1262

FOR STATE USE ONLY

ID Number	Accounting Number:	County Number:	
Date Received	☐ 01	☐ 02	☐ 03

APPENDIX B

UST REMOVAL PERMITS AND PLANS

Larry Seto

Note: Item #15 has additional requirement, C.G. 6-9-94

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 510/271-4320

ACCEPTED

Underground Storage Tank Closure Permit Application
Alameda County Division of Hazardous Materials
80 Swan Way, Suite 200,
Oakland, CA. 94621
Telephone: (510) 271-4320

These closure/removal plans have been received and found to [illegible] requirements of State [illegible] and local laws. Changes to your closure plans indicated on the application are necessary to assure compliance with State and local laws. By the authority vested in me, the application is now released for issuance of any required Alameda County permits for construction/destruction.

One copy of the approved plans must be on the job and available to the construction crew involved with the removal.

Any changes or deviations from these plans and specifications must be submitted to this Department and to the Fire and Building Department for approval before the changes are made. This Department has the authority 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 dependant 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. Business Name CITY OF ALAMEDA

   Business Owner CITY OF ALAMEDA

2. Site Address 2263 SANTA CLARA AVENUE

   City ALAMEDA Zip 94501 Phone 510-748-4518

3. Mailing Address CITY OF ALAMEDA
   2263 SANTA CLARA AVENUE

   City ALAMEDA Zip 94501 Phone 510-748-4625

4. Land Owner CITY OF ALAMEDA

   Address 2263 SANTA CLARA AVE City, State CALIFORNIA Zip 94501

5. Generator name under which tank will be manifested
   CITY OF ALAMEDA

   EPA I.D. No. under which tank will be manifested CAC000960768

6. Contractor V.C.I. OF CALIFORNIA

Address 753 PERALTA AVENUE

City SAN LEANDRO, CA. 94577 Phone 510-568-1234

License Type* A,B,C-21, HAZ. ID# 487537

*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. Indicate that the certificate has been received, in addition, to holding the appropriate contractors license type.

7. Consultant RGA ENVIRONMENTAL

Address 1260 45TH STREET

City EMERYVILLE, CA. 94608 Phone 415-494-2505

8. Contact Person for Investigation

Name DAVID HOEXTER Title SENIOR CONSULTING GEOLOGIST

Phone 415-494-2505

9. Number of tanks being closed under this plan 3

Length of piping being removed under this plan 30'

Total number of tanks at facility 3

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

** Underground tanks are hazardous waste and must be handled as hazardous waste **

a) Product/Residual Sludge/Rinsate Transporter

Name ALLIED OIL EPA I.D. No. CAT080014277

Hauler License No. 2477 License Exp. Date 7/31/94

Address P.O. BOX 32128

City SAN JOSE State CA. Zip 95152

b) Product/Residual Sludge/Rinsate Disposal Site

Name ALLIED OIL EPA I.D. No. CAT080014277

Address P.O. BOX 32128

City SAN JOSE State CA. Zip 95152

c) Tank and Piping Transporter

Name DEXANNA, LTD. EPA I.D. No. CAD982438566

Hauler License No. 2883 License Exp. Date 6/30/94

Address 3104 ATHENE COURT

City CONCORD State CA. Zip 94519

d) Tank and Piping Disposal Site

Name ERICKSON DISPOSAL EPA I.D. No. CAD009466392

Address 255 PARR BLVD.

City RICHMOND State CA. Zip 94801

11. Experienced Sample Collector

Name DAVID HOEXTER

Company RGA ENVIRONMENTAL

Address 1260 45TH STREET

City EMERYVILLE State CA. Zip 94608 Phone 415-494-2505

12. Laboratory

Name SUPERIOR PRECISION ANALYTICAL (415)-647-2081

Address 1555 BURKE STREET, UNIT I ~~415-821-7123 FAX~~ 229-1526

City SAN FRANCISCO State CA. Zip 94124

State Certification No. 1332

13. Have tanks or pipes leaked in the past? Yes [ ] No [ ]

If yes, describe. NOT KNOWN

14. Describe methods to be used for rendering tank inert

TANKS WILL BE RINSED, RINSATE WILL BE DISPOSED AT THE DISPOAL FACILITY;

TANKS WILL INERTED WITH CARBON DIOXIDE SUPLIMENTED FROM DRY-ICE

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 plugged.

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

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
280 GALLON	UNLEADED	SOIL	2' BELOW TANK SOIL BACKFILL INTERFACE INTO 2'OF THE NATIVE SOIL.
1,000 GAL.	LEADED	SOIL	
estimated 3,000 GAL.	HEATING OIL	SOIL	

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)	Sampling Plan
100 CU. YD.	ONE SAMPLE PER 50 CU. YD. TO BE TESTED FOR TPHG, BTEX, TPHD.

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

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.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
GASOLINE	5030	5030	1.0 PPM.
DIESEL	8015	3550	1.0 PPM.
PB	DHS-LUFT	DHS-LUFT	5.0 PPM.
BTEX	5030	8020	5.0 PPM.

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

18. Submit Worker's Comp---

Name of Insurer STATE FUND INSURANCE

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 report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

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

I declare that to the best of my knowledge and belief 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 an approval from the Department of Environmental Health 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.

Signature of Contractor V.C.I. OF CALIFORNIA

Name (please type) by: CATHERINE R. MAYER (SECRETARY)

Signature Catherine R. M

Date 6/7/94

Signature of Site Owner or Operator

Name (please type) CITY OF ALAMEDA by: STEVEN DAVIS (OPERATOR)

Signature X

Date 6/7/94

rev 3/92

General Instructions

* Three (3) copies of this plan plus attachments and deposit must be submitted to this Department.
* Any cutting into tanks requires local fire department 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.

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 Health Services, 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 high 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;

d) For each hazard, identify the action levels (contaminant concentrations in air) or physical conditions which will trigger changes in work habits to ensure workers are not exposed to unsafe chemical levels 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;

g) Confined space entry procedures (if applicable);

h) Decontamination procedures;

i) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, plastic sheeting, security guards, 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 nearest the site;

k) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and

l) Page for employees to sign indicating 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.**

NOTE: These requirements are excerpts from 29 CFR Part 1910.120(b)(4), 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.);

i) Depth to ground water; and

j) All existing tanks and piping in addition to the ones being pulled.

20. DEPOSIT
A deposit, payable to Alameda County for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.

21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

22. TANK CLOSURE REPORT
The tank closure report should contain the following information:

a) General description of the closure activities;

b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;

d) Description of sampling methods;

e) Description of any remedial measures conducted at the time of tank removal;

f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;

g) Chain of custody records;

h) Copies of signed laboratory reports;

i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and

j) Tabulation of the volume and final destination of all non-manifested contaminated soil hauled offsite.

TABLE #2

RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR UNDERGROUND TANK LEAKS

HYDROCARBON LEAK	SOIL ANALYSIS	WATER ANALYSIS
Unknown Fuel	TPH G GCFID(5030) TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) TPH D GCFID(3510) BTX&E 602, 624 or 8260
Leaded Gas	TPH G GCFID(5030) BTX&E 8020 OR 8240 TPH AND BTX&E 8260 TOTAL LEAD AA ------Optional------- TEL DHS-LUFT EDB DHS-AB1803	TPH G GCFID(5030) BTX&E 602 or 624 TOTAL LEAD AA TEL DHS-LUFT EDB DHS-AB1803
Unleaded Gas	TPH G GCFID(5030) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH G GCFID(5030) BTX&E 602, 624 or 8260
Diesel, Jet Fuel and Kerosene	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Fuel/Heating Oil	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602, 624 or 8260
Chlorinated Solvents	CL HC 8010 or 8240 BTX&E 8020 or 8240 CL HC AND BTX&E 8260	CL HC 601 or 624 BTX&E 602 or 624 CL HC AND BTX&E 8260
Non-chlorinated Solvents	TPH D GCFID(3550) BTX&E 8020 or 8240 TPH AND BTX&E 8260	TPH D GCFID(3510) BTX&E 602 or 624 TPH and BTX&E 8260
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G GCFID(5030) TPH D GCFID(3550) TPH AND BTX&E 8260 O & G 5520 D & F BTX&E 8020 or 8240 CL HC 8010 or 8240	TPH G GCFID(5030) TPH D GCFID(3510 O & G 5520 C & F BTX&E 602, 624 or 8260 CL HC 601 or 624
	ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni METHOD 8270 FOR SOIL OR WATER TO DETECT: PCB* PCP* PNA CREOSOTE	PCB PCP PNA CREOSOTE

* If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.

2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.

3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.

4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.

5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractible, respectively) are to be analyzed and characterized by GCFID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydro- carbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.

6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).

7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).

8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may ~~also be acceptable for O & G if proper standards are used.~~ **Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.**

9. **PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:**

	SOIL PPM	WATER PPB
TPH G	1.0	50.0
TPH D	1.0	50.0
BTX&E	0.005	0.5
O & G	50.0	5,000.0

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE	MODIFIED PROTOCOL
≤ 10 ppm (42%)	≤ 10 ppm (10%)
≤ 5 ppm (19%)	≤ 5 ppm (21%)
≤ 1 ppm (35%)	≤ 1 ppm (60%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

10. LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.

11. IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

    The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chroma- togram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

12. REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

N. Lew

REGULATION 6, RULE 40
Aeration of Contaminated Soil and Removal of Underground Storage Tanks

NOTIFICATION FORM

X Removal or ~~Replacement~~ of Tanks
___ Excavation of Contaminated Soil

SITE INFORMATION

SITE ADDRESS: CITY OF ALAMEDA, 2263 SANTA CLARA AVENUE
CITY, STATE: ALAMEDA, CALIFORNIA ZIP: 94501-4455
OWNER NAME: CITY OF ALAMEDA
SPECIFIC LOCATION OF PROJECT:

TANK REMOVAL

SCHEDULED STARTUP DATE: JUNE 15, 1994 10:00 a.m.
VAPORS REMOVED BY:
[X] WATER WASH
[ ] VAPOR FREEING (CO^2)
[ ] VENTILATION

CONTAMINATED SOIL EXCAVATION

SCHEDULED STARTUP DATE:
STOCKPILES WILL BE COVERED? YES ___ NO ___
ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):
(MAY REQUIRE PERMIT)

CONTRACTOR INFORMATION

NAME: V.C.I. OF CALIFORNIA CONTACT: MERLIN BOWEN
ADDRESS: 753 PERALTA AVENUE PHONE: (510) 568-1234
CITY, STATE, ZIP: SAN LEANDRO, CALIFORNIA 94577

CONSULTANT INFORMATION
(IF APPLICABLE)

NAME: V.C.I. OF CALIFORNIA CONTACT: MERLIN BOWEN
ADDRESS: 753 PERALTA AVENUE PHONE: (510) 568-1234
CITY, STATE, ZIP: SAN LEANDRO, CA. 94577

FOR OFFICE USE ONLY

DATE RECEIVED FAX: 6/6/94 BY: BLy (init.)
DATE POSTMARKED: BY (init.)
CC: INSPECTOR NO.: 571 DATE: 6/8/94 BY: BLy (init.)
UPDATE: CONTACT NAME: DATE: BY (init.)
SAAQMD N #: DATA ENTRY: 6/8/94

• See reverse for instructions

CITY OF ALAMEDA
CENTRAL PERMITS OFFICE
2263 Santa Clara Ave. Room 304
Alameda, CA 94501

Permit No: 994-0668
Status: APPROVED

JOB ADDRESS : 2263 SANTA CLARA AVE
PERMIT TYPE : COMMERCIAL BUILDING PERMIT
Parcel number : 071 -0219-002-00

Owner : CITY OF ALAMEDA
2263 SANTA CLARA AVENUE
ALAMEDA CA 94501

Applicant : VERL'S CONSTRUCTION INC.
753 PERALTA AVE
SAN LEANDRO, CA 95477
510-568-1234

Project Title : REMOVE/DISPOSAL 3 UNGRD TANKS
Project Desc. : REMOVE/DISPOSAL 3 UNDERGROUND TANKS

Applied : 06/10/94
Approved : 06/13/94
Final :
Expired :
Class code : 649
Valuation: 42,900

HOURS OF CONSTRUCTION
MONDAY - FRIDAY 7 A.M. TO 7 P.M.
SATURDAY & SUNDAY 9 A.M. TO 5 P.M.

Verl Mild
Signature

CONTRACTOR : VERL'S CONSTRUCTION INC. Lic. C 487537 510-568-1234
753 PERALTA AVE
SAN LEANDRO, CA 95477

Fee description	Units	Fee/Unit	Ext fee	Data
Permit Filing Fee .....>			11.40	Y
Building Permit Fee.....>			406.80	Y
Assembly Bill 941 .....>			5.00	Y
S.M.I.P.T.....>			9.01	Y
Other Deposit-CPD .....>	3		3.00	
Fire Dept.(Enter Amount).....>	540.00		540.00	
Micro-fiche Fee .....>	36.50		36.50	
BUSINESS LICENSE FEE	100.00		100.00	

*** Fees Required *** *** Fees Collected & Credits ***

Account No.	Receipt No.	Date	Payment
001-220-0000-2231	R9402315	06/10/94	3.00
001-300-2430-3310	R9402315	06/10/94	100.00

Fees:	1,111.71		
Adjustments:	.00	Total Credits:	1,008.71
Total Fees:	1,111.71	Total Payments:	103.00
		Balance Due:	.00

FOR INSPECTIONS CALL: BUILDING 748-4564 (8:30-10:00 A.M.)
PLUMBING & MECHANICAL 748-4563 (8:30-10:00 A.M.)
ELECTRICAL 748-3995 (8:00-10:00 A.M.)
OR 748-3996 (8:00-10:00 A.M.)

REF./ A/C NO. R

COUNTY OF ALAMEDA
OFFICE OF THE AUDITOR-CONTROLLER

DATE: 6/8/94

№ 725630

MISCELLANEOUS RECEIPT

$ 951.00
DOLLARS

RECEIVED FROM: VCI of California; 753 Peralta Ave., San Leandro 94577

FOR: City of Alameda
2303 Santa Clara Ave; Alameda CA 94501

RECEIVED BY: M. Arriequin

DEPT. NO.: 430-453

[ ] CASH [X] PERSONAL/CASHIER'S CHECK/M. O. # 6189 [ ] OTHER:

110-1 (Rev/10/85) [0134E (08)] 3-Part Distribution: White - Payor Yellow & Pink - Depart.

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'A': SITE

UNDERGROUND STORAGE TANK PROGRAM
FACILITY/SITE, INFORMATION and/or PERMIT APPLICATION

COMPLETE THIS FORM FOR EACH FACILITY/SITE

No. 35050

MARK ONLY ONE ITEM

- [X] 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)

FACILITY/SITE NAME: Public Works Department	CARE OF ADDRESS INFORMATION: Public Works Director
ADDRESS: 2263 Santa Clara Avenue	NEAREST CROSS STREET: Oak Street
CITY NAME: Alameda	STATE: CA / ZIP CODE: 94501 / SITE PHONE #, WITH AREA CODE: 415-748-4550
TYPE OF BUSINESS: [ ] 1 GAS STATION [ ] 2 DISTRIBUTOR [ ] 3 FARM [ ] 4 PROCESSOR [X] 5 OTHER	[✓] Box if INDIAN RESERVATION or TRUST LANDS [ ] / EPA ID #: N/A / # of TANK's AT THIS SITE: 2

Box to indicate: [ ] CORPORATION [X] LOCAL-AGENCY [ ] COUNTY AGENCY [ ] PARTNERSHIP [ ] STATE-AGENCY [ ] FEDERAL-AGENCY [ ] INDIVIDUAL

EMERGENCY CONTACT PERSON (PRIMARY)	EMERGENCY CONTACT PERSON (SECONDARY)
DAYS: NAME (LAST, FIRST): Eichelberger, Jerry / PHONE # WITH AREA CODE: 415-748-4520	DAYS: NAME (LAST, FIRST): Robert Warnick / PHONE # WITH AREA CODE: 415-748-4550
NIGHTS: NAME (LAST, FIRST): Alameda Police Department / PHONE # WITH AREA CODE: 415-748-4508	NIGHTS: NAME (LAST, FIRST): Alameda Police Department / PHONE # WITH AREA CODE: 415-748-4508

II. PROPERTY OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: City of Alameda	CARE OF ADDRESS INFORMATION: Public Works Department (Director)
MAILING or STREET ADDRESS: 2263 Santa Clara Avenue	[✓] Box to indicate CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [X] LOCAL-AGENCY [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY
CITY NAME: Alameda	STATE: CA / ZIP CODE: 94501 / PHONE #, WITH AREA CODE: 415-748-4550

III. TANK OWNER INFORMATION & ADDRESS — (MUST BE COMPLETED)

NAME: City of Alameda	CARE OF ADDRESS INFORMATION: Public Works Director
MAILING or STREET ADDRESS: 2263 Santa Clara Avenue	[✓] Box to indicate CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [X] LOCAL-AGENCY [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY
CITY NAME: Alameda	STATE: CA / ZIP CODE: 94501 / PHONE #, WITH AREA CODE: 415-748-4550

IV. LEGAL NOTIFICATION AND BILLING ADDRESS

CHECK ONE (1) BOX INDICATING **WHICH ABOVE ADDRESS** SHOULD BE USED FOR **BOTH** LEGAL NOTIFICATION AND BILLING: I. [ ] II. [X] III. [ ]

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

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
ROBERT L. WARNICK Robert L. Warnick	April 2, 1990

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	# of TANKS at SITE

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

LOCATION CODE	CENSUS TRACT #	SUPERVISOR-DISTRICT CODE	BUSINESS PLAN FILED YES [ ] NO [ ]	DATE FILED

CHECK #	PERMIT AMOUNT	SURCHARGE AMOUNT	FEE CODE	RECEIPT #	BY:

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

FORM A (3-2-88)

DATA PROCESSING COPY

T-1

STATE OF CALIFORNIA — WATER RESOURCES CONTROL BOARD

FORM 'B': **TANK**

UNDERGROUND STORAGE TANK PROGRAM
TANK PERMIT APPLICATION INFORMATION

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

MARK ONLY 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 TANK
- [ ] 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: Public Works Department — **FARM TANK - YES** [ ] **NO** [X]

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

A. OWNERS TANK ID # N/A	B. MANUFACTURED BY: Tok Hein
C. YEAR INSTALLED 1948	D. TANK CAPACITY IN GALLONS: 280

II. TANK CONTENTS — IF (A.1), IS MARKED, COMPLETE ITEM C, IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

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

B.
- [X] 1 PRODUCT
- [ ] 2 WASTE

C.
- [X] 1 UNLEADED
- [ ] 2 LEADED
- [ ] 3 DIESEL
- [ ] 4 GASAHOL
- [ ] 5 JET FUEL
- [ ] 6 AVIATION GAS
- [ ] 7 METHANOL
- [ ] 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S. # — C.A.S. #:

III. TANK CONSTRUCTION — MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM
- [ ] 1 DOUBLE WALLED
- [ ] 2 SINGLE WALLED
- [ ] 3 SINGLE WALLED WITH EXTERIOR LINER
- [ ] 4 SECONDARY CONTAINMENT
- [X] 95 UNKNOWN
- [ ] 99 OTHER

B. TANK MATERIAL
- [X] 1 STEEL/IRON
- [ ] 2 STAINLESS STEEL
- [ ] 3 FIBERGLASS
- [ ] 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CONCRETE
- [ ] 6 POLYVINYL CHLORIDE
- [ ] 7 ALUMINUM
- [ ] 8 100% METHANOL COMPATIBLE FRP
- [ ] 9 BRONZE
- [ ] 10 GALVANIZED STEEL
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

C. INTERIOR LINING
- [ ] 1 RUBBER LINED
- [ ] 2 ALKYD LINING
- [ ] 3 EPOXY LINING
- [ ] 4 PHENOLIC LINING
- [ ] 5 GLASS LINING
- [X] 6 UNLINED
- [ ] 95 UNKNOWN
- IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? [ ] YES [ ] NO
- [ ] 99 OTHER

D. CORROSION PROTECTION
- [ ] 1 POLYETHLENE WRAP
- [ ] 2 TAR OR ASPHALT
- [ ] 3 VINYL WRAP
- [ ] 4 FIBERGLASS REINFORCED PLASTIC
- [ ] 5 CATHODIC PROTECTION
- [X] 91 NONE
- [ ] 95 UNKNOWN
- [ ] 99 OTHER

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

A. SYSTEM TYPE	A U 1 SUCTION	A (U) 2 PRESSURE	A U 3 GRAVITY	A U 91 NONE	A U 95 UNKNOWN A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALLED	A U 2 DOUBLE WALLED	A U 3 LINED TRENCH	A U 91 NONE	A U 95 UNKNOWN A U 99 OTHER
C. MATERIAL	A U 1 STEEL/IRON	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE	A U 91 NONE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL CLAD W/FRP	A U 8 100% METHANOL COMPATIBLE FRP	
	A (U) 9 GALVANIZED STEEL	A U 95 UNKNOWN	A U 99 OTHER		

V. LEAK DETECTION SYSTEM — CIRCLE P FOR PRIMARY, OR S FOR SECONDARY, A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.

(P) S 1 VISUAL CHECK	P (S) 2 INVENTORY RECONCILIATION	P S 3 VADOSE WELLS	P S 4 ELECTRONIC MONITOR	P S 5 GROUND WATER MONITORING WELLS
P S 6 PRECISION TESTING	P S 7 PRESSURE TESTING	P S 91 NONE	P S 95 UNKNOWN	P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2 ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN 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.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
ROBERT L. WARNICK Robert L. Warnick	April 2, 1990

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #	BY:

FORM B (6-29-88) **THIS FORM MUST BE ACCOMPANIED BY A FACILITY/SITE APPLICATION, FORM 'A', UNLESS A CURRENT FORM 'A' HAS BEEN FILED**

DATA PROCESSING COPY

T-2

STATE OF CALIFORNI. WATER RESOURCES CONTRC :OARD

FORM 'B': TANK

UNDERGROUND STORAGE TANK PROGRAM
TANK PERMIT APPLICATION INFORMATION

COMPLETE A SEPARATE FORM WITH THE FOLLOWING INFORMATION FOR EACH TANK.

No 22141

MARK ONLY ONE ITEM				
	[X] 1 NEW PERMIT	[ ] 3 RENEWAL PERMIT	[ ] 5 CHANGE OF INFORMATION	[ ] 7 PERMANENTLY CLOSED TANK
	[ ] 2 INTERIM PERMIT	[ ] 4 AMENDED PERMIT	[ ] 6 TEMPORARY TANK CLOSURE	[ ] 8 TANK REMOVED

FACILITY/SITE NAME WHERE TANK IS INSTALLED: Public Works Department — FARM TANK - YES [ ] NO [X]

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

A. OWNERS TANK ID # N/A	B. MANUFACTURED BY: Unknown
C. YEAR INSTALLED 1956	D. TANK CAPACITY IN GALLONS: 1000

II. TANK CONTENTS IF (A.1), IS MARKED, COMPLETE ITEM C. IF (A.1), IS NOT MARKED, COMPLETE ITEM D.

A.	B.	C.
[X] 1 MOTOR VEHICLE FUEL [ ] 2 PETROLEUM	[X] 1 PRODUCT	[ ] 1 UNLEADED [X] 2 LEADED [ ] 3 DIESEL
[ ] 3 CHEMICAL PRODUCT [ ] 4 OIL	[ ] 2 WASTE	[ ] 4 GASAHOL [ ] 5 JET FUEL [ ] 6 AVIATION GAS
[ ] 5 HAZARDOUS [ ] 80 EMPTY [ ] 95 UNKNOWN		[ ] 7 METHANOL [ ] 99 OTHER (DESCRIBE IN ITEM D, BELOW)

D. IF NOT MOTOR VEHICLE FUEL, ENTER NAME OF HAZARDOUS SUBSTANCE STORED & C.A.S # — C.A.S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOX A, B, C, & D

A. TYPE OF SYSTEM	[ ] 1 DOUBLE WALLED	[ ] 3 SINGLE WALLED WITH EXTERIOR LINER	[X] 95 UNKNOWN	
	[ ] 2 SINGLE WALLED	[ ] 4 SECONDARY CONTAINMENT	[ ] 99 OTHER	
B. TANK MATERIAL	[ ] 1 STEEL/IRON	[ ] 2 STAINLESS STEEL	[ ] 3 FIBERGLASS	[ ] 4 STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC
	[ ] 5 CONCRETE	[ ] 6 POLYVINYL CHLORIDE	[ ] 7 ALUMINUM	[ ] 8 100% METHANOL COMPATIBLE FRP
	[ ] 9 BRONZE	[ ] 10 GALVANIZED STEEL	[X] 95 UNKNOWN	[ ] 99 OTHER
C. INTERIOR LINING	[ ] 1 RUBBER LINED	[ ] 2 ALKYD LINING	[ ] 3 EPOXY LINING	[ ] 4 PHENOLIC LINING
	[ ] 5 GLASS LINING	[ ] 6 UNLINED		[X] 95 UNKNOWN
	[ ] IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL?		[ ] YES [ ] NO	[ ] 99 OTHER
D. CORROSION PROTECTION	[ ] 1 POLYETHLENE WRAP	[ ] 2 TAR OR ASPHALT	[ ] 3 VINYL WRAP	[ ] 4 FIBERGLASS REINFORCED PLASTIC
	[ ] 5 CATHODIC PROTECTION	[ ] 91 NONE	[X] 95 UNKNOWN	[ ] 99 OTHER

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

A. SYSTEM TYPE	A U 1 SUCTION	A U 2 PRESSURE	A U 3 GRAVITY	A U 91 NONE	A (U) 95 UNKNOWN	A U 99 OTHER
B. CONSTRUCTION	A (U) 1 SINGLE WALLED	A U 2 DOUBLE WALLED	A U 3 LINED TRENCH	A U 91 NONE	A U 95 UNKNOWN	A U 99 OTHER
C. MATERIAL	A U 1 STEEL/IRON	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE	A U 91 NONE	
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL CLAD W/FRP	A U 8 100% METHANOL COMPATIBLE FRP		
	A (U) 9 GALVANIZED STEEL	A U 95 UNKNOWN	A U 99 OTHER			

V. LEAK DETECTION SYSTEM CIRCLE P FOR PRIMARY, OR S FOR SECONDARY, A PRIMARY LEAK DETECTION SYSTEM MUST BE CIRCLED.

(P) S 1 VISUAL CHECK	P (S) 2 INVENTORY RECONCILIATION	P S 3 VADOSE WELLS	P S 4 ELECTRONIC MONITOR	P S 5 GROUND WATER MONITORING WELLS
P S 6 PRECISION TESTING	P S 7 PRESSURE TESTING	P S 91 NONE	P S 95 UNKNOWN	P S 99 OTHER

VI. INFORMATION ON TANK PERMANENTLY CLOSED IN PLACE

1. ESTIMATED DATE LAST USED (MO/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING IN 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.

APPLICANT'S NAME (PRINTED & SIGNATURE)	DATE
ROBERT L. WARNICK Robert L. Warnick	April 2, 1990

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	AGENCY #	FACILITY ID #	TANK ID #

CURRENT LOCAL AGENCY FACILITY ID #	APPROVED BY NAME	PHONE # WITH AREA CODE

PERMIT NUMBER	PERMIT APPROVAL DATE	PERMIT EXPIRATION DATE

CHECK #	PERMIT AMOUNT	SURCHARGE AMT.	FEE CODE	RECEIPT #	BY:

FORM B (6-29-88) THIS FORM MUST BE ACCOMPANIED BY A FACILITY/SITE APPLICATION FORM 'A', UNLESS A CURRENT FORM 'A' HAS BEEN FILED

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: [X] 1 NEW PERMIT [ ] 2 INTERIM PERMIT [ ] 3 RENEWAL PERMIT [ ] 4 AMENDED PERMIT [ ] 5 CHANGE OF INFORMATION [ ] 6 TEMPORARY SITE CLOSURE [X] 7 PERMANENTLY CLOSED SITE

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

DBA OR FACILITY NAME	NAME OF OPERATOR	
CITY OF ALAMEDA	WILLIAM E. MARY/STEVEN [illegible]	
ADDRESS: 2263 SANTA CLARA AVENUE	NEAREST CROSS STREET: OAKS STREET	PARCEL # (OPTIONAL)
CITY NAME: ALAMEDA	STATE: CA / ZIP CODE: 94501-4455	SITE PHONE # WITH AREA CODE: 510-748-[illegible]

[ ] BOX TO INDICATE [ ] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [X] 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: WILLIAM E. MARY

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 [X] 5 OTHER	[ ]	7	CAD[illegible]

EMERGENCY CONTACT PERSON (PRIMARY)		EMERGENCY CONTACT PERSON (SECONDARY) - optional	
DAYS: NAME (LAST, FIRST): WILLIAM E. MARY	PHONE # WITH AREA CODE: 510-748-4518	DAYS: NAME (LAST, FIRST): STEVEN DAVIS	PHONE # WITH AREA CODE: [illegible]
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME	CARE OF ADDRESS INFORMATION		
CITY OF ALAMEDA			
MAILING OR STREET ADDRESS: 2263 SANTA CLARA AVENUE, ROOM 207	[ ] box to indicate [ ] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [X] LOCAL-AGENCY [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY		
CITY NAME: ALAMEDA	STATE: CA.	ZIP CODE: 94501-4455	PHONE # WITH AREA CODE: 510-748-[illegible]

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER	CARE OF ADDRESS INFORMATION		
CITY OF ALAMEDA			
MAILING OR STREET ADDRESS: 2263 SANTA CLARA AVENUE, ROOM 207	[ ] box to indicate [ ] CORPORATION [ ] INDIVIDUAL [ ] PARTNERSHIP [X] LOCAL-AGENCY [ ] COUNTY-AGENCY [ ] STATE-AGENCY [ ] FEDERAL-AGENCY		
CITY NAME: ALAMEDA	STATE: CA.	ZIP CODE: 94501-4455	PHONE # WITH AREA CODE: 510-748-[illegible]

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

TY (TK) HQ 44-000704

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

[ ] box to indicate [X] 1 SELF-INSURED [ ] 2 GUARANTEE [ ] 3 INSURANCE [ ] 4 SURETY BOND [ ] 5 LETTER OF CREDIT [ ] 6 EXEMPTION [ ] 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. [X] III. [ ]

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

APPLICANT: CONTRACTOR

OWNER'S NAME (PRINTED & SIGNED)	OWNER'S TITLE	DATE MONTH/DAY/YEAR
V.C.I. OF CALIFORNIA [signature]	(SECRETARY) CATHERINE MAYER	6/7/94

LOCAL AGENCY USE ONLY

COUNTY #	JURISDICTION #	FACILITY #
01	000	065216

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

T-1

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; [X] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: CITY OF ALAMEDA

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) 1948

D. TANK CAPACITY IN GALLONS:

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. [X] 1a REGULAR UNLEADED; [ ] 1b PREMIUM UNLEADED; [ ] 2 LEADED; [ ] 3 DIESEL; [ ] 4 GASAHOL; [ ] 5 JET FUEL; [ ] 6 AVIATION GAS; [ ] 7 METHANOL; [ ] 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; [X] 3 SINGLE WALL WITH EXTERIOR LINER; [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK); [ ] 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: [ ] 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. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP; [ ] 2 COATING; [ ] 3 VINYL WRAP; [ ] 4 FIBERGLASS REINFORCED PLASTIC; [ ] 5 CATHODIC PROTECTION; [ ] 91 NONE; [X] 95 UNKNOWN; [ ] 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

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 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 AUTOMATIC LINE LEAK DETECTOR; [ ] 2 LINE TIGHTNESS TESTING; [ ] 3 INTERSTITIAL MONITORING; [ ] 99 OTHER N/A

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK; [ ] 2 INVENTORY RECONCILIATION; [ ] 3 VADOZE MONITORING; [ ] 4 AUTOMATIC TANK GAUGING; [ ] 5 GROUND WATER MONITORING; [ ] 6 TANK TESTING; [ ] 7 INTERSTITIAL MONITORING; [ ] 91 NONE; [ ] 95 UNKNOWN; [X] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) UNKNOWN

2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING UNKNOWN GALLONS

3. WAS TANK FILLED WITH INERT MATERIAL ? YES [ ] NO [X]

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

APPLICANT'S NAME (PRINTED & SIGNATURE): V.C.I. OF CALIFORNIA by: CATHERINE R. MAYER (SECT.) DATE: 07/3-

LOCAL AGENCY USE ONLY

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

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	01	000	06521 8	00002

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE 11/31/9X

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.

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

T-2

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 [X] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: CITY OF ALAMEDA

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 GALLON

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 [Y] 2 LEADED [ ] 3 DIESEL [ ] 4 GASAHOL [ ] 5 JET FUEL [ ] 6 AVIATION GAS [ ] 7 METHANOL [ ] 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] 3 SINGLE WALL WITH EXTERIOR LINER [ ] 95 UNKNOWN [ ] 2 SINGLE WALL [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK) [ ] 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: [ ] 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. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP [ ] 2 COATING [ ] 3 VINYL WRAP [ ] 4 FIBERGLASS REINFORCED PLASTIC [ ] 5 CATHODIC PROTECTION [ ] 91 NONE [X] 95 UNKNOWN [ ] 99 OTHER

E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

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 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 AUTOMATIC LINE LEAK DETECTOR [ ] 2 LINE TIGHTNESS TESTING [ ] 3 INTERSTITIAL MONITORING [ ] 99 OTHER

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK [ ] 2 INVENTORY RECONCILIATION [ ] 3 VADOZE MONITORING [ ] 4 AUTOMATIC TANK GAUGING [ ] 5 GROUND WATER MONITORING [ ] 6 TANK TESTING [ ] 7 INTERSTITIAL MONITORING [ ] 91 NONE [ ] 95 UNKNOWN [X] 99 OTHER

VI. TANK CLOSURE INFORMATION

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

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

APPLICANT'S NAME (PRINTED & SIGNATURE) V.C.I. OF CALIFORNIA BY: CATHERINE R. MAYER (SECRETARY) DATE 6/7/94

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

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
	01	000	065218	00001

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE 11/3/98

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

T-3

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: [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; [X] 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: CITY OF ALAMEDA

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: estimated 5,000 ...

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

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

B. [X] 1 PRODUCT; [ ] 2 WASTE

C. [ ] 1a REGULAR UNLEADED; [ ] 1b PREMIUM UNLEADED; [ ] 2 LEADED; [ ] 3 DIESEL; [ ] 4 GASAHOL; [ ] 5 JET FUEL; [ ] 6 AVIATION GAS; [ ] 7 METHANOL; [X] 99 OTHER (DESCRIBE IN ITEM D. BELOW)

D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED HEATING OIL 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; [X] 3 SINGLE WALL WITH EXTERIOR LINER; [ ] 4 SECONDARY CONTAINMENT (VAULTED TANK); [ ] 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: [ ] 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. CORROSION PROTECTION: [ ] 1 POLYETHYLENE WRAP; [ ] 2 COATING; [ ] 3 VINYL WRAP; [ ] 4 FIBERGLASS REINFORCED PLASTIC; [ ] 5 CATHODIC PROTECTION; [ ] 91 NONE; [X] 95 UNKNOWN; [ ] 99 OTHER

E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) _____ OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

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 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 AUTOMATIC LINE LEAK DETECTOR; [ ] 2 LINE TIGHTNESS TESTING; [ ] 3 INTERSTITIAL MONITORING; [X] 99 OTHER N/A

V. TANK LEAK DETECTION

[ ] 1 VISUAL CHECK; [ ] 2 INVENTORY RECONCILIATION; [ ] 3 VADOZE MONITORING; [ ] 4 AUTOMATIC TANK GAUGING; [ ] 5 GROUND WATER MONITORING; [ ] 6 TANK TESTING; [ ] 7 INTERSTITIAL MONITORING; [ ] 91 NONE; [ ] 95 UNKNOWN; [X] 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) UNKNOWN
2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING UNKNOWN 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

APPLICANT'S NAME (PRINTED & SIGNATURE): V.C.I. OF CALIFORNIA
BY: CATHERINE R. MAYER (SECRETARY)
DATE: 6/7/94

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

STATE I.D.# | COUNTY # 01 | JURISDICTION # 000 | FACILITY # 005218 | TANK # 00005

PERMIT NUMBER | PERMIT APPROVED BY/DATE | PERMIT EXPIRATION DATE 11/3/98

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

APPENDIX C

UST MANIFESTS
AND
DESTRUCTION CERTIFICATES

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-94)
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.: CAC000922868
Manifest Document No.: 00616
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

A. State Manifest Document Number: 93158481

3. Generator's Name and Mailing Address: City of Alameda, 2263 Santa Clara Ave. – Room 307, Alameda, Calif. 94501
B. State Generator's ID:

4. Generator's Phone (510) 748-4625

5. Transporter 1 Company Name: Dexanna, Ltd.
6. US EPA ID Number: CAD932435566
C. State Transporter's ID: 428262
D. Transporter's Phone: (510) 687-1292

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID:
F. Transporter's Phone:

9. Designated Facility Name and Site Address: Erickson, Inc. - 255 Parr Blvd. Richmond, California 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.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid.	002	TP	04300	P	State 512; EPA/Other NONE
b.					State; EPA/Other
c.					State; EPA/Other
d.					State; EPA/Other

J. Additional Descriptions for Materials Listed Above
Qty. 2 Empty Storage Tank (s) # 13917 (T-2), 13918 (T-1) and ______
Tanks have been inerted with XX 15 lbs DRY ICE
1000 gallons each.

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

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.S.T.'s. - Site Location: 2263 Santa Clara Ave - Alameda Ca
24 Hr. Contact Name: Steve Davies & Phone # (510) 748-4625

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 federal, state and international laws.

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: [signature] | Month Day Year: 06 15 94

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James R. Cox | Signature: James R. Cox | Month Day Year: 06 15 94

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

93158481

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (7/92)
EPA 8700—22

Yellow: GENERATOR RETAINS

T-1

NO. 21373

GHT
ONE
35-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

CUSTOMER
VCT
JOB NO
85279

FOR: ERICKSON, INC TANK NO. 13918

LOCATION: RICHMOND DATE: 06/21/94 TIME: 09:21:51

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT LG

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 300 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%
ERICKSON INC HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON INC HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE V. Avila TITLE INSPECTOR JS

T-2

,GHT
,ONE
,35-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 21372

CUSTOMER
VCI
JOB NO.
85270

FOR: ERICKSON, INC. TANK NO. 13917

LOCATION: RICHMOND DATE: 06/21/94 TIME: 09:21:51

TEST METHOD VISUAL GASTECH/1314 SMPN LAST PRODUCT I.G.

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 1000 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%
ERICKSON INC. HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.
ERICKSON INC. HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING.

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE TITLE INSPECTOR

CPS

RECEIVED
SEP 2 0 1994
Ans'd.....

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not the Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

City of Alameda
2263 Santa Clara Avenue

Shipper's No.

Dexanna, Ltd.
Carrier

Agent's No. 0616

RECEIVED, subject to the classifications and tariffs in effect on the date of the receipt by the carrier of the property described in the Original Bill of Lading,

at Alameda, California 6-15 19 94 from V.C.I. of California

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as shown below, which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad water line highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to Erickson, Inc. (Mail or street address of consignee—For purposes of notification only.) 255 Parr Blvd.

Destination Richmond, State of Calif. Zip Code 94801 County of Contra Costa

Routing Dexanna, Ltd. Delivering Carrier Dexanna, Ltd. Vehicle or Car Initial 1 No. T-1

Collect On Delivery
$ _____ and remit to: _____

_____ Street _____ City _____ State

No. Packages	Description of Articles, Special Marks, and Exceptions	*Weight (Sub to Cor.)	Class or Rate	Check Column
2	Waste Empty Storage Tank (s) NON-RCRA Hazardous Waste Solid. Manifest # (s) 2315348 Tank (s) # 13917 and 13918 Loading Time 15:15 to 16:30 - 1½ Hrs.	13,000 lbs		

*If the shipment moves between two ports by a carrier by water, the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property.

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

C. O. D. charge to be paid by { Shipper ☐ Consignee ☐

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements:

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor.)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received $ _____ to apply to prepayment of the charges on the property described hereon.

Agent or Cashier

Per _____
(the signature here acknowledges only the amount Prepaid)

Charges Advanced

$ _____

V.C.I. of California Shipper, Per _____ Dexanna, Ltd. Agent, Per _____

Permanent post-office address of shipper.

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same.)

JUAN

...te of California—Environmental Protection Agency
...m Approved OMB No. 2050-0039 (Expires 9-30-94)
...ase 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.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CA0009507618	001618		

3. Generator's Name and Mailing Address
City of Alameda
2263 Santa Clara Ave. - Room 207 - Alameda,
4. Generator's Phone (510 743-4625 California 94501

A. State Manifest Document Number 93158486
B. State Generator's ID

5. Transporter 1 Company Name Dexanna, Ltd.
6. US EPA ID Number CAD982433566
C. State Transporter's ID 428262
D. Transporter's Phone (510) 687-1292

7. Transporter 2 Company Name
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Phone

9. Designated Facility Name and Site Address
Erickson, Inc. - 255 Parr Blvd.
Richmond, California 94801
10. US EPA ID Number CAD009466392
G. State Facility's ID CAD009466392 (D5)
H. Facility's Phone (510) 235-1393

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 Empty Storage Tank NON-RCRA Hazardous Waste Solid.	001	TP	0/1500	P	State 512 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d. (T-3)					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
Qty. 1 Empty Storage Tank #1398. Tank Has been inerted with 15 lbs. DRY ICE per 1000 gallons capacity.

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

15. Special Handling Instructions and Additional Information
Keep away from sources of ignition. Always wear hardhats when working around U.S.T.'s. - Site Location: 2263 Santa Clara Ave. - X Alameda, Calif. 24 Hr. Contact Name: Steve Davies &Phone # (510) 748-4625

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the 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 federal, state and international laws.

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.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
JUAN F FLOOD		06	21	94

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James R. Cox	James R. Cox	06	21	94

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	DAVID SATO	06	21	94

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 (7/92)
EPA 8700—22

,GHT
,ONE
35-1393

CERTIFICATE

CERTIFIED SERVICES COMPANY

255 Parr Boulevard • Richmond, California 94801

NO. 22720

CUSTOMER
VCT
JOB NO.
85324

FOR: ERICKSON, INC TANK NO. 13882

LOCATION: RICHMOND DATE: 06/23/94 TIME: 12:12:15

TEST METHOD VISUAL CASTECH/1314 SMPN LAST PRODUCT FO

This is to certify that I have personally determined that this tank is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE 1500 GALLON TANK CONDITION SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1%

ERICKSON INC HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED, AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY

ERICKSON INC HAS THE APPROPRIATE PERMITS FOR, AND HAS ACCEPTED THE TANK SHIPPED TO US FOR PROCESSING

In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or if in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur.

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissable concentrations; and (c) In the judgment of the Inspector, the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) In the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.

REPRESENTATIVE TITLE INSPECTOR

This Shipping Order Must be legibly filled in, in Ink, in Indelible Pencil, or in Carbon and retained by the Agent.

Shipper's No.

City of Alameda
2263 Santa Clara Ave.

Dexanna, Ltd.
Carrier

Agent's No. 0618

RECEIVE, subject to the classifications and tariffs in effect on the date of the issue of this Shipping Order,

at Alameda, California 5/21 19 94 from V.C.I. of California

the property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) marked consigned and destined as shown below which said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its own railroad, water line, highway route or routes, or within the territory of its highway operations, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on back hereof, which are hereby agreed to by the shipper and accepted for himself and his assigns

(Mail or street address of consignee—For purposes of notification only)

Consigned to Erickson, Inc. 255 Parr Blvd.

Destination Richmond, State of Calif. Zip Code 94801 County of Contra Costa

Routing Dexanna, Ltd. Delivering Carrier Dexanna, Ltd Vehicle or Car Initial 1 No. T-1

Collect On Delivery
$ _____ and remit to: _____

_____ Street _____ City _____ State

C. O. D. charge to be paid by { Shipper ☐ Consignee ☐

No Packages	Description of Articles, Special Marks, and Exceptions	*Weight (Sub to Cor.)	Class or Rate	Check Column
1	Waste Empty Storage Tank NON-RCRA Hazardous Waste Solid. Manifest # 93158486 Tank # 13992. Loading Time 15:00 to 16:00 - 1 Hr.	3,000 lbs.		

Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statements

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges

(Signature of Consignor)

If charges are to be prepaid, write or stamp here, "TO BE PREPAID."

Received $ _____ to apply to prepayment of the charges on the property described hereon

Agent or Cashier

Per _____
(The signature here acknowledges only the amount Prepaid)

Charges Advanced.

$ _____

*If the shipment moves between two ports by a carrier by water the law requires that the bill of lading shall state whether it is "carrier's or shipper's weight." NOTE—Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

V.C.I. of California Shipper, Per [signature] Dexanna, Ltd.

Permanent post-office address of shipper,

Agent must detach and retain this Shipping Order and must sign the Original Bill of Lading.

(This Bill of Lading is to be signed by the shipper and agent of the carrier issuing same)

APPENDIX D

CONFIRMATION SOIL AND GRAB
GROUND WATER SAMPLING-
CHAIN OF CUSTODY AND ANALYTICAL TEST RESULTS

91289

Chain of Custody and Analysis Request

Page 1 of 1

Hoexter Consulting, Inc.
734 Torreya Court
Palo Alto, CA 94303
Phone: (415) 494-2505 Fax: (415) 494-2505
Project Manager: David Hoexter
Alternate Contact:
Project No.: CTYA-1417 P.O. No. 94-00596

TURN AROUND TIME
(circle one)
Same Day 72 Hrs.
24 Hrs. 48 Hrs.
(Normal 5 Day) [circled]

Superior Precision Analytical Inc.
P.O. Box 1545
Martinez, California 94553

Martinez I: (510) 229-1512
Martinez II: (510) 229-0166
San Francisco: (415) 647-2081

Section II: Analysis Request

Sampler: DAVID F. HOEXTER
Regulatory Agency: Alameda County

Sample Identification	Matrix (S=Soil A=Air W=Water)	6010 (Pb)	8015M/8020 gas/BTXE	8015M (diesel)	8020	Needs to filter ASAP D7H							Date Sampled	Time Sampled	# of Containers	Preservatives (yes or no)	Sampling Remarks
1 T-1, S-1 ✓	S	X	X										4/17/94	09:20	1	No	Bioremediation; (UST) [circled]; Monitoring; Recent Contamination; Unknown Compounds; COMMENTS: Analyze per RWQCB
2 T-2, S-1 ✓	↓	X	X										↓	9:55	1	No	Bill to: Cust. Req.
3 T-2, S-2 ✓		X	X											10:10	1	No	RGA Environmental 1260 45th Street Emeryville, CA 94608
4 T-2, S-3 ✓		X	X											10:30	1	No	
5 T-2, S-4 ✓		X	X											10:45	1	No	
6 T-2 grab	W	X				(*)								11:40	1	yes	D 7H (*)
7 T-2 grab (a,b)	↓		X										↓	11:45	2	yes	D 7H
8 (c)														11:45	1	NO	
9																	
10																	
11																	
12																	

DFH D7H

Relinquished By: [signature]	Date/Time 6/17/94 1:55 pm	Received By: Cecilia G. Joaquin	Date/Time 6/17/94 1:55 pm	**Lab: Please initial the following:**
Organization: Hoexter / RGA		Organization: Superior Analytical		Samples Stored in Ice: Yes Hand Delivered
Reliquished By: Cecilia G. Joaquin	Date/Time 6/17/94 2:05 pm	Received By:	Date/Time	Appropriate Containers: Yes
Organization: Superior Lab		Organization:		Samples Preserved: Yes
Relinquished By:	Date/Time	Received By: [signature]	Date/Time 6-17-94 8:00 pm	VOAs without headspace: Yes
Organization:		Laboratory: Superior		Comments:

91289/DFH

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 ▪ Martinez, California 94553 ▪ (510) 229-1512 / fax (510) 229-1526

HOEXTER CONSULTING ENG GEOLOGY
Attn: DAVID HOEXTER

Project CTYA-1417
Reported 06/24/94

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed	Matrix
91888- 1	T-1,S-1	04/17/94	06/21/94	Soil
91888- 2	T-2,S-1	04/17/94	06/21/94	Soil
91888- 3	T-2,S-2	04/17/94	06/21/94	Soil
91888- 4	T-2,S-3	04/17/94	06/21/94	Soil
91888- 5	T-2,S-4	04/17/94	06/21/94	Soil
91888- 6	T-2 GRAB a,b,c	04/17/94	06/23/94	Water

RESULTS OF ANALYSIS

Laboratory Number:	91888- 1	91888- 2	91888- 3	91888- 4	91888- 5
Gasoline:	4700	ND<1	ND<1	ND<1	ND<1
Benzene:	8.4	ND<.005	ND<.005	ND<.005	ND<.005
Toluene:	95	ND<.005	ND<.005	ND<.005	ND<.005
Ethyl Benzene:	59	ND<.005	ND<.005	ND<.005	ND<.005
Total Xylenes:	340	ND<.005	ND<.005	ND<.005	ND<.005
Concentration:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg

Laboratory Number:	91888- 6
Gasoline:	ND<50
Benzene:	ND<0.5
Toluene:	ND<0.5
Ethyl Benzene:	ND<0.5
Total Xylenes:	ND<0.5
Concentration:	ug/L

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

C E R T I F I C A T E O F A N A L Y S I S

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

QA/QC INFORMATION
SET: 91888

NA = ANALYSIS NOT REQUESTED
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT
mg/kg = parts per million (ppm)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:
Minimum Detection Limit in Soil: 50mg/kg

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
Minimum Quantitation Limit for Diesel in Soil: 1mg/kg

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:
Minimum Quantitation Limit for Gasoline in Soil: 1mg/kg

EPA SW-846 Method 8020/BTXE
Minimum Quantitation Limit in Soil: 0.005mg/kg

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	82/75	9%	70-130
Benzene:	95/97	2%	70-130
Toluene:	100/100	0%	70-130
Ethyl Benzene:	105/105	0%	70-130
Total Xylenes:	104/104	0%	70-130

Senior Chemist

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

HOEXTER CONSULTING ENG GEOLOGY
Attn: DAVID HOEXTER

Project CTYA-1417
Reported 23-June-1994

ANALYSIS FOR TOTAL LEAD
by EPA Method SW-846 6010

Chronology

Laboratory Number 91888

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
T-1,S-1	04/17/94	06/17/94	06/20/94	06/21/94		1
T-2,S-1	04/17/94	06/17/94	06/20/94	06/21/94		2
T-2,S-2	04/17/94	06/17/94	06/20/94	06/21/94		3
T-2,S-3	04/17/94	06/17/94	06/20/94	06/21/94		4
T-2,S-4	04/17/94	06/17/94	06/20/94	06/21/94		5
T-2 GRAB a,b,c	04/17/94	06/17/94	06/20/94	06/21/94		6

Certified Laboratories

825 Arnold Dr., Suite 114
Martinez, California 94553
(510) 229-1512 / fax (510) 229-1526

1555 Burke St., Unit I
San Francisco, California 94124
(415) 647-2081 / fax (415) 821-7123

309 S. Cloverdale St., Suite B-24
Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429

HOEXTER CONSULTING ENG GEOLOGY
Attn: DAVID HOEXTER

Project CTYA-1417
Reported 23-June-1994

ANALYSIS FOR TOTAL LEAD

Laboratory Number	Sample Identification	Matrix
91888- 1	T-1,S-1	Soil
91888- 2	T-2,S-1	Soil
91888- 3	T-2,S-2	Soil
91888- 4	T-2,S-3	Soil
91888- 5	T-2,S-4	Soil
91888- 6	T-2 GRAB a,b,c	Water

RESULTS OF ANALYSIS

Laboratory Number:	91888- 1	91888- 2	91888- 3	91888- 4	91888- 5
Lead (Pb):	ND<5	ND<5	ND<5	ND<5	ND<5
Concentration:	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Laboratory Number:	91888- 6
Lead (Pb):	ND<0.1*
Concentration:	mg/L

* Sediment not included in digest per client's request.

Certified Laboratories

825 Arnold Dr., Suite 114
Martinez, California 94553
(510) 229-1512 / fax (510) 229-1526

1555 Burke St., Unit I
San Francisco, California 94124
(415) 647-2081 / fax (415) 821-7123

309 S. Cloverdale St., Suite B-24
Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429

ANALYSIS FOR TOTAL LEAD
Quality Assurance and Control Data - Soil

Laboratory Number 91888

Compound		Method Blank (mg/Kg)	RL (mg/Kg)	Spike Recovery (%)	Limits (%)	RPD (%)
Lead	(Pb):	ND<5	5	93/90	75-125	3%

Definitions:
ND = Not Detected
RPD = Relative Percent Difference
RL = Reporting Limit
mg/Kg = Parts per million (ppm)
QC File No. 91888

Certified Laboratories

825 Arnold Dr., Suite 114
Martinez, California 94553
(510) 229-1512 / fax (510) 229-1526

1555 Burke St., Unit I
San Francisco, California 94124
(415) 647-2081 / fax (415) 821-7123

309 S. Cloverdale St., Suite B-24
Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429

ANALYSIS FOR TOTAL LEAD
Quality Assurance and Control Data - Water

Laboratory Number 91888

Compound		Method Blank (mg/L)	RL (mg/L)	Spike Recovery (%)	Limits (%)	RPD (%)
Lead	(Pb):	ND<0.1	0.1	96/98	75-125	2%

Definitions:
ND = Not Detected
RPD = Relative Percent Difference
RL = Reporting Limit
mg/L = Parts per million (ppm)
QC File No. 91888

Senior Chemist
Account Manager

Certified Laboratories

825 Arnold Dr., Suite 114
Martinez, California 94553
(510) 229-1512 / fax (510) 229-1526

1555 Burke St., Unit I
San Francisco, California 94124
(415) 647-2081 / fax (415) 821-7123

309 S. Cloverdale St., Suite B-24
Seattle, Washington 98108
(206) 763-2992 / fax (206) 763-8429

Chain of Custody and Analysis Request

Page 1 of 1

Hoexter Consulting, Inc.
734 Torreya Court
Palo Alto, CA 94303
Phone: (415) 494-2505 Fax: (415) 494-2505
Project Manager: David Hoexter
Alternate Contact:
Project No.: CTYA-1417 Quotation No. 94-00596

TURN AROUND TIME
(circle one)
Same Day 72 Hrs.
24 Hrs. 48 Hrs.
Normal 5 Day

Superior Precision Analytical Inc.
P.O. Box 1545
Martinez, California 94553

Martinez I: (510) 229-1512
Martinez II: (510) 229-0166
San Francisco: (415) 647-2081

Section II: Analysis Request 58294

Sampler: DAVID F. HOEXTER
Regulatory Agency: Alameda County / RWQCB

Sample Identification	S=Soil A=Air W=Water Matrix	6010 (Pb)	8015M/8020	8015M (diesel)	8020									Date Sampled	Time Sampled	# of Containers	Preservatives (yes or no)
1 T-3, 5-1	S			X	X									6/21/94	15:15	1	NO
2 T-3, 5-2	S			X	X									"	15:20	1	NO
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

Sampling Remarks
Bioremediation
UST
Monitoring
Recent Contamination
Unknown Compounds
COMMENTS:
Anal. per RWQCB/LUST

X **Bill to:**
RGA Environmental
1260 45th Street
Emeryville, CA 94608

Relinquished By: D. Hoexter	Date/Time 6/22/94 09:50	Received By: [illegible]
Organization: Hoexter Cons. G./RGA		Organization: HERO
Reliquished By: [illegible]	Date/Time 6/22 10:40	Received By:
Organization: HERO		Organization:
Relinquished By:	Date/Time	Received By:
Organization:		Laboratory: Superior

Date/Time 6/22 9:50	
Date/Time	
Date/Time 6/23/94 10:45	

Lab: Please initial the following:

Samples Stored in Ice:	✓
Appropriate Containers:	✓
Samples Preserved:	NO
VOAs without headspace:	NO
Comments:	

TOM

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

HOEXTER CONSULTING ENG GEOLOGY
Attn: DAVID HOEXTER

Project CTYA-1417
Reported 28-June-1994

PURGEABLE AROMATIC HYDROCARBONS - by EPA SW-846 Methods 5030/8020.

Chronology

Laboratory Number 58294

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
T-3,S-1	06/21/94	06/22/94	06/26/94	06/26/94		1
T-3,S-2	06/21/94	06/22/94	06/26/94	06/26/94		2

Certified Laboratories
1555 Burke St., Unit 1 ▪ San Francisco, California 94124 ▪ (415) 647-2081 / fax (415) 821-7123

HOEXTER CONSULTING ENG GEOLOGY
Attn: DAVID HOEXTER

Project CTYA-1417
Reported 28-June-1994

PURGEABLE AROMATIC HYDROCARBONS - by EPA SW-846 Methods 5030/8020.

Laboratory Number	Sample Identification	Matrix
58294- 1	T-3,S-1	Soil
58294- 2	T-3,S-2	Soil

RESULTS OF ANALYSIS

Laboratory Number:	58294- 1	58294- 2
Benzene:	ND<.005	ND<.005
Toluene:	ND<.005	ND<.005
Ethyl Benzene:	ND<.005	ND<.005
Total Xylenes:	ND<.005	ND<.005
Concentration:	mg/kg	mg/kg
-- Surrogate % Recoveries --		
Trifluorotoluene (SS):	93	95

Certified Laboratories
1555 Burke St., Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

PURGEABLE AROMATIC HYDROCARBONS - by EPA SW-846 Methods 5030/8020.
Quality Assurance and Control Data - Soil

Laboratory Number 58294

Compound	Method Blank (mg/kg)	RL (mg/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
Benzene:	ND<.005	.005	85/90	67-141	6%
Toluene:	ND<.005	.005	87/92	67-141	6%
Ethyl Benzene:	ND<.005	.005	80/85	67-141	6%
Total Xylenes:	ND<.005	.005	85/90	67-141	6%

Definitions:
ND = Not Detected
RPD = Relative Percent Difference
RL = Reporting Limit
mg/kg = Parts per million (ppm)
QC File No. 58294

Cecilia G Joaquin 6/28/94
Senior Chemist
Account Manager

Certified Laboratories
1555 Burke St., Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

HOEXTER CONSULTING ENG GEOLOGY
Attn: DAVID HOEXTER

Project CTYA-1417
Reported 23-June-1994

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
BY EPA METHOD 8015M

Chronology

Laboratory Number 58294

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
T-3,S-1	06/21/94	06/22/94	06/22/94	06/22/94		1
T-3,S-2	06/21/94	06/22/94	06/22/94	06/22/94		2

Certified Laboratories
1555 Burke St., Unit 1 ▪ San Francisco, California 94124 ▪ (415) 647-2081 / fax (415) 821-7123

HOEXTER CONSULTING ENG GEOLOGY
Attn: DAVID HOEXTER

Project CTYA-1417
Reported 23-June-1994

TOTAL PETROLEUM HYDROCARBONS AS DIESEL

Laboratory Number	Sample Identification	Matrix
58294- 1	T-3,S-1	Soil
58294- 2	T-3,S-2	Soil

RESULTS OF ANALYSIS

Laboratory Number:	58294- 1	58294- 2
Diesel Range:	ND<10	ND<10
Concentration:	mg/kg	mg/kg

Certified Laboratories
1555 Burke St., Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

TOTAL PETROLEUM HYDROCARBONS AS DIESEL
Quality Assurance and Control Data - Soil

Laboratory Number 58294

Compound	Method Blank (mg/kg)	RL (mg/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
Diesel Range:	ND<10	10	90/88	50-150	2%

Definitions:
ND = Not Detected
RPD = Relative Percent Difference
RL = Reporting Limit
mg/kg = Parts per million (ppm)
QC File No. 58294

Cecilia G. Joaquin 6/28/94
Senior Chemist
Account Manager

Certified Laboratories
1555 Burke St., Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

APPENDIX E

UST T-1 SUPPLEMENTAL EXCAVATION SOIL SAMPLES-CHAIN OF CUSTODY AND ANALYTICAL TEST RESULTS

Chain of Custody and Analysis Request

Page 1 of 1

Hoexter Consulting, Inc.
734 Torreya Court
Palo Alto, CA 94303
Phone: (415) 494-2505 Fax: (415) 494-2505
Project Manager: David Hoexter
Alternate Contact:
Project No.: CTYA-1417 ~~P.O. No.~~ Quotation No. 94-00596

TURN AROUND TIME (circle one)
Same Day 72 Hrs.
24 Hrs. 48 Hrs.
(Normal 5 Day) — circled

Superior Precision Analytical Inc.
P.O. Box 1545
Martinez, California 94553
Martinez I: (510) 229-1512
Martinez II: (510) 229-0166
San Francisco: (415) 647-2081

Section II: Analysis Request

Sampler: DAVID F. HOEXTER
Regulatory Agency: ALAMEDA Co. / RWQCB

Sample Identification	Matrix (S=Soil A=Air W=Water)	6010 (Pb)	8015M/8020	8015M (diesel)	8020									Date Sampled	Time Sampled	# of Containers	Preservatives (yes or no)
1 T-1, S-2	S		X											7/11/94	13:45	1	N/A
2 T-1, S-3	S		X												14:15	↓	↓
3 T-1, S-4	S		X												14:50	↓	↓
4 T-1, S-5	S		X												15:50	↓	↓
5 T-1, S-6	S		X												1600	↓	↓
6 T-1, S-7	S		X												1605	↓	↓
7																	
8																	
9																	
10																	
11																	
12																	

Sampling Remarks
Bioremediation
UST (circled)
Monitoring
Recent Contamination
Unknown Compounds
COMMENTS: Anal. per RWQCB/LUFT

✱ **Bill to:** ✱
RGA Environmental
1260 45th Street
Emeryville, CA 94608

All samples contained in SS 2x6" liners/tubes

Relinquished By: [signature] Organization: Hoexter / RGA	Date/Time 7/12/94 1103	Received By: Wayne Danley Organization: AERO Delivery	Date/Time 7-11-94 1103AM		
Reliquished By: Wayne Dal Organization: AERO Special Delivery	Date/Time 7-12-94 1200	Received By: Organization:	Date/Time		
Relinquished By: Organization:	Date/Time	Received By: R. Burg Laboratory: SPASF	Date/Time 7/12/94 1300		

Lab: Please initial the following: TB ✓ 7°C
Samples Stored in Ice: ✓
Appropriate Containers: ✓
Samples Preserved: NA
VOAs without headspace: ✓
Comments:

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

HOEXTER CONSULTING ENG GEOLOGY
Attn: DAVID HOEXTER

Project CTYA-1417
Reported 18-July-1994

ANALYSIS FOR GASOLINE, BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
by EPA SW-846 Methods 5030/8015M/8020.

Chronology

Laboratory Number 58411

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
T-1,S-2	07/11/94	07/12/94	07/13/94	07/13/94		1
T-1,S-3	07/11/94	07/12/94	07/13/94	07/13/94		2
T-1,S-4	07/11/94	07/12/94	07/13/94	07/13/94		3
T-1,S-5	07/11/94	07/12/94	07/13/94	07/13/94		4
T-1,S-6	07/11/94	07/12/94	07/13/94	07/13/94		5
T-1,S-7	07/11/94	07/12/94	07/13/94	07/13/94		6

Certified Laboratories
1555 Burke St., Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

HOEXTER CONSULTING ENG GEOLOGY
Attn: DAVID HOEXTER

Project CTYA-1417
Reported 18-July-1994

ANALYSIS FOR GASOLINE, BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES

Laboratory Number	Sample Identification	Matrix
58411- 1	T-1,S-2	Soil
58411- 2	T-1,S-3	Soil
58411- 3	T-1,S-4	Soil
58411- 4	T-1,S-5	Soil
58411- 5	T-1,S-6	Soil
58411- 6	T-1,S-7	Soil

RESULTS OF ANALYSIS

Laboratory Number:	58411- 1	58411- 2	58411- 3	58411- 4	58411- 5
Gasoline_Range:	ND<1	100	12	1	ND<1
Benzene:	ND<.005	0.63	ND<.005	0.051	ND<.005
Toluene:	ND<.005	4.1	0.059	0.039	ND<.005
Ethyl Benzene:	ND<.005	1.6	0.026	0.055	ND<.005
Total Xylenes:	ND<.005	8.9	0.087	0.15	ND<.005
Concentration:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
-- Surrogate % Recoveries --					
Trifluorotoluene (SS):	91	141	80	104	87

Laboratory Number:	58411- 6
Gasoline_Range:	ND<1
Benzene:	ND<.005
Toluene:	ND<.005
Ethyl Benzene:	ND<.005
Total Xylenes:	ND<.005
Concentration:	mg/kg
-- Surrogate % Recoveries --	
Trifluorotoluene (SS):	91

Certified Laboratories
1555 Burke St., Unit 1 ▪ San Francisco, California 94124 ▪ (415) 647-2081 / fax (415) 821-7123

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

ANALYSIS FOR GASOLINE, BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES
Quality Assurance and Control Data - Soil

Laboratory Number 58411

Compound	Method Blank (mg/kg)	RL (mg/kg)	Spike Recovery (%)	Limits (%)	RPD (%)
Gasoline_Range:	ND<1	1	78/71	55-139	9%
Benzene:	ND<.005	.005	100/85	67-141	16%
Toluene:	ND<.005	.005	95/83	67-141	13%
Ethyl Benzene:	ND<.005	.005	90/80	67-141	12%
Total Xylenes:	ND<.005	.005	92/82	67-141	11%

Definitions:
ND = Not Detected
RPD = Relative Percent Difference
RL = Reporting Limit
mg/kg = Parts per million (ppm)
QC File No. 58411

7/19/94

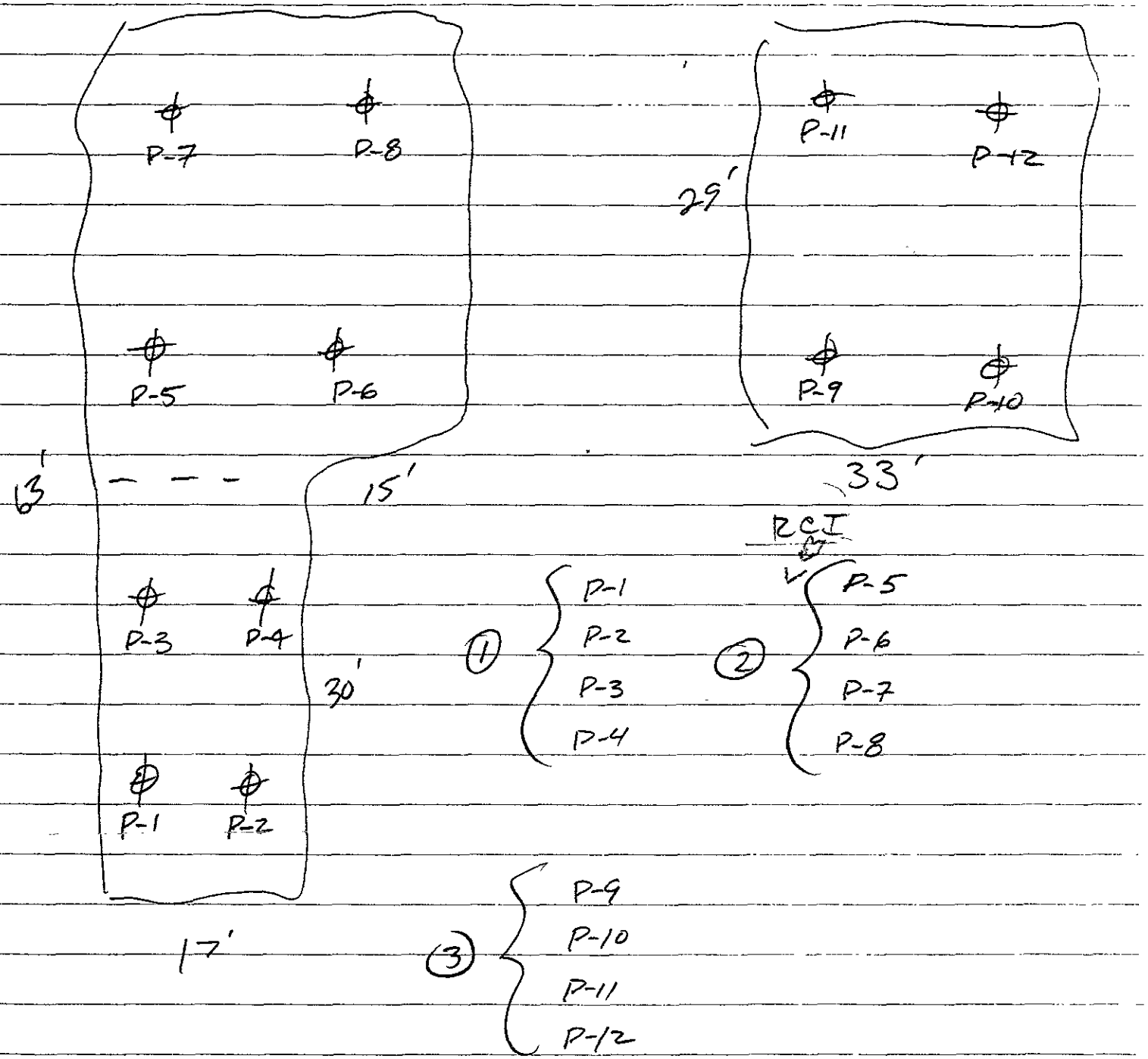
Senior Chemist
Account Manager

Certified Laboratories
1555 Burke St., Unit 1 • San Francisco, California 94124 • (415) 647-2081 / fax (415) 821-7123

APPENDIX F

AERATED SOIL STOCKPILE SAMPLING-
CHAIN OF CUSTODY AND ANALYTICAL TEST RESULTS

7/7/94 @ 1:06 ARRIVED ON SITE



(1) - T- 1,2 - gas

(2) - T- 1,2 - gas

(3) - T-3 - fuel oil

UST Removals/Aerated Soil

VCI field sketch

7/8/94

Alameda City Hall

P-9 → Diesel, BTEX, TRPH 92036

CHROMALAB, INC.

2239 Omega Road, #1 • San Ramon, California 94583
510/831-1788 • Facsimile 510/831-8798

Chain of Custody

DOHS 1094

DATE 7/07/94 PAGE 1 OF 2

PROJ. MGR MERLIN BOWEN
COMPANY VCI OF CA.
ADDRESS 753 PECALTA AVE.
SAN LEANDRO, CA. 94577

SAMPLERS (SIGNATURE) (PHONE NO.)
Merlin Bowen 510/568-1234

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (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)	R.C.I.	METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)				NUMBER OF CONTAINERS
P-1	7/07	1:11	A.M.	SOIL	ICE		X									X					X					
P-2							X									X					X					
P-3							X									X					X					
P-4							X									X					X					
P-5	7/07						X									X					X	M	4	40	C	
P-6							X									X					X	NO				
P-7							X									X					X	YES				
P-8							X									X					X	N/A				
																						12 CONTAINERS				

COMPOSITE (P-1 to P-4)
COMPOSITE (P-5 to P-8)

PROJECT INFORMATION

PROJECT NAME: CITY OF ALAMEDA
PROJECT NUMBER:
P.O. #:

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS:
HEAD SPACE:
REC'D GOOD CONDITION/COLD:
CONFORMS TO RECORD:

TAT	STANDARD 5-DAY			24	48	72	OTHER
					X		

SPECIAL INSTRUCTIONS/COMMENTS:
P-1 TO P-4 COMPOSITE TEST FOR TPH G, BTEX, PD
P-5 TO P-8 COMPOSITE INTO ONE SAMPLE TEST FOR TPH G, BTEX, PD
48 HR TURN AROUND

	1.	2	3.
RELINQUISHED BY	CATHERINE MAYER	D. Long	
(SIGNATURE) (TIME)	9:45	DAVE LONG 12:00	
(PRINTED NAME) (DATE)	7/8/94	AERO 7-8-94	
(COMPANY)			
RECEIVED BY	D. Long		
(SIGNATURE) (TIME)	DAVE LONG 9:45		
(PRINTED NAME) (DATE)	AERO 7-8-94		
(COMPANY)			
RECEIVED BY	1.	2.	3
(SIGNATURE) (TIME)			Mark Young 12:00
(PRINTED NAME) (DATE)			7/8/94
(COMPANY)			(LAB)

CHROMALAB, INC.

DOHS 1894

2239 Omega Road, #1 • San Ramon, California 94583
510/831-1788 • Facsimile 510/831-8798

9203

Chain of Custody

DATE _____ PAGE _____

PROJ MGR: MEGAN BOWEN
COMPANY: VCI of CA.
ADDRESS: 755 BERALTA AVE
SAN LEANDRO, CA.
SAMPLERS (SIGNATURE): Megan Bowen
(PHONE NO.) 510/568-1234

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (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)	PCT	METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)		NUMBER OF CONTAINERS
P-9	7/07	1:48	Soil	ICE		X	X									X							1
P-10	7/07	1:52	Soil	ICE		X	X									X							1
P-11	7/07	1:54	Soil	ICE		X	X									X							1
P-12	7/07	1:56	Soil	ICE		X	X									X							1

Composite

PROJECT INFORMATION

PROJECT NAME: ALAMEDA
PROJECT NUMBER:
P.O. #:

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS:
HEAD SPACE:
RECD GOOD CONDITION/COLD:
CONFORMS TO RECORD:

TAT: STANDARD 5-DAY | 24 | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
P-9 TO P-12 Composite into one SAMPLE
TPH D, BTX&E
48 HR. TURN AROUND.

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY
(SIGNATURE) Catherine Mayer (TIME)	(SIGNATURE) (TIME)	(SIGNATURE)
(PRINTED NAME) (DATE) 7/8/94	(PRINTED NAME) (DATE)	(PRINTED NAME)
(COMPANY)	(COMPANY)	(COMPANY)
RECEIVED BY 1	**RECEIVED BY 2.**	**RECEIVED BY (LABORATORY)**
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE)
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME)
(COMPANY)	(COMPANY)	(LAB)

Superior Precision Analytical, Inc.
825 Arnold Drive Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

VCI OF CA
Attn: MERLIN BARVEN

Project CITY OF ALAMEDA
Reported 07/12/94

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed	Matrix
92036- 1	P-1-4	07/07/94	07/08/94	Soil
92036- 2	P-5-8	07/07/94	07/08/94	Soil
92036- 3	P-9-12	07/07/94	07/08/94	Soil

RESULTS OF ANALYSIS

Laboratory Number:	92036- 1	92036- 2	92036- 3
Gasoline:	ND<1	2	ND<1
Benzene:	ND<.005	ND<.005	ND<.005
Toluene:	0.008	.009	0.007
Ethyl Benzene:	ND<.005	0.010	ND<.005
Total Xylenes:	ND<.005	0.026	ND<.005
PH:	6.69	6.91	8.44
Diesel Range:	NA	NA	ND<10
Concentration:	mg/Kg	mg/Kg	mg/Kg

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

C E R T I F I C A T E O F A N A L Y S I S

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

QA/QC INFORMATION
SET: 92036

NA = ANALYSIS NOT REQUESTED
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT
mg/kg = parts per million (ppm)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:
Minimum Detection Limit in Soil: 50mg/kg

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
Minimum Quantitation Limit for Diesel in Soil: 10mg/kg

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:
Minimum Quantitation Limit for Gasoline in Soil: 1mg/kg

EPA SW-846 Method 8020/BTXE
Minimum Quantitation Limit in Soil: 0.005mg/kg

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	130/130	0%	70-130
Benzene:	102/110	8%	70-130
Toluene:	106/114	7%	70-130
Ethyl Benzene:	94/101	7%	70-130
Total Xylenes:	105/111	6%	70-130
Diesel Range:	93/123	28%	69-136

Michael R. Verona
Senior Chemist

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

VCI of CA
Attn: Account Manager

Project CITY OF ALAMEDA
Reported 11-July-1994

ANALYSIS FOR TOTAL LEAD
by EPA Method SW-846 6010

Chronology

Laboratory Number 92036

Identification	Sampled	Received	Extracted	Analyzed	Run #	Lab #
P-1-4	07/07/94	07/08/94	07/08/94	07/11/94		1
P-5-8	07/07/94	07/08/94	07/08/94	07/11/94		2

Superior Precision Analytical, Inc.
825 [illegible] Drive Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

VCI of CA
Attn: Account Manager

Project CITY OF ALAMEDA
Reported 11-July-1994

ANALYSIS FOR TOTAL LEAD

Laboratory Number	Sample Identification	Matrix
92036- 1	P-1-4	Soil
92036- 2	P-5-8	Soil

RESULTS OF ANALYSIS

Laboratory Number:	92036- 1	92036- 2
Lead (Pb):	5	11
Concentration:	mg/Kg	mg/Kg

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

ANALYSIS FOR TOTAL LEAD
Quality Assurance and Control Data - Soil

Laboratory Number 92036

Compound	Method Blank (mg/Kg)	RL (mg/Kg)	Spike Recovery (%)	Limits (%)	RPD (%)
Lead (Pb):	ND<5	5	90/93	75-125	3%

Definitions:
ND = Not Detected
RPD = Relative Percent Difference
RL = Reporting Limit
mg/Kg = Parts per million (ppm)
QC File No. 92036

Michael R. Veron
Senior Chemist
Account Manager

Certified Laboratories

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

Attention: Merlin Bowen
Laboratory No.: 92036
Client : VCI of CA
Client job No.: NA

Date received : 07/08/94
Date reported : 07/08/94

FLASHPOINT BY EPA METHOD 1010

Lab	Sample ID	Date Sampled	Date Analyzed	Analyte	Result	Dup Rpd
1	P-1-4	07/07/94	07/08/94	Flash Point	27	10%
2	P-5-8	07/07/94	07/08/94	Flash Point	33	3%
3	P-9-12	07/07/94	07/08/94	Flash Point	29	7%

Michael R. Veroni
Senior Chemist
Account Manager

Superior Precision Analytical, Inc.
825 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1512 / fax (510) 229-1526

CERTIFICATE OF ANALYSIS

Laboratory No.: 92036
Client : VCI of CA
Client job No.: CITY OF ALAMEDA

Date received : 07/08/94
Date reported : 07/11/94

PH MEASUREMENT BY SW-846 Method 9045

Lab	Sample ID	Date Sampled	Date Analyzed	Analyte	
1	P-1-4	07/07/94	07/11/94	PH	6.69
2	P-5-8	07/07/94	07/11/94	PH	6.91
3	P-9-12	07/07/94	07/11/94	PH	8.44

Michael R. Veron
Senior Chemist
Account Manager

92084

CHROMALAB, INC.

2239 Omega Road, #1 • San Ramon, California 94583
510/831-1788 • Facsimile 510/831-8798

DOHS 1094

Chain of Custody

DATE 7-13 PAGE 1 OF 1

PROJ. MGR MERLIN BOWEN
COMPANY VCI OF CALIFORNIA
ADDRESS 753 PERALTA AVE
SAN LEANDRO, CA. 94577
SAMPLERS (SIGNATURE) Merlin Bowen (PHONE NO.) 510/568-1234

ANALYSIS REPORT

SAMPLE ID.	DATE	TIME	MATRIX	PRESERV.	TPH - Gasoline (EPA 5030, 8015)	TPH - Gasoline (5030, 8015) w/BTEX (EPA 602, 8020)	TPH - Diesel (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)		METALS: Cd, Cr, Pb, Zn, Ni	CAM METALS (17)	PRIORITY POLLUTANT METALS (13)	TOTAL LEAD	EXTRACTION (TCLP, STLC)			NUMBER OF CONTAINERS
SP-13	7/13	2:45	SOIL	}		X																		
SP-14	7/13	2:47	SOIL	}		X																		

Please Initi[al]
Samples S[tored in ice]
Appropria[te containers] Yes
Samples p[reserved]
VOA's w[ithout headspace] No
Commen[ts]

PROJECT INFORMATION

PROJECT NAME: CITY OF ALAMEDA
PROJECT NUMBER: 265
P.O. #

SAMPLE RECEIPT

TOTAL NO. OF CONTAINERS
HEAD SPACE
REC'D GOOD CONDITION/COLD
CONFORMS TO RECORD

TAT: STANDARD 5-DAY | ~~24~~ (X) | 48 | 72 | OTHER

SPECIAL INSTRUCTIONS/COMMENTS:
24 HOUR TURN AROUND
COMPOSITE BOTH SAMPLES AND ANALIZE AS ONE DISCREET SAMPLE.

T-1 Over Excavation

RELINQUISHED BY 1.	RELINQUISHED BY 2.	RELINQUISHED BY 3.
(SIGNATURE) Merlin Bowen (TIME) 4:18	(SIGNATURE) D. Louie (TIME) 414	(SIGNATURE) (TIME)
(PRINTED NAME) MERLIN BOWEN (DATE) 7/13	(PRINTED NAME) D. Louie AERO (DATE) 7-13	(PRINTED NAME) (DATE)
(COMPANY) VCI of CA	(COMPANY)	(COMPANY)

RECEIVED BY 1.	RECEIVED BY 2.	RECEIVED BY (LABORATORY) 3.
(SIGNATURE) (TIME)	(SIGNATURE) (TIME)	(SIGNATURE) T. Babia (TIME) Sypania 6:15
(PRINTED NAME) (DATE)	(PRINTED NAME) (DATE)	(PRINTED NAME) Tracy Babjar (DATE)
(COMPANY)	(COMPANY)	(LAB)

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

VCI OF CA
Attn: MERLIN BOWEN

Project 265
Reported 07/14/94

TOTAL PETROLEUM HYDROCARBONS

Lab #	Sample Identification	Sampled	Analyzed	Matrix
92084- 1	SP-13-14	07/13/94	07/13/94	Soil

RESULTS OF ANALYSIS

Laboratory Number: 92084- 1

Gasoline:	1.3
Benzene:	ND<.005
Toluene:	0.017
Ethyl Benzene:	0.006
Total Xylenes:	0.060
Concentration:	mg/kg

Certified Laboratories
825 Arnold Dr., Suite 114 • Martinez, California 94553 • (510) 313-0850 / fax (510) 229-1526

Superior Precision Analytical, Inc.
A member of ESSCON Environmental Support Service Consortium

C E R T I F I C A T E O F A N A L Y S I S

ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS

QA/QC INFORMATION
SET: 92084

NA = ANALYSIS NOT REQUESTED
ND = ANALYSIS NOT DETECTED ABOVE QUANTITATION LIMIT
mg/kg = parts per million (ppm)

OIL AND GREASE ANALYSIS By Standard Methods Method 5520F:
Minimum Detection Limit in Soil: 50mg/kg

Modified EPA SW-846 Method 8015 for Extractable Hydrocarbons:
Minimum Quantitation Limit for Diesel in Soil: 1mg/kg

EPA SW-846 Method 8015/5030 Total Purgable Petroleum Hydrocarbons:
Minimum Quantitation Limit for Gasoline in Soil: 1mg/kg

EPA SW-846 Method 8020/BTXE
Minimum Quantitation Limit in Soil: 0.005mg/kg

ANALYTE	MS/MSD RECOVERY	RPD	CONTROL LIMIT
Gasoline:	76/77	1%	70-130
Benzene:	72/74	3%	70-130
Toluene:	80/82	2%	70-130
Ethyl Benzene:	82/84	2%	70-130
Total Xylenes:	84/86	2%	70-130

Senior Chemist

APPENDIX G

SOIL DISPOSAL
FORMS, MANIFESTS, RECEIPTS

BFI® Waste Systems

BROWNING-FERRIS INDUSTRIES

WCD No. SB 25770

BFI WASTE CODE

WASTE EVALUATION REQUEST

BFI to complete this area.

BFI Initiator:
Location:
Company Number:
Telephone: ( )
Fax: ( )
Date:

Action Requested: ☐ New Waste Approval
☐ Up Date Approval - Previous Number:
Disposal Site Requested:
Company Number:
Disposal Method Requested: ☐ Working Face ☐ Daily Cover
☐ Other

WASTE CHARACTERIZATION DATA
Petroleum Contaminated Soils

IMPORTANT: This form is to be used to describe contaminated soils resulting from the release of petroleum products only and is not to be used for hazardous waste or PCB's regulated by a federal or applicable state, provincial, or local authority.

INSTRUCTIONS: A representative of the generator must complete the Waste Characterization Data (WCD) portion of this form. Please be thorough in your answers. The entire form must be completed, answers must be legibly printed in ink or typewritten, and the completed form must be signed and dated. Please attach any additional relevant information such as analytical data that will help to describe the waste and expedite its review. Use the form only one time since this form has a unique WCD number assigned.

1. GENERATOR INFORMATION

a) Generator's Name: CITY OF ALAMEDA
b) Generating Facility's Address: 2263 SANTA CLARA AVE.
City: ALAMEDA State: CA Zip: 94577
c) Generator's Representative: MERLIN BOWEN
Title: CONTRACTOR
Telephone: (510) 568-1234
Fax: (510) 568-2218
d) Emergency/Information Contact: MERLIN BOWEN
Title: CONTRACTOR
Telephone: (510) 568-1234

e) Customer's Name: VCI OF CALIFORNIA
f) Customer's Mailing Address: 753 PERALTA AVE
City: SAN LEANDRO State: CA Zip: 94577
g) Representative: MERLIN BOWEN
Telephone: (510) 568-1234
Fax: (510) 568-2218

2. GENERAL WASTE STREAM INFORMATION

a) This waste was generated as a result of: 1) ☑ UST Removal 2) ☐ AST Removal 3) ☐ Spill
b) Type of facility generating the contaminated soil: FUELING FACILITY
c) Is this waste subject to the UST corrective action regulations under 40 CFR 280? ☑ Yes ☐ No
d) Anticipated Volume: 160 ☑ Cubic Yards ☐ Tons ☐ Gallons ☐ Cubic Meters ☐ Tonnes(metric)
Other ____ Per: ☐ Year ☐ Month ☐ Week ☐ Day ☐ One Time ☐ Other
To be transported in: ☑ Bulk ☐ Drums (type/size) ____ ☐ Other
e) Is this a "Hazardous Waste" as defined by State, Provincial, or local Regulations? ☐ Yes ☑ No
If yes, enter the Waste Identification Number if one has been assigned:
f) Is this a "Special Waste", an "Industrial Process Waste", or a "Pollution Control Waste" as defined by State, Provincial, or local Regulations?
☐ Yes ☑ No If yes, enter Waste Identification Number, if one has been assigned:
g) Recommended personal protection equipment and special handling procedures: GLOVES, EYE PROTECTION, LEVEL D
h) Has a representative sample of the contaminated soil been provided to BFI? ☐ Yes ☑ No

"Pre-Acceptance"

1/2

BFI WASTE CODE ____ / ____ / ____ / ____

3. THIS WASTE CONTAINS

Note if the waste contains any of the following: If any are checked "Yes", specify type (if applicable) and include its concentration.

- ☐ Free Liquids
- ☐ Free Cyanide
- ☐ Free Sulfide
- ☐ Free Ammonia
- ☐ Dioxins
- ☐ Organic Solvents
- ☐ OSHA Substances
- ☐ Etiological Agents
- ☐ Pathogens
- ☐ Biological Materials
- ☐ Radioactive Materials
- ☐ PCBs not regulated by TSCA 40 CFR 761
- ☒ None of the Above

Type and concentration: ____

4. SPECIAL WASTE COMPOSITION

Description of the waste.

- ☐ Soil contaminated with leaded gasoline
- ☒ Soil contaminated with unleaded gasoline
- ☐ Soil contaminated with diesel fuel
- ☐ Soil contaminated with heating oil
- ☐ Soil contaminated with vehicle drain oil
- ☐ Soil contaminated with other petroleum products

Specify: ____

5. SUPPLEMENTAL INFORMATION

☐ None ☐ MSD Sheets ☒ Analytical Data ☐ Chain of Custody ☐ Memo/Letter ☐ Waste Composition

☐ Other - describe: ____ No. of Pages: ____

6. GENERATOR'S CERTIFICATION

I hereby certify that the above and attached description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of composition or properties exist, that all known or suspected hazards have been disclosed, and that the waste is not a regulated hazardous waste by the USEPA, by an applicable State or Provincial authority, or by any applicable local authority, and does not contain PCBs regulated by TSCA (i.e., 40 CFR 761) or any Provincial authority.

GENERATOR'S AUTHORIZED SIGNATORY as identified in Section 1 (c):

7/13/94 | MERLIN BOWEN | Merlin Bowen | CONTRACTOR

DATE | PRINT NAME | SIGNATURE | TITLE

REPRESENTATIVE SAMPLE CERTIFICATION

This Section is to be completed by the person obtaining the sample of the above described waste.

I certify that the sample for which analytical data was provided on the waste described above is representative of that waste and was collected and preserved in a manner consistent with accepted technical standards.

Lab sample assigned to: SUPERIOR LAB

(peel off label)

Collector's Name: MERLIN BOWEN

Signature: Merlin Bowen

Company: VCI OF CALIFORNIA

Title: PROJECT MANAGER

Telephone Number: (510)

Date Collected: 7/07/94

Generator's Name: CITY OF ALAMEDA

Waste Description: GASOLINE CONTAMINATED SOILS

Date Collected: 7/07/94

WCD No. SB 25770

rev: 8/93

BFI Waste Systems™
BROWNING-FERRIS INDUSTRIES

No. 1026569

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name: [illegible] Alameda
Generating Location: 2263 Santa Clara [illegible]

Address: 2263 Santa Clara Av.
ALAMEDA CA 94501-4455
Address: ALAMEDA CA 94501

Phone No. 510-7484510
Phone No. 510-7484510

Waste Code: CA 405 071494 25770

Description of Waste	Quantity	Units	Containers No.	Containers Type
Gasoline Contaminated Soil	13.00	T		Y

Type: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name: [illegible] Signature: [illegible] Shipment Date: 071994

TRANSPORTER

Truck No. 62[illegible]
Phone No. (510) 568-1234

Transporter Name: [illegible]
Driver Name (Print): Steven Elm[illegible]

Address: 153 Peralta Ave
SAN LEANDRO CA 94577
Vehicle License No./State: [illegible] 328X
Vehicle Certification:

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature: [signature] Shipment Date: 071994

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature: [signature] Delivery Date: 071994

DESTINATION

Site Name:
Phone No.

Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent: Signature: [signature] Receipt Date: 07[illegible]

PASS CODE

10/86 BFI 260-720

TRANSPORTER RETAIN

VASCO ROAD SANITARY LANDFILL No: 616311

A DIVISION OF BFI BROWNING-FERRIS INDUSTRIES

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

Ticket : A73857 07/19/94 02:13 pm
Customer: VERL'S CONSTRUCTION INC
Account : 1007301 LMS #301
Truck : 227
SPECIAL
Manifest: 1026569
P.O. No : ALAMEDA
Checker : MARK
Gross Wt: 23.31 Scale 1
Tare: 10.31 Stored Net: 13.00
Source: TIM

Volume	Contents	Rate	Charge
13.00 TN	SPECIAL	17.00	221.00
TOTAL			$ 221.00

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.

THANK YOU FOR YOUR BUSINESS!!!

DRIVER

DRIVER

BFI Waste Systems™
BROWNING-FERRIS INDUSTRIES

No. 1026568

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name: CITY OF ALAMEDA
Address: 2263 SANTA CLARA AVE.
ALAMEDA, CA. 94501-4455
Phone No.: 510-748-4510

Generating Location: 2263 SANTA CLARA AVE
Address: ALAMEDA, CA 94501-4455
Phone No.: 510-748-4510

BFI Waste Code: CA 405 071494 25770

Description of Waste: GASOLINE CONTAMINATED SOILS

Quantity	Units	Containers No.	Containers Type
11.54	TONS		Y

Type: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name: Martin Bowen
Signature: Martin Bowen
Shipment Date: 07/19/94

TRANSPORTER

Truck No.: 0227
Phone No.: (510) 568-1234
Transporter Name: U.T.I. of California
Driver Name (Print): STEVEN ELMS
Address: 153 PERALTA AVE.
SAN LEANDRO, CA 94577
Vehicle License No./State: 88328Y
Vehicle Certification:

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature: Steven Elms
Shipment Date: 07/19/94

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature: Steven M. Elms
Delivery Date: 07/19/94

DESTINATION

Site Name:
Phone No.:
Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent:
Signature:
Receipt Date: 07/XX/XX

PASS CODE

10/86

BFI260-720

TRANSPORTER RETAIN

BFI Waste Systems™
BROWNING-FERRIS INDUSTRIES

No. 1026570

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name: CITY of ALAMEDA
Generating Location: 263 SANTA CLARA
Address: 263 SANTA CLARA ST. ALAMEDA CA 94501-4455
Address: ALAMEDA CA 94501-4455
Phone No.: 510-748-4516
Phone No.: 510-748-4516
BFI Waste Code: CA 405 071494
Description of Waste: 25770
GASOLINE CONTAMINATED SOILS

Quantity	Units	Containers No.	Containers Type
1266 TON	1		

Type: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name: [illegible]
Signature: [signature]
Shipment Date: 07/19/94

TRANSPORTER

Truck No.: 0127
Phone No.: 415-562-1234
Transporter Name: BFI [illegible]
Driver Name (Print): [illegible]
Address: 753 PERALTA AVE
Vehicle License No./State: 88 228 X
SAN LEANDRO, CA 94577
Vehicle Certification

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature: [signature]
Shipment Date: 07/19/94

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature: [signature]
Delivery Date: 07/19/94

DESTINATION

Site Name:
Phone No.:
Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent:
Signature: [signature]
Receipt Date: 7/19/94

PASS CODE

0/86

BFI260-720

TRANSPORTER RETAIN

VASCO ROAD SANITARY LANDFILL No: 616253

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

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

Ticket : A73801 07/19/94 12:20 pm
Customer: VERL'S CONSTRUCTION INC
Account : 1007301 LMS #301
Truck : 227
SPECIAL
Manifest: 1026568
P.O. No : CITY ALAMD
Checker : MARK
Gross Wt: 21.85 Scale 1
Tare: 10.31 Stored Net: 11.54
Source: TIM

Volume		Contents	Rate	Charge
11.54	TN	SPECIAL	17.00	196.18
TOTAL				$ 196.18

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.

THANK YOU FOR YOUR BUSINESS!!!

DRIVER

DRIVER

VASCO ROAD SANITARY LANDFILL No: 616364

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

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

Ticket : A73910 07/19/94 04:19 pm
Customer: VERL'S CONSTRUCTION INC
Account : 1007301 LMS #301
Truck : 227
SPECIAL
Manifest: 1026570
P.O. No : ALAMEDA
Checker : LEE
Gross Wt: 22.97 Scale 1
Tare: 10.31 Stored Net: 12.66
Source: TIM

Volume		Contents	Rate	Charge
12.66	TN	SPECIAL	17.00	215.22
TOTAL				$ 215.22

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.

THANK YOU FOR YOUR BUSINESS!!!

BFI Waste Systems™
BROWNING-FERRIS INDUSTRIES

No. 1026573

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name: [illegible]

Generating Location: [illegible]

Address: [illegible] 94501-[illegible]

Address: [illegible] 94501-045

Phone No. 510-7484510

Phone No. 510-7484510

BFI Waste Code: [illegible]

Description of Waste	Quantity	Units	Containers No.	Containers Type
Gasoline Contaminated Soil	1099	Y		Y

Type: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name: [illegible]

Signature: [signature]

Shipment Date: 072094

TRANSPORTER

Truck No. [illegible]

Phone No. (510) [illegible]

Transporter Name: ICT of California

Driver Name (Print): Steven M. [illegible]

Address: [illegible] Ave

San Leandro CA 94577

Vehicle License No./State: 8? 328?

Vehicle Certification:

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature: [signature]

Shipment Date: 072094

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature: [signature]

Delivery Date: 072094

DESTINATION

Site Name:

Phone No.

Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent:

Signature: [signature]

Receipt Date: 072094

PASS CODE

?/86

BFI260-720

TRANSPORTER RETAIN

BFI Waste Systems™
BROWNING-FERRIS INDUSTRIES

No. 1026574

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name: City of Alameda — Generating Location: [illegible]

Address: [illegible] Santa Clara Ave. — Address: Alameda CA 94501-4[illegible]

Alameda CA 94501-44[illegible]

Phone No. 510-748-4510 — Phone No. 510-748-4570

BFI Waste Code: CA 405 071494 25770

Description of Waste	Quantity	Units	Containers No.	Containers Type
Gasoline Contaminated Soil	1060	Y		Y

Type: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name: [illegible] Bower — Signature: [signature] — Shipment Date: 072094

TRANSPORTER

Truck No.: [illegible]227 — Phone No.: (510) 568-1234

Transporter Name: VCT of California — Driver Name (Print): Steve Elms

Address: 753 Peralta Ave. — Vehicle License No./State: 88 328X

San Leandro, CA. 94577 — Vehicle Certification:

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature: Steve M. Elms — Shipment Date: 072094

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature: Steve M. Elms — Delivery Date: 072094

DESTINATION

Site Name: — Phone No.:

Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent: — Signature: [signature] — Receipt Date: 072094

PASS CODE

0/86 — BFI260-720

TRANSPORTER RETAIN

VASCO ROAD SANITARY LANDFILL No: 616577

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

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

Ticket : A74121 07/20/94 01:11 pm
Customer: VERL'S CONSTRUCTION INC
Account : 1007301 LMS #301
Truck : 227
SPECIAL
Manifest: 1026573
P.O. No : ALAMEDA
Checker : MARK
Gross Wt: 21.10 Scale 1
Tare: 10.31 Stored Net: 10.79
Source: TIM

Volume		Contents	Rate	Charge
10.79	TN	SPECIAL	17.00	183.43
TOTAL			$	183.43

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.

THANK YOU FOR YOUR BUSINESS!!!

DRIVER

DRIVER

VASCO ROAD SANITARY LANDFILL No: 616627

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

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

Ticket : A74172 07/20/94 03:10 pm
Customer: VERL'S CONSTRUCTION INC
Account : 1007301 LMS #301
Truck : 227
SPECIAL
Manifest: 1026574
P.O. No : ALAMEDA
Checker : MARK
Gross Wt: 20.91 Scale 1
Tare: 10.31 Stored Net: 10.60
Source: TIM

Volume		Contents	Rate	Charge
10.60	TN	SPECIAL	17.00	180.20
TOTAL			$	180.20

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.

THANK YOU FOR YOUR BUSINESS!!!

BFI Waste Systems™
BROWNING-FERRIS INDUSTRIES

No. 1026571

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name: CITY OF ALAMEDA
Address: 2263 SANTA CLARA ST. ALAMEDA, CA. 94501-4455
Phone No.: 510-748-4510

Generating Location: 2263 SANTA CLARA
Address: ALAMEDA, CA. 94501-4455
Phone No.: 510-748-4510

BFI Waste Code: LA 405 071494 25770

Description of Waste: GASOLINE CONTAMINATED SOIL

Quantity	Units	Containers No.	Containers Type
1.81	TONS	1	Y

Type: D - Drum; C - Carton; B - Bag; T - Truck; P - Pounds; Y - Yards; O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name: MARIA BOWEN
Signature: Maria Bowen
Shipment Date: 072094

TRANSPORTER

Truck No.: 0224
Transporter Name: UCT OF CALIFORNIA
Address: 753 PERALTA AVE. SAN LEANDRO, CA. 94577
Phone No.: (510) 568-1234
Driver Name (Print): STEVEN M. ELMS
Vehicle License No./State: 88328 X
Vehicle Certification:

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature: Steven M. Elms
Shipment Date: 072094

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature: Steven M. Elms
Delivery Date: 072094

DESTINATION

Site Name:
Phone No.:
Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent:
Signature:
Receipt Date: 72094

PASS CODE:

10/86

BFI260-720

TRANSPORTER RETAIN

BFI Waste Systems™
BROWNING-FERRIS INDUSTRIES

No. 1026572

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name: City of Alameda | Generating Location: 2263 Santa Clara
Address: 2263 Santa Clara Ave, Alameda CA 94501-4456 | Address: Alameda CA 94501-44
Phone No. 510-748-4510 | Phone No. 510-748-4510

BFI Waste Code: CA 405 071494 25470

Description of Waste	Quantity	Units	Containers No.	Type
Gasoline Contaminated Soil	10.89	1		Y

Type: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Generator Authorized Agent Name: [illegible] | Signature: [signature] | Shipment Date: 072094

TRANSPORTER

Truck No.: [illegible] | Phone No.: 510 562-1234
Transporter Name: UCI of California | Driver Name (Print): Steven Evans
Address: 755 Ferreira Ave, San Leandro, CA 94577 | Vehicle License No./State: 8B[illegible]328X
Vehicle Certification:

I hereby certify that the above named material was picked up at the generator site listed above.

Driver Signature: [signature] | Shipment Date: 072094

I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature: [signature] | Delivery Date: 072094

DESTINATION

Site Name: | Phone No.:
Address:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent: | Signature: [signature] | Receipt Date: 72094

PASS CODE

10/86 BFI260-720

TRANSPORTER RETAIN

VASCO ROAD SANITARY LANDFILL No: 616443

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

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

Ticket : A73988 07/20/94 08:55 am
Customer: VERL'S CONSTRUCTION INC
Account : 1007301 LMS #301
Truck : 227
SPECIAL
Manifest: 1026571
P.O. No : ALAMEDA
Checker : LEE
Gross Wt: 22.12 Scale 1
Tare: 10.31 Stored Net: 11.81
Source: TIM

Volume		Contents	Rate	Charge
11.81	TN	SPECIAL	17.00	200.77
TOTAL			$	200.77

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.

THANK YOU FOR YOUR BUSINESS!!!

DRIVER

DRIVER

VASCO ROAD SANITARY LANDFILL No: 616506

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

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

Ticket : A74050 07/20/94 10:52 am
Customer: VERL'S CONSTRUCTION INC
Account : 1007301 LMS #301
Truck : 227
SPECIAL
Manifest: 1026572
P.O. No : ALAMEDA
Checker : LEE
Gross Wt: 21.20 Scale 1
Tare: 10.31 Stored Net: 10.89
Source: TIM

Volume		Contents	Rate	Charge
10.89	TN	SPECIAL	17.00	185.13
TOTAL			$	185.13

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.

THANK YOU FOR YOUR BUSINESS!!!

DRIVER

BFI Waste Systems™
BROWNING-FERRIS INDUSTRIES

No. 1026575

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name: CITY OF ALAMEDA
Address: 2263 SANTA CLARA AVE.
ALAMEDA, CA 94501-4455
Phone No. 510-748-4510

Generating Location: 2263 SANTA CLARA AVE
Address: ALAMEDA, CA. 94501-4455
Phone No. 510-748-4510

BFI Waste Code: CA 405 071494 25770

Description of Waste: GASOLINE CONTAMINATED SOIL

Quantity	Units	Containers No.	Containers Type
1108	1		Y

Type: D - Drum, C - Carton, B - Bag, T - Truck, P - Pounds, Y - Yards, O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

MERLIN BOWEN — Merlin Bowen — 07/21/94
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Truck No. 0227
Phone No. (510) 568-1234
Transporter Name: VCT OF CALIFORNIA
Driver Name (Print): STEVEN M. ELMS
Address: 753 PERALTA AVE.
SAN LEANDRO, CA. 94577
Vehicle License No./State: 88 328 X
Vehicle Certification

I hereby certify that the above named material was picked up at the generator site listed above.

Steven M. Elms — 07/21/94
Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Steven M. Elms — 07/21/94
Driver Signature — Delivery Date

DESTINATION

Site Name
Phone No.
Address

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — 07/21/94 Receipt Date

PASS CODE

10/86

BFI260-720

TRANSPORTER RETAIN

BFI Waste Systems™
BROWNING-FERRIS INDUSTRIES

No. 1026576

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name: CITY OF ALAMEDA
Address: 2263 SANTA CLARA AVE
ALAMEDA, CA. 94501-4455
Phone No. 510-748-4510

Generating Location: 2263 SANTA CLARA AVE
Address: ALAMEDA, CA. 94501-4455
Phone No. 510-748-4510

BFI Waste Code: CA 405 071494 25770

Description of Waste: GASOLINE CONTAMINATED SOIL

Quantity	Units	Containers No.	Containers Type
12.36	1		Y

Type: D - Drum; C - Carton; B - Bag; T - Truck; P - Pounds; Y - Yards; O - Other

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Marlen Bowen — Marlen Bowen — 07/21/94
Generator Authorized Agent Name — Signature — Shipment Date

TRANSPORTER

Truck No. 0277
Transporter Name: VCT of California
Address: 753 Peralta Ave.
San Leandro, CA. 94577

Phone No (510) 568-1234
Driver Name (Print): Steven M. Elms
Vehicle License No./State: 88 323 X
Vehicle Certification

I hereby certify that the above named material was picked up at the generator site listed above.

Steven M. Elms — 07/21/94
Driver Signature — Shipment Date

I hereby certify that the above named material was delivered without incident to the destination listed below.

Steven M. Elms — 07/21/94
Driver Signature — Delivery Date

DESTINATION

Site Name
Phone No.
Address

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Name of Authorized Agent — Signature — 07/21/94 Receipt Date

PASS CODE

10/86

BFI260-720

TRANSPORTER RETAIN

VASCO ROAD SANITARY LANDFILL No: 616744

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

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

Ticket : A74289 07/21/94 09:36 am
Customer: VERL'S CONSTRUCTION INC
Account : 1007301 LMS #301
Truck : 227
SPECIAL
Manifest: 1026575
P.O. No : ALAMEDA
Checker : MARK
Gross Wt: 21.39 Scale 1
Tare: 10.31 Stored Net: 11.08
Source: TIM

Volume		Contents	Rate	Charge
11.08	TN	SPECIAL	17.00	188.36
TOTAL			$	188.36

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.

THANK YOU FOR YOUR BUSINESS!!!

DRIVER

DRIVER

VASCO ROAD SANITARY LANDFILL No: 612434

A DIVISION OF BFI® BROWNING-FERRIS INDUSTRIES

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

Ticket : A74377 07/21/94 12:22 pm
Customer: VERL'S CONSTRUCTION INC
Account : 1007301 LMS #301
Truck : 227
SPECIAL
Manifest: 1026576
P.O. No : ALAMEDA
Checker : MARK
Gross Wt: 22.67 Scale 1
Tare: 10.31 Stored Net: 12.36
Source: TIM

Volume		Contents	Rate	Charge
12.36	TN	SPECIAL	17.00	210.12
TOTAL			$	210.12

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.

THANK YOU FOR YOUR BUSINESS!!!

DRIVER

APPENDIX H

MONITORING WELL SAMPLING DATA-
RESNA INDUSTRIES, INC.

RESNA
Working to Restore Nature

42501 Albrae Street, Suite 100
Fremont, California 94538
Phone: (510) 440-3300
FAX: (510) 651-2233

SEMIANNUAL GROUNDWATER MONITORING REPORT
First Half 1994

Three City of Alameda Facilities
Alameda, California

Job 11010.02

– Applicable excerpts only

RESNA
Working to Restore Nature

42501 Albrae Street, Suite 100
Fremont, California 94538
Phone: (510) 440-3300
FAX: (510) 651-2233

June 2, 1994

Mr. Jim Sanderson
City of Alameda
Maintenance Service Center
1616 Fortmann Way
Alameda, California 94501

Subject: Semiannual Groundwater Monitoring Report, First Half 1994
Three City of Alameda Facilities
Alameda, California.

Mr. Sanderson:

RESNA Industries Inc. (RESNA) has completed the semiannual sampling and analysis of five groundwater monitoring wells located at three City of Alameda facilities (Plate 1). Groundwater sampling was conducted on March 30, 1994, to satisfy the underground fuel storage compliance requirements of the County of Alameda. The five wells sampled are located at the following locations: Fire Station No. 3 (wells FS3-MW1 and FS3-MW2), City Hall (wells CH-MW1 and CH-MW2), and the Police Station (well PS-MW1). RESNA discontinued monitoring and groundwater sampling of well FS2-MW1 located at Fire Station No. 2 on January 1994. Discontinuation of groundwater monitoring and sampling was verbally approved by Juliet Shin of Alameda County Water District (ACWD) on October 5, 1993, based on tank pull activities and installation of additional wells at the site. The site plan for each facility is shown on Plate 2 and 3.

The purpose of this work is to evaluate fluctuations of possible petroleum hydrocarbon concentrations in groundwater beneath the subject site.

GROUNDWATER MONITORING

Field Work

On March 30, 1994, groundwater samples were collected from wells CH-MW1, CH-MW2, FS3-MW2, FS3-MW1, PS3-MW1 in accordance with RESNA's groundwater sampling protocol (Appendix A). Groundwater sampling data obtained during well purging is

included in Appendix A. Groundwater purged from the wells and equipment rinse water were placed in a Department of Transportation-approved drum and left onsite pending receipt of the laboratory analyses.

Laboratory Analyses

The groundwater samples were submitted to Sequoia Analytical Laboratories, a state-certified laboratory, located in Redwood City, California. The groundwater samples were analyzed for the presence of total petroleum hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and total xylenes (BTEX) using Environmental Protection Agency (EPA) Methods 5030/8015/8020 and selected groundwater samples were analyzed for the presence of total petroleum hydrocarbons as diesel (TPHd) using EPA Methods 3510/3520/8015.

Results of Groundwater Monitoring

Concentrations of TPHg and BTEX were not detected in any of the groundwater samples analyzed. Laboratory results indicated that no TPHd were detected in samples from well FS3-MW2. However, the laboratory reported the presence of 110 parts per billion (ppb) TPHd in well PS-MW1. The chromatogram pattern of TPHd consisted of a "non-diesel mix, C14-C20". The groundwater analytical results are summarized in Table 1. Analytical reports and chain-of-custody documents are presented in Appendix B.

REPORTING REQUIREMENTS

RESNA recommends a signed copy of this report be forwarded by the City of Alameda to the following agency:

Ms. Pamela Evans
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94612

RESNA
Working to Restore Nature

If you have any questions or comments regarding the information presented in this report please call (510) 440-3300.

Sincerely,
RESNA Industries Inc.

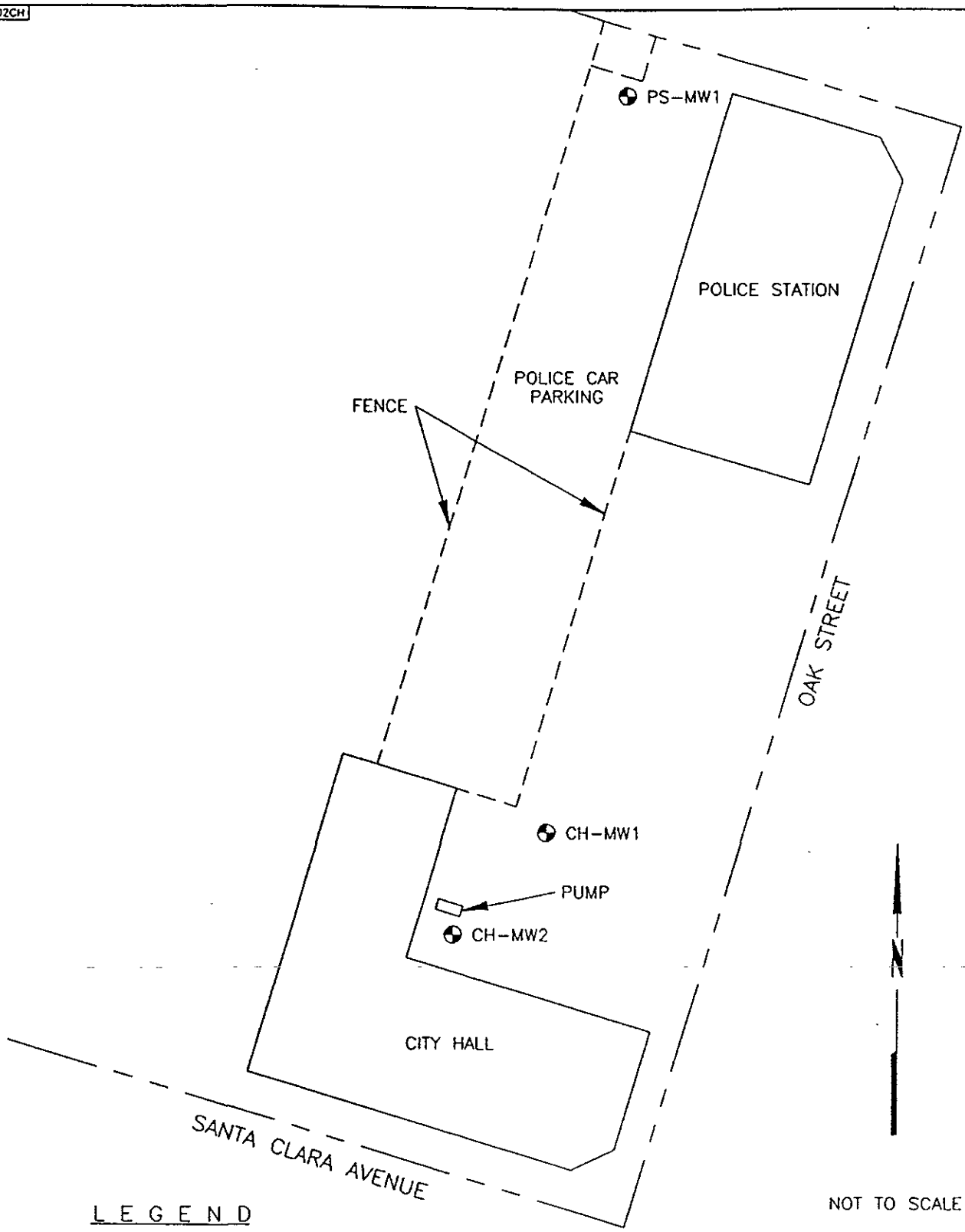
Jeffrey D. Sala
Geologic Technician

Michael L. Siembieda, R.G. 4007
Geoscience Manager

Attachments:

	Plate 1:	Site Vicinity Map
	Plate 2:	Site Plan (Fire Station No. 3)
	Plate 3:	Site Plan (City Hall and Police Station)
	Table 1:	Summary of Groundwater Analytical Data
	Appendix A:	Groundwater Sampling Protocol and Well Purge Data Sheets
	Appendix B:	Analytical Reports and Chain-of-Custody Documents

110102CH



LEGEND

CH-MW2 GROUNDWATER MONITORING WELL

RESNA
Working to Restore Nature

PROJECT 11010.02

SITE PLAN
City Hall and Police Station
2263 Santa Clara Avenue
Alameda, California

PLATE
3

RESNA
Working to Restore Nature

TABLE 1
SUMMARY OF GROUNDWATER ANALYSIS DATA
Two City of Alameda Facilities
Alameda, California
(Page 2 of 2)

Sample Number	Date Sampled	TPHg (ppb)	TPHd (ppb)	Benzene (ppb)	Toluene (ppb)	Ethyl benzene (ppb)	Total Xylenes (ppb)
CH-MW1	08/05/87	<20	NA	<0.4	<0.4	NA	<0.4
	02/16/88	<50	NA	<0.5	<0.5	NA	<0.5
	08/24/88	<7	NA	<0.1	<0.1	<0.1	<0.2
	02/08/89	<50	NA	<0.5	<0.5	<0.5	<0.5
	08/07/89	<30	NA	<0.3	<0.3	<0.3	<0.3
	02/09/90	<30	NA	<0.3	<0.3	<0.3	<0.3
	08/28/90	<30	NA	<0.3	<0.3	<0.3	<0.3
	02/08/91	<30	NA	<0.3	<0.3	<0.3	<0.3
	03/04/92	<50	NA	<0.5	<0.5	<0.5	<0.5
	09/08/92	<50	NA	NA	NA	NA	NA
	03/11/93	<50	NA	<0.5	<0.5	<0.5	<0.5
	09/29/93	<50	NA	<0.50	<0.50	<0.50	<0.50
	03/30/94	<50	NA	<0.50	<0.50	<0.50	<0.50
CH-MW2	08/05/87	<20	NA	<0.4	<0.4	NA	<0.4
	02/16/88	<50	NA	<0.5	<0.5	NA	<0.5
	08/24/88	36	NA	<0.1	<0.1	<0.1	<0.2
	02/08/89	<50	NA	0.55	<0.5	<0.5	<0.5
	08/07/89	<30	NA	<0.3	<0.3	<0.3	<0.3
	02/09/90	<30	NA	<0.3	<0.3	<0.3	<0.3
	08/28/90	<30	NA	<0.3	<0.3	<0.3	<0.3
	02/08/91	<30	NA	<0.3	<0.3	<0.3	<0.3
	03/04/92	<50	NA	<0.5	<0.5	<0.5	<0.5
	09/08/92	<50	NA	NA	NA	NA	NA
	03/11/93	<50	NA	<0.5	<0.5	<0.5	<0.5
	09/29/93	<50	NA	<0.50	<0.50	<0.50	<0.50
	03/30/94	<50	NA	<0.50	<0.50	<0.50	<0.50
PS-MW1	08/05/87	NA	160	NA	NA	NA	NA
	02/16/88	NA	<50	NA	NA	NA	NA
	08/24/88	NA	<60	NA	NA	NA	NA
	02/08/89	NA	<50	NA	NA	NA	NA
	08/07/89	NA	<50	NA	NA	NA	NA
	02/09/90	NA	<50	NA	NA	NA	NA
	08/28/90	NA	<50	NA	NA	NA	NA
	02/08/91	NA	NA	NA	NA	NA	NA
	03/04/92	NA	<100	NA	NA	NA	NA
	09/08/92	NA	57	NA	NA	NA	NA
	03/11/93	NA	<50	NA	NA	NA	NA
	09/29/93	NA	470*	NA	NA	NA	NA
	03/30/94	NA	110**	NA	NA	NA	NA

TPHg Total petroleum hydrocarbons as gasoline
TPHd Total petroleum hydrocarbons as diesel
NA Not sampled / not analyzed
* Laboratory indicated that chromatogram pattern consisted of a "Non-Diesel Mix; C13-C20"
** Laboratory indicated that chromatogram pattern consisted of a "Non-Diesel Mix; C14-C20"
ppb Parts per billion
< Less than the indicated detection limit

RESNA
Working to Restore Nature

WELL PURGE DATA SHEET

Project: City of Alameda

Job: 11010.02

Date: 03/30/94

Page 1 of 1

Well No. CH-MW1

Time Started 11:58

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
11:58	Started CH-MW1				
12:00	1.0	65.9	7.06	570	>200
12:02	2.0	65.9	7.07	570	>200
12:04	3.0	65.9	7.11	560	>200
12:07	4.25	66.2	7.19	550	>200
12:07	Stop purging CH-MW1				

Notes:

Well Diameter (inches) :	2
Depth to Bottom (feet) :	15.69
Depth to Water - initial (feet) :	9.48
Depth to Water - final (feet) :	9.53
% recovery :	99
Time Sampled :	12:50
Gallons per Well Casing Volume :	1.05
Gallons Purged :	4.25
Well Casing Volume Purged :	4.04
Approximate Pumping Rate (gpm) :	.47

RESNA
Working to Restore Nature

WELL PURGE DATA SHEET

Project: City of Alameda Job: 11010.02

Date: 03/30/94 Page 1 of 1

Well No. CH-MW2 Time Started 12:10

TIME (hr)	GALLONS (cum.)	TEMP. (F)	pH	CONDUCT. (micromho)	TURBIDITY (NTU)
12:10	Start purging CH-MW2				
12:12	1.0	65.6	7.35	580	>200
12:19	2.0	65.0	7.25	570	>200
12:16	3.0	64.7	7.29	570	>200
12:18	4.0	64.6	7.29	570	>200
12:18	Stopped purging CH-MW2				

Notes:

Well Diameter (inches) :	2
Depth to Bottom (feet) :	15.21
Depth to Water - initial (feet) :	9.67
Depth to Water - final (feet) :	9.85
% recovery :	96
Time Sampled :	12:55
Gallons per Well Casing Volume :	.94
Gallons Purged :	4.0
Well Casing Volume Purged :	4.25
Approximate Pumping Rate (gpm) :	.5

CHAIN OF CUSTODY

819 West Striker Ave. • Sacramento, CA 95834 (916) 921-9600 FAX (916) 921-0100
1900 Bates Ave., Suite LM • Concord, CA 94520 • (510) 686-9600 FAX (510) 686-9689

Company Name: RESNA INDUSTRIES	Project Name: City OF ALAMEDA 11010.02
Address: 3315 ALMADEN EXPRESSWAY SUITE 34	Billing Address (if different): 42501 ALBRAE ST.
City: SAN JOSE State: CA Zip Code: 95118	FREMONT, CA. 94538
Telephone: (408) 264-7723 FAX #: (408) 264-2435	P.O. #: 001143
Report To: Rich Gurrow Sampler: JEFFREY D. SALA	QC Data: [X] Level A (Standard) ☐ Level B ☐ Level C ☐ Level D

Turnaround Time: [X] 10 Working Days ☐ 7 Working Days ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 24 Hours ☐ 2 - 8 Hours

☐ Drinking Water ☐ Waste Water ☐ Other

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Desc.	# of Cont.	Cont. Type	Sequoia's Sample #	TPHG (8015)	BTEX (8021/8020)	TPHD			HOLD				Comments
1. FS3-MW1	3/30/94 10:50	HCL	3	WATER		X	X				01		04/03	129	
2. FS3-MW2	3/30/94 11:00	HCL	4			X	X	X			02				
3. CH-MW1	3/30/94 12:50	HCL	3			X	X				03				
4. CH-MW2	3/30/94 2:55	HCL	3			X	X				04				
5. PS-MW1	3/30/94 1:45	HCL	1					X			05				
6. BB-1	3/30/94 10:45	HCL	3			X	X				06	X			* RUN SAMPLE FURTHER SAMPLE ARE OVER DETECTION LIMITS
7.															
8.															
9.															
10.															

Relinquished By: Jeffrey D. Sala	Date: 3/30/94	Time: 4:00	Received By: [illegible]
Relinquished By: [illegible]	Date: 3/31	Time: 1:55	Received By: [illegible]
Relinquished By: [illegible]	Date:	Time:	Received By Lab: [illegible]

Date: [illegible]	Time: 4:00pm	
Date: 3/31	Time:	
Date: 3/31/94	Time: 18:40	

Were Samples Received in Good Condition? [X] Yes ☐ No Samples on Ice? [X] Yes ☐ No Method of Shipment _____ Page 1 of 1

Pink - Client
Yellow - Sequoia
White - Sequoia

Sequoia Analytical

680 Chesapeake Drive, Redwood City, CA 94063, (415) 364-9600, FAX (415) 364-9233
1900 Bates Avenue, Suite L, Concord, CA 94520, (510) 686-9600, FAX (510) 686-9689
819 Striker Avenue, Suite 8, Sacramento, CA 95834, (916) 921-9600, FAX (916) 921-0100

RESNA
3315 Almaden Expwy., Suite 34
San Jose, CA 95118
Attention: Rich Garlow

Client Project ID: 11010.02, City of Alameda
Sample Matrix: Water
Analysis Method: EPA 5030/8015 Mod./8020
First Sample #: 4CJ2901

Sampled: Mar 30, 1994
Received: Mar 31, 1994
Reported: Apr 13, 1994

TOTAL PURGEABLE PETROLEUM HYDROCARBONS with BTEX DISTINCTION

Analyte	Reporting Limit µg/L	Sample I.D. 4CJ2901 FS3-MW1	Sample I.D. 4CJ2902 FS3-MW2	Sample I.D. 4CJ2903 CH-MW1	Sample I.D. 4CJ2904 CH-MW2
Purgeable Hydrocarbons	50	N.D.	N.D.	N.D.	N.D.
Benzene	0.50	N.D.	N.D.	N.D.	N.D.
Toluene	0.50	N.D.	N.D.	N.D.	N.D.
Ethyl Benzene	0.50	N.D.	N.D.	N.D.	N.D.
Total Xylenes	0.50	N.D.	N.D.	N.D.	N.D.
Chromatogram Pattern:		--	--	--	--

Quality Control Data

Report Limit Multiplication Factor:	1.0	1.0	1.0	1.0
Date Analyzed:	4/3/94	4/3/94	4/3/94	4/3/94
Instrument Identification:	GCHP-17	GCHP-17	GCHP-17	GCHP-17
Surrogate Recovery, %: (QC Limits = 70-130%)	101	81	84	79

Purgeable Hydrocarbons are quantitated against a fresh gasoline standard.
Analytes reported as N.D. were not detected above the stated reporting limit.

SEQUOIA ANALYTICAL

MTClark

Jackie Tague Clark
Project Manager