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15 April 1994

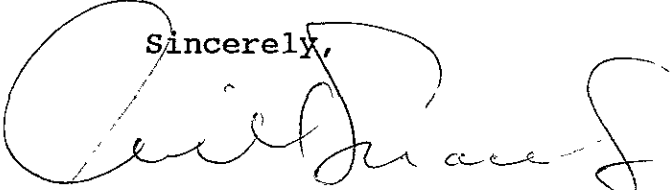
Mr. Scott O. Seery, CHMM
Department of Environmental Health
UST Local Oversight Program
80 Swan Way, Room 200
Oakland, CA 94621

Re: Castro Valley High School
Underground Storage Tank Closure Report

Dear Mr. Seery:

I'm pleased to forward to your office the Tank Closure Report provided by Tank Protect Engineering. Since all contaminated tanks, piping, and soils were disposed of in this project, I expect this brings the project to final closure. Please call me if further information is required.

Sincerely,


Will Macedo, Director
Maintenance Operations Transportation

cc Del Warren
UST Project file

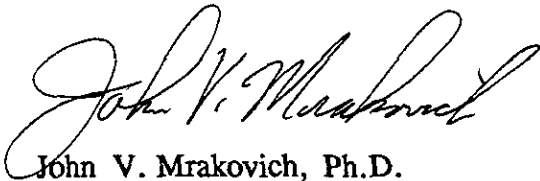
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HAZMAT
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TANK CLOSURE REPORT

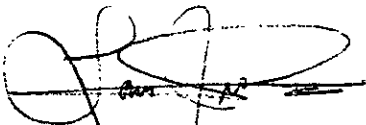
CASTRO VALLEY HIGH SCHOOL
19400 SANTA MARIA AVENUE
CASTRO VALLEY, CA 94546

Prepared For:
MR. WILLIAM MACEDO
DIRECTOR, MAINTENANCE,
OPERATIONS, TRANSPORTATION
CASTRO VALLEY UNIFIED SCHOOL DISTRICT
4400 ALMA AVENUE
CASTRO VALLEY, CA 94546

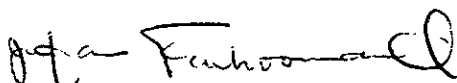
Submitted By:
TANK PROTECT ENGINEERING
Of Northern California, Inc.
March 31, 1994



John V. Mrakovich, Ph.D.
Registered Geologist



Louis TrAVIS III
Civil Engineer



Jeff J. Farhoomand, M.S.
Civil Engineer

TANK CLOSURE REPORT

CASTRO VALLEY HIGH SCHOOL
19400 SANTA MARIA AVENUE
CASTRO VALLEY, CA 94546

Prepared For:
MR. WILLIAM MACEDO
DIRECTOR, MAINTENANCE,
OPERATIONS, TRASPORATION
CASTRO VALLEY UNIFIED SCHOOL DISTRICT
4400 ALMA AVENUE
CASTRO VALLEY, CA 94546

March 31, 1994

This report has been prepared by the staff of Tank Protect Engineering of Northern California, Inc. under direction of an Engineer and/or Geologist whose seal(s) and/or signature(s) appear hereon.

The findings, recommendations, specifications or professional opinions are presented, within the limits prescribed by the client, after being prepared in accordance with generally accepted professional engineering and geologic practice. We make no other warranty, either expressed or implied.

TABLE OF CONTENTS

1.0 INTRODUCTION	1
2.0 TANK REMOVAL	1
2.1 Soil and Groundwater Sampling	2
2.1.1 Results of Chemical Analyses	4
3.0 UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK)/CONTAMINATION SITE REPORT	4
4.0 EXCAVATION AND DISPOSAL OF CONTAMINATED SOIL	5
4.1 Disposal of Soil From Fuel Oil Tank Stockpile	5
4.2 Excavation of Contaminated Soil in Area of Former Waste Oil Tank .	5
4.2.1 Verification Soil Sampling	5
4.2.1.1 Results of Chemical Analyses	6
4.3 Removal of Fuel Oil Tank Piping and Verification Soil Sampling	6
4.3.1 Results of Chemical Analyses	6
4.4 Disposal of Stockpiled Soil	7
5.0 EXCAVATION CLOSURES	7

FIGURES

1. SITE PLAN: TANK REMOVAL (8/4/93)
2. SITE PLAN: VERIFICATION SOIL SAMPLING (8/19/93)

TABLES

1. SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
2. SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS FOR METALS
3. SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
4. SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS FOR STLC CAM 17 METALS

APPENDICES

- A. . ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY,
DEPARTMENT OF ENVIRONMENTAL HEALTH, HAZARDOUS
MATERIALS DIVISION, UNDERGROUND TANK CLOSURE PLAN
- . ALAMEDA COUNTY FIRE DEPARTMENT, TANK PULL PERMIT
- . BAY AREA AIR QUALITY MANAGEMENT DISTRICT, NOTIFICATION
FORM
- . EVERGREEN VACUUM SERVICES, INVOICES
- . ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH,
HAZARDOUS MATERIALS INSPECTION FORM
- . UNIFORM HAZARDOUS WASTE MANIFESTS
- . H&H ENVIRONMENTAL SERVICES, CERTIFICATES OF DISPOSAL
- . UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE
(LEAK)/CONTAMINATION SITE REPORT
- . REDWOOD LANDFILL, INC., INVOICES
- . BFI WASTE SYSTEMS, NON-HAZARDOUS SPECIAL WASTE MANIFESTS
- B. SAMPLE HANDLING PROCEDURES
- C. CERTIFIED ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY
DOCUMENTATION

1.0 INTRODUCTION

The subject site is the Castro Valley High School located at 19400 Santa Maria Avenue in the City of Castro Valley in Alameda County, California. Tank Protect Engineering of Northern California, Inc. (TPE) was contracted by the Castro Valley Unified School District (contact person is Mr. William Macedo, telephone number 510 537-3000) to remove one 5,000-gallon, steel, underground, fuel oil tank and one 500-gallon, steel, underground waste oil tank from the site. This tank closure report documents TPE's activities at the subject site.

2.0 TANK REMOVAL

Prior to beginning tank removal activities, TPE: (1) obtained an acceptance of an Underground Tank Closure Plan from the Alameda County Health Care Services Agency (ACHCSA), Department of Environmental Health, Hazardous Materials Division on July 20, 1993, (2) obtained an Alameda County Fire Department (ACFD) Category 8 Tank Pull Permit (E930721-53) on July 21, 1993, and (3) notified the Bay Area Air Quality Management District (BAAQMD) on July 29, 1993 (see Appendix A).

On August 2 and 4, 1993, 1,575 gallons of fuel oil mixed with water and 25 gallons of used oil mixed with solvents were, respectively, removed from the fuel oil and waste oil tanks by Evergreen Vacuum Services and transported off site under manifest numbers 93294336 and 93297412, respectively, (see Appendix A) to their facility located in Newark, California.

Tank removal activities were conducted on August 4, 1993. The tanks were prepared for hoisting from the excavations by removing asphalt concrete and concrete covers from over the tanks and backfill material from around each tank. The fuel oil tank excavation had to be enlarged due to a discovered natural gas line that traversed the top of the tank; the enlarged excavation allowed room for pulling the tank from under the gas line prior to hoisting it vertically.

The soil excavated from around the tanks was stockpiled on site on top of and covered with plastic. About 78 cubic yards (cyds) of soil were removed from the fuel

oil tank excavation and about 30 cyds from the waste oil tank excavation. Apparent contamination was present in the stockpiled soil as evidenced by soil staining and odor.

Groundwater was present in the fuel oil tank excavation at a depth of about 10 feet and appeared contaminated.

Emission

Prior to hoisting the tanks from their excavations, each tank was purged of flammable vapors by displacement with dry ice as indicated by a combustible gas indicator (Gastech model 1314). After being hoisted to the ground surface, each tank was visually examined for indications of leakage. The waste oil tank was tar wrapped and appeared in good condition. The fuel oil tank was corroded and pitted; a hole was visible in the southern end of the tank below the water line (see ACHCSA Hazardous Materials Inspection Form in Appendix A).

After removal, each tank was transported off site by H&H Ship Service Company (H&H) as hazardous waste under Uniform Hazardous Waste Manifest, State Manifest Document Numbers 92220415 and 92220416 (see Appendix A) to their facility located at 220 China Basin Street in San Francisco, California. After rendering the tanks harmless, H&H disposed of the tanks as scrap metal at Schnitzer Steel located in Oakland, California and Levin Metals located in Richmond, California.

Tank removals and subsequent soil and groundwater sampling were conducted in accordance with the California Regional Water Quality Control Board (CRWQCB)-San Francisco Bay Region's "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites", dated August 10, 1990, and under the supervision of representatives of the ACFD and the ACHCSA.

2.1 Soil and Groundwater Sampling

After removal of the tanks, 2 discrete soil samples (DS-1 and DS-2) were collected for chemical analyses in native soil, at depths of about 9.5 feet, from the excavation sidewalls opposite the ends of the fuel oil tank and 1 discrete sample (WOS-1) was collected in native soil, at a depth of about 9 feet, from the excavation floor beneath the center of the waste oil tank (see Figure 1). Four discrete soil samples (DSP-1A

through DSP-4D) were collected from the fuel oil tank stockpile and 2 (WOSP-1 and WOSP-2) from the waste oil tank stockpile for laboratory analysis to characterize the soil for disposal. The samples from the waste oil tank stockpile were collected for laboratory compositing.

A "grab" groundwater sample was collected from the fuel oil tank excavation for chemical analysis.

Soil samples were collected from the excavations by removing coherent blocks of soil with a backhoe bucket and collecting samples from soil in the bucket in 2-inch diameter by 6-inch long brass tubes driven with a slide-hammer corer. Stockpile soil samples were collected directly into brass tubes driven by a slide-hammer corer. After collecting each sample, the brass tube ends were covered with Teflon sheeting and capped with plastic end-caps. Each tube was labeled, sealed in a quart-size plastic bag, and placed in an iced-cooler for transport to California Department of Health Services (DHS) certified Priority Environmental Labs (Priority) located in Milpitas, California and accompanied by chain-of-custody documentation (see Appendix B for TPE's protocol relative to sample handling procedures).

Soil samples collected from the fuel oil tank excavation and its stockpile were analyzed for total petroleum hydrocarbons as diesel (TPHD) and for benzene, toluene, ethylbenzene, and xylenes (BTEX) by the United States Environmental Protection Agency (EPA) Methods 3550/8015 and 8020, respectively.

Soil samples collected from the waste oil tank excavation and its stockpile were analyzed for TPHD, BTEX, total petroleum hydrocarbons as gasoline (TPHG), oil and grease (TOG), volatile organics (VOCs), semi-volatile organics (SVOCs), and 5 metals (cadmium, chromium, lead, zinc, and nickel). Analytical methods for TPHD and BTEX were as above. Analyses for TPHG, TOG, VOCs, and SVOCs were by EPA Methods 5030/8015, 5520 D&F, 8010, and 8270, respectively. Metals were analyzed by EPA Methods 7130, 7190, 7420, 7950, and 7520.

Groundwater sample DW-1 was analyzed for TPHD and BTEX by EPA Methods 3510/8015 and 602, respectively.

2.1.1 Results of Chemical Analyses

Results of all chemical analyses for samples collected from the fuel oil tank excavation and its stockpile were nondetectable with the exception of TPHD detected at a concentration of 6.9 parts per million (ppm) in stockpile soil sample DSP-4D.

Results of chemical analyses for samples collected from the waste oil tank excavation and its stockpile were nondetectable for TPHG, BTEX, and VOCs. All SVOCs were nondetectable with the exception of 2-Methyl Naphthalene detected in sample WOSP-(1-2) at a concentration of 2 ppm. TPHD and TOG were detected in samples WOS-1 and WOSP-(1-2) at concentrations of 400 ppm and 1,100 ppm; and 210 ppm and 280 ppm, respectively. Cadmium, chromium, lead, nickel, and zinc were detected in samples WOS-1 and WOSP-(1-2) at concentrations of .6 ppm, 32 ppm, 14 ppm, 27 ppm, and 38 ppm; and .5 ppm, 37 ppm, 9.7 ppm, 42 ppm, and 27 ppm, respectively.

Results of chemical analyses for groundwater sample DW-1, collected from the fuel oil tank excavation, were nondetectable with the exception of xylenes detected at a concentration of 1.3 parts per billion.

Analytical results are summarized in Tables 1, 2, and 3 and documented with certified analytical reports and chain-of-custodies in Appendix C.

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

Because of the above analytical results, an Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report was prepared for the ACHCSA (see Appendix A).

4.0 EXCAVATION AND DISPOSAL OF CONTAMINATED SOIL

4.1 Disposal of Soil From Fuel Oil Tank Stockpile

On August 18 and September 10, 1993, TPE disposed of about 27 cyds of soil stockpiled as a result of the fuel oil tank removal at Redwood Landfill Inc. (RLI) located in Novato, California (see RLI Invoices: 98092 and 1471 in Appendix A). This soil contained TPHD at a concentration of 6.9 ppm and was disposed of at the request of a representative of the ACHCSA.

4.2 Excavation of Contaminated Soil in Area of Former Waste Oil Tank

On August 18 and 19, 1993, TPE, with verbal approval of Mr. Macedo, excavated contaminated soil from the waste oil tank excavation. Contaminated soil was present vertically to at least the depth of groundwater and for a distance of about 3 feet beyond the ~~northerly~~ sidewall.

southerly?

4.2.1 Verification Soil Sampling

On August 19, 1993, TPE collected discrete verification soil samples, VSWO-2 through VSWO-5, at depths ranging from about 9 to 10 feet at the locations shown in Figure 2 for chemical analysis for TPHD and TOG by EPA Methods 3550/8015 and 5520 D&F.

Four discrete soil samples, S1-1 through S1-4, were collected from the stockpiled soil for laboratory compositing and analysis for TPHD by EPA Method 3550/8015, for TOG by EPA Method 5520 D&F, for VOCs by EPA Method 8240, for STLCCAM 17 Metals, reactivity, corrosivity, and ignitability by Title 22 for landfill disposal.

Samples were collected and handled as discussed above in section 2.1 Soil and Groundwater Sampling and delivered to Priority.

4.2.1.1 Results of Chemical Analyses

Results of chemical analyses for verification soil samples VSWO-2 through VSWO-5 were nondetectable.

Results of chemical analyses for composite stockpile sample S1-1,2,3,4 were nondetectable for VOCs. TPHD and TOG were detected at concentrations of 780 ppm and 440 ppm, respectively. STLC CAM 17 Metals detected arsenic, barium, cobalt, copper, nickel, and zinc at concentrations of .02 ppm, 1.0 ppm, .18 ppm, .08 ppm, .18 ppm, and .15 ppm, respectively (see Table 4). No reactivity or ignitability was detected. The corrosivity had a pH 8.0.

Analytical results are summarized in Tables 1 and 4 and documented with a certified analytical report and chain-of-custody in Appendix C.

4.3 Removal of Fuel Oil Tank Piping and Verification Soil Sampling

On August 19, and September 3 and 7, 1993, TPE removed the fuel oil tank piping. On September 7, 1993, TPE collected discrete verification soil samples PL-1 and PL-2 at depths of about 4 feet from native soil beneath the piping under the supervision of a representative of the ACHCSA. Samples were collected and handled as discussed above in section 2.1 Soil and Groundwater Sampling and delivered to Priority for analysis for TPHD and BTEX by EPA Methods 3550/8015 and 8020, respectively.

4.3.1 Results of Chemical Analyses

TPHD and benzene were nondetectable in samples PL-1 and PL-2; additionally, toluene was nondetectable in sample PL-1. Ethylbenzene and xylenes were detected in sample PL-1 at concentrations of .0076 ppm and .021 ppm, respectively. Toluene, ethylbenzene, and xylenes were detected in sample PL-2 at concentrations of .0074 ppm, .0093 ppm, and .037 ppm, respectively.

Analytical results are summarized in Table 1 and documented with a certified analytical report and chain-of-custody in Appendix C.

4.4 Disposal of Stockpiled Soil

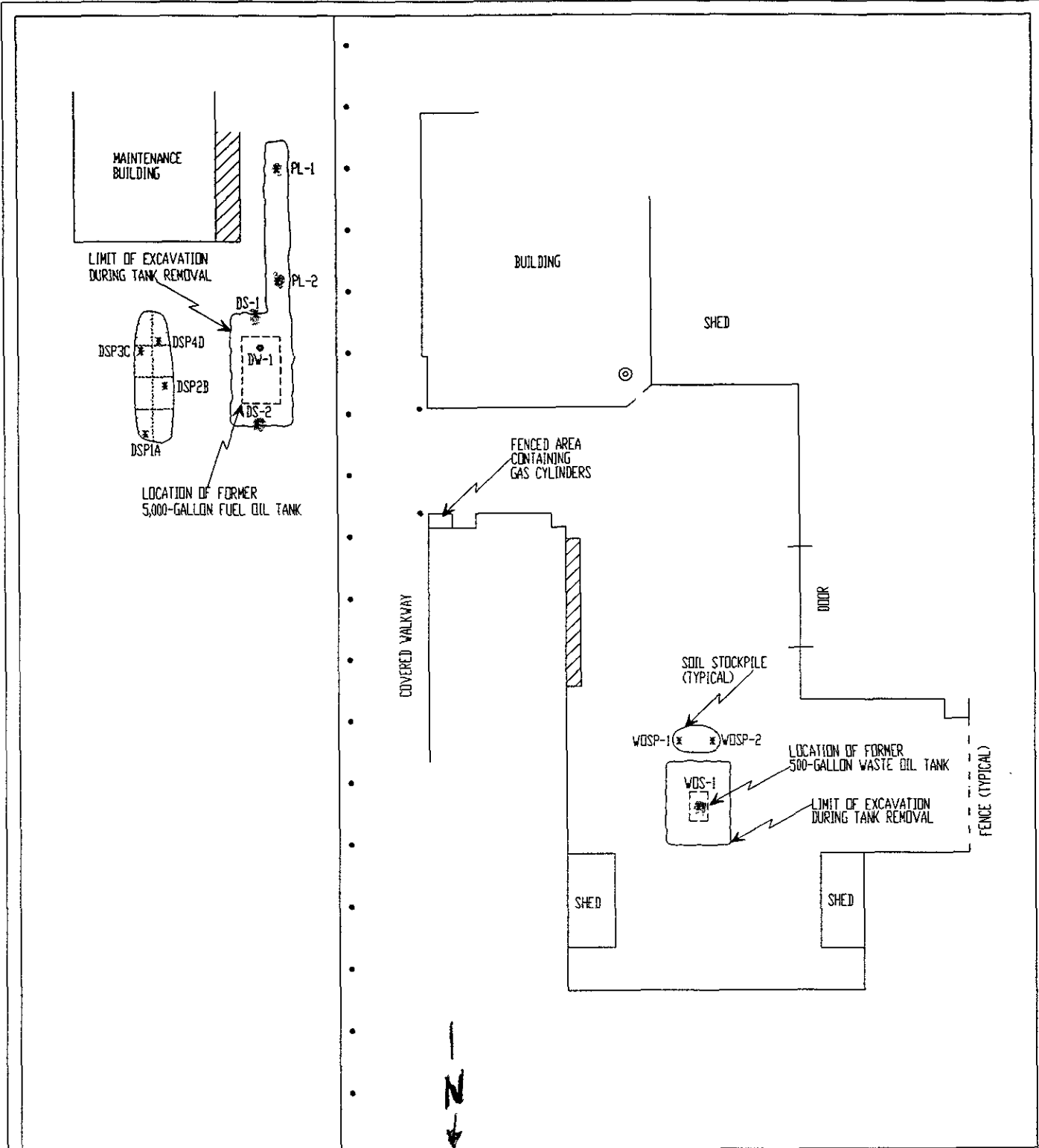
On September 2, 7, and 8, 1993, TPE disposed of about 144 cyds of contaminated soil at BFI Waste Systems, Vasco Road Sanitary Landfill located at 4001 Vasco Road, Livermore, California 94550 (see Non-Hazardous Special Waste Manifests in Appendix A).

5.0 EXCAVATION CLOSURES

Closure of the 2 excavations and piping trench was completed on September 10, 1993. The excavations and trench were closed by backfilling with reused soil from the fuel oil tank excavation, imported pea gravel, and imported aggregate base material. All backfill material was placed in 2 to 3-foot compacted lifts.

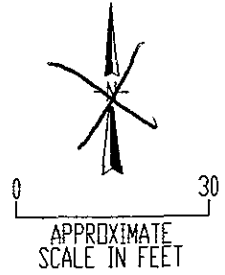
After placing the backfill material, the surface of the excavations was sealed with asphalt.

FIGURES



LEGEND

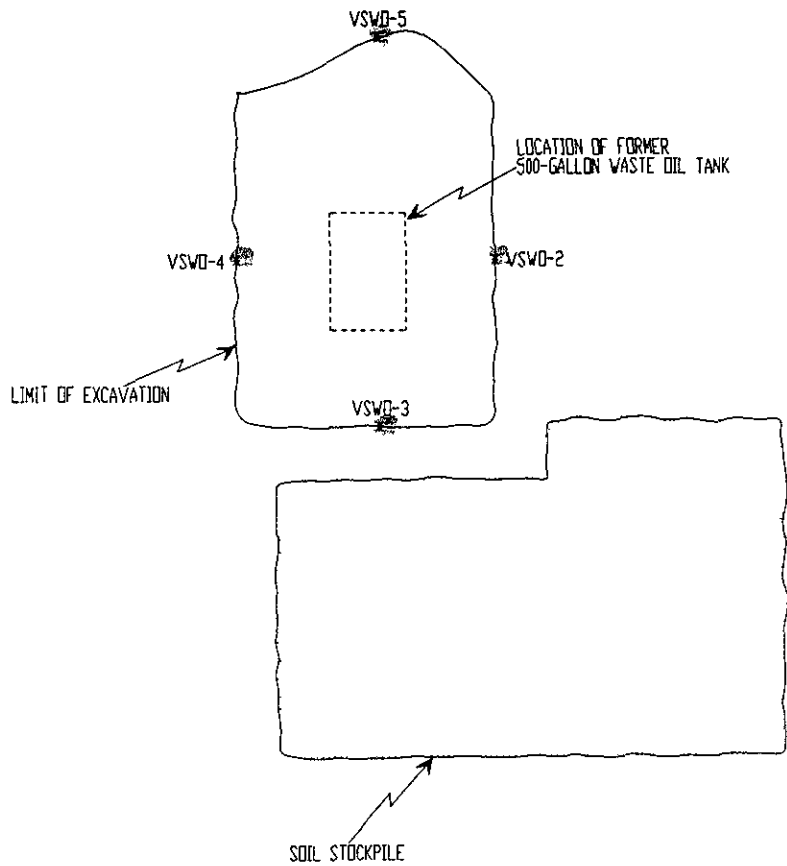
- DS-1 * NAME AND LOCATION OF SOIL SAMPLE
- DW-1 • NAME AND LOCATION OF WATER SAMPLE
- ⊙ CYLINDER
- ▨ CAGE CONTAINING GAS LINES
- COLUMNS



TANK PROTECT ENGINEERING

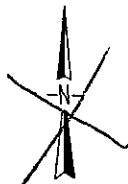
SITE PLAN:
TANK REMOVAL (8/14/93)

CASTRO VALLEY HIGH SCHOOL 19400 SANTA MARIA AVENUE CASTRO VALLEY, CA 94546	DATE	3/25/94
	FIGURE	1
	FILE #	275-1
	DRAWN BY	MT
	CHECKED BY	JM



LEGEND

VSWD-2 * NAME AND LOCATION OF SOIL SAMPLES



NOT TO SCALE

TANK PROTECT ENGINEERING

SITE PLAN:
VERIFICATION SOIL SAMPLING (8/19/93)

CASTRO VALLEY HIGH SCHOOL 19400 SANTA MARIA AVENUE CASTRO VALLEY, CA 94546	DATE	3/25/94
	FIGURE	2
	FILE #	275-2
	DRAWN BY	MT
	CHECKED BY	JM

TABLES

TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
(ppm¹)

Sample ID Name	Date	Depth (Feet)	TPHD	TPHG	Benzene	Toluene	Ethyl-Benzene	Xylenes	Oil & Grease
DS-1	08/04/93	9.5	<1.0	NA ²	<.0050	<.0050	<.0050	<.0050	NA
DS-2	08/04/93	9.5	<1.0	NA	<.0050	<.0050	<.0050	<.0050	NA
DSP-1A	08/04/93	3.0	<1.0	NA	<.0050	<.0050	<.0050	<.0050	NA
DSP-2B	08/04/93	3.0	<1.0	NA	<.0050	<.0050	<.0050	<.0050	NA
DSP-3C	08/04/93	3.0	<1.0	NA	<.0050	<.0050	<.0050	<.0050	NA
DSP-4D	08/04/93	3.0	6.9	NA	<.0050	<.0050	<.0050	<.0050	NA
	08/04/93	9.0		<1.0	<.0050	<.0050	<.0050	<.0050	100
WOSP-(1-2) ^{3, 4}	08/04/93	1.0-1.5	210	<1.0	<.0050	<.0050	<.0050	<.0050	280
S1-1,2,3,4 ^{5, 6}	08/18-19/93	9.0-9.5	780	NA	NA	NA	NA	NA	440
VSWO-2	08/19/93	9.0	<1.0	NA	NA	NA	NA	NA	<10
VSWO-3	08/19/93	10.0	<1.0	NA	NA	NA	NA	NA	<10
VSWO-4	08/19/93	9.0	<1.0	NA	NA	NA	NA	NA	<10
VSWO-5	08/19/93	9.0	<1.0	NA	NA	NA	NA	NA	<10
PL-1	09/07/93	4.0	<1.0	NA	<.0050	<.0050	.0076	.021	NA
PL-2	09/07/93	4.0	<1.0	NA	<.0050	.0074	.0093	.037	NA

¹ PARTS PER MILLION

² NOT ANALYZED

³ ALSO ANALYZED BY EPA METHOD 8010; ALL RESULTS WERE NONDETECTABLE (SEE APPENDIX C)

⁴ ALSO ANALYZED BY EPA METHOD 8270; ALL RESULTS WERE NONDETECTABLE, WITH THE EXCEPTION OF 2 ppm 2-METHYL NAPHTHALENE DETECTED IN SAMPLE WOSP-(1-2) (SEE APPENDIX C)

⁵ ALSO ANALYZED BY EPA METHOD 8240; ALL RESULTS WERE NONDETECTABLE (SEE APPENDIX C)

⁶ ALSO TESTED FOR STLC CAM 17 METALS, REACTIVITY, CORROSIVITY AND IGNITABILITY (SEE TABLE 4 AND APPENDIX C FOR RESULTS)

TABLE 2
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS
FOR METALS
(ppm¹)

Sample ID Name	Date	Cadmium	Chromium	Lead	Nickel	Zinc
WOS-1	08/04/93	0.6	32	14	27	38
WOSP-(1-2)	08/04/93	0.5	37	9.7	42	27

¹ PARTS PER MILLION

TABLE 3
SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS
(ppb¹)

Sample ID Name	Date	TPHD	Benzene	Toluene	Ethyl-Benzene	Xylenes
DW-1	08/04/93	<50	<0.5	<0.5	<0.5	1.3

¹ PARTS PER BILLION

APPENDICES

APPENDIX A

- . ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY,
DEPARTMENT OF ENVIRONMENTAL HEALTH, HAZARDOUS
MATERIALS DIVISION, UNDERGROUND TANK CLOSURE PLAN
- . ALAMEDA COUNTY FIRE DEPARTMENT, TANK PULL PERMIT
- . BAY AREA AIR QUALITY MANAGEMENT DISTRICT,
NOTIFICATION FORM
- . EVERGREEN VACUUM SERVICES, INVOICES
- . ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL
HEALTH, HAZARDOUS MATERIALS INSPECTION FORM
- . UNIFORM HAZARDOUS WASTE MANIFESTS
- . H&H ENVIRONMENTAL SERVICES, CERTIFICATES OF DISPOSAL
- . UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE
(LEAK)/CONTAMINATION SITE REPORT
- . REDWOOD LANDFILL, INC., INVOICES
- . BFI WASTE SYSTEMS, NON-HAZARDOUS SPECIAL WASTE
MANIFESTS

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

Scott Seery

405
7-20-93
ACCEPTED

[Faint, mostly illegible text, possibly bleed-through from the reverse side of the page]

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

1. Business Name Castro Valley High School
Business Owner Castro Valley Unified School District
 2. Site Address 19400 Santa Maria Avenue
City Castro Valley Zip 94546 Phone (510) 537-3000 X=363
 3. Mailing Address P.O. Box 2146
City Castro Valley Zip 94546 Phone (510) 537-3000
 4. Land Owner Castro Valley School District
Address P.O. Box 2146 City, State Castro Valley, CA Zip 94546
 5. Generator name under which tank will be manifested _____
Castro Valley Unified School District
- EPA I.D. No. under which tank will be manifested CAD 982 345 761

ALAMEDA COUNTY FIRE DEPARTMENT

APPLICATION # E930721-53

FIRE DEPARTMENT/PLANS APPLICATION

FIRE MARSHAL'S OFFICE

1426 164th Avenue
San Leandro, CA 94578
510-870-5853 • FAX 510-276-5915

APPLICATION TYPE: PERMIT DATE REC'D: 7/21/93 BY: [Signature]
CATEGORY: 8 TANK ROLL

PROJECT INFORMATION

PROJECT ADDRESS: 19400 Santa Maria Ave CROSS STREET: _____
CITY: Castro Valley ZIP: 94546 JOB PHONE: (510) 537-3000
APN #: _____ SDR #: _____ PM/TRACT MAP #: _____

DESCRIPTION OF WORK/ACTIVITY: Run Two USF From C.V. High BUILDING PERMIT #: N/A

APPLICANT

NAME: TANK Protect Eng PHONE # (H): _____ (W): 510 429-8088
ADDRESS: 2821 Whipple Rd Union City ZIP: 94587

OWNER

NAME: Castro Valley High School PHONE # (H): _____ (W): 510 537-3000
ADDRESS: P.O. Box 2146 Castro Valley ZIP: 94546

CONTRACTOR

NAME: [Signature] PHONE # (H): _____ (W): _____
ADDRESS: _____ ZIP: _____
CONTRACTOR'S LICENSE TYPE & NUMBER: _____

APPLICANT TO FILL IN THESE SECTIONS

APPLICANT'S SIGNATURE: [Signature] DATE: 7-21-93

FOR OFFICE ONLY

FEES

Fees are due and payable by check or money order, made out to Alameda County Fire Department, upon submittal of plans and application. If additional fees are required, such shall be paid prior to issuance of a Certificate of Occupancy, project final, or a Fire Permit.

BASE FEE REQUIRED: \$ 120.00 REC'D BY: [Signature] DATE: 7/21/93
CONSULTANT'S FEE: \$ _____ REC'D BY: _____ DATE: _____
ADDITIONAL FEES: \$ _____ REC'D BY: _____ DATE: _____

APPROVALS

FIRE PERMIT #: E930721-53 ISSUED DATE: 7/21/93 EXPIRATION DATE: 8/22/93
PERMIT ISSUED BY: [Signature] DATE: _____ FEE: _____
APPLICATION/PLANS APPROVAL: _____ BY: _____ DATE: _____



939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

Aeration of Contaminated Soil and
Removal of Underground Storage Tanks

NOTIFICATION FORM

- Removal or Replacement of Tanks
 Excavation of Contaminated Soil

H. Lewis

SITE INFORMATION

SITE ADDRESS 19400 Santa Maria Avenue
 CITY, STATE Castro Valley CA ZIP 94546
 OWNER NAME Castro Valley Unified School District
 SPECIFIC LOCATION OF PROJECT "AS ABOVE"

TANK REMOVAL
 SCHEDULED STARTUP DATE 8/4/93
 VAPORS REMOVED BY:
 WATER WASH
 VAPOR FREEING (CO²)
 VENTILATION

CONTAMINATED SOIL EXCAVATION
 SCHEDULED STARTUP DATE [REDACTED]
 STOCKPILES WILL BE COVERED? YES NO
 ALTERNATIVE METHOD OF AERATION (DESCRIBE BELOW):

 (MAY REQUIRE PERMIT)

CONTRACTOR INFORMATION

NAME Tank Project Engineering CONTACT Marc Zamorodi
 ADDRESS 2821 Whipple Road PHONE (510) 424-8088
 CITY, STATE, ZIP Alameda City, CA 94587

CONSULTANT INFORMATION
(IF APPLICABLE)

NAME _____ CONTACT _____
 ADDRESS _____ PHONE () _____
 CITY, STATE, ZIP _____

FOR OFFICE USE ONLY

DATE RECEIVED FAX _____ BY Bly (init.)
 DATE POSTMARKED 7/29/93 BY Bly (init.)
 CC: INSPECTOR NO. 553 DATE 8/4/93 BY Bly (init.)
 UPDATE: CONTACT NAME _____ DATE _____ BY _____ (init.)
 BAAQMD N # _____ DATA ENTRY 8/5/93

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
 Oakland, CA 94621
 (415) 271-4320

Hazardous Materials Inspection Form

II, III

Site ID # _____ Site Name Castro Valley H.S. Today's Date 8/4/93

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

Site Address 19400 Santa Maria

City Castro Valley Zip 94546 Phone _____

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

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- ___ II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

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

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N)
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670

- Monitoring for Existing Tanks
- ___ 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
Semi-annual groundwater
One time soils
 - 3) Daily Vadose
One time soils
Annual tank test
 - 4) Monthly Groundwater
One time soils
 - 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/groundwater mon.
 - 6) Daily Inventory
Annual tank testing
Cont pipe leak det
 - 7) Weekly Tank Gauge
Annual tank testing
 - 8) Annual Tank Testing
Daily Inventory
 - 9) Other _____

- ___ 7. Precs Tank Test 2643
Date: _____
- ___ 8. Inventory Rec. 2644
- ___ 9. Soil Testing 2646
- ___ 10. Ground Water 2647

- New Tanks
- ___ 11. Monitor Plan 2632
 - ___ 12. Access. Secure 2634
 - ___ 13. Plans Submit 2711
Date: _____
 - ___ 14. As Built 2635
Date: _____

Comments:

On-site to witness closure of two (2) USTs, one previously storing fuel oil (5,000 gal.), the other waste oil (500 gal.), both of steel construction. On-site were Will Macedo (CVSD) and Ed Laudani (ACFD).

① Waste oil tank was tar wrapped, and appeared intact. The odor of paint/thinner/paint waste evident in UST purge vapors.

② Fuel oil tank is of bare steel construction. The tank is heavily corroded, pitted. A throughgoing hole was discovered at the south end plate, below the water line. Ground water was present ~10' BG with (apparent) foamy emulsion floating on its surface.

Samples (soil) were collected from the sidewall ends in the fuel oil UST pit, and bottom of waste oil UST pit. Additionally, a bailer was used to collect water samples from the fuel oil UST pit.

* Note: Piping not removed today. Sampling in pipe trenches to be done. II, III

Rev 8/88

Contact: Will Macedo, Lyle Travis

Title: CVSD Tank Protect Eng. Inspector: S. Seery

Signature: Lyle Travis Signature: [Signature]

92220415
 IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550
 GENERATOR
 TRANSPORTER
 FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. C A D 9 8 2 3 4 5 7 6 1 0 0 0 0 1		Manifest Document No. 0 0 0 0 1		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address CASTRO VALLEY UNIFIED SCHOOL DISTRICT P. O. Box 2146, Castro Valley, CA. 94546						State Manifest Document No. 92220415							
4. Generator's Phone (510) 537-3000						Generator's State							
5. Transporter 1 Company Name H & H Ship Service Company				6. US EPA ID Number C A D 0 0 4 7 7 1 1 6 8		Transporter's State							
7. Transporter 2 Company Name						Transporter's State							
9. Designated Facility Name and Site Address H & H Ship Service Company 220 China Basin Street San Francisco, CA. 94107						10. US EPA ID Number C A D 0 0 4 7 7 1 1 6 8							
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number) a. RESIDUE FUEL OIL TANK NON-RCRA HAZARDOUS WASTE SOLID						12. Containers No. Type		13. Total Quantity		14. Unit Wt./Vol			
						0 0 1 T P		0 5 0 0 0		P			
b.													
c.													
d.													
Additional Descriptions for Materials Listed Above EMPTY 5,000 gallon tank east containing fuel oil. Tank inerted with dry ice for transport. PROFILE #A28						Handling Codes for Wastes Listed Above 01							
15. Special Handling Instructions and Additional Information JOB #13056 24 Hr. Emergency Contact: H & H #(415) 543-4835 APPROPRIATE PROTECTIVE CLOTHING AND RESPIRATOR						JOB SITE: CASTRO VALLEY HIGH SCHOOL 19400 Santa Maria Avenue Castro Valley, California							
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.													
Printed/Typed Name Donald P. Learned				Signature <i>Donald P. Learned</i>				Month 0 8		Day 0 4		Year 9	
17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name ROBERT V. PETRUCCI				Signature <i>Robert V. Petrucci</i>				Month 0 8		Day 0 4		Year 9	
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 Roshan Bhachoo				Signature <i>Roshan Bhachoo</i>				Month 08		Day 04		Year 99	

DO NOT WRITE BELOW THIS LINE.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. 30497345761 Manifest Document No. 30416 2. Page 1 of 1
 Information in the shaded area is not required by Federal law.

3. Generator's Name and Mailing Address
CASTRO VALLEY UNIFIED SCHOOL DISTRICT
 P. O. Box 2146, Castro Valley, CA. 94546

4. Generator's Phone (415) 537-2000 6. US EPA ID Number

5. Transporter 1 Company Name **H & H Ship Service Company** 8. US EPA ID Number CA1D0104771168

7. Transporter 2 Company Name **H & H SHIP SERVICE COMPANY** 10. USEPA ID Number CA1D0104771168

9. Designated Facility Name and Site Address
BRACKS06, Inc.
 255 Parr Blvd.
 Richmond, Ca. 94801

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. WASTE IN 200 LITRE DRUMS NON-RCRA REGULATED WASTE	001	TP	00300	P
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. 24 Hr. Contact Name H & H Phone # (415) 543-4835.
P.O. 29261
JOB SITE: CASTRO VALLEY H.S.
19400 Santa Maria Ave
Castro Valley, CA.
JOB #13056

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.

Printed/Typed Name **Donald P. Leaned** Signature *Donald P. Leaned* Month 08 Day 04 Year 93

17. Transporter 1 Acknowledgement of Receipt of Materials
 Printed/Typed Name **ROBERT V. PETRUCCI** Signature *Robert V. Petrusci* Month 08 Day 04 Year 93

18. Transporter 2 Acknowledgement of Receipt of Materials
 Printed/Typed Name **ROBERT M. BREWSTER** Signature *Robert M Brewster* Month 08 Day 06 Year 93

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 **DAVID SATO** Signature *DAVID SATO* Month 08 Day 06 Year 93

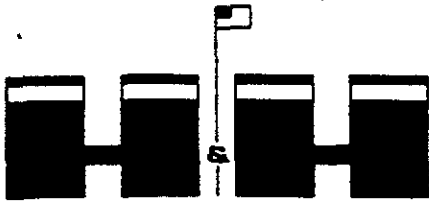
DO NOT WRITE BELOW THIS LINE.

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

92220416

GENERATOR

FACILITY



ENVIRONMENTAL SERVICES
 (DIVISION OF H&H SHIP SERVICE CO., INC.)

220 CHINA BASIN, SAN FRANCISCO, CA 94107 • DAY AND NIGHT: (415) 543-4835 FAX (415) 543-8265

CERTIFICATE OF DISPOSAL

AUGUST 09, 1993

H & H Ship Service Company hereby certifies to TANK PROTECT ENG.

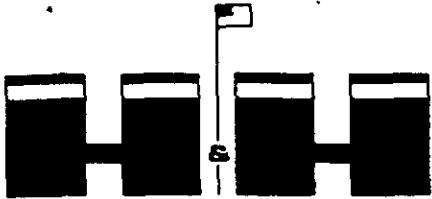
1. The storage tank(s), size(s) ONE (1) 5,000 GALS.
 removed from the CASTRO VALLEY HIGH SCHOOL
 facility at 19400 SANTA MARIA AVENUE
CASTRO VALLEY, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin St., San Francisco, California 94107.

2. The following tank(s), H & H Job Number 13056
 have been steam cleaned, cut with approximately 2' x 2' holes, rendered harmless and disposed of as scrap metal.
3. Disposal site: SCHNITZER STEEL, OAKLAND, CALIFORNIA
4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.
5. Should you require further information, please call (415) 543-4835 or (415) 905-5510.

Very truly yours,

Lourdes B. Lopez
 Lourdes B. Lopez
 Operations Coordinator



ENVIRONMENTAL SERVICES
 (DIVISION OF H&H SHIP SERVICE CO., INC.)

220 CHINA BASIN, SAN FRANCISCO, CA 94107 • DAY AND NIGHT: (415) 543-4835 FAX (415) 543-8265

CERTIFICATE OF DISPOSAL

AUGUST 06, 1993

H & H Ship Service Company hereby certifies to TANK PROTECT ENG.

1. The storage tank(s), size(s) ONE (1) 500 GALS. WASTE OIL

removed from the CASTRO VALLEY HIGH SCHOOL

facility at 19400 SANTA MARIA AVENUE

CASTRO VALLEY, CALIFORNIA

were transported to H & H Ship Service Company, 220 China Basin St., San Francisco, California 94107.

2. The following tank(s), H & H Job Number 13056A

have been steam cleaned, cut with approximately 2' x 2' holes, rendered harmless and disposed of as scrap metal.

3. Disposal site: LEVIN METALS, RICHMOND, CALIFORNIA

4. The foregoing method of destruction/disposal is suitable for the materials involved, and fully complies with all applicable regulatory and permit requirements.

5. Should you require further information, please call (415) 543-4835 or (415) 905-5510.

Very truly yours,

Lourdes B. Lopez
 Lourdes B. Lopez
 Operations Coordinator

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.		
REPORT DATE 0 8 / 1 0 / 9 3		CASE # _____		SIGNED _____ DATE _____		
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Marc Zomorodi		PHONE (510) 429-8088		SIGNATURE 	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER _____		COMPANY OR AGENCY NAME Tank Protect Engineering of Northern California, Inc.			
	ADDRESS 2821 Whipple Road Union City, CA 94587					
RESPONSIBLE PARTY	NAME Castro Valley Unified School District		CONTACT PERSON William L. Macedo		PHONE (510) 537-3000	
	ADDRESS P.O. Box 2146 Castro Valley, CA 94546					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Castro Valley High School		OPERATOR _____		PHONE (510) 537-3000	
	ADDRESS 19400 Santa Maria Avenue Castro Valley, Alameda 94546					
	CROSS STREET _____					
IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda County Health Care Services Agency		CONTACT PERSON Scott Seery		PHONE (510) 271-4320	
	REGIONAL BOARD CRWOCB - San Francisco Bay Region		PHONE (510) 469-1255			
SUBSTANCES INVOLVED	(1) NAME Petroleum Hydrocarbons - see below				QUANTITY LOST (GALLONS) _____ <input type="checkbox"/> UNKNOWN	
	(2) _____ <input type="checkbox"/> UNKNOWN					
DISCOVERY/ABATEMENT	DATE DISCOVERED 0 8 / 1 0 / 9 3		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER _____			
	DATE DISCHARGE BEGAN _____ <input type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER _____			
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE _____					
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER _____		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER _____			
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY					
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT) _____					
COMMENTS	Removed one 5,000-gallon fuel oil and one 500-gallon waste oil underground storage tanks.					



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

[Signature]
 DRIVERS SIGNATURE

ACCOUNT NUMBER: 8190
 JOB NUMBER: CASTRO VALLEY
 VEHICLE: VON ELM
 COMMODITY: D.C./P. C. DIRT

R.K. J.B.
 RECEIVED BY

CUSTOMER: TANK PROTECT ENGINEERING

TIME: 7:59:38

DATE: 8/18/93

YARDS: 18.00

LOAD #: 101

PER YARD 10.00

FEE 180.00

TOTAL 180.00
 INVOICE: 98092

*** CHARGE ***
 INVOICE

80/80-0



8950 REDWOOD HIGHWAY
 P.O. BOX 793
 NOVATO, CALIFORNIA 94948
 TEL: (415) 892-2851
 FAX: (415) 898-1354

- PERSONS USING THESE PREMISES DO SO AT THEIR OWN RISK.
- CHILDREN AND PETS ARE NOT ALLOWED OUT OF VEHICLES.
- NO RUMMAGING IN DUMP AREA.
- NO SMOKING ON DUMP SITE.
- PLEASE NOTIFY OFFICE OF ANY COMPLAINT.

X *[Signature]*
 DRIVER'S SIGNATURE

R. K. J. B.
 RECEIVED BY

ACCOUNT NUMBER: 8190
 JOB NUMBER: CASTO VALLEY
 VEHICLE: T22

CUSTOMER: TANK PROTECT ENGINEERING

COMMODITY: D.C./P. C. DIRT

TIME: 14:16:26 DATE: 9/10/93
 YARDS: 9.00 LOAD #: 380
 PER YARD 10.00 FEE 90.00

B2/S2-2.

*** CHARGE ***
 CUSTOMER COPY

TOTAL 90.00
 INVOICE: 1471



No. 797065

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name Castro Valley Unified Sch Dist Generating Location Castro Valley High School
 Address 440 Alma Avenue Address 19400 Santa Maria
Castro Valley, CA Castro Valley, CA

Phone No. - Phone No. -

BFI Waste Code	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Containers	Type		
	C A	4 0 5 0 9 0 1 9 3	4 5 5 7 8		D - Drum		
Description of Waste			Quantity	Units	No.	Type	
Soil contaminated with vehicle drain oil			<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	
			<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>
			<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>	<input type="text"/> <input type="text"/>

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 Tafar Farhoozani Signature [Signature] Shipment Date

TRANSPORTER

Truck No. _____ Phone No. 510 773-7638
 Transporter Name Von Dew & LJ Nunes Trucking Driver Name (Print) Mark P. Driscoll
 Address 37937 Von Dew Court Vehicle License No./State X 2N33958 CA
Fremont, CA 94536 Vehicle Certification _____

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

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

Driver Signature [Signature] Shipment Date Driver Signature [Signature] Delivery Date

DESTINATION

Site Name BFI - Vasco Road Sanitary Landfill Phone No. -

Address 4001 Vasco Road, Livermore CA 94550

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

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name Castro Valley Unified Sch Dist Generating Location Castro Valley High School

Address 4440 Alameda Ave Address 19400 Santa Maria

Castro Valley CA Castro Valley CA

Phone No. [][]-[][][][][][][][] Phone No. [][]-[][][][][][][][]

BFI Waste Code CA-405 090193 46578

Description of Waste

Quantity

Units

Containers

No. Type

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

Soil contaminated with vehicle drain oil

[][][][]	[][]	[][]	[][]	[][]
[][][][]	[][]	[][]	[][]	[][]
[][][][]	[][]	[][]	[][]	[][]

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 Mark Driscoll Signature [Signature] Shipment Date 090295

TRANSPORTER

Truck No. 14 Phone No. 510 793-7638

Transporter Name VON EWE LT APRES Trucking Driver Name (Print) Mark Driscoll
 Address 37837 Von Ewe Common Fremont CA 94536 Vehicle License No./State 2N53958 CA.
 Vehicle Certification _____

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date [][][][][][][][] Driver Signature [Signature] Delivery Date [][][][][][][][]

DESTINATION

Site Name BFI Vasco Rd Landfill Phone No. 510-447-0491
 Address 421 Vasco Rd Livermore CA 94550

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 090395

6-200 PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name CASTRO VALLEY UNIFIED SCH. DIST. Generating Location CASTRO VALLEY HIGH SCH.

Address 440 ALMA AVE Address 19400 SANTA MARIA
CASTRO VALLEY CA CASTRO VALLEY CA.

Phone No. - Phone No. 415-

BFI Waste Code	<u>CA</u>	<u>405</u>	<u>090193</u>	<u>76578</u>	Containers	Type
Description of Waste				Quantity	Units	No. Type
<u>NON HAZ. SOIL</u>				<input type="text"/>	<input type="text"/>	<input type="text"/>
				<input type="text"/>	<input type="text"/>	<input type="text"/>
				<input type="text"/>	<input type="text"/>	<input type="text"/>
						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 J. R. BRIBES Signature J. R. BRIBES Shipment Date 090793

TRANSPORTER

Truck No. _____ Phone No. 510-793-7638

Transporter Name VON EWE TRUCKING Driver Name (Print) J. R. BRIBES

Address 37837 VON EWE COMMON Vehicle License No./State 9A53081

FREMONT, CA. Vehicle Certification CA

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

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

Driver Signature J. R. BRIBES Shipment Date 090793 Driver Signature J. R. BRIBES Delivery Date 090793

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 090793

63780

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name Castro Valley Unified School Dist Generating Location Castro Valley High School
 Address 440 Alma Ave Address 1440 Santa Monica
Castro Valley CA Castro Valley CA
 Phone No. [][]-[][][][][][] Phone No. [][]-[][][][][][]

BFI Waste Code CA 405 090193 46578 Containers Type
 Description of Waste Quantity Units No. Type
Soil Contaminated with vehicle drain oil [][][][] 18 4 [][] T
 [][][][] [][] [][] [][]
 [][][][] [][] [][] [][]
 [][][][] [][] [][] [][]
 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 Javier Farhmann Signature [Signature] Shipment Date 090793

TRANSPORTER

Truck No. _____ Phone No. (501) 713-7638
 Transporter Name Von Eaw & L's News Trucks Driver Name (Print) J.R. BRIBES
 Address 27837 Von Eaw Canyon Vehicle License No./State 9A53081
 Vehicle Certification CA

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

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

Driver Signature [Signature] Shipment Date 090793 Driver Signature [Signature] Delivery Date 090793

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 090793

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name Castro Valley Unified School Dist Generating Location Castro Valley High School
 Address 440 Alvin Ave Address 1940 Santa Monica
Castro Valley CA Castro Valley CA
 Phone No. Phone No.

BFI Waste Code	<u>CA</u>	<u>405</u>	<u>01193</u>	<u>46578</u>	Quantity	Units	Containers No.	Type	Type
Description of Waste	<u>Sol contaminated with vehicle drain oil</u>				<u>12</u>	<u>Y</u>	<u> </u>	<u>T</u>	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 Joe Ferraro Signature [Signature] Shipment Date 090793

TRANSPORTER

Truck No. Phone No. (510) 712-7438
 Transporter Name Von Eaw & Lume Trucking Driver Name (Print) J.R. BRIBES
 Address 37837 Von Eaw Canyon Vehicle License No./State 9A53081 CA
Fremont CA Vehicle Certification CA

I hereby certify that the above named material was picked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below.

Driver Signature [Signature] Shipment Date 090793 Driver Signature [Signature] Delivery Date 090793

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 090793

PASS CODE

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name CASTRO VALLEY UNIFIED SCHOOL DIST Generating Location CASTRO VALLEY HIGH SCHOOL
 Address 440 ALMA AVE Address 19400 SANTA MARIA
CASTRO VALLEY CA CASTRO VALLEY CA

Phone No. [][]-[][][][][][] Phone No. [][]-[][][][][][]

BFI Waste Code	CA	405	090193	46578	Containers	Type
Description of Waste	SOIL CONTAMINATED WITH VEHICLE DRAIN OIL			Quantity	Units	No.
				18	Y	T

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 [Signature] Signature [Signature] Shipment Date 090793

TRANSPORTER

Truck No. 34 Phone No. 510-793-7638
 Transporter Name VON EWE : NUNDS Driver Name (Print) J. R. BRIBBS
 Address 37837 VON EWE COMMON Vehicle License No./State 9A53081 CA
FREMONT CA. Vehicle Certification CA

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

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

Driver Signature [Signature] Shipment Date 090793 Driver Signature [Signature] Delivery Date 090793

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 9/93

PASS CODE _____

NON-HAZARDOUS SPECIAL WASTE MANIFEST

GENERATOR

Generator Name CASTRO VALLEY UNIFIED SCH. DIST. Generating Location CASTRO VALLEY HIGH SCH.
 Address 440 ALMA AVE Address 19400 SANTA MARIA
CASTRO VALLEY, CA. CASTRO VALLEY, CA.
 Phone No. []-[] Phone No. []-[]

BFI Waste Code	Description of Waste	Quantity	Units	Containers		Type
				No.	Type	
405	SOIL CONTAMINATED WITH VEHICLE OIL DRAINS	18	Y			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 J. FARHOOMAND Signature [Signature] Shipment Date 090893

TRANSPORTER

Truck No. 34 Phone No. 510-793-7638
 Transporter Name VON EUW & DUNES Driver Name (Print) J. R. BRIBBS
 Address 37837 VON EUW COMMON Vehicle License No./State 9A53081
FREMONT CA. Vehicle Certification CA

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

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

Driver Signature [Signature] Shipment Date 090893 Driver Signature [Signature] Delivery Date 090893

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 090893

PASS CODE _____

APPENDIX B

SAMPLE HANDLING PROCEDURES

APPENDIX B

SAMPLE HANDLING PROCEDURES

Soil and groundwater samples will be packaged carefully to avoid breakage or contamination, and will be delivered to the laboratory in an iced-cooler. The following sample packaging requirements will be followed.

- . Sample bottle/sleeve lids will not be mixed. All sample lids will stay with the original containers and have custody seals affixed to them.
- . Samples will be secured in coolers to maintain custody, control temperature, and prevent breakage during transportation to the laboratory.
- . A chain-of-custody form will be completed for all samples and accompany the sample cooler to the laboratory.
- . Ice, blue ice, or dry ice (dry ice will be used for preserving soil samples collected for the Alameda County Water District) will be used to cool samples during transport to the laboratory.
- . Each sample will be identified by affixing a pressure sensitive, gummed label, or standardized tag on the container(s). This label will contain the site identification, sample identification number, date and time of sample collection, and the collector's initials.
- . Soil samples collected in brass tubes will be preserved by covering the ends with Teflon tape and capped with plastic end-caps. The tubes will be labeled, sealed in quart size bags, and placed in an iced-cooler for transport to the laboratory.

All groundwater sample containers will be precleaned and will be obtained from a State Department of Health Services certified analytical laboratory.

Sample Control/Chain-of-Custody: All field personnel will refer to this workplan to verify the methods to be employed during sample collection. All sample gathering activities will be recorded in the site file; all sample transfers will be documented in the chain-of-custody; samples are to be identified with labels and all sample bottles are to be custody-sealed. All information is to be recorded in waterproof ink. All TPE field personnel are personally responsible for sample collection and the care and custody of collected samples until the samples are transferred or properly dispatched.

The custody record will be completed by the field technician or professional who has been designated by the TPE project manager as being responsible for sample shipment to the appropriate laboratory. The custody record will include, among other things, the following information: site identification, name of person collecting the samples, date and time samples were collected, type of sampling conducted (composite/grab), location of sampling station, number and type of containers used, and signature of the TPE person relinquishing samples to a non-TPE person with the date and time of transfer noted. The relinquishing individual will also put all the specific shipping data on the custody record.

Records will be maintained by a designated TPE field employee for each sample, site identification, sampling locations, station numbers, dates, times, sampler's name, designation of the samples as a grab or composite, notation of the type of sample (e.g. groundwater, soil boring, etc.), preservatives used, on-site measurement data, and other observations or remarks.

APPENDIX C

CERTIFIED ANALYTICAL REPORTS AND
CHAIN-OF-CUSTODY DOCUMENTATION



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

August 06, 1993

PEL # 9308023

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Re: One water and eight soil samples for Gasoline/BTEX, Diesel, and Oil & Grease analyses.

Project name: Castro Valley Unified School District Project number: 275080493

Date sampled: Aug 04, 1993

Date submitted: Aug 05, 1993

Date extracted: Aug 05-06, 1993

Date analyzed: Aug 05-06, 1993

RESULTS:

SAMPLE I.D.	Diesel	Benzene	Toluene	Ethyl Benzene	Total Xylenes
	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)

DW-1	N.D.	N.D.	N.D.	N.D.	1.3
------	------	------	------	------	-----

Detection limit	50	0.5	0.5	0.5	0.5
-----------------	----	-----	-----	-----	-----

Method of Analysis	3510/8015	602	602	602	602
--------------------	-----------	-----	-----	-----	-----

SAMPLE I.D.	Gasoline	Diesel	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Oil & Grease
	(mg/Kg)	(mg/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(ug/Kg)	(mg/Kg)

DS-1	---	N.D.	N.D.	N.D.	N.D.	N.D.	---
------	-----	------	------	------	------	------	-----

DS-2	---	N.D.	N.D.	N.D.	N.D.	N.D.	---
------	-----	------	------	------	------	------	-----

DSP-1A	---	N.D.	N.D.	N.D.	N.D.	N.D.	---
--------	-----	------	------	------	------	------	-----

DSP-2B	---	N.D.	N.D.	N.D.	N.D.	N.D.	---
--------	-----	------	------	------	------	------	-----

DSP-3C	---	N.D.	N.D.	N.D.	N.D.	N.D.	---
--------	-----	------	------	------	------	------	-----

DSP-4D	---	6.9	N.D.	N.D.	N.D.	N.D.	---
--------	-----	-----	------	------	------	------	-----

WOS-1	N.D.	400	N.D.	N.D.	N.D.	N.D.	1100
-------	------	-----	------	------	------	------	------

WOSP-1,2*	N.D.	210	N.D.	N.D.	N.D.	N.D.	280
-----------	------	-----	------	------	------	------	-----

Blank	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
-------	------	------	------	------	------	------	------

Spiked							
--------	--	--	--	--	--	--	--

Recovery	92.4%	94.1%	91.0%	93.7%	90.1%	99.6%	---
----------	-------	-------	-------	-------	-------	-------	-----

Duplicate							
-----------	--	--	--	--	--	--	--

Spiked							
--------	--	--	--	--	--	--	--

Recovery	89.7%	92.5%	86.4%	88.5%	92.0%	97.8%	---
----------	-------	-------	-------	-------	-------	-------	-----

Detection							
-----------	--	--	--	--	--	--	--

limit	1.0	1.0	5.0	5.0	5.0	5.0	10
-------	-----	-----	-----	-----	-----	-----	----

Method of	5030/	3550/					5520
-----------	-------	-------	--	--	--	--	------

Analysis	8015	8015	8020	8020	8020	8020	D & F
----------	------	------	------	------	------	------	-------

* Compositated soil sample.


 David Duong
 Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

August 05, 1993

PEL #: 9308023

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Project name : Castro Valley Unified School District
Project number: 275080493

Sample I.D.: WOS-1

Date Sampled: Aug 04, 1993
Date Analyzed: Aug 05, 1993

Date Submitted: Aug 05, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	82.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	86.7
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	93.4
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	88.2
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	95.3
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	81.6
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

August 05, 1993

PEL #: 9308023

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Project name : Castro Valley Unified School District
Project number: 275080493

Sample I.D.: WOSP-1,2

Date Sampled: Aug 04, 1993
Date Analyzed: Aug 05, 1993

Date Submitted: Aug 05, 1993

Method of Analysis: EPA 8010

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	82.1
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	86.7
Methylene Chloride	N.D.	-----
1,2-Dichloroethene (TOTAL)	N.D.	93.4
1,1-Dichloroethane	N.D.	-----
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	-----
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	88.2
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	95.3
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	81.6
Dibromochloromethane	N.D.	-----
Chlorobenzene	N.D.	-----
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

August 06, 1993

PEL # 9308023

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Re: Two soil samples for Cadmium, Chromium, Lead, Nickel, and Zinc analyses.

Project name: Castro Valley Unified School District

Project number: 275080493

Date sampled: Aug 04, 1993

Date submitted: Aug 05, 1993

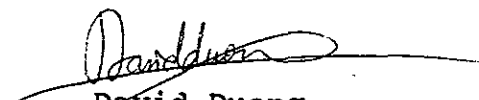
Date extracted: Aug 05-06, 1993

Date analyzed: Aug 05-06, 1993

RESULTS:

SAMPLE I.D.	Cadmium (mg/Kd)	Chromium (mg/Kg)	Lead (mg/Kg)	Nickel (mg/Kg)	Zinc (mg/Kg)
WOS-1	0.6	32	14	27	38
WOSP-1,2*	0.5	37	9.7	42	27
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Detection limit	0.5	1.0	1.0	1.0	1.0
Method of Analysis	7130	7190	7420	7520	7950

* Compositated soil sample.


David Duong
Laboratory Director

Western Operations

1252 Quarry Lane
P.O. Box 9019
Pleasanton, CA 94566
(510) 426-2600
Fax (510) 426-0106

Clayton
ENVIRONMENTAL
CONSULTANTS

August 16, 1993

Mr. Renee Boongaling
SUPERIOR ANALYTICAL LABORATORY
1555 Burke Street, Unit 1
San Francisco, CA 94124

Client Ref.: 56899
Clayton Project No.: 93081.21

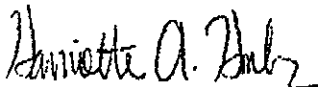
Dear Mr. Boongaling:

Attached is our analytical laboratory report for the samples received on August 10, 1993. As discussed on the telephone, the sampling dates recorded on the client labels, Superior labels, and the chain-of-custody form were different. As requested, the date on the Superior label was reported as the date sampled. A copy of the Chain-of-Custody form acknowledging receipt of these samples is attached.

Please note that any unused portion of the samples will be disposed of after September 15, 1993, unless you have requested otherwise.

We appreciate the opportunity to be of assistance to you. If you have any questions, please contact Suzanne Silvera, Client Services Supervisor, at (510) 426-2657.

Sincerely,



Harriotte A. Hurley, CIH
Manager, Laboratory Services
Western Operations

HAH/tjb
Attachments

Clayton
ENVIRONMENTAL
CONSULTANTS

Page 2 of 11

Results of Analysis
for
Superior Analytical Laboratory

Client Reference: 56899
Clayton Project No. 93081.21

Sample Identification:	56899-1 (WOS-1)	Date Sampled:	08/04/93
Lab Number:	9308121-01A	Date Received:	08/10/93
Sample Matrix/Media:	SOIL	Date Extracted:	08/12/93
Extraction Method:	EPA 3550	Date Analyzed:	08/12/93
Analytical Method:	EPA 8270		

Analyte	CAS #	Concentration (mg/kg)	Limit of Detection (mg/kg)
<u>Acid Extractables</u>			
4-Chloro-3-methylphenol	59-50-7	ND	1
2-Chlorophenol	95-57-8	ND	1
2,4-Dichlorophenol	120-83-2	ND	1
2,4-Dimethylphenol	105-67-9	ND	1
2,4-Dinitrophenol	51-28-5	ND	5
2-Methyl-4,6-dinitrophenol	534-52-1	ND	5
2-Methylphenol	95-48-7	ND	1
4-Methylphenol	106-44-5	ND	1
2-Nitrophenol	88-75-5	ND	1
4-Nitrophenol	100-02-7	ND	5
Pentachlorophenol	87-86-5	ND	5
Phenol	108-95-2	ND	1
2,4,5-Trichlorophenol	95-95-4	ND	1
2,4,6-Trichlorophenol	88-06-2	ND	1

Base/Neutral Extractables

Acenaphthene	83-32-9	ND	1
Acenaphthylene	208-96-8	ND	1
Anthracene	120-12-7	ND	1
Benzidine	92-87-5	ND	30
Benzoic acid	65-85-0	ND	4
Benzo(a)anthracene	56-55-3	ND	1
Benzo(b)fluoranthene	205-99-2	ND	1
Benzo(k)fluoranthene	207-08-9	ND	1
Benzo(ghi)perylene	191-24-2	ND	1
Benzo(a)pyrene	50-32-8	ND	1
Benzyl alcohol	100-51-6	ND	2
Benzyl butyl phthalate	85-68-7	ND	1
Bis(2-chloroethoxy)methane	111-91-1	ND	1
Bis(2-chloroethyl)ether	111-44-4	ND	1
Bis(2-chloroisopropyl)ether	108-60-1	ND	1
Bis(2-ethylhexyl)phthalate	117-81-7	ND	10
4-Bromophenyl phenyl ether	101-55-3	ND	1
4-Chloroaniline	106-47-8	ND	5

Results of Analysis
for
Superior Analytical Laboratory

Client Reference: 56899
Clayton Project No. 93081.21

Sample Identification: 56899-1	Date Sampled: 08/04/93
Lab Number: 9308121-01A	Date Received: 08/10/93
Sample Matrix/Media: SOIL	Date Extracted: 08/12/93
Extraction Method: EPA 3550	Date Analyzed: 08/12/93
Analytical Method: EPA 8270	

Analyte	CAS #	Concentration (mg/kg)	Limit of Detection (mg/kg)
<u>Base/Neutral Extractables (continued)</u>			
2-Chloronaphthalene	91-58-7	ND	1
4-Chlorophenyl phenyl ether	7005-72-3	ND	1
Chrysene	218-01-9	ND	1
Dibenzo(a,h)anthracene	53-70-3	ND	1
Dibenzofuran	132-64-9	ND	1
Di-n-butylphthalate	84-74-2	ND	1
1,2-Dichlorobenzene	95-50-1	ND	1
1,3-Dichlorobenzene	541-73-1	ND	1
1,4-Dichlorobenzene	106-46-7	ND	1
3,3'-Dichlorobenzidine	91-94-1	ND	30
Diethylphthalate	84-66-2	ND	1
Dimethylphthalate	131-11-3	ND	1
2,4-Dinitrotoluene	121-14-2	ND	1
2,6-Dinitrotoluene	606-20-2	ND	1
Di-n-octylphthalate	117-84-0	ND	1
Fluoranthene	206-44-0	ND	1
Fluorene	86-73-7	ND	1
Hexachlorobenzene	118-74-1	ND	1
Hexachlorobutadiene	87-68-3	ND	1
Hexachlorocyclopentadiene	77-47-4	ND	10
Hexachloroethane	67-72-1	ND	1
Indeno(1,2,3-cd)pyrene	193-39-5	ND	1
Isophorone	78-59-1	ND	1
2-Methyl naphthalene	91-57-6	ND	1
Naphthalene	91-20-3	ND	1
2-Nitroaniline	88-74-4	ND	5
3-Nitroaniline	99-09-2	ND	5
4-Nitroaniline	100-01-6	ND	5
Nitrobenzene	98-95-3	ND	1
N-Nitrosodiphenylamine	86-30-6	ND	1
N-Nitrosodi-n-propylamine	621-64-7	ND	1
Phenanthrene	85-01-8	ND	1
Pyrene	129-00-0	ND	1

Results of Analysis
for
Superior Analytical Laboratory

Client Reference: 56899
Clayton Project No: 93081.21

Sample Identification:	56899-1	Date Sampled:	08/04/93
Lab Number:	9308121-01A	Date Received:	08/10/93
Sample Matrix/Media:	SOIL	Date Extracted:	08/12/93
Extraction Method:	EPA 3550	Date Analyzed:	08/12/93
Analytical Method:	EPA 8270		

Analyte	CAS #	Concentration (mg/kg)	Limit of Detection (mg/kg)
<u>Base/Neutral Extractables (continued)</u>			
1,2,4-Trichlorobenzene	120-82-1	ND	1
<u>Surrogates</u>		<u>Recovery (%)</u>	<u>OC Limits (%)</u>
2-Fluorobiphenyl	321-60-8	108	30 - 115
2-Fluorophenol	367-12-4	93	25 - 121
Nitrobenzene-d5	4165-60-0	84	23 - 120
Phenol-d6	13127-88-3	99	24 - 113
Terphenyl-d14	98904-43-9	90	18 - 137
2,4,6-Tribromophenol	118-79-6	75	19 - 122

ND: Not detected at or above limit of detection
 --: Information not available or not applicable
 Results are reported on a wet weight basis, as received

Note: Detection limits increased due to matrix interference.

Results of Analysis
for
Superior Analytical Laboratory

Client Reference: 56899
Clayton Project No. 93081.21

Sample Identification:	56899-2 (WOSP-1,2)	Date Sampled:	08/04/93
Lab Number:	9308121-02A	Date Received:	08/10/93
Sample Matrix/Media:	SOIL	Date Extracted:	08/12/93
Extraction Method:	EPA 3550	Date Analyzed:	08/12/93
Analytical Method:	EPA 8270		

Analyte	CAS #	Concentration (mg/kg)	Limit of Detection (mg/kg)
<u>Acid Extractables</u>			
4-Chloro-3-methylphenol	59-50-7	ND	2
2-Chlorophenol	95-57-8	ND	2
2,4-Dichlorophenol	120-83-2	ND	2
2,4-Dimethylphenol	105-67-9	ND	2
2,4-Dinitrophenol	51-28-5	ND	10
2-Methyl-4,6-dinitrophenol	534-52-1	ND	10
2-Methylphenol	95-48-7	ND	2
4-Methylphenol	106-44-5	ND	2
2-Nitrophenol	88-75-5	ND	2
4-Nitrophenol	100-02-7	ND	10
Pentachlorophenol	87-86-5	ND	10
Phenol	108-95-2	ND	2
2,4,5-Trichlorophenol	95-95-4	ND	2
2,4,6-Trichlorophenol	88-06-2	ND	2

Base/Neutral Extractables

Acenaphthene	83-32-9	ND	2
Acenaphthylene	208-96-8	ND	2
Anthracene	120-12-7	ND	2
Benzidine	92-87-5	ND	50
Benzoic acid	65-85-0	ND	8
Benzo(a)anthracene	56-55-3	ND	2
Benzo(b)fluoranthene	205-99-2	ND	2
Benzo(k)fluoranthene	207-08-9	ND	2
Benzo(ghi)perylene	191-24-2	ND	2
Benzo(a)pyrene	50-32-8	ND	2
Benzyl alcohol	100-51-6	ND	4
Benzyl butyl phthalate	85-68-7	ND	2
Bis(2-chloroethoxy)methane	111-91-1	ND	2
Bis(2-chloroethyl)ether	111-44-4	ND	2
Bis(2-chloroisopropyl)ether	108-60-1	ND	2
Bis(2-ethylhexyl)phthalate	117-81-7	ND	20
4-Bromophenyl phenyl ether	101-55-3	ND	2
4-Chloroaniline	106-47-8	ND	10

Results of Analysis
for
Superior Analytical Laboratory

Client Reference: 56899
Clayton Project No: 93081.21

Sample Identification:	56899-2	Date Sampled:	08/04/93
Lab Number:	9308121-02A	Date Received:	08/10/93
Sample Matrix/Media:	SOIL	Date Extracted:	08/12/93
Extraction Method:	EPA 3550	Date Analyzed:	08/12/93
Analytical Method:	EPA 8270		

Analyte	CAS #	Concentration (mg/kg)	Limit of Detection (mg/kg)
<u>Base/Neutral Extractables (continued)</u>			
2-Chloronaphthalene	91-58-7	ND	2
4-Chlorophenyl phenyl ether	7005-72-3	ND	2
Chrysene	218-01-9	ND	2
Dibenzo(a,h)anthracene	53-70-3	ND	2
Dibenzofuran	132-64-9	ND	2
Di-n-butylphthalate	84-74-2	ND	2
1,2-Dichlorobenzene	95-50-1	ND	2
1,3-Dichlorobenzene	541-73-1	ND	2
1,4-Dichlorobenzene	106-46-7	ND	2
3,3'-Dichlorobenzidine	91-94-1	ND	50
Diethylphthalate	84-66-2	ND	2
Dimethylphthalate	131-11-3	ND	2
2,4-Dinitrotoluene	121-14-2	ND	2
2,6-Dinitrotoluene	606-20-2	ND	2
Di-n-octylphthalate	117-84-0	ND	2
Fluoranthene	206-44-0	ND	2
Fluorene	86-73-7	ND	2
Hexachlorobenzene	118-74-1	ND	2
Hexachlorobutadiene	87-68-3	ND	2
Hexachlorocyclopentadiene	77-47-4	ND	20
Hexachloroethane	67-72-1	ND	2
Indeno(1,2,3-cd)pyrene	193-39-5	ND	2
Isophorone	78-59-1	ND	2
2-Methyl naphthalene	91-57-6	2	2
Naphthalene	91-20-3	ND	2
2-Nitroaniline	88-74-4	ND	10
3-Nitroaniline	99-09-2	ND	10
4-Nitroaniline	100-01-6	ND	10
Nitrobenzene	98-95-3	ND	2
N-Nitrosodiphenylamine	86-30-6	ND	2
N-Nitrosodi-n-propylamine	621-64-7	ND	2
Phenanthrene	85-01-8	ND	2
Pyrene	129-00-0	ND	2

Results of Analysis
for
Superior Analytical Laboratory

Client Reference: 56899
Clayton Project No. 93081.21

Sample Identification: 56899-2	Date Sampled: 08/04/93
Lab Number: 9308121-02A	Date Received: 08/10/93
Sample Matrix/Media: SOIL	Date Extracted: 08/12/93
Extraction Method: EPA 3550	Date Analyzed: 08/12/93
Analytical Method: EPA 8270	

Analyte	CAS #	Concentration (mg/kg)	Limit of Detection (mg/kg)
---------	-------	--------------------------	----------------------------------

Base/Neutral Extractables (continued)

1,2,4-Trichlorobenzene	120-82-1	ND	2
------------------------	----------	----	---

<u>Surrogates</u>		<u>Recovery (%)</u>	<u>OC Limits (%)</u>
2-Fluorobiphenyl	321-60-8	90	30 - 115
2-Fluorophenol	367-12-4	77	25 - 121
Nitrobenzene-d5	4165-60-0	81	23 - 120
Phenol-d6	13127-88-3	83	24 - 113
Terphenyl-d14	98904-43-9	78	18 - 137
2,4,6-Tribromophenol	118-79-6	62	19 - 122

ND: Not detected at or above limit of detection
 --: Information not available or not applicable
 Results are reported on a wet weight basis, as received

Note: Detection limits increased due to matrix interference.



TANK PROTECT ENGINEERING

2021 WHIPPLE ROAD
 UNION CITY, CA 94587
 (415) 429-8080
 (800) 523-8080
 FAX (415) 429-8089

PEL # 9308024

INV # 23864

LAB: Priority
 TURNAROUND: Normal
 P.O. #: 667

PAGE 1 OF 2

CHAIN OF CUSTODY

PROJECT NO.		SITE NAME & ADDRESS					(1)	ANALYTES REQUESTED							REMARKS
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER		ID NO.						TYPE OF CONTAINER	TOTAL LIGHT BC	AROMATIC BC	TOTAL HEAVY BC	OIL & GREASE	POC SCAN	OTHER	
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION										
275 080493		Castro Valley Unified School District Castro Valley High													
Lee Hudkins 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088															
DG-1	8/4	1620	x		9.5'	Brass	x	x							
DG-2	8/4	1625	x		9.5'	Brass	x	x							
DW-1	8/4	1600		x	10.0'	1.8 liter 2.40 ml	x	x							
DSP-1A	8/4		x		3.0	Brass	x	x							
DSP-2B	8/4		x		3.0	Brass	x	x							
DSP-3C	8/4		x		3.0	Brass	x	x							
DSP-4D	8/4		x		3.0	Brass	x	x							
WOS-1			x		9'	Brass	x	x	x	x	x	x			
<p>per conversation with Mr. JEFF on 08/06/93 at 11:48 AM</p> <p>OES EPA 5520-F EPA 8010 CLHC metals Cd, Cr, Pb, Zn, Ni</p>															
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)					
Lee Hudkins		8/5/93 8:15		Lee Miller		Lee Miller		8/5/93 9:44							
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)					
				[Signature]											
Relinquished by: (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks							
				PEL		8/5/93 9:45									

DATE: 8/5/93



TANK PROTECT ENGINEERING

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 UNION CITY, CA 94587
 (415) 429-8088
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 FAX (415) 429-8089

PEL # 9308024 (2 of 2)

INV # 23864

LAB: Priority
 TURNAROUND: Normal
 P.O. #: 667

PAGE 2 OF 2

CHAIN OF CUSTODY

PROJECT NO. ZSC080493		SITE NAME & ADDRESS Castro Valley Unified School District Castro Valley High				(1) TYPE OF CON- TAINER	ANALYTES REQUESTED TOTAL LIGHT HC AROMATIC HC TOTAL HEAVY HC OIL & GREASE POC SCAN (621.9) Bv OTHER METALS Cd, Cr, Pb, Zn, Ni 8270						REMARKS per conversation with Mr. Jeff on 08/05/93 at 11:48 AM	
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER Lee Huckins 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088														
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION									
WOSP-1	8/4		x		1.5	Brass	x	x	x	x	x	Composite into 1 sample <i>[Signature]</i>		
WOSP-2	8/4		x		1.0	Brass	x	x	x	x	x	O&G 5570-F EPA 8010 CLHC metals Cd, Cr, Pb, Zn, Ni		
Relinquished by : (Signature) <i>[Signature]</i>		Date / Time 8/5/93 8:15		Received by : (Signature) <i>[Signature]</i>		Relinquished by : (Signature) <i>[Signature]</i>		Date / Time 8/5/93 9:11		Received by : (Signature)				
Relinquished by : (Signature)		Date / Time		Received by : (Signature) <i>[Signature]</i>		Relinquished by : (Signature)		Date / Time		Received by : (Signature)				
Relinquished by : (Signature)		Date / Time		Received for Laboratory by: (Signature) <i>[Signature]</i>		Date / Time 8/5/93 1945		Remarks						

DATE: 8/5/93



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

August 20, 1993

PEL # 9308083

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Re: Five soil samples for Diesel and Oil & Grease analyses.

Project name: Castro Valley Unified School District

Project number: 275C081993

Date sampled: Aug 18-19, 1993

Date extracted: Aug 20, 1993


Date submitted: Aug 20, 1993

Date analyzed: Aug 20, 1993

RESULTS:

SAMPLE I.D.	Diesel Oil & Grease	
	(mg/Kg)	(mg/Kg)
S1-1,2,3,4*	780	440
VSWO-2	N.D.	N.D.
VSWO-3	N.D.	N.D.
VSWO-4	N.D.	N.D.
VSWO-5	N.D.	N.D.
Blank	N.D.	N.D.
Spiked Recovery	90.6%	---
Duplicate Spiked Recovery	97.1%	---
Detection limit	1.0	10
Method of Analysis	3550 / 8015	5520 D & F

*Composited soil sample.


 David Duong
 Laboratory Director



PRIORITY ENVIRONMENTAL LABS

August 24, 1993

Precision Environmental Analytical Laboratory
PEL # 9308083

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Project name: Castro Valley Unified School District

Project number: 275C081993

Sample I.D.: S1-1,2,3,4

Date Sampled: Aug 18-19, 1993

Date Submitted: Aug 20, 1993

Date Analyzed: Aug 24, 1993

Method of Analysis: EPA 8240

Detection limit: 5.0 ug/Kg

COMPOUND NAME	CONCENTRATION (ug/Kg)	SPIKE RECOVERY (%)
Acetone	N.D.	-----
Chloromethane	N.D.	-----
Vinyl Chloride	N.D.	91.6
Bromomethane	N.D.	-----
Chloroethane	N.D.	-----
Trichlorofluoromethane	N.D.	-----
1,1-Dichloroethene	N.D.	87.8
Methylene Chloride	N.D.	-----
Trans-1,2-Dichloroethene	N.D.	-----
1,1-Dichloroethane	N.D.	83.5
Chloroform	N.D.	-----
1,1,1-Trichloroethane	N.D.	89.2
Carbon Tetrachloride	N.D.	-----
1,2-Dichloroethane	N.D.	-----
Trichloroethene	N.D.	101.6
1,2-Dichloropropane	N.D.	-----
Bromodichloromethane	N.D.	-----
2-Chloroethylvinylether	N.D.	-----
Trans-1,3-Dichloropropene	N.D.	-----
Cis-1,3-Dichloropropene	N.D.	-----
1,1,2-Trichloroethane	N.D.	-----
Tetrachloroethene	N.D.	103.8
Benzene	N.D.	84.2
Dibromochloromethane	N.D.	-----
Toluene	N.D.	89.5
Chlorobenzene	N.D.	-----
Ethylbenzene	N.D.	92.0
Bromoform	N.D.	-----
1,1,2,2-Tetrachloroethane	N.D.	-----
Dichlorodifluoromethane	N.D.	-----
Freon 113	N.D.	94.1
M & P-Xylenes	N.D.	-----
O-Xylene	N.D.	-----
1,3-Dichlorobenzene	N.D.	-----
1,4-Dichlorobenzene	N.D.	-----
1,2-Dichlorobenzene	N.D.	-----

David Duong
Laboratory Director



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

August 23, 1993

PEL # 9308083

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Re: One composited soil sample for RCI analysis.

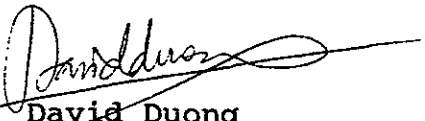
Project name: Castro Valley Unified School District
Project number: 275C081993

Date sampled: Aug 18-19, 1993
Date extracted: Aug 21, 1993

Date submitted: Aug 20, 1993
Date analyzed: Aug 21, 1993

RESULTS:

SAMPLE I.D.	REACTIVITY	CORROSIVITY	IGNITABILITY
S1-1,2,3,4	NO	pH 8.0	NO
Blank	NO	pH 7.0	NO
Method of Analysis	Title 22, CCR 66261.23	Title 22, CCR 66261.22	Title 22, CCR 66261.21


David Duong
Laboratory Director



Superior Precision Analytical, Inc.

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

PRIORITY ENVIRONMENTAL LABS
Attn: DAVID DUONG

Project 9308083
Reported 31-August-1993

ANALYSIS FOR CAM 17 METALS

Laboratory Number	Sample Identification	Matrix
89725- 1	S1-1,2,3,4	Water

RESULTS OF ANALYSIS

Laboratory Number: 89725- 1

Antimony	(Sb):	ND<0.1
Arsenic	(As):	0.02
Barium	(Ba):	1.0
Beryllium	(Be):	ND<0.01
Cadmium	(Cd):	ND<0.01
Chromium	(Cr):	ND<0.05
Cobalt	(Co):	0.18
Copper	(Cu):	0.08
Lead	(Pb):	ND<0.1
Mercury	(Hg):	ND<.002
Molybdenum	(Mo):	ND<0.05
Nickel	(Ni):	0.18
Selenium	(Se):	ND<0.01
Silver	(Ag):	ND<0.05
Thallium	(Tl):	ND<0.2
Vanadium	(V):	ND<0.05
Zinc	(Zn):	0.15

Concentration: mg/L



Superior Precision Analytical, Inc.

82 1/2 Arnold Drive, Suite 114 • Martinez, California 94553 • (510) 229-1517 / fax (510) 229-1526

ANALYSIS FOR CAM 17 METALS Quality Assurance and Control Data - Water

Laboratory Number 89725

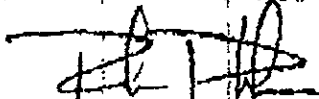
Compound		Method Blank (mg/L)	PQL (mg/L)	Average Spike Recovery (%)	Limits (%)	RPD (%)
Antimony	(Sb) :	ND<0.1	0.1	100%	75-125	0%
Arsenic	(As) :	ND<0.01	0.01	107%	75-125	8%
Barium	(Ba) :	ND<0.05	0.05	102%	75-125	1%
Beryllium	(Be) :	ND<0.01	0.01	107%	75-125	2%
Cadmium	(Cd) :	ND<0.01	0.01	113%	75-125	1%
Chromium	(Cr) :	ND<0.05	0.05	104%	75-125	1%
Cobalt	(Co) :	ND<0.05	0.05	107%	75-125	0%
Copper	(Cu) :	ND<0.05	0.05	107%	75-125	1%
Lead	(Pb) :	ND<0.1	0.1	109%	75-125	2%
Mercury	(Hg) :	ND<.002	.002	112%	75-125	0%
Molybdenum	(Mo) :	ND<0.05	0.05	101%	75-125	1%
Nickel	(Ni) :	ND<0.05	0.05	110%	75-125	1%
Selenium	(Se) :	ND<0.01	0.01	101%	75-125	4%
Silver	(Ag) :	ND<0.05	0.05	81%	75-125	2%
Thallium	(Tl) :	ND<0.2	0.2	110%	75-125	2%
Vanadium	(V) :	ND<0.05	0.05	109%	75-125	1%
Zinc	(Zn) :	ND<0.05	0.05	112%	75-125	3%

Definitions:

ND = Not Detected
PQL = Practical Quantitation Limit

RPD = Relative Percent Difference

QC File No. 89725

 8/31/93
 Senior Chemist
 Account Manager



TANK PROJECT ENGINEERING

2821 WHIPPLE ROAD
 UNION CITY, CA 94587
 (415)429-8088
 (800)523-8088
 FAX(415)429-8089

PEL # 9308083

INV # 23923

LAB: Priority Env

TURNAROUND: normal

P.O. #: 6285

PAGE 1 OF 1

CHAIN OF CUSTODY

PROJECT NO.		SITE NAME & ADDRESS					(1) TYPE OF CONTAINER	ANALYTES REQUESTED							REMARKS	
275C 081993		Castro Valley Unified School District Castro Valley High						TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC	OIL & GREASE	OTHER STLC (221's)	RCC I			
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER		ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION									
Lee Hudkins 2821 WHIPPLE ROAD, UNION CITY, CA 94587 (415) 429-8088																
		VSwo-2	8/19	1620	X		9.0	Brass	X	X						* OEG EPA Method 5570-F
		VSwo-3	8/19	1630	X		10'	Brass	X	X						
		VSwo-4	8/19	1640	X		9.0	Brass	X	X						
		VSwo-5	8/19	1655	X		9.0	Brass	X	X						
		S1-1	8/18	1500	X		9.0	Brass	X	X						Composite into 1 sample S1(1-4) per Mr. Jeff on 08/20/93 at 4:20 PM
		S1-2	8/18	1530	X		9.0	Brass	X	X						
		S1-3	8/18	1610	X		9.5	Brass	X	X						
		S1-4	8/19	950	X		9.0	Brass	X	X						
Relinquished by: (Signature) Lee Hudkins		Date / Time 8/20/93 9:00 AM		Received by: (Signature) Lee Meier		Relinquished by: (Signature) Lori Meier		Date / Time 8/20/93 9:22		Received by: (Signature)						
Relinquished by: (Signature)		Date / Time		Received by: (Signature)		Relinquished by: (Signature)		Date / Time		Received by: (Signature)						
Relinquished by: (Signature)		Date / Time 8/20/93 9:20		Received for Laboratory by: (Signature) PEL		Date / Time		Remarks								

DATE: _____



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

September 09, 1993

PEL # 9309026

TANK PROTECT ENGINEERING, INC.

Attn: Jeff

Re: Two soil samples for BTEX and Diesel analyses.

Project name: Castro Valley Unified School District

Project number: 275C090793

Date sampled: Sept 07, 1993

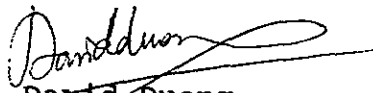
Date submitted: Sept 07, 1993

Date extracted: Sept 07-08, 1993

Date analyzed: Sept 07-08, 1993

RESULTS:

SAMPLE I.D.	Diesel	Benzene	Toluene	Ethyl	Total
	(mg/Kg)	(ug/Kg)	(ug/Kg)	Benzene	Xylenes
PL-1	N.D.	N.D.	N.D.	7.6	21
PL-2	N.D.	N.D.	7.4	9.3	37
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	91.4%	85.5%	82.1%	88.4%	93.9%
Detection limit	1.0	5.0	5.0	5.0	5.0
Method of Analysis	3550 / 8015	8020	8020	8020	8020


David Duong
Laboratory Director



TANK PROTECT ENGINEERING

2821 WHIPPLE ROAD
 UNION CITY, CA 94587
 (415) 429-8088
 (800) 523-8088
 FAX (415) 429-8089

PEL # 9309026

INV # 23987

LAB: Priority Env

TURNAROUND: Normal

P.O. #: 694

PAGE 1 **OF** 1

CHAIN OF CUSTODY

PROJECT NO.		SITE NAME & ADDRESS				(1) TYPE OF CON- TAINER	ANALYTES REQUESTED						REMARKS
275090793		Castro Valley Unified School District Castro Valley High					TOTAL LIGHT HC	AROMATIC HC	TOTAL HEAVY HC	OIL & GREASE	POC SCAN (624's)	OTHER	
SAMPLER NAME, ADDRESS AND TELEPHONE NUMBER													
ID NO.	DATE	TIME	SOIL	WATER	SAMPLING LOCATION								
PL-1	9/7	12:28	x		4.0	Brass	x	x					
PL-2	9/7	12:57	x		4.0	Brass	x	x					
Relinquished by : (Signature)		Date / Time		Received by : (Signature)		Relinquished by : (Signature)		Date / Time		Received by : (Signature)			
Lee Hutchins		9/7/93 11:30		Lee Meller		Lee Meller		9/7/93 2:21					
Relinquished by : (Signature)		Date / Time		Received by : (Signature)		Relinquished by : (Signature)		Date / Time		Received by : (Signature)			
		1		Cherise				1					
Relinquished by : (Signature)		Date / Time		Received for Laboratory by: (Signature)		Date / Time		Remarks					
		9/7/93 2:25		PEL		1							

DATE: 9/7/93