UST REMOVAL

Project #158-539A

L&D SCAFFOLD, INC.
1420 162ND AVENUE
SAN LEANDRO, CA

ENVIRONMENTAL BIO-SYSTEMS, INC.

Environmental Bio-Systems, Inc.
Innovative Solutions for a Better Environment
Contractor's License A-Haz 687236

1. INTRODUCTION

Environmental Bio-Systems, Inc. (EBS) performed the scope of services described within this document on behalf of L&D Scaffold, Inc. (the Client). The project took place at 1420 162nd Avenue, San Leandro, California (the Site). Tasks included in the project were undertaken to comply with requests made by the Alameda County Health Care Services Administration (ACHCSA). All work was performed in accordance with EBS proposal/contract #99011A-R1, executed by the Client on October 8, 1999.

The principal project contacts are:

Principal Client Contact – Ms. Betty Puckett, L&D Scaffold, Inc, 1420 162nd Avenue, San Leandro, California 94578, 510-276-9211.

Consultant - Environmental Bio-Systems, Inc., P.O. Box 7171, San Jose, CA 95150-7171, 408-979-8600, Timothy M. Babcock - Project Manager.

2. SCOPE OF WORK

The project-encompassed excavation and removal of one 7,500-gallon gasoline underground storage tank (UST), a fuel dispenser and associated product and vent piping from the subject site. Appendix A contains a site location map (Figure 1); site map (Figure 2) and a map depicting sample locations and results (Figure 3).

Major tasks carried out during this project included:

- Excavation, removal, and disposal of one 7,500 gallon UST, one fuel dispenser pump, and associated product and vent piping per Alameda County Fire Department (ACFD) guidelines.
- Collection of soil samples from beneath or adjacent to the ends of the tanks, dispenser/piping and from the stockpile of overburden soil.
- Dewatering and bridging of the excavation
- Backfill and compaction of the excavation
- Interpretation of field and laboratory data
- Preparation of this report

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TABLES

APPENDICES

3. SITE LOCATION AND DESCRIPTION

The Site contains one two-story building currently used for office and shop space and another single story building primarily used for warehousing of scaffolding The Site is located at 1420 162nd Avenue, in the City of San Leandro, County of Alameda, California.

The Site is bounded to the southwest to northwest by 162nd Avenue. Appliance Parts Distributors lies to the southwest and shares the a driveway with L&D Scaffold, Inc. Apartment complexes and residential property bound the northeast and southeast borders of the property.

4. PERMITS

UST removal permits were procured from both the ACHCSA and ACFD prior to work progression. Copies of the permits are included in Appendix B.

5. PROCEDURES

The UST was uncovered on October 24 and evacuated on October 25, 1999. The UST, dispenser and all piping were removed from the site on October 25.

Excavation was performed by Reese Construction of San Ramon, California (Contractor's License #738538A). Residual fuel within the tanks was removed and disposed of by American Valley Waste Oil, Inc. of Delhi, California (EPA ID# CAL000827878). Transportation of the tank was performed by Ecology Control Industries (ECI) of Richmond, California (EPA transporter/facility numbers CAD982030173/CAD009466392). Pit water was pumped from the excavation by Foss Environmental & Infrastructure, Inc. of Alameda, CA (EPA ID#CAR000030114). Pit water was disposed of at Seaport Environmental in Redwood City, CA (EPA ID#). Pit bottom mud was transported by Dillard Trucking of Byron, CA (EPA ID#CAD981692809) to BFI Vasco Road Landfill in Livermore, CA (EPA ID# CAD982407645).

5.1. UST Excavation & Removal

Approximately 100 cubic yards of sand backfill were dug from above and around the USTs. Observation of sand from the pit did not reveal any staining or discoloration and exhibited no typical hydrocarbon odor. Stockpiled soil was

placed on top of visqueen sheeting on asphalt paved surface pending the receipt of analytical results.

A mild hydrocarbon odor was noted in soil from directly beneath a joint in the product piping between the UST and dispenser. The odor was found to dissipate within six inches of the pipe.

The contents of the UST were evacuated prior to removal. American Valley Waste Oil, Inc. pumped approximately 350-gallons of rinsate from the tank during tank rinsing. All tank rinsate was removed from the Site under Uniform Hazardous Waste Manifest (#99155913). A copy of this manifest is included in Appendix C.

The UST interior was inerted with dry ice. The internal atmosphere was subsequently measured for oxygen content and lower explosive limit using a GasTech™ meter.

Inspectors Nick Chimento of the ACFD and Eva Chu of the ACHCSA were present to witness removal of the tank. Ms Chu remained to witness subsequent soil and pit water sampling.

The tank was lifted from the excavation by crane and displayed for observation. The exposed tank was constructed of single walled steel with intact tar wrapping. It appeared to be in excellent condition with no rust or corrosion visible on the outer surface.

The UST was subsequently loaded onto a flatbed truck and transported by ECI under UHWM for recycling at their Richmond facility. Appendix C also includes a copy of the Uniform Hazardous Waste Manifest (#96633196) which accompanied the excavated UST.

Water was encountered in the pit at a depth of approximately eight feet bgs. A vacuum truck was employed to remove pit water during backfilling procedures. Foss Environmental & Infrastructure, Inc. evacuated approximately 4,300 total gallons of water from the pit during dewatering. All evacuated water was transported on October 26 under non-hazardous bill of lading to Seaport Environmental for disposal

Approximately 30 cubic yards of saturated sand and soil were removed from pit bottom prior to backfilling. The material was stored inside a visqueen lined bermed area This material was hauled on October 2[illegible] under non-hazardous bill of lading to BFI Vasco Road Landfill for disposal

5.2. Sampling

Sampling on October 25 was performed in the presence of Inspector Chu. Soil and water sample locations on this date were selected under her direction. Water sample W2 was collected on October 26 without the presence of Inspector Chu, but with her concurrence. Sample locations are depicted on Figure 3.

5.2.1. Soil Sampling

Soil sample locations were adjusted to compensate for the presence of pit water, which was found at a depth of approximately 8 feet bgs. UST interface samples were subsequently collected from outside the backfill in the pit walls within what was estimated to be the unsaturated zone directly above observed depth of water.

A hand auger was used to collect the soil from which samples S1 and S2 (UST interface samples) were collected. A third interface sample (S3) was collected by hand from beneath the product piping adjacent to the fuel dispenser where a slight odor had been encountered during removal of the piping.

A small sub-sample of soil was retained from each sample location (with the exception of the stockpile) and subjected to field screening using a photoinozation detector (PID). The PID was calibrated to an isobutylene standard prior to initial use. Results of soil screening (expressed as isobutylene equivalents) failed to yield a reportable concentration for any of the sub-samples.

Sample S1 was collected from the northwest wall of the pit at a depth of approximately 6 to 7 feet bgs, in the endwall of the excavation. This sample was analyzed on a normal five-day turnaround.

Sample S2 was collected from the south corner of the pit at a depth of approximately 7 to 7 ½ feet bgs, in the wall of the excavation. This sample was analyzed on a normal five-day turnaround.

Sample S3 was collected from beneath product piping at a depth of approximately 1 ½ feet bgs. This sample was analyzed on a normal five-day turnaround.

5.2.2. Pit Water Sampling

Water sample W1 was collected from the pit prior to [illegible] of the UST and subjected to same-day analysis for [illegible] components. Subsequent analysis this sample revealed elevated concentrations of the [illegible] analytes. The elected to have a second pit water sample collected after dewatering of the excavation prior to backfilling. The second pit water sample (designated W2

collected after evacuation of approximately 2,500 to 3,000 gallons of water from the pit. Sample W2 was analyzed on a normal five-day turnaround.

5.2.3. Soil Stockpile Sampling

Composite soil sample C1 A-D was collected from the accumulated stockpile of overburden soil. Each sample consisted of four individual sample tubes, which were laboratory composited prior to analysis. This sample was analyzed on a same-day turnaround to facilitate immediate backfilling of the pit.

5.2.3.1. Sampling Methods

Samples were collected from the excavation by inserting clean stainless steel sample tubes into freshly exposed soil. Samples S1 and S2 were collected directly from a hand auger. Sample S3 was collected by inserting a tube directly into soil beneath near surface product piping. A plastic mallet was used to drive each tube into the soil, packing it full to exclude headspace.

Pit water samples were collected using a disposable bailer. Water was retrieved from the pit and immediately decanted into clean volatile organic analysis (VOA) vials and/or amber liter bottles.

Composite stockpile samples were collected using a plastic mallet to drive clean stainless steel sample tubes into freshly exposed soil approximately six inches to two feet beneath the pile surface. The ends of all tubes submitted to the laboratory were covered with Teflon™ sheets and sealed with plastic end caps.

All sample containers were labeled with a designation unique to the project and stored in a cooler on top of crushed ice. A chain of custody was initiated at the site and accompanied all samples through reception by the analytical laboratory.

6. LABORATORY ANALYSES

All samples were transported to Analytical Sciences, of Petaluma, California (AS). This laboratory is accredited through the California State Department of Toxic Substances Control environmental laboratory accreditation program (ELAP) to perform the indicated analyses (certification #2[illegible]).

Samples S1, S2, S3, W1, W2, and C1 A-D were analyzed for total petroleum hydrocarbons calculated as gasoline (TPHg), the gasoline constituents benzene, toluene, ethylbenzene, and total xylenes (BTEX), and methyl tert-butyl ether (MTBE). All samples with the exception of W1 (insufficient volume) were additionally analyzed for total lead (Pb).

6.1. Analytical Methods

The following are methods used by the laboratory for each of the selected analytes:

TPHg/BTEX/MTBE	EPA Method 5030/8015M/8020
MTBE Confirmation	EPA Method 8260
Total Pb	EPA Method 3050/7420

6.2. Sample Results

The results of soil sample analyses are summarized below and in Table 1. Water sample results are summarized below and in Table 2. Chain of custody forms and certified laboratory analytical reports are presented in Appendix D.

- Sample S1 was found to contain 2.5 milligrams per kilogram (mg/kg) TPHg, 2.5 mg/kg MTBE, and 10-mg/kg total Pb. The laboratory included a notation on the report that the TPHg concentration found in this sample consisted primarily of MTBE.

- Sample S2 was found to contain 0.037 mg/kg MTBE and 9.1 mg/kg total Pb.

This should be excavated

- Sample S3 was found to contain 28 mg/kg TPHg, 2.2-mg/kg benzene, 28 mg/kg MTBE, and 11-mg/kg total Pb. The laboratory included a notation on the report that the TPHg concentration found in this sample consisted primarily of MTBE.

- Sample W1 was found to contain 2,700 micrograms per liter (µg/L) TPHg, 13-µg/L benzene, 34-µg/L toluene, 3.4-µg/L ethyl benzene, and 16-µg/L xylenes. The laboratory included a notation on the report that the TPHg concentration found in this sample consisted primarily of MTBE. The sample was subsequently subjected to confirmation by EPA Method 8260 and found to contain 2,600-µg/L MTBE and no other oxygenated gasoline additives.

- Sample W2 was found to contain 1,300 micrograms per liter (µg/L) TPHg, 2.1 µg/L toluene, 1.6 µg/L xylenes, and 1,300 µg/L MTBE. The laboratory included a notation on the report that the TPHg concentration found in this sample consisted primarily of MTBE

- Composite sample C1 A-D was not found to contain reportable concentrations of TPHg, BTEX, or MTBE. Total Pb was found in this sample at a concentration of 6 8 mg/kg.

7. UNAUTHORIZED RELEASE REPORT

At the request of the ACHCSA, an unauthorized release report was filed on the Client's behalf. A copy of the report is included in Appendix E.

8. SUMMARY

1. Approximately 350-gallons of rinsate were purged from the UST and removed from the Site for disposal.

2. The tank was found to be of single walled steel with tar wrapping. It was observed to be in excellent condition with no rust or corrosion visible anywhere on the outer surface. No staining or typical hydrocarbon odor was noted during excavation of the UST.

3. Approximately 100 cubic yards of soil was excavated from above and around the tank prior to removal. All overburden soil was placed on asphalt paved surface on top of and covered with Visqueen plastic.

4. A mild hydrocarbon odor was encountered directly beneath a joint in the product piping between the dispenser and tank.

5. Pit water was found in the pit at a depth of approximately 8 feet bgs.

6. One 7,500-gallon gasoline UST and associated product and vent piping were removed from the site under hazardous waste manifest and disposed of at ECI in Richmond, California on 25 October 1999. ECI also removed and disposed of the dispenser.

7. UST interface samples S1 and S2 were collected from soil retrieved by hand auger. Sample locations were taken from just above the observed water level within the pit. A third soil sample (S3) was collected from beneath product piping adjacent to the fuel dispenser where a slight petroleum odor was encountered during removal. A composite soil sample was also collected from approximately 100 cubic yards of sand backfill excavated prior to UST Removal.

8 All soil samples were analyzed for TPHg, BTEX, MTBE, and total Pb

9 Sample S1 was found to contain 2 5 milligrams per kilogram (mg/kg) TPHg, 2.5 mg/kg MTBE, and 10-mg/kg total Pb The laboratory included a notation

on the report that the TPHg concentration found in this sample consisted primarily of MTBE.

Sample S2 was found to contain 0.037 mg/kg MTBE and 9.1 mg/kg total Pb.

Sample S3 was found to contain 28 mg/kg TPHg, 2.2-mg/kg benzene, 28 mg/kg MTBE, and 11-mg/kg total Pb. The laboratory included a notation on the report that the TPHg concentration found in this sample consisted primarily of MTBE.

Composite soil sample C1 A-D was found to contain 6.8-mg/kg total Pb.

10. An initial Pit water sample was collected from accumulated pit water and analyzed on a same day turnaround for TPHg, BTEX, and MTBE with EPA Method 8260 confirmation of detected MTBE.

    Sample W1 was found to contain 2,700-µg/L TPHg, 13-µg/L benzene, 34-µg/L toluene, 3.4-µg/L ethyl benzene, and 16-µg/L total xylenes. The TPHg was noted by the lab to consist mainly of MTBE. Confirmation analysis quantified the MTBE content to be 2,600-µg/L.

11. Pit water was evacuated to facilitate backfilling. Approximately 4,300 gallons of water were removed from the excavation by Foss Environmental & Infrastructure, Inc. under non-hazardous bill of lading and transported to Seaport Environmental in Redwood City, CA.

12. A second pit water sample was collected during dewatering after removing approximately 2,500 to 3,000 gallons of water. The sample (W2) was again subjected to analysis for TPHg, BTEX, and MTBE, in addition to total Pb.

    Sample W2 was found to contain 1,300 micrograms per liter (µg/L) TPHg, 2.1 µg/L toluene, 1.6 µg/L xylenes, and 1,300 µg/L MTBE.

13. Approximately 30 cubic yards of saturated sand and soil was excavated from the bottom of the excavation prior to backfilling. This material was hauled off under non-hazardous bill of lading and disposed of at BFI Vasco Road Landfill in Livermore, CA

14. A geotextile fabric was placed into the bottom of the hole after dewatering and removing as much saturated loose sand and soil as possible Approximately four feet of clean drain rock was then imported and compacted in place on top of the fabric to bridge ground water A second layer of Geotextile fabric was then placed on top of the drain rock before backfilling with 6 inch lifts using

the clean sand overburden excavated during removal of the UST. The upper two feet was backfilled with clean imported baserock.

15. Paving of the excavation area was removed from the contract per Client request.

16. An unauthorized release report was filed with the ACHCSA.

9. RECOMMENDATIONS

We recommend that the Client forward this report in its' entirety to the ACFD and the ACHCSA. Inspector Chu has been made aware of the levels of contaminants found in soil and water samples from the site, and has stated that concentrations of MTBE found in ground water warrant additional subsurface characterization. The ACHCSA will submit a letter regarding additional measures required following completion of their review of this report.

We recommend that the Client file an application to the California Underground Storage Tank Cleanup Fund (UST Fund). Claims may then be submitted to seek reimbursement of eligible site characterization and remediation costs incurred at the time of UST removal as well as in the future. We further recommend that the Client undertake further environmental characterization and remediation measures only after receiving written notice from the State or the ACHCSA, which acts as the lead-implementing agency for the State. The Client should also contact the UST Fund and familiarize themselves with the rules of eligibility to maximize efforts at obtaining reimbursement.

EBS further recommends that the Client forward copies of this report to any and all other regulatory agencies and interested parties as required.

10. LIMITATIONS

The recommendations in this report were developed in accordance with generally accepted standards of current environmental practice in California. These recommendations are time-dependent and should not be considered valid after a 1-year period from the issue of this report. Site conditions and recommendations contained within this report should be reviewed after 1-year from the issue of this report.

This study was performed solely for evaluating environmental conditions of the site subsurface relative to hydrocarbon impact at the subject Site. No engineering or geotechnical references are implied or should be inferred.

This study was performed, and the report was prepared for the sole use of our client, L&D Scaffold, Inc. This report and the findings contained herein shall not be disclosed to nor used by any other party without the prior written consent of Environmental Bio-Systems, Inc. It is the responsibility of the client to convey these recommendations to regulatory agencies and other parties, as appropriate.

The recommendations contained herein are professional opinions that our firm has endeavored to provide with competence and reasonable care. We are not able to eliminate the risks associated with environmental work. No guarantees or warrants, express or implied, are provided regarding our recommendations

Environmental Bio-Systems, Inc. is not liable for the discovery, documentation, or other consequences associated with obscured or otherwise not readily visible conditions encountered during any personal observations documented by staff and included in the report.

EBS is not responsible for charges from subcontractors resulting from stand-by time relating to delays in removing the UST from the pit, or obstacles not anticipated in the scope of this proposal. Any and all such charges will be passed on to the client at the standard mark up quoted in the compensation section of this proposal.

11. REFERENCES

United States Geological Survey (USGS), Hayward, California Topographic Map, 7 5 minute series with 20 foot contour intervals, 1959, photorevised 1980

TABLE 1: SOIL SAMPLE RESULTS (mg/kg)

Sample #	TPHg (mg/kg)	benzene (µg/L)	toluene (µg/L)	ethyl-benzene (µg/L)	xylenes (µg/L)	MTBE (µg/L)	Total Pb (µg/L)
S1	2.5[1]	ND[2]	ND	ND	ND	2.5	10
S2	ND	ND	ND	ND	ND	0.037	9.1
S3	28[1]	2.2	ND	ND	ND	28	11
C1 A-D	ND	ND	ND	ND	ND	ND	6.8

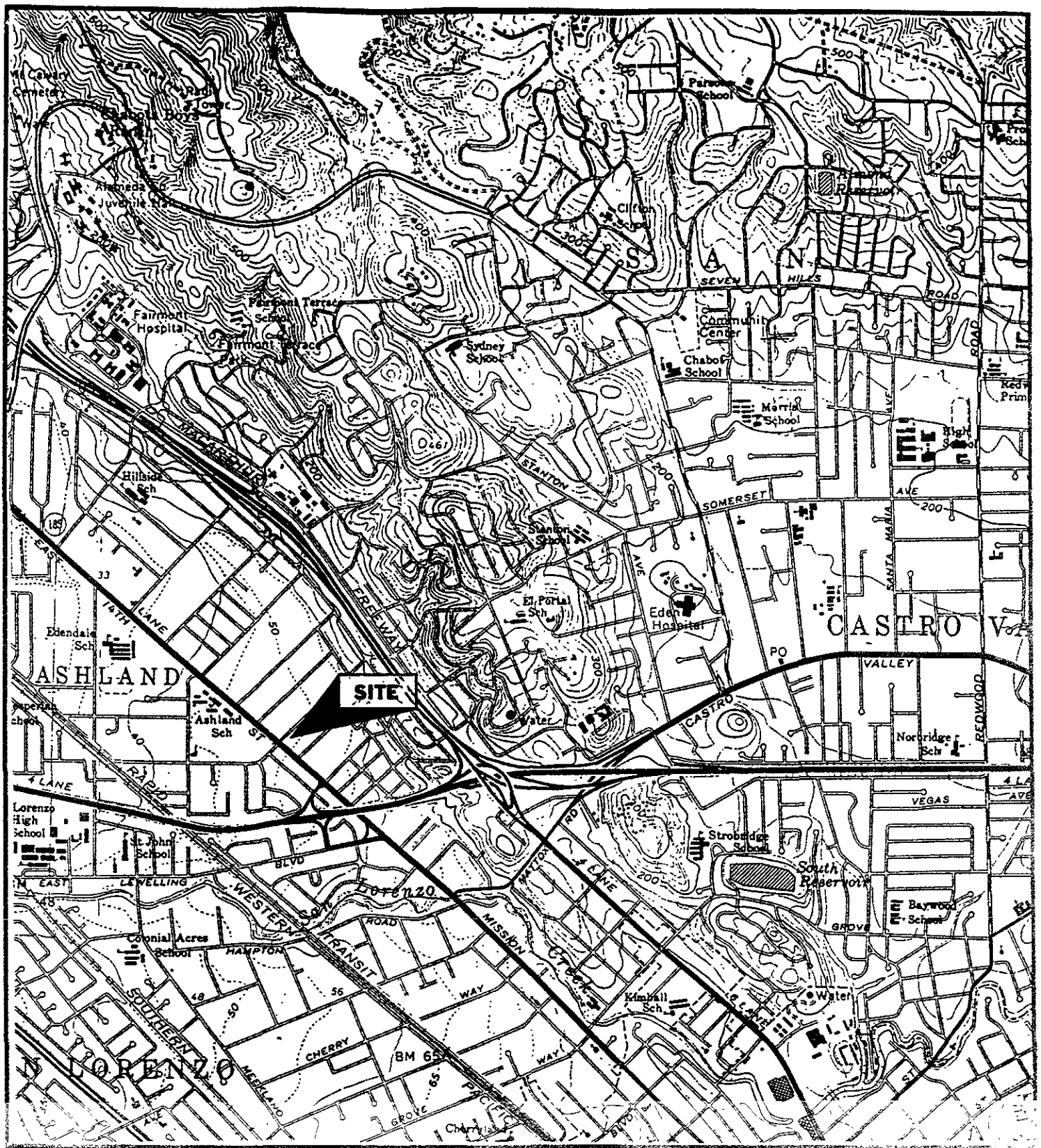
2.5[1]- Result reported by lab as consisting primarily of MTBE.
ND[1]- Analyte not detected above detection limit as stated on laboratory report.
Note- See laboratory reports for specific analyte detection limits.

TABLE 2: WATER SAMPLE RESULTS (µg/kg)

Sample #	TPHg (mg/kg)	benzene (mg/kg)	toluene (mg/kg)	ethyl-benzene (mg/kg)	xylenes (mg/kg)	MTBE (mg/kg)	Total Pb
W1	2,700[1]	13	34	3.4	16	2,600[2]	NA[2]
W2	1,300[1]	ND[4]	2.1	ND	1.6	1,300[2]	ND

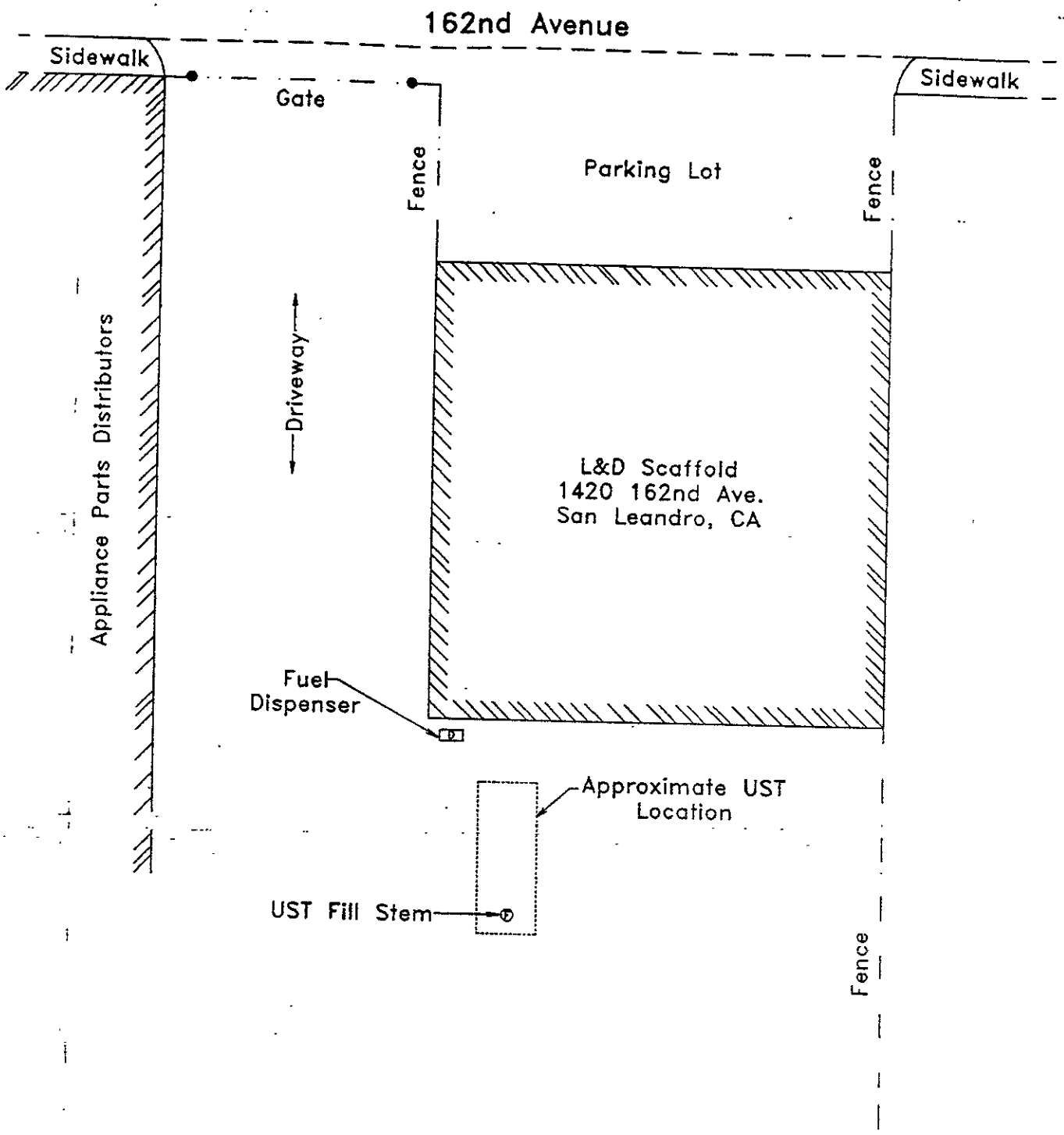
2,700[1]- Result reported by lab as consisting primarily of MTBE.
2,600[2]- Result confirmed by EPA Method 8260.
NA[3]- Sample not analyzed for this analyte.
ND[4]- Analyte not detected above detection limit as stated on laboratory report.
Note- See laboratory reports for specific analyte detection limits.

APPENDIX A: FIGURES



ENVIRONMENTAL BIO-SYSTEMS, INC.	REPORT DATE: 11/3/99	FIGURE 1: SITE LOCATION MAP
	DRAWN BY: TMB	L&D SCAFFOLD, INC. 1420 162nd AVENUE SAN LEANDRO, CA EBS PROJECT #158-539A
	SCALE: 1"=2,000'	

FIGURE 2: SITE MAP



SCALE (in feet)

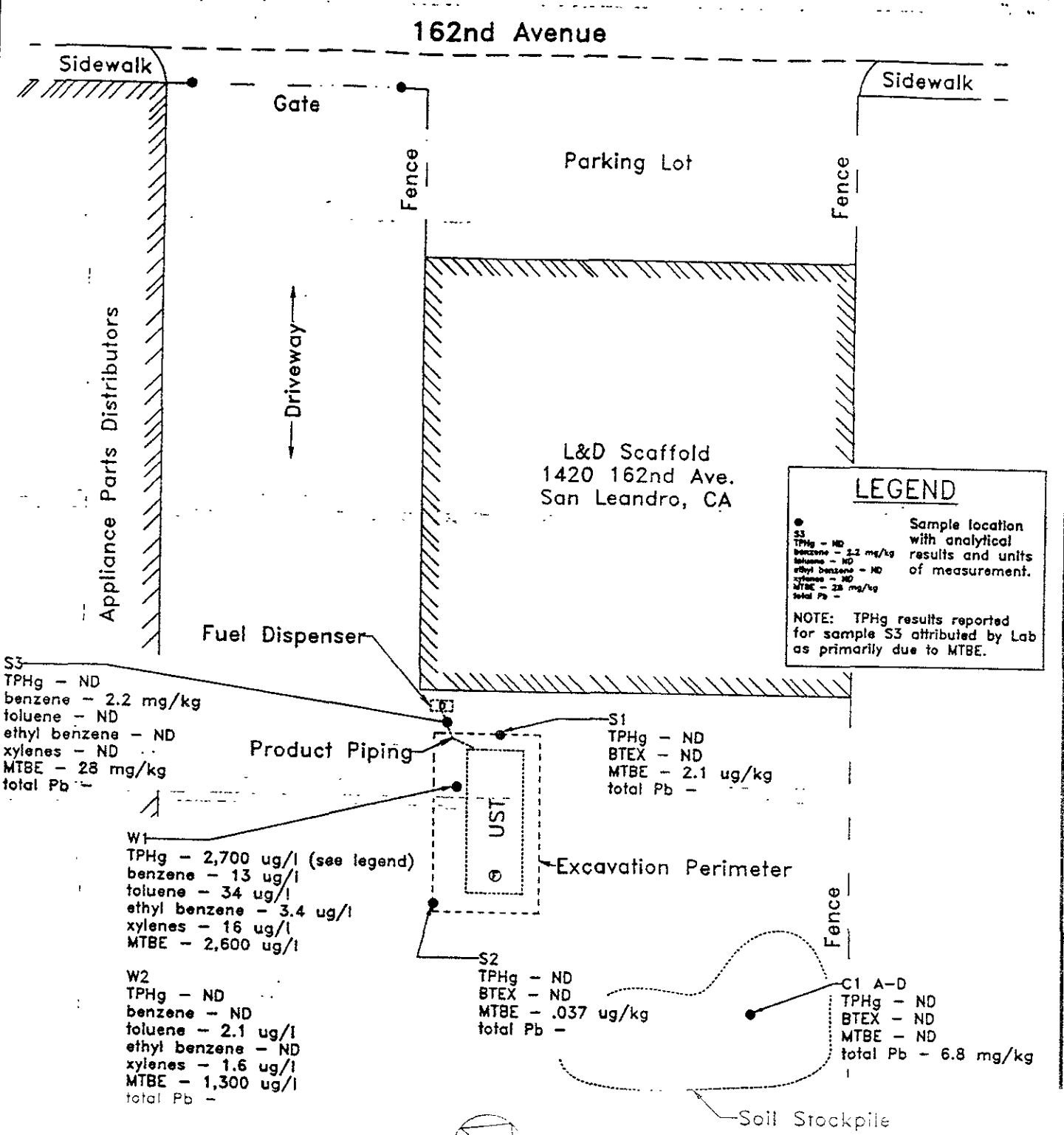
5 25

0 15 50

ENVIRONMENTAL
BIO-SYSTEMS, INC.

L&D Scaffold, Inc.
1420 162nd Ave.
San Leandro, CA
EBS Project #158-539A
Report Date: 11/3/99

FIGURE 3: SAMPLE RESULTS

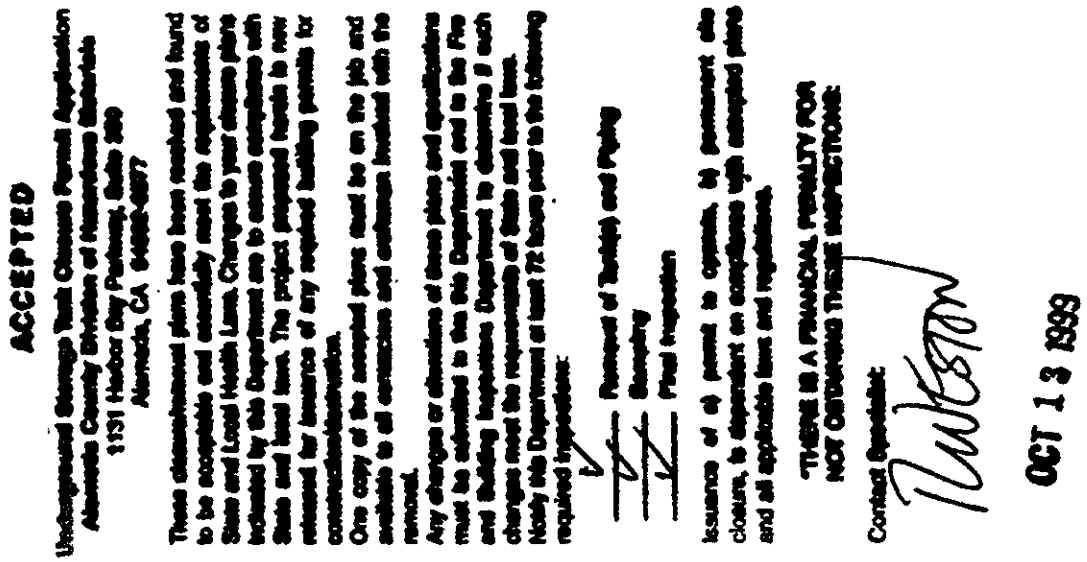


ENVIRONMENTAL BIO-SYSTEMS, INC.

L&D Scaffold, Inc.
1420 162nd Ave.
San Leandro, CA
EBS Project #158-539A
Report Date: 11/3/99

APPENDIX B: PERMITS

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
ENVIRONMENTAL HEALTH SERVICES
1131 HARBOR BAY PARKWAY, RM 250
ALAMEDA, CA 94502-6577
PHONE # 510/567-6700



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

1. Name of Business L&D Scaffold, Inc.
   Business Owner or Contact Person (PRINT) Betty Puckett
2. Site Address 1420 162nd Ave.
   City San Leandro CA Zip 94578 Phone (510) 276-9211
3. Mailing Address 1420 162nd Ave.
   City San Leandro CA Zip 94578 Phone (510) 276-921
4. Property Owner Ms. Betty Puckett
   Business Name (if applicable) L&D Scaffold, Inc.
   Address 18153 Plymouth Dr.
   City, State Castro Valley CA Zip 94546
5. Generator name under which tank will be manifested
   L&D Scaffold

   EPA ID# under which tank will be manifested C A C O O 2 1 7 8 5 6

white -env.health
yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy.
Suite 250
Alameda, CA 94502-6577
(510) 567-6700

Hazardous Materials Inspection Form

II,III

Site ID # 4140 Site Name LTD Scaffold Today's Date 10/25/99

Site Address 1420 162nd Ave

City San Leandro Zip 94577 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

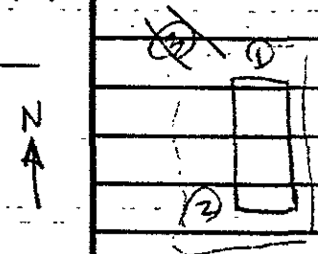
0% O2

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

Comments:

GW at ~8' bgs UST is [illegible] (in good [illegible] condition - Same [illegible] along North end of [illegible]

① Soil sample from N wall ~6-7' bgs, clay, no noticeable HC odor



② SS from SW corner - clay w/ no obvious HC odor ~7' bgs

③ SS from below dispenser ~ 1.5' bgs - no odor

Water sampled before tank was removed, no sheen in water vials.

Analyze soil + GW for TPHg, BTEX, MtBE + Total Pb. If MtBE is detected w/ Method 8020, confirm w/ 8260.

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)

II.B ACUTELY HAZ. MAT'LS

___	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 gndwater
One time soils
3) Daily Vadose
One time soils
Annual tank test
4) Monthly Gndwater
One time soils
5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
6) Daily Inventory
Annual tank testing
Cont pipe leak det
7) Weekly Tank Gauge
Annual tank tstng
8) Annual Tank Testing
Daily Inventory
9) Other ______

___	7. Precis Tank Test Date: ______	2643
___	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 Date ______	2711
___	14 As Built Date ______	2635

Rev 6/88

Contact: Tim Babcock
Title: President EBS
Signature: [signature]

Inspector: Eva Chu
Signature: [signature]

94-1491

Acfd form FP-2 (2/7/99)

ALAMEDA COUNTY FIRE DEPARTMENT
FIRE PREVENTION BUREAU

William J. McCammon, Fire Chief

NON-FIRE SYSTEM PLAN REVIEW APPLICATION
OCCUPANCY INSPECTION REQUEST

[ ] City of Dublin [ ] City of San Leandro [X] Unincorporated Alameda County

A COPY OF THIS APPLICATION SHALL BE INCLUDED WITH RESUBMITTALS

PROJECT/BUSINESS NAME L+D Scaffold DATE 10-20-99

PROJECT/INSP ADDRESS 1420 162nd Ave CITY San Leandro

CONTACT NAME Betty Puckett PHONE 510 276-9211

ADDRESS/CITY/STATE/ZIP 18153 Plymouth Dr Castro valley 94546

PLAN REVIEW IS FOR tank removal

TYPE OF INSPECTION NEEDED tank removal

INSPECTION IS REQUIRED FOR A: [ ] FIRE PERMIT [ ] STATE LICENSE [ ] POLICE/SHERIFF PERMIT [ ] BUSINESS LICENSE [ ] SELL/BUY PROPERTY [ ] USE PERMIT [ ] INSURANCE [ ] OTHER

CONTRACTOR *(IF APPLICABLE)* **ATTACH COPY OF WORKERS COMP & BUSINESS LICENSE**

COMPANY NAME Reese Construction LICENSE TYPE/NUMBER Haz 738538

ADDRESS/CITY/STATE/ZIP 18275 Bollinger Canyon Rd San Ramon 94583

CONTACT PERSON Ben Reese PHONE/FAX 510 410 1255 -

[X] **BUSINESS OWNER** [ ] **BUILDING OWNER**

NAME L+D Scaffold PHONE/FAX 510-276-9211

ADDRESS/CITY/STATE/ZIP 18153 Plymouth Dr castro valley 94546

PLAN DESIGNER *(IF APPLICABLE)*

COMPANY NAME N/A LICENSE TYPE/NUMBER

ADDRESS/CITY/STATE/ZIP

CONTACT PERSON PHONE/FAX

BUILDING INFORMATION *(Assure information is accurate)*

Proposed Use Occ. Class Assessor Parcel #

Current Use Occ. Class Parcel/Tract Map #

Roof Covering Fire Rating UBC Const. Class

Existing Gross Square Footage New Gross Square Footage No. Stories Height

Existing Systems: [ ] Fire Alarm; [ ] Standpipes; [ ] Fire Sprinklers ( )13 ( )13R ( )13D); [ ]

APPROVALS/FEES (Fire Department to complete this section)

Deposit $	Date Paid	Balance Due $ 80.00 Date Pd 10-21-99
Reject Date/By	Reject Date/By	Reject Date/By
App. Notified	App Notified	App Notified
Resub Date	Resub Date	Resub Date
APPROVED BY/ DATE R.B. 10-21-99		App Notified

RECEIVED DATE: 10/21/99 DUE DATE:

TOTAL P.02

APPENDIX C:
WASTE MANIFESTS

Form designated for use in the [illegible] per

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	Information in the shaded areas is not required by Federal law
CA[illegible]7356	19 34		

3. Generator's Name and Mailing Address
L&D scaffold
1430 162nd Ave
San Leandro, Ca 94

4. Generator's Phone (510) 276-7211

5. Transporter 1 Company Name
AMERICAN VALLEY WASTE OIL

6. US EPA ID Number
[illegible]

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
INDUSTRIAL SERVICE OIL CO INC
[illegible] SOTO ST
LA, CA 90023

10. US EPA ID Number
[illegible]

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No	12 Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. NON-RCRA HAZARDOUS WASTE LIQUID (OILY WATER)	001	TT	00135	G
b.				
c.				
d.				

[redacted]

15. Special Handling Instructions and Additional Information
GLOVES
EMERGENCY PHONE 209-667-8857

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

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

Printed/Typed Name	Signature	Month	Day	Year
		10	25	9[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Levi Huber	Steve Hu	10	25	9[illegible]

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

DO NOT WRITE BELOW THIS LINE.

GENERATOR

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

[illegible]-91[illegible]

DTSC 8022A (1/99)
EPA 8700-22

[illegible] GENERATOR'S COPY

Please print or type. Form designed for use on elite (12-pitch) typewriter.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC002111976 Manifest Document No. 17915 K

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
L & D Scaffold
#12 1620 Adams
San Leandro, CA 94578

4. Generator's Phone (510) 276-9241

5. Transporter 1 Company Name
Ecology Control Industries

6. US EPA ID Number
CAD982030173

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
ECOLOGY CONTROL INDUSTRIES
255 PARR BLVD
RICHMOND CA 94801

10. US EPA ID Number
CAD009466898

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	State / EPA/
a. WASTE EMPTY STORAGE TANK Ag. Associated Pipes NON RCRA HAZARDOUS WASTE SOLID	001	TP	05656	P	
b. UL 6x5					
c.					
d.					

15. Special Handling Instructions and Additional Information
Wear proper protective equipment while handling. Weights or volumes are approximate.
24 Hour emergency telephone number:
24 Hour emergency contact: DOT ERG# 171

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

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

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	1	[illegible]	9[illegible]

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
[illegible]	[illegible]	1	25	99

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

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (4/97)
EPA 8700—22

Yellow GENERATOR RETAINS

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

GENERATOR

NON-HAZARDOUS WATER TRANSPORT FORM

0001

GENERATOR INFORMATION

L&D Scaffold Inc
1420 162nd Ave
San Leandro Ca

CUSTOMER INFORMATION

Environmental Bio-Systems

PO # 158-537A

DESCRIPTION OF WATER: Excavation dewatering
NON-HAZARDOUS WASTE WATER, MONITORING WELL PURGE WATER AND/OR AUGER RINSATE, TANK RINSATE OR ABOVE DESCRIBED WATER. THIS WATER MAY CONTAIN DISSOLVED HYDROCARBONS. I CERTIFY THAT THE ABOVE NAMED MATERIAL IS A LIQUID EXEMPT FROM RCRA PER 40 CFR 261.4 (b)(10)AND DOES NOT MEET THE CRITERIA OF HAZARDOUS WASTE AS DESCRIBED IN 22 CCR ARTICLE 11 OR ANY OTHER APPLICABLE STATE LAW, HAS BEEN PROPERLY DESCRIBED, CLASSIFIED AND PACKAGED AND IS IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO APPLICABLE REGULATIONS.

Dr. Don Puckett — Generator/Authorised Agent

Sign — date 10-26-99

SITE INFORMATION

1420 162nd Ave
San Leandro
Ca, 94578

GROSS	
TARE	
NET	
TOTAL GALLONS	4300

Calculated at 8.3465 per USG

TRANSPORTER INFORMATION

FOSS

Truck ID: 2042 / 3028

Driver: C.A. Sykes 10-26-99

Print full name & sign: James Fitch date 10 27 99

TIME OUT	
TIME IN	
TIME SPENT	

DISPOSAL FACILITY INFORMATION

Seaport Environmental
675 Seaport Boulevard
Redwood City, Ca 94063
Phone: (650) 364 1024

Approval Number: 901 - 875

Solids %Wt: 1%

pH: 7

Solids Surcharge $/USG

W 1144

Received by:
Print full name & sign: Maria [illegible] date 10/27/99

[illegible] NON-HAZARDOUS WASTE MANIFEST [illegible]

a. Generator Name: L & D SCAFFOLD, INC. b. Generating Location: SAME AS GENERATOR

c. Address: 1420 [illegible] AVENUE
SAN LEANDRO, CA 94578-2114

d. Address:

e. Phone No.: (510) 276-9211 BETTY

f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: L & D SCAFFOLD, INC.

h. Owner's Phone No.: Same as I(e)

i. BFI WASTE CODE: C A 4 0 5 1 0 2 8 9 9 0 2 3 2 5 Containers

j. Description of Waste: NON-HAZARDOUS SOIL

k. Quantity: 0 0 0 1 8 Units: Y No.: 0 1 TYPE: T

TYPE	
DM	METAL DRUM
DP	PLASTIC DRUM
B	BAG
BA	6 MIL. PLASTIC BAG or WRAP
T	TRUCK
O	OTHER

UNITS	
P	POUNDS
Y	YARDS
M^3	CUBIC METERS
Y^3	CUBIC YARDS
O	OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material 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; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

J. Smith — Generator Authorized Agent Name
[signature] — Signature
10 29 99 — Shipment Date

TRANSPORTER I

a. Name: DILLARD TRUCKING, INC.
b. Address: POB 579
BYRON, CA 94514
c. Driver Name/Title: R. CRAIGHEAD (PRINT/TYPE)
d. Phone No.: 925-634-6850 e. Truck No.: 491
f. Vehicle License No./State: 5J28172
Acknowledgement of Receipt of Materials.
g. [signature] — Driver Signature
10 29 99 — Shipment Date

TRANSPORTER II

h. Name:
i. Address:
j. Driver Name/Title: (PRINT/TYPE)
k. Phone No.: l. Truck No.:
m. Vehicle License No./State:
Acknowledgement of Receipt of Materials.
n. Driver Signature — Shipment Date

a. Site Name: BFI - VASCO ROAD SANITARY LANDFILL
c. Phone No.: (925) 447-0491
b. Physical Address: 4001 N. VASCO ROAD
LIVERMORE, CA 94550
d. Mailing Address: 4001 N. VASCO ROAD
LIVERMORE, CA 94550

e. Discrepancy Indication Space:

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

f. Name of Authorized Agent — [signature] Signature — 10 29 99 Receipt Date

JOB# 161/002

a. Shippers's* Name:
b. Shippers's* Phone No.:
c. Shippers's* Address:
d. Shippers's [illegible]

[illegible] marked, and labeled, and are in all respects in proper condition for transport by [illegible] according to applicable [illegible] and national governmental regulations.

[illegible]

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.
If waste is NOT asbestos waste, complete only Sections I, II and III.

No. 637203

SECTION I

a. Generator Name: L & D SCAFFOLD, INC.

b. Generating Location: SAME AS GENERATOR

c. Address: 1420 162nd AVENUE
SAN LEANDRO, CA 94578-2114

d. Address:

e. Phone No.: (510) 276-9211 BETTY

f. Phone No.:

If owner of the generating facility differs from the generator, provide:

g. Owner's Name: L & D SCAFFOLD, INC.

h. Owner's Phone No.: Same as I(e)

i. BFI WASTE CODE: CA 405 102899 02325 Containers

j. Description of Waste: NON-HAZARDOUS SOIL

k. Quantity: 00 0 | Units: Y | No.: 01 | TYPE: T

TYPE
DM - METAL DRUM
DP - PLASTIC DRUM
B - BAG
BA - 6 MIL. PLASTIC BAG or WRAP
T - TRUCK
O - OTHER

UNITS
P - POUNDS
Y - YARDS
M^3 - CUBIC METERS
Y^3 - CUBIC YARDS
O - OTHER

GENERATOR'S CERTIFICATION: I hereby certify that the above named material 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; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR Part 268 and is no longer a hazardous waste as defined by 40 CFR Part 261.

James Smith — Generator Authorized Agent Name

Signature

10/29/99 — Shipment Date

SECTION II

TRANSPORTER I

a. Name: Ken's Trucking

b. Address: 20390 Park Way
Castro Valley, CA. 94546

c. Driver Name/Title: Ken Kruk (PRINT/TYPE)

d. Phone No.: (510) 538-1466 e. Truck No.: K 1

TRANSPORTER II

h. Name:

i. Address:

j. Driver Name/Title: (PRINT/TYPE)

k. Phone No.: l. Truck No.:

APPENDIX D:
LABORATORY REPORTS
AND CHAIN OF CUSTODY DOCUMENTATION

Analytical Sciences

Report Date: October 25, 1999

Environmental Bio-Systems, Inc.
P.O. Box 7171
San Jose, CA 95150-7171
ATTN: Tim Babcock

LABORATORY REPORT

Project Name: **L & D Scaffold 158-539A**

Lab Project Number: **9102502**

This 6 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini, Ph.D.
Laboratory Director

PO Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA 94952
Fax: (707) 769-8093

TPH Gasoline in Soil Composite

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
4778	C1 A thru D Composite	TPH/Gasoline	ND	1.0
		MTBE	ND	0.025
		Benzene	ND	0.005
		Toluene	ND	0.005
		Ethyl Benzene	ND	0.005
		Xylenes	ND	0.015

Date Sampled: 10/25/99
Date Received: 10/25/99
Holding Time Met: Yes ✓ No ____

Date Analyzed: 10/25/99
Method: EPA 5030/8015M/8020

QC Batch #: 941

CA Lab Accreditation # 2118 / 2303

TPH Gasoline In Water

Lab #	Sample ID	Analysis	Result (ug/L)	RDL (ug/L)
4779	W1	TPH/Gasoline	2700 (1)	50
		Benzene	13	0.5
		Toluene	34	0.5
		Ethyl Benzene	3.4	0.5
		Xylenes	16	1.5

Date Sampled: 10/25/99 Date Analyzed: 10/25/99 QC Batch #: 943
Date Received: 10/25/99 Method: EPA 5030/8015M/8020
Holding Time Met: Yes ✓ No ____

(1) TPH Gasoline result consist primarily of MTBE.

Oxygenated Gasoline Additives by GC/MS In Water

Lab #	Sample ID	Compound Name	Result (ug/L)	RDL (ug/L)
4779	W1	tert-butyl alcohol (TBA)	ND	2000
		methyl tert-butyl ether (MTBE)	2600	100
		di-isopropyl ether (DIPE)	ND	100
		ethyl tert-butyl ether (ETBE)	ND	100
		tert-amyl methyl ether (TAME)	ND	100

Surrogates (ug/L)	Result (ug/L)	% Recovery	Acceptance Range (%)
dibromofluoromethane (50)	53.7	107	70 – 130

Date Sampled: 10/25/99 Date Analyzed 10/25/99 QC Batch # 943a
Date Received 10/25/99 Method EPA 8260M
Holding Time Met: Yes ✓ No ____

CA Lab Accreditation #: 2118 / 2303

LABORATORY
QUALITY ASSURANCE REPORT

QC Batch #: 941 **Lab Project #:** 9102502

Sample ID	Compound	Result (mg/kg)
MB	TPH/Gas	ND
MB	MTBE	ND
MB	Benzene	ND
MB	Toluene	ND
MB	Ethyl Benzene	ND
MB	Xylenes	ND

Sample #	Sample ID	Compound	Result (mg/kg)	Spike Level	% Recv.
4755	CMS	TPH/Gas		NS	
	CMS	Benzene	0.0243	0.0237	103
	CMS	Toluene	0.0238	0.0237	100
	CMS	Ethyl Benzene	0.0223	0.0237	94.1
	CMS	Xylenes	0.0687	0.0710	96.8

Sample #	Sample ID	Compound	Result (mg/kg)	Spike Level	% Recv.	RPD
4755	CMSD	TPH/Gas		NS		
	CMSD	Benzene	0.0253	0.0237	107	4.0
	CMSD	Toluene	0.0238	0.0237	100	0.0
	CMSD	Ethyl Benzene	0.0230	0.0237	97.0	3.1
	CMSD	Xylenes	0.0707	0.0710	99.6	2.9

MB = Method Blank; LCS = Laboratory Control Sample; CMS = Client Matrix Spike; CMSD = Client Matrix Spike Duplicate
NS = Not Spiked; OR = Over Calibration Range

CA Lab Accreditation #: 2118 / 2303

QC Batch #: 943 **Lab Project #:** 9102502

Sample ID	Compound	Result (ug/L)
MB	TPH/Gas	ND
MB	MTBE	ND
MB	Benzene	ND
MB	Toluene	ND
MB	Ethyl Benzene	ND
MB	Xylenes	ND

Sample ID	Compound	Result (ug/L)	Spike Level	% Recv.
LCS	TPH/Gas		NS	
LCS	Benzene	8.33	8.00	104
LCS	Toluene	7.98	8.00	99.8
LCS	Ethyl Benzene	7.95	8.00	99.4
LCS	Xylenes	22.4	24.0	93.3

Sample ID	Compound	Result (ug/L)	Spike Level	% Recv.	RPD
LCS	TPH/Gas		NS		
LCS	Benzene	7.86	8.00	98.2	5.8
LCS	Toluene	7.59	8.00	94.9	5.0
LCS	Ethyl Benzene	7.69	8.00	96.1	3.3
LCS	Xylenes	21.4	24.0	89.2	4.6

MB = Method Blank; LCS = Laboratory Control Sample; CMS = Client Matrix Spike; CMSD = Client Matrix Spike Duplicate
NS = Not Spiked; OR = Over Calibration Range

CA Lab Accreditation # 2118 / 2303

QC Batch #: 943a **Lab Project #:** 9102502

Sample ID	Compound	Result (ug/L)
MB	methyl tert-butyl ether (MTBE)	ND
MB	di-isopropyl ether (DIPE)	ND
MB	ethyl tert-butyl ether (ETBE)	ND
MB	tert-amyl methyl ether (TAME)	ND

Surrogate (ug/L)	Result (ug/L)	% Recovery	Acceptance Range (%)
dibromofluoromethane (50)	54.7	109	70 - 130

Sample ID	Compound	Result (ug/L)	Spike Level	% Recv.
LCS	methyl tert-butyl ether (MTBE)	53.3	48.0	111
LCS	di-isopropyl ether (DIPE)	52.0	48.0	108
LCS	ethyl tert-butyl ether (ETBE)	51.8	46.8	111
LCS	tert-amyl methyl ether (TAME)	98.3	86.4	114

Surrogate (ug/L)	Result (ug/L)	% Recovery	Acceptance Range (%)
dibromofluoromethane (50)	54.3	109	70 - 130

MB = Method Blank; LCS = Laboratory Control Sample; CMS = Client Matrix Spike; CMSD = Client Matrix Spike Duplicate
NS = Not Spiked; OR = Over Calibration Range

CA Lab Accreditation # 2116 / 2303

ENVIRONMENTAL BIO-SYSTEMS, INC.
Innovative Solutions for a Better Environment
P.O. Box 7171
San Jose, CA 95150-7171
(408) 979-8600

CHAIN OF CUSTODY

ADDITIONAL INSTRUCTIONS:

LAB PROJECT # 9102502 (RUSH)

Results Attn: Tim Babcock
MTBE Confirmation by 8260.
Total Pb for C1A-D and W1 to be run on normal TAT.

PROJECT NUMBER: 158-5394
CLIENT: LED Scaffold
SITE: 1420 162nd Ave.
San Leandro, CA

SAMPLE I.D.	MATRIX	NUMBER OF CONTAINERS	COMPOSITE	ANALYSES: TPH-g / BTEX / MTBE	ANALYSES: Total Pb	ANALYSES: ~~TPH-d~~	TIME COLLECTED	TURNAROUND	LAB SAMPLE #
S1	soil	1		X	X	~~X~~	2:25	Normal	
S2	↓	↓		X	X	~~X~~	3:00	↓	SEE LAB PROJECT # 9102501
S3	↓	↓		X	X	~~X~~	3:10	↓	
C1 A-D	soil	4	X	X	X	~~X~~	11:00	Same day	4778
W1	water	2		X	X		2:15	Same day	4779

DATE SAMPLING COMPLETED: 10/25/99

SAMPLING PERFORMED BY: Tim Babcock

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
	10/25/99	3:15			
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
			Marla A. Valentine Analytical Services.	10/25/99	3:15

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

Analytical Sciences

Report Date: October 27, 1999

Environmental Bio-Systems, Inc.
P.O. Box 7171
San Jose, CA 95150-7171
ATTN: Tim Babcock

LABORATORY REPORT

Project Name: **L & D Scaffold 158-539A**

Lab Project Number: **9102601**

This 3 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini, Ph.D.
Laboratory Director

PO Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA 94952
Fax: (707) 769-8000

Total Lead in Soil Composite

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
4778	C1 A thru D Composite	Lead (Pb)	6.8	4.0

Date Sampled:	10/25/99	Date Digested:	10/26/99	QC Batch #:	946
Date Received:	10/25/99	Date Analyzed:	10/26/99		
Method:	EPA 3050/7420				

CA Lab Accreditation # 2118 / 2303

LABORATORY
QUALITY ASSURANCE REPORT

QC Batch #: 946 **Lab Project #:** 9102601

Sample ID	Compound	Result (mg/kg)
MB	Lead (Pb)	ND

Sample #	Sample ID	Compound	Result (mg/kg)	Spike Level	% Recv.
4778 *	CMS	Lead (Pb)	64.8	56.8	102

Sample #	Sample ID	Compound	Result (mg/kg)	Spike Level	% Recv.	RPD
4778 *	CMSD	Lead (Pb)	63.1	56.8	99.1	2.7

*, Sample 4778 metal levels (mg/kg): Pb – 6.8

MB = Method Blank; LCS = Laboratory Control Sample; CMS = Client Matrix Spike; CMSD = Client Matrix Spike Duplicate
NS = Not Spiked; OR = Over Calibration Range

ENVIRONMENTAL BIO-SYSTEMS, INC.
Innovative Solutions for a Better Environment
P.O. Box 7171
San Jose, CA 95150-7171
(408) 979-8600

CHAIN OF CUSTODY

PROJECT NUMBER: 158-539A
CLIENT: LED Scaffold
SITE: 1420 162nd Ave.
San Leandro, CA

ADDITIONAL INSTRUCTIONS:

LAB PROJECT # ~~910250~~ 910260

Results Attn: Tim Babcock
MTBE Confirmation by 8260.
Total Pb for C1A-D and W1.
to be run on normal TAT.

SAMPLE I.D.	MATRIX	NUMBER OF CONTAINERS	COMPOSITE	ANALYSES: TPH-g/BTEX/MTBE	ANALYSES: Total Pb	TIME COLLECTED	TURNAROUND	LAB SAMPLE #
S1	soil	1		X	X	2:25	Normal	4775
S2	↓	↓		X	X	3:00	↓	4776
S3	↓	↓		X	X	3:10	↓	4777
C1A-D	soil	4	X	X	X	11:00	Same day	4778
W-1	water	2		X	X	2:15	Same day	4779

SAMPLE C1A-D LEAD ANALYSIS
SAMEDAY RUSH FOR T. BABCOCK
PHONE CALL ON 10/26/99

DATE SAMPLING COMPLETED: 10/25/99
SAMPLING PERFORMED BY: Tim Babcock

	DATE	TIME		DATE	TIME
RELEASED BY	10/25/99	3:15	RECEIVED BY		
RELEASED BY			RECEIVED BY		
RELEASED BY			RECEIVED BY	10/25/99	3:15

Marla A. Valentine
Analytical Sciences.

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

Analytical Sciences

Report Date: November 4, 1999

Environmental Bio-Systems, Inc.
P.O. Box 7171
San Jose, CA 95150-7171
ATTN: Tim Babcock

LABORATORY REPORT

Project Name: **L & D Scaffold 158-539A**

Lab Project Number: **9102501**

This 5 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini, Ph.D.
Laboratory Director

PO Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA 94952
Fax: (707) 769-935

TPH Gasoline in Soil

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
4775	S1	TPH/Gasoline	2.5 ①	1.0
		MTBE	2.5	1.0
		Benzene	ND	0.005
		Toluene	ND	0.005
		Ethyl Benzene	ND	0.005
		Xylenes	ND	0.015

Date Sampled: 10/25/99 Date Analyzed: 10/28/99 QC Batch #: 941
Date Received: 10/25/99 Method: EPA 5030/8015M/8020
Holding Time Met: Yes ✓ No ____

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
4776	S2	TPH/Gasoline	ND	1.0
		MTBE	0.037	0.025
		Benzene	ND	0.005
		Toluene	ND	0.005
		Ethyl Benzene	ND	0.005
		Xylenes	ND	0.015

Date Sampled: 10/25/99 Date Analyzed: 10/28/99 QC Batch #: 941
Date Received: 10/25/99 Method: EPA 5030/8015M/8020
Holding Time Met: Yes ✓ No ____

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
4777	S3	TPH/Gasoline	28 ①	1.0
		MTBE	28	5.0
		Benzene	2.2	0.005
		Toluene	ND	0.005
		Ethyl Benzene	ND	0.005
		Xylenes	ND	0.015

Date Sampled 10/25/99 Date Analyzed 10/28/99 QC Batch # 94
Date Received. 10/25/99 Method EPA 5030/8015M/8020
Holding Time Met: Yes ✓ No ____

① TPH Gasoline result consists primarily of MTBE.

Total Lead in Soil

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
4775	S1	Lead (Pb)	10	4.0

Date Sampled: 10/25/99
Date Received: 10/25/99
Method: EPA 3050/7420
Date Digested: 10/26/99
Date Analyzed: 10/26/99
QC Batch #: 946

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
4776	S2	Lead (Pb)	9.1	4.0

Date Sampled: 10/25/99
Date Received: 10/25/99
Method: EPA 3050/7420
Date Digested: 10/26/99
Date Analyzed: 10/26/99
QC Batch #: 946

Lab #	Sample ID	Analysis	Result (mg/kg)	RDL (mg/kg)
4777	S3	Lead (Pb)	11	4.0

Date Sampled: 10/25/99
Date Received: 10/25/99
Method: EPA 3050/7420
Date Digested: 10/26/99
Date Analyzed: 10/26/99
QC Batch #: 946

CA Lab Accreditation # 2118 / 2303

LABORATORY
QUALITY ASSURANCE REPORT

[redacted] Batch #: 941 Lab Project #: 9102501

Sample ID	Compound	Result (mg/kg)
MB	TPH/Gas	ND
MB	MTBE	ND
MB	Benzene	ND
MB	Toluene	ND
MB	Ethyl Benzene	ND
MB	Xylenes	ND

[redacted]

Sample ID	Compound	Result (mg/kg)	Spike Level	% Recv.
CMS	TPH/Gas		NS	
CMS	Benzene	0.0243	0.0237	103
CMS	Toluene	0.0238	0.0237	100
CMS	Ethyl Benzene	0.0223	0.0237	94.1
CMS	Xylenes	0.0687	0.0710	96.8

[redacted]

Sample ID	Compound	Result (mg/kg)	Spike Level	% Recv.	RPD
CMSD	TPH/Gas		NS		
CMSD	Benzene	0.0253	0.0237	107	4.0
CMSD	Toluene	0.0238	0.0237	100	0.0
CMSD	Ethyl Benzene	0.0230	0.0237	97.0	3.1
CMSD	Xylenes	0.0707	0.0710	99.6	2.9

[redacted] Blank; LCS = Laboratory Control Sample; CMS = Client Matrix Spike; CMSD = Client Matrix Spike Duplicate
NS = Not Spiked; OR = Over Calibration Range

CA Lab Accreditation # 2118 / 2303

QC Batch #: 946 **Lab Project #:** 9102501

Sample ID	Compound	Result (mg/kg)
MB	Lead (Pb)	ND

Sample #	Sample ID	Compound	Result (mg/kg)	Spike Level	% Recv.
4778 *	CMS	Lead (Pb)	64.8	56.8	102

Sample #	Sample ID	Compound	Result (mg/kg)	Spike Level	% Recv.	RPD
4778 *	CMSD	Lead (Pb)	63.1	5638	99.1	2.7

* Sample 4778 metal levels (mg/kg): Pb – 6.8

MB = Method Blank; LCS = Laboratory Control Sample; CMS = Client Matrix Spike; CMSD = Client Matrix Spike Duplicate
NS = Not Spiked; OR = Over Calibration Range

CA Lab Accreditation # 2118 / 2303

ENVIRONMENTAL BIO-SYSTEMS, INC.
Innovative Solutions for a Better Environment
P.O. Box 7171
San Jose, CA 95150-7171
(408) 979-8600

CHAIN OF CUSTODY

PROJECT NUMBER: 158-539A
CLIENT: LED Scaffold
SITE: 1420 162nd Ave.
San Leandro, CA

ANALYSES: TPHg/BTEX/MTBE; Total Pb

SAMPLE I.D.	MATRIX	NUMBER OF CONTAINERS	COMPOSITE	TIME COLLECTED	TURNAROUND	LAB SAMPLE #
S1	Soil	1		2:25	Normal	4775
S2	↓	↓		3:00	↓	4776
S3	↓	↓		3:10	↓	4777
C1 A-D	Soil	1	X	11:00	Same day	4778
W1	water	2		2:15	Same day	4779

cancel per Ti Babcock.

DATE SAMPLING COMPLETED: 10/25/99
SAMPLING PERFORMED BY: Tim Babcock

ADDITIONAL INSTRUCTIONS:
LAB PROJECT # 9902501
Results Attn: Tim Babcock
MTBE Confirmation by 8260
Total Pb for C1 A-D and W1 to be run on normal TAT.

	DATE	TIME		DATE	TIME
RELEASED BY	10/25/99	3:15	RECEIVED BY		
RELEASED BY			RECEIVED BY		
RELEASED BY			RECEIVED BY	10/25/99	3:15

Marla A. Valentine
Analytical Services.

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

Analytical Sciences

Report Date: November 4, 1999

Environmental Bio-Systems, Inc.
P.O. Box 7171
San Jose, CA 95150-7171
ATTN: Tim Babcock

LABORATORY REPORT

Project Name: **L & D Scaffold 158-539A**

Lab Project Number: **9102701**

This 4 page report of analytical data has been reviewed and approved for release.

Mark A. Valentini

Mark A. Valentini, Ph.D.
Laboratory Director

PO Box 750336
Petaluma, CA 94975-0336
Telephone: (707) 769-3128

110 Liberty Street
Petaluma, CA 94952
Fax: (707) 769-8033

TPH Gasoline in Water

Lab #	Sample ID	Analysis	Result (ug/L)	RDL (ug/L)
4780	W2	TPH/Gasoline	1,300 ①	50
		MTBE	1,300	250
		Benzene	ND	0.5
		Toluene	2.1	0.5
		Ethyl Benzene	ND	0.5
		Xylenes	1.6	1.5

Date Sampled: 10/26/99 Date Analyzed: 10/27/99 QC Batch #: 949
Date Received: 10/27/99 Method: EPA 5030/8015M/8020
Holding Time Met: Yes ✓ No ____

① TPH Gasoline result consists primarily of MTBE.

Total Lead in Water

Lab #	Sample ID	Analysis	Result (mg/L)	RDL (mg/L)
4780	W2	Lead (Pb)	ND	0.20

Date Sampled: 10/26/99 Date Digested: 10/27/99 QC Batch #: 948
Date Received: 10/27/99 Date Analyzed: 11/02/99
Method: EPA 3050/7420

CA Lab Accreditation # 2116 / 2303

LABORATORY
QUALITY ASSURANCE REPORT

QC Batch #: 949 **Lab Project #:** 9102701

Sample ID	Compound	Result (ug/L)
MB	TPH/Gas	ND
MB	MTBE	ND
MB	Benzene	ND
MB	Toluene	ND
MB	Ethyl Benzene	ND
MB	Xylenes	ND

Sample #	Sample ID	Compound	Result (ug/L)	Spike Level	% Recv.
4774	CMS	TPH/Gas		NS	
	CMS	Benzene	7.92	8.00	99.0
	CMS	Toluene	7.62	8.00	95.2
	CMS	Ethyl Benzene	7.33	8.00	91.6
	CMS	Xylenes	21.6	24.0	91.2

Sample #	Sample ID	Compound	Result (ug/L)	Spike Level	% Recv.	RPD
4774	CMSD	TPH/Gas		NS		
	CMSD	Benzene	8.25	8.00	103	4.1
	CMSD	Toluene	7.93	8.00	99.1	4.0
	CMSD	Ethyl Benzene	7.83	8.00	97.9	6.6
	CMSD	Xylenes	22.7	24.0	94.6	5.0

MB = Method Blank; LCS = Laboratory Control Sample; CMS = Client Matrix Spike; CMSD = Client Matrix Spike Duplicate
NS = Not Spiked; OR = Over Calibration Range

CA Lab Accreditation # 2118 / 2303

QC Batch #: 948 **Lab Project #:** 9102701

Sample ID	Compound	Result (mg/L)
MB	Lead (Pb)	ND

Sample #	Sample ID	Compound	Result (mg/L)	Spike Level	% Recv.
4771	CMS	Lead (Pb)	0.96	1.00	96.0

Sample #	Sample ID	Compound	Result (mg/L)	Spike Level	% Recv.	RPD
4771	CMSD	Lead (Pb)	0.97	1.00	97.0	1.0

MB = Method Blank; LCS = Laboratory Control Sample; CMS = Client Matrix Spike; CMSD = Client Matrix Spike Duplicate
NS = Not Spiked; OR = Over Calibration Range

CA Lab Accreditation # 2118 / 2303

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San Jose, CA 95150-7171
(408) 979-8600

CHAIN OF CUSTODY

ADDITIONAL IN

LAB PROJECT # 4712701

PROJECT NUMBER	158-539A
CLIENT	L+D SCAFFORD
SITE	1420 162ND AVE SAN LEANDRO, CA

SAMPLE I.D.	MATRIX	NUMBER OF CONTAINERS	COMPOSITE	ANALYSES: TPH-G+BTEX+MTBE	ANALYSES: TPH-D	TIME COLLECTED	TURNAROUND	LAB SAMPLE #
W2	H_2O	3		X	X	11:40	STANDARD	4780

DATE SAMPLING COMPLETED: 10 / 26 / 99

SAMPLING PERFORMED BY: DANE A. SADOFF

RELEASED BY: Dane A. Sadoff	DATE: 10/26/99	TIME: 13:44	RECEIVED BY: Heather A. Allen	DATE: 10/27/99	TIME: 10:25
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #
AIRBORNE EXPRESS	10/26/99	17:00	4464473580

APPENDIX E:
UNAUTHORIZED RELEASE REPORT

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

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

FOR LOCAL AGENCY USE ONLY — I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRICT LIST SHOWN ON THE REVERSE SIDE OF THIS FORM. NAME: DATE:

REPORT DATE: 1/10/3/99 — CASE #:

REPORTED BY

NAME OF INDIVIDUAL FILING REPORT: Tim Babcock — PHONE: (408) 979-8600 — SIGNATURE:

REPRESENTING: ☒ OWNER/OPERATOR ☐ REGIONAL BOARD ☐ LOCAL AGENCY ☐ OTHER _____ — COMPANY OR AGENCY NAME: Environmental Bio-Systems, Inc.

ADDRESS: P.O. Box 7171 (STREET) — CITY: San Jose — STATE: CA — 95150

RESPONSIBLE PARTY

NAME: L&D Scaffold ☐ UNKNOWN — CONTACT PERSON: Ms. Betty Puckett — PHONE: (510) 276-9211

ADDRESS: 1420 162nd Ave. (STREET) — CITY: San Leandro — STATE: CA — 94578

SITE LOCATION

FACILITY NAME (IF APPLICABLE): L&D Scaffold — OPERATOR: — PHONE: (510) 276-9211

ADDRESS: 1420 162nd Ave. (STREET) — CITY: San Leandro — COUNTY: CA — 94578

CROSS STREET: 14th Street

IMPLEMENTING AGENCIES

LOCAL AGENCY — AGENCY NAME: Alameda County HCSA — CONTACT PERSON: Ms. Eva Chu — PHONE: (510) 6567-6762

REGIONAL BOARD: San Francisco Bay — PHONE: ( )

SUBSTANCES INVOLVED

(1) NAME: Unleaded Gasoline — QUANTITY LOST (GALLONS): _____ ☒ UNKNOWN

(2) NAME: _____ _____ ☐ UNKNOWN

DISCOVERY/ABATEMENT

DATE DISCOVERED: 10/26/99 — HOW DISCOVERED: ☐ INVENTORY CONTROL ☐ SUBSURFACE MONITORING ☐ NUISANCE CONDITIONS ☐ TANK TEST ☒ TANK REMOVAL ☐ OTHER _____

DATE DISCHARGE BEGAN: ☒ UNKNOWN

HAS DISCHARGE BEEN STOPPED? ☒ YES ☐ NO IF YES, DATE: 10/26/99

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

SOURCE/CAUSE

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

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

CASE TYPE

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

CURRENT STATUS

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

REMEDIAL ACTION

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

COMMENTS

HSC 06 (5/92)