AMERICAN CONSTRUCTION & ENVIRONMENTAL SERVICES, INC
601-B First Street, Suite 23, Brentwood, CA 94513
(925) 516-5800 • (925) 516-5858 fax • www.acescorp.com

LETTER OF TRANSMITTAL

TO: Alameda County Environmental Health
Attn: Rob Weston
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
510-567-6781
510-337-9335 fax

DATE: June 20, 2006

PROJECT NO: 06317

FACILITY: Dublin Civic Center

LOCATION: 100 Civic Plaza
Dublin, CA

WE ARE SENDING YOU:

☐ INVOICES ☐ SPECIFICATIONS ☐ WORK ORDER ☐ REPORT

☐ ADDENDUM ☐ PLANS ☐ CHANGE ORDER X OTHER

COPIES	DATE	NUMBER	DESCRIPTION
1			Closure Report

☐ FOR SIGNATURE ☐ APPROVED AS SUBMITTED ☐ RESUBMIT ___ COPIES FOR APPROVAL

☐ FOR PAYMENT ☐ APPROVED AS NOTES ☐ SUBMIT ___ COPIES FOR DISTRIBUTION

☐ AS REQUESTED ☐ RETURNED FOR CORRECTIONS ☐ RETURN ___ CORRECTED PRINTS

☐ FOR APPROVAL ☐ FOR REVIEW AND COMMENT ☐ **FOR BIDS DUE** _____

☐ FOR APPROVAL AND RETURN ☐ FOR YOUR USE

Remarks: _____

Signed: D. Bailey Neff

TANK REMOVAL FOR THE CITY OF DUBLIN

Dublin Civic Center - 100 Civic Plaza - Dublin, CA 94568

CLOSURE REPORT
FOR
(1) 10,000 GALLON GASOLINE
UNDERGROUND STORAGE TANK

JUNE 2006

PREPARED FOR:

AMERICAN CONSTRUCTION
601 – B FIRST STREET
BRENTWOOD, CA 94513

PREPARED BY:

ENV AMERICA INCORPORATED
244 CALIFORNIA STREET, SUITE 500
SAN FRANCISCO, CA 94111

TABLE OF CONTENTS

1.0 INTRODUCTION

This report is about the removal of (1) empty 10,000 Gallon (out-of-service) underground storage tank located at 100 Civic Plaza in Dublin, California. The purpose of this report is to satisfy regulatory requirements surrounding removal and disposal of underground storage tanks. The contents of this report are based upon provisions promulgated by Title 40 Code of Federal Regulations, Part 280, Subsections 280.71 through 280.73 (40 CFR 280); Title 23 California Code of Regulations, Chapter 3, Subchapter 16, Article 7 – Removal Requirements (23 CCR, Chapter3); Health and Safety Code, Division 20, Chapter 6.5 This report is a narrative of events performed under the guidelines of the Tank Removal Permit issued by the Alameda County Department of Environmental Health, the Alameda Fire Department, the Bay Area Air Quality Management District and the State of California Regional Water Quality Control Board (RWQCB) "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Storage Tank Sites", August 10, 1990.

American Construction proposed to remove (1) double walled steel underground storage tank with a capacity of 10,000 gallons. The tank was removed and disposed of in accordance with guidelines established by the Regional Water Quality Control Board. The tank was purged and then certified "empty" prior to removal and transportation. The tank was taken out of service and there are no future plans to replace the tank at this time.

2.0 FACILITY DESCRIPTION

The City of Dublin has several properties within the city limits of Dublin. The fueling facility in question is located at 100 Civic Plaza within the City of Dublin, California.

3.0 TANK DESCRIPTION AND BACKGROUND

The tank is located within the front 1/3 of the enclosed fenced property on site. The tank is a double-walled steel, 10,000 Gallon storage tank. The tank was installed in or about **(1990)** and stored unleaded gasoline for fueling a fleet of city owned vehicles. The tank was equipped with a leak detection system.

Applications for tank removal activities were submitted and permits were obtained from the Alameda County Environmental Health Department, the Alameda Fire Department, and the Bay Area Air Quality Management District under their related Underground Storage Tank Programs. No other environmental permits are associated with the tank in question. State Permit application forms A and B were included. (Copies of Permits can be found in Appendix A)

The tank was cylindrical in shape, setting horizontally and measured 8 feet in diameter and was 27 feet in length. The tank rested on a bed of pea gravel, which also surrounded and covered the tank. The pea gravel was then covered by a bed of Class II aggregate base material over which a ten-inch (10") thick layer of concrete covered the tank on the surface with the fill port and tank piping man-ways extending through the concrete.

According to City of Dublin personnel, the tank (40 CFR 280.21 (b)) and spill/overfill prevention requirements (40 CFR 280.21 (d)) were in compliance and continued to be maintained in operating condition prior to the tank removal. The storage tank was taken out of service and drained of fuel to contain no more than 0.3 percent by weight of the total capacity for the UST system in accordance with 40 CFR 280.70 (a). The tanks **(have)** passed annual tank tightness tests.

Plans were assessed to upgrade the fueling system to meet current regulatory agency guidelines. However, due to the continued increased costs to maintain and upgrade the fueling system, it was subsequently decided to remove the system altogether.

4.0 CLOSURE PROCEDURES

American Construction obtained the proper permits for tank removal. (Copies of which can be found in Appendix A) American Construction & Environmental Services – is a Licensed General "A" Engineering Contractor (# 70214) with Hazardous Certification. (A copy of this California State Contractors Licenses can be found in Appendix B)

It is generally accepted that if the soil is discovered to be contaminated, that a limited over-excavation might be proposed to see if all the contaminated soil can be removed while the excavation is open. If however, contamination is determined to be extensive, a corrective action in accordance with the Regional Water Quality Control District will be initiated following the tank removal. Corrective actions at that point will be conducted under an Environmental Restoration Program (ERP) and may include further samples and analyses to determine the nature and extent of subsurface contamination. A corrective action plan and cleanup will be initiated if required by the Alameda County Environmental Health Department.

4.1 Tank Removal and Disposal

The following actions were taken during the tank removal:

- The construction site was barricaded and lined with caution tape to control pedestrian and vehicular traffic to keep the site clear for construction equipment and activities.

- Prior to removal and transport, the underground storage tank was triple rinsed by Ramos Environmental Services. Approximately 4" of residual gasoline was vacuum removed prior to removing rinsate generated from cleaning the tank. The liquids were transported under hazardous waste manifest to Ramos' state approved TSD facility for recycling/disposal. The tank vapors were then purged from the tank by placing 30 lbs. of dry ice per 1,000 Gallons volume in the tank. The vapor space inside each tank was then tested with an LEL meter to assure the tank was within acceptable county and DOT transportation requirements.

- All external tank surfaces and fittings were inspected for evidence of holes or leakage.

- Following tank inspection, the underground storage tank was placed on a licensed hazardous waste flatbed truck for transport to an approved hazardous waste facility for proper recycling/disposal under a signed hazardous waste manifest. (Copy of manifest can be found in Appendix C)

- All excavated surfaces were inspected for evidence of leakage. Evidence of leakage would include stained soil or areas of free product. The areas of excavations were restricted with barricades and caution tape.

- Visual inspections of the tank excavation including sidewalls and tank resting place were made by regulatory agencies for evidence of leakage.

- All tank openings and fittings were secured and/or sealed, except for one vented plug, during transport.

- During the removal of the tank, representative(s) of the Alameda County Health Department and Fire Department were on-site to observe and document activities being performed by the contractor.

- The Alameda County Fire Department was on site to monitor tank removal activities. This is consistent with the permit issued by both the Alameda Fire Department and the Alameda County Environmental Health Department.

- During removal of the tank, no visually contaminated soil was observed.

4.2 Sampling Procedures and Methods

The following procedures were followed for samples that were taken during the tank removal. All procedures will conform to the guidelines issued by the U.S. Environmental Protection Agency, the Regional Water Quality Control Board, San Francisco Bay Region, and the City of Berkeley, Toxics Management Division. These sampling procedures are summarized below.

- All samples required for tank and site closure were analyzed by an independent State certified laboratory. (AmeriSci – Los Angeles, California)

- Per RWQCB Tri-Regional Recommendations, a minimum of two samples were taken beneath the tank. These samples were located within 1 to 2 feet (0.3 – 0.6m) of the bottom at each end of the tank.

- No obviously stained areas were encountered. Groundwater was encountered under the southeast side of the tank.

- As per requirements, at least one representative sample of the groundwater was taken and submitted to a State-certified laboratory for analysis using accepted practices as outlined by the Regional Water Quality Control Board.

- The Alameda County Environmental Health Department was notified at least five (5) working days in advance of the tank removal, and was notified a minimum of 72 hours, in advance of any sampling so that its personnel could be present during the soil samplings.

- All samples were taken by American Construction Supervisor Dan Head.

- A formal chain-of-custody records was maintained and used for each sample and will be resubmitted with the sample results to the Alameda County Environmental Health Department.

- Based on knowledge of the tank's former contents, unleaded gasoline, the following laboratory analyses will be conducted:

Analytical Parameter	**Soil**	**Analytical Method Liquid**
Aromatic Volatiles (BTEX)	EPA Method 8260B	EPA Method 8620B
TPH-D (gasoline) Total Lead	EPA Method 8015 EPA Method 7420/3050B	EPA Method 8015 EPA Method 7420/3050B

4.3 Sampling Methodology

Soil Samples were collected from the native soil at a depth of between 1 to 2 feet (0.3-0.6m) below each end of the tank. Soil samples were collected by manually using a hand auger equipped with clean brass tubes, or by driving the tubes into an excavator/backhoe bucket of soil excavated from the designated locations.

All soil samples were retained in their metal sleeves, wrapped in aluminum foil or Teflon tape, capped with plastic end caps, placed in two zip-lock bags, taped and labeled, and placed on ice to preserve sample integrity. Formal, signed chain-of-custody records were maintained for each sample, in accordance with EPA accepted practices.

Sampling equipment was cleaned with trisodium phosphate (or other acceptable cleaning agent) between each sample to reduce the possibility of cross-contamination. Close visual inspections were made of the soil during the soil sampling effort.

Samples were taken to and analyzed by a State-certified laboratory on a normal (10-day) turnaround time period. (A copy of the analytical results can be found in Appendix D.

A copy of the analytical test results was also submitted to the Alameda County Department of Environmental Health for review as per requirement.

5.-1 Documentation

All field personnel directly involved with the tank removal were Occupational Safety and Health Administration Certified (40-hour Health and Safety Training). In addition, a Health and Safety Plan was kept on-site for reference in case of an emergency, the Health and Safety Plan included a list of emergency/contact phone numbers.

All permits and manifests associated with the tank's removal and disposal were kept for documentation of the tank removal. All samples were recorded with a chain-of-custody protocol and the results from those samples will be maintained for proper tank removal.

5.0 CLOSURE SCHEDULE

5.1 Backfill, Compaction and Resurfacing Activities

- Following tank removal and sampling activities, Alameda county Department of Environmental Health Services authorized backfilling of the site because it believed that there would be no need for over-excavation.
- Excavation site was backfilled with existing pea gravel material (from tank removal activities) to within 3' to 4' of grade
- Filter fabric was placed over pea gravel to minimize soil infiltration
- The remaining void was backfilled and compacted with class II aggregate base material to within 3" of grade;
- Compaction testing was performed by Korbmacher Engineering of Livermore, California as per contract requirement (Copies of compaction testing can be found in Appendix E)
- Site was resurfaced with 3" of asphalt to match existing contours and grade

6.0 LIST OF REFERENCES

- California Regional Water Quality Control Board, Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, August 10, 1992, and Appendix A, August 30, 1992.

- State Water Resources Control Board, California EPA, "Plain English Version:" California Underground Storage Tank Regulations, March 1993.

- US EPA, Office of Research and Development, Technical Aspects of Underground Storage Tank Closure, EPA/600/R-92/057, April 1992.

- US DOE, Office of Environmental Guidance, Regulated Underground Storage Tanks, June 1992

APPENDIX A

TANK REMOVAL PERMITS

Alameda County Fire Department
City of Dublin Division
Fire Prevention Bureau
(925) 833-6606
Fax (925) 829-9248

April 19, 2006

American Construction and Environmental Services, Inc.
613 First Street
Brentwood, CA 94513

Attn: Bailey Neff
or Dan Head

RE: 100 Civic Plaza, City of Dublin
Removal of underground tank and dispenser
Permit # F00-006-124

I have reviewed the application and have the following comments.

The permit is approved subject to the following conditions:

1. The work shall meet the requirements of the Alameda County Environmental Health Department.

2. Call (925) 833-6606, 48 hours in advance to schedule an inspection for the removal.

3. The work shall be done in accordance with the California Fire Code including the following:
   a. Remove all liquids from the tanks and piping.
   b. All associated piping shall be removed.
   c. The tank opening shall be capped or plugged, leaving a 1/8 or ¼ inch opening for pressure equalization.
   d. The tanks shall be purged and inerted prior to removal.
   e. Provide a minimum of two 80BC fire extinguishers on the site.

If you have any questions please call me at 925 833-6608.

Scott McMillan, Deputy Fire Marshal

You may pick-up your permit or we can mail it to you. Please advise

cc: Ginger Russell

516-5858

ALAMEDA COUNTY
DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 HARBOR BAY PARKWAY
ALAMEDA, CA 94502-6577
PHONE (510) 567-6700

UNDERGROUND STORAGE TANK CLOSURE PLAN

*** * * Complete closure plan according to instructions * * ***

1. Name of Business City of Dublin
   Business Owner or Contact Person (PRINT) Ginger Russell
2. Site Address 100 Civic Plaza
   City, State Dublin Zip 94568 Phone (925) 833-6630
3. Mailing Address 100 Civic Plaza
   City, State Dublin Zip 94568 Phone (925) 833-6630
4. Property Owner City of Dublin
   Business Name (if applicable) (Same)
   Address 100 Civic Plaza
   City, State Dublin Zip 94568 Phone (925) 833-6630
5. Generator name under which tank will be manifested
   City of Dublin
   EPA I.D. No. under which tank(s) will be manifested ----------
6. Contractor American Construction & Environmental Services
   Address 601-B First Street

City, State Brentwood Zip 94513 Phone (925) 516-5800

License Type A, B - Haz Cert. ID# 702214

7. Consultant (if applicable) ENV America Incorporated

Address 244 California Street, Suite 500

City, State San Francisco Zip 94111 Phone (415) 989-9933

8. Main Contact Person for Investigation (if applicable)

Name Richard Nickerson Title Director of Construction

Company ENV America Incorporated

Phone (415) 989-9933

9. Number of underground tanks being closed with this plan (1) one.

Length of piping being removed under this plan Approximately 15 LF

Total number underground tanks at this facility (confirmed with owner or operator) (1) one

10. State Registered Hazardous Waste Transporters/Facilities (See Instructions).

a) Product/Residual Sludge/Rinsate Transporter

Name Ecology Control Industries EPA I.D. No. CAD 981030173

Hauler License No. 1533 License Exp. Date 8/15/06

Address 255 Parr Blvd.

City, State Richmond, CA Zip 94801

b) Product/Residual Sludge/Rinsate Disposal Site

Name Bonic Environmental EPA I.D. No. CAD009452657

Address 2081 Bay Road

City, State E. Palo Alto, CA Zip 94303

c) Tank and Piping Transporter

Name Ecology Control Industries EPA I.D. No. CAD 981030173

Hauler License No. 1533 License Exp. Date 8/15/06

Address 255 Parr Blvd

City, State Richmond, CA Zip 94801

d) Tank and Piping Disposal Site

Name Ecology Control Industries EPA I.D. No. CAD009466392

Address 255 Parr Blvd.

City, State Richmond, CA Zip 94801

11. Sample Collector

Name American Construction & Environmental Services

Company Dan Head

Address 601-B First Street

City, State Brentwood, CA Zip 94513 Phone (925) 584-5026

12. Laboratory

Name Scientific Laboratories of California

Address 250 N. San Fernando Road (323) 223-9700

City, State Los Angeles, CA Zip 90065

State Certification No. _____

13. Have tank(s) or piping leaked in the past? Yes [ ] No [ ] Unknown [X]

If yes, describe: _____

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

Pressure wash piping and UST after removing residual fuel. Invert UST with 30lbs dry ice per 1,000 Gallons Volume.

Before tank(s) are pumped out and inerted, all associated piping must be flushed back into the tank(s). All accessible piping must then be removed. Inaccessible piping must be permanently plugged using grout.

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

15. Tank History and Sampling Information (See Instructions)

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Sample(s)
Capacity (gallons)	Use History include date last used (estimated)		
10,000 gals.	March 2006	Soil Groundwater if Present	UST - Each end 2' in Native Soil At Soil/water Interface Under dispenser 2' in native soil

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

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (estimated) 125 to 150 cy	Sampling Plan 1 Sample / 50 cy volume

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

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

If yes, explain reasoning _____

_____

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

16. Chemical methods and associated detection limits to be used for analyzing sample(s):

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits shall be followed.

See Table 2, Recommended Minimum Verification Analyses for Underground Tank Leaks.

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
Gasoline	TPH → GAS	5030/8020/8015	1.0 mg/kg
BTEX-Fuel Oxygenates		8260	.005 mg/kg
Total Lead		6010	5.0 mg/kg

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

18. Submit copy of Worker's Compensation Certificate

    Name of Insurer Republic Ind. of America 15687604

19. Submit Plot Plan (See Instructions)

20. Enclose Fee (See Instructions)

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

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

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

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

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Department of Environmental Health and that no work is to begin on this project until this closure plan has been approved.

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

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

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

CONTRACTOR INFORMATION

Name of Business American Construction & Environmental Services

Name of Individual Dan Head

Signature Dan Head Date 4-7-06

☒ PROPERTY OWNER OR [ ] MOST RECENT TANK OWNER (Check one)

Name of Business City of Dublin

Name of Individual Ginger Russell

Signature Ginger Russell Date 4/7/06

UNIFIED PROGRAM CONSOLIDATED FORM — **TANKS**

UNDERGROUND STORAGE TANKS - FACILITY

(one page per site) Page ____ of ____

TYPE OF ACTION (Check one item only) ☐ 1. NEW SITE PERMIT ☐ 3. RENEWAL PERMIT ☐ 5.CHANGE OF INFORMATION ☐ 7.PERMANENTLY CLOSED SITE ☐ 4. AMENDED PERMIT specify change local use only _____ ☒ 8. TANK REMOVED ☐ 6.TEMPORARY SITE CLOSURE 400

I. FACILITY / SITE INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3: City of Dublin

FACILITY ID#:

NEAREST CROSS STREET 401:

FACILITY OWNER TYPE 402: ☐ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☒ 4. LOCAL AGENCY/DISTRICT* ☐ 5. COUNTY AGENCY* ☐ 6. STATE AGENCY* ☐ 7. FEDERAL AGENCY*

BUSINESS TYPE 403: ☐ 1. GAS STATION ☐ 2. DISTRIBUTOR ☐ 3. FARM ☐ 4. PROCESSOR ☐ 5. COMMERCIAL ☒ 6. OTHER

TOTAL NUMBER OF TANKS REMAINING AT SITE 404:

Is facility on Indian Reservation or trustlands? 405: ☐ Yes ☒ No

*If owner of UST is a public agency: name of supervisor of division, section or office which operates the UST (This is the contact person for the tank records.) 406:

II. PROPERTY OWNER INFORMATION

PROPERTY OWNER NAME 407: City of Dublin

PHONE 408: (925) 833-6620

MAILING OR STREET ADDRESS 409: 100 Civic Plaza

CITY 410: Dublin

STATE 411: CA

ZIP CODE 412: 94568

PROPERTY OWNER TYPE 413: ☐ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☒ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☐ 6. STATE AGENCY ☐ 7. FEDERAL AGENCY

III. TANK OWNER INFORMATION

TANK OWNER NAME 414: City of Dublin

PHONE 415: (925) 833-6630

MAILING OR STREET ADDRESS 416: 100 Civic Plaza

CITY 417: Dublin

STATE 418: CA

ZIP CODE 419: 94568

TANK OWNER TYPE 420: ☐ 1. CORPORATION ☐ 2. INDIVIDUAL ☐ 3. PARTNERSHIP ☒ 4. LOCAL AGENCY / DISTRICT ☐ 5. COUNTY AGENCY ☐ 6. STATE AGENCY ☐ 7. FEDERAL AGENCY

IV BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER

TY (TK) HQ 44- ____ Call (916) 322-9669 if questions arise 421

V. PETROLEUM UST FINANCIAL RESPONSIBILITY

INDICATE METHOD(s) 422: ☒ 1. SELF-INSURED ☐ 2. GUARANTEE ☒ 3. INSURANCE ☐ 4. SURETY BOND ☐ 5. LETTER OF CREDIT ☐ 6. EXEMPTION ☒ 7. STATE FUND ☐ 8. STATE FUND & CFO LETTER ☐ 9. STATE FUND & CD ☐ 10. LOCAL GOVT MECHANISM ☐ 99. OTHER: .....

VI. LEGAL NOTIFICATION AND MAILING ADDRESS

Check one box to indicate which address should be used for legal notifications and mailing. Legal notifications and mailings will be sent to the tank owner unless box 1 or 2 is checked. 423: ☐ 1. FACILITY ☒ 2. PROPERTY OWNER ☐ 3. TANK OWNER

VII. APPLICANT SIGNATURE

Certification – I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF APPLICANT: Dan Head

DATE 424: 4-7-06

PHONE 425: (925) 516-5800

NAME OF APPLICANT (print) 426: Dan Head

TITLE OF APPLICANT 427: Project Manager

STATE UST FACILITY NUMBER (For local use only) 428:

1998 UPGRADE CERTIFICATE NUMBER (For local use only) 429:

UNIFIED PROGRAM CONSOLIDATED FORM — **TANKS**

UNDERGROUND STORAGE TANKS – TANK PAGE 1

(two pages per tank)

Page ___ of ___

TYPE OF ACTION (Check one item only) ☐ 1 NEW SITE PERMIT ☐ 4 AMENDED PERMIT ☐ 5 CHANGE OF INFORMATION ☐ 6 TEMPORARY SITE CLOSURE ☐ 7 PERMANENTLY CLOSED ON SITE ☐ 3 RENEWAL PERMIT (Specify reason – for local use only) (Specify reason – for local use only) ☒ 8 TANK REMOVED 430

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3 — City of Dublin

FACILITY ID: [redacted] 431

LOCATION WITHIN SITE (Optional) Within enclosed Parking Lot Area (Front)

(A scaled plot plan with the location of the UST system including buildings and landmarks shall be submitted to the local agency.)

I. TANK DESCRIPTION

TANK ID # 432	TANK MANUFACTURER 433	COMPARTMENTALIZED TANK ☐ Yes ☒ No 434
1		If "Yes", complete one page for each compartment.
DATE INSTALLED (YEAR/MO) 435	TANK CAPACITY IN GALLONS 436	NUMBER OF COMPARTMENTS 437
Apprx. 1990	10,000	1

ADDITIONAL DESCRIPTION (For local use only) 438

II. TANK CONTENTS

TANK USE 439
☒ 1. MOTOR VEHICLE FUEL (If marked complete Petroleum Type)
☐ 2. NON-FUEL PETROLEUM
☐ 3. CHEMICAL PRODUCT
☐ 4. HAZARDOUS WASTE (Includes Used Oil)
☐ 95. UNKNOWN

PETROLEUM TYPE 440
☒ 1a. REGULAR UNLEADED ☐ 2. LEADED ☐ 5. JET FUEL
☐ 1b. PREMIUM UNLEADED ☐ 3. DIESEL ☐ 6. AVIATION FUEL
☐ 1c. MIDGRADE UNLEADED ☐ 4. GASOHOL ☐ 99. OTHER . . . .

COMMON NAME (From Hazardous Materials Inventory page) 441 — CAS# (from Hazardous Materials Inventory page) 442

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) 443
☐ 1. SINGLE WALL ☐ 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER ☐ 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM ☐ 95. UNKNOWN
☒ 2. DOUBLE WALL ☐ 4. SIGNLE WALL IN VAULT ☐ 99. OTHER . . . .

TANK MATERIAL – primary tank (Check one item only) 444
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER . . . .

TANK MATERIAL – secondary tank (Check one item only) 445
☐ 1. BARE STEEL ☐ 3. FIBERGLASS / PLASTIC ☐ 5. CONCRETE ☐ 95. UNKNOWN
☐ 2. STAINLESS STEEL ☐ 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) ☐ 8. FRP COMPTIBLE W/100% METHANOL ☐ 99. OTHER . . . .
☐ 5. CONCRETE ☐ 10. COATED STEEL

TANK INTERIOR LINING OR COATING (Check one item only) ☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☐ 95. UNKNOWN 446 DATE INSTALLED 447
☐ 2 ALKYD LINING ☐ 4 PHENOLIC LINING ☒ 6 UNLINED ☐ 99 OTHER . . . . (For local use only)

OTHER CORROSION PROTECTION IF APPLICABLE (Check one item only) 448
☐ 1 MANUFACTURED CATHODIC PROTECTION ☐ 3 FIBERGLASS REINFORCED PLASTIC ☒ 95 UNKNOWN
☐ 4 IMPRESSED CURRENT ☐ 99 OTHER
☐ 2 SACRIFICIAL ANODE (For local use only) 448

SPILL AND OVERFILL (Check all that apply) YEAR INSTALLED 450 TYPE (local use only) 451
☒ 1 SPILL CONTAINMENT 1990 . . . . .
☒ 2 DROP TUBE 1990 . . . . .
☒ 3 STRIKER PLATE 1990 . . . . .

OVERFILL PROTECTION EQUIPMENT: YEAR INSTALLED 452
☒ 1 ALARM . . . . . ☐ 3 FILL TUBE SHUT OFF VALVE . . . . .
☐ 2 BALL FLOAT . . . . . ☐ 4 EXEMPT

IV. TANK LEAK DETECTION (A description of the monitoring program shall be submitted to the local agency.)

IF SINGLE WALL TANK (Check all that apply) 453
☐ 1 VISUAL (EXPOSED PORTION ONLY)
☐ 2 AUTOMATIC TANK GAUGING (ATG)
☐ 3 CONTINUOUS ATG
☐ 4 STATISTICAL INVENTORY RECONCILIATION (SIR) BIENNIAL TANK TESTING
☐ 5 MANUAL TANK GAUGING (MTG)
☐ 6 VADOSE ZONE
☐ 7 GROUNDWATER
☐ 8 TANK TESTING
☐ 99 OTHER . . . . .

IF DOUBLE WALL TANK OR TANK WITH BLADDER 454
(Check one item only)
☐ 1 VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2 CONTINUOUS INTERSTITIAL MONITORING
☐ 3 MANUAL MONITORING

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) 455	ESTIMATED QUANTITY OF SUBSTANCE REMAINING 456	TANK FILLED WITH INERT MATERIAL? 457
. . . . .	_____ gallons	☐ Yes ☐ No

UNIFIED PROGRAM CONSOLIDATED FORM — TANKS

UNDERGROUND STORAGE TANKS – TANK PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

Page __ of __

UNDERGROUND PIPING		ABOVEGROUND PIPING	
SYSTEM TYPE ☐ 1. PRESSURE ☒ 2. SUCTION ☐ 3. GRAVITY 458		☐ 1. PRESSURE ☐ 2. SUCTION ☐ 3. GRAVITY 459	
CONSTRUCTION ☐ 1. SINGLE WALL ☐ 3. LINED TRENCH ☐ 99. OTHER 460		☐ 1. SINGLE WALL ☐ 95. UNKNOWN 462	
MANUFACTURER ☒ 2. DOUBLE WALL ☐ 95. UNKNOWN		☐ 2. DOUBLE WALL ☐ 99. OTHER	
MANUFACTURER 461		MANUFACTURER 463	
☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE w/100% METHANOL		☐ 1. BARE STEEL ☐ 6. FRP COMPATIBLE W/100% METHANOL	
☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL ☐ Unknown		☐ 2. STAINLESS STEEL ☐ 7. GALVANIZED STEEL	
☐ 3. PLASTIC COMPATIBLE W/ CONTENTS ☐ 99. Other		☐ 3. PLASTIC COMPATIBLE W/ CONTENTS ☐ 8. FLEXIBLE (HDPE) ☐ 99. OTHER	
☒ 4. FIBERGLASS ☐ 8. FLEXIBLE (HDPE)		☐ 4. FIBERGLASS ☐ 9. CATHODIC PROTECTION	
☐ 5. STEEL W/COATING ☐ 9. CATHODIC PROTECTION 464		☐ 5. STEEL W/COATING ☐ 95. UNKNOWN 465	

VII. PIPING LEAK DETECTION (Check all that apply) (A description of the monitoring program shall be submitted to the local agency.)

UNDERGROUND PIPING

SINGLE WALL PIPING 466

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

CONVENTIONAL SUCTION SYSTEMS

☐ 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUNDPIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)

☐ a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS

☒ b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION

☐ c. NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION

☐ 16. ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

ABOVEGROUND PIPING

SINGLE WALL PIPING 467

PRESSURIZED PIPING (Check all that apply):

☐ 1. ELECTRONIC LINE LEAK DETECTOR 3.0 GPH TEST WITH AUTO PUMP SHUT OFF FOR LEAK, SYSTEM FAILURE, AND SYSTEM DISCONNECTION + AUDIBLE AND VISUAL ALARMS.

☐ 2. MONTHLY 0.2 GPH TEST

☐ 3. ANNUAL INTEGRITY TEST (0.1GPH)

☐ 4. DAILY VISUAL CHECK

CONVENTIONAL SUCTION SYSTEMS (Check all that apply)

☐ 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM

☐ 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)

SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):

☐ 7. SELF MONITORING

GRAVITY FLOW (Check all that apply):

☐ 8. DAILY VISUAL MONITORING

☐ 9. BIENNIAL INTEGRITY TEST (0.1 GPH)

SECONDARILY CONTAINED PIPING

PRESSURIZED PIPING (Check all that apply):

10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)

☐ a AUTO PUMP SHUT OFF WHEN A LEAK OCCURS

☐ b AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION

☐ c NO AUTO PUMP SHUT OFF

☐ 11. AUTOMATIC LEAK DETECTOR

☐ 12. ANNUAL INTEGRITY TEST (0.1 GPH)

SUCTION/GRAVITY SYSTEM

☐ 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS

EMERGENCY GENERATORS ONLY (Check all that apply)

☐ 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS

☐ 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)

☐ 16 ANNUAL INTEGRITY TEST (0.1 GPH)

☐ 17. DAILY VISUAL CHECK

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT DATE INSTALLED 468 . . . . .

☐ 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE

☒ 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS

☐ 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS

☐ 4. DAILY VISUAL CHECK

☐ 5. TRENCH LINER / MONITORING

☐ 6. NONE 469

IX. OWNER/OPERATOR SIGNATURE

I certify that the information provided herein is true and accurate to the best of my knowledge.

SIGNATURE OF OWNER/OPERATOR [signature] DATE 4/7/06 470

NAME OF OWNER/OPERATOR (print) Ginger Russell - City of Dublin TITLE OF OWNER/OPERATOR Admin. Analyst 472

Permit Number (For local use only) 473 ☐ Permit Approved (For local use only) Permit Expiration Date (For local use only) 475

APPENDIX B

CONTRACTOR LICENSES & CERTIFICATIONS

State of California

Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code
and the Rules and Regulations of the Contractors State License Board,
the Registrar of Contractors does hereby issue this license to:

AMERICAN CONSTRUCTION & ENVIRONMENTAL SERVICES INC

to engage in the business or act in the capacity of a contractor
in the following classification(s):

A - GENERAL ENGINEERING CONTRACTOR
HAZ - HAZARDOUS SUBSTANCES REMOVAL

State of California Department of Consumer Affairs

Witness my hand and seal this day,

December 11, 1997

Issued February 1, 1995

Reissued December 10, 1997

D Bailey Neff
Signature of Licensee

D Bailey Neff
Signature of License Qualifier

This license is the property of the Registrar of Contractors, is not transferrable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason. It becomes void if not renewed.

C. Lance Barnett
C. Lance Barnett, Ph.D.
Registrar of Contractors

Reassigned 702214
License Number

13L-24 (REV. 4-91) 91 87972

AUDIT NO 170198

STATE OF CALIFORNIA
STATE AND CONSUMER SERVICES AGENCY CONTRACTORS STATE LICENSE BOARD

Consumer Affairs

Building Quality

HAZARDOUS SUBSTANCES REMOVAL AND REMEDIAL ACTIONS CERTIFICATION

Pursuant to the provisions of Section 7058.7 of the Business and Professions Code, the Registrar of Contractors does hereby certify that the following qualifying person has successfully completed the hazardous substances removal and remedial actions examination.

Qualifier: DAVID BAILEY NEFF

License No.: 702214

Business Name: AMERICAN CONSTRUCTION & ENVIRONMENTAL SERVICES INC

WITNESS *my hand and official seal this* 3RD *day of* FEBRUARY 1997

Registrar of Contractors

13L-36 (4/96)

This certification is the property of the Registrar of Contractors, is not transferable, and shall be returned to the Registrar upon demand when suspended, revoked, or invalidated for any reason.

A- 7448

State Of California
CONTRACTORS STATE LICENSE BOARD
ACTIVE LICENSE

License 702214 CORP

AMERICAN CONSTRUCTION &
ENVIRONMENTAL SERVICES INC

C61/D28 A HAZ B

12/31/2007

APPENDIX C

MANIFEST COPIES

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

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAC010260250 — Manifest Document No. 246893 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address: City of Dublin, 100 Civic Plz, Dublin, Ca. 94568

4. Generator's Phone (925) 833-6630

A. State Manifest Document Number: 25046893

B. State Generator's ID:

5. Transporter 1 Company Name: Ecology Control Industries — 6. US EPA ID Number: CAD982030173 — C. State Transporter's ID [Reserved.] — D. Transporter's Phone: 510 235-1393

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

9. Designated Facility Name and Site Address: ECOLOGY CONTROL INDUSTRIES, 255 PARR BOULEVARD, RICHMOND CA 94801 — 10. US EPA ID Number: CAD009466392 — G. State Facility's ID — H. Facility's Phone: 510 235-1393

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Non-RCRA, Hazardous Waste, Solid (Empty Storage Tank (s))	001	TP	06000		State 512 / EPA/Other NONE
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above
a. QTY 1 Empty Storage Tanks # 33037
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. 99
b.
c.
d.

15. Special Handling Instructions and Additional Information
Wear appropriate protective equipment while handling. Weights or volumes are approximate.24 Hour emergency telephone # (800) 321-5479 ECI Dispatch. ECI Job# 52T3048
SITE ADDRESS : 100 civic Plz, Dublin, Ca. 94568

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.

GENERATOR — Printed/Typed Name: Ginger Russell — Signature: Ginger Russell — Month 05 Day 11 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials — Printed/Typed Name: John Salinas — Signature — Month 05 Day 11 Year 06

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: James Wilcox — Signature: James Wilcox — Month 05 Day 11 Year 06

DO NOT WRITE BELOW THIS LINE.

White: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 3000, Sacramento, CA 95812

DTSC 8022A (1/99)
EPA 8700—22

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

APPENDIX D

ANALYTICAL TESTING RESULTS

AmeriSci Los Angeles
24416 South Main Street, Suite 308
Carson, CA 90745
Phone 310-834-4868 / Fax 310-834-4772

Laboratory Report

Report Date: 5/22/2006
Workorder No.: 0605-00002

Customer: American Const. & Envir. Serv.
613 First Street Suite 23
Brentwood CA 94513-1322

Attention: Mr. Chris Lowery
Subject:

Sample: 001 **Description:** # 1 Under Dispenser
Collection Date: 05/01/2006 **Time:** 12:00:00PM **Received Date:** 05/02/2006 **Time:** 9:20:00AM
Matrix: SOLID

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
Solid, 8260B/5030B							
Dibromofluromethane (SU)	EPA Method 8260B	94.2	Percent		*AT	05/04/2006	
1,2-Dichloroethane (SU)	EPA Method 8260B	87.3	Percent		*AT	05/04/2006	
Toluene-d8 (SU)	EPA Method 8260B	102	Percent		*AT	05/04/2006	
Dichlorodifluoromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Vinyl chloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromomethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Trichlorofluoromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloroethylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
t-Butyl Alcohol (TBA)	EPA Method 8260B	<0.10	mg/kg	0.10	*AT	05/04/2006	
Methylene chloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
trans-1,2-Dichloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Methyl-tert-butyl-ether	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Di-Isopropyl Ether (DIPE)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
cis-1,2-Dichloroethylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromochloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloroform	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
2,2-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Ethyl-t-butyl ether (ETBE)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,1-Trichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Carbon Tetrachloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Benzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
t-Amyl Methyl Ether (TAME)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Dibromomethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Trichloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromodichloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
cis-1,3-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	

Certifications: CA ELAP: 2322 AIHA: 103530

PQL= Practical Quantitation Limit **MDL = Method Detection Limit**

AMERI SCI

Customer: American Const. & Envir. Serv.

Workorder No.: 0605-00002

Sample: 001 **Description:** # 1 Under Dispenser

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
trans-1,3-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,2-Trichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Toluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dibromoethane(EDB)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Dibromochloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Tetrachloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Ethylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
m,p-Xylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromoform	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Styrene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
o-Xylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,3-Trichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Isopropylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
n-Propylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
2-Chlorotoluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
4-Chlorotoluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3,5-Trimethylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
tert-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,4-Trimethlybenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
sec-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,4-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
n-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,4-Trichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Naphthalene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Hexachlorobutadiene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,3-Trichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Gasoline Range Organic, SO	8015M, FID, Purge & Trap	<1.0	mg/kg	1.0	*AT	05/04/2006	
TTLC for Lead Only							
Lead, Solid, AA	EPA SW-846 7420/3050B	<20	mg/kg	20	TN	05/11/2006	
Ethanol	8015M, FID, Direct Inject	<10	mg/Kg	10	*AT	05/15/2006	

Sample: 002 **Description:** # 2 Under Tank NE Side

Collection Date: 05/01/2006 **Time:** 12:00:00PM **Received Date:** 05/02/2006 **Time:** 9:20:00AM

Matrix: SO

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual

Certifications: CA ELAP: 2322 AIHA: 103530

PQL= Practical Quantitation Limit **MDL = Method Detection Limit**

AMERI SCI

Customer: American Const. & Envir. Serv.

Workorder No.: 0605-00002

Sample: 002 **Description:** # 2 Under Tank NE Side

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
Solid, 8260B/5030B							
Dibromofluromethane (SU)	EPA Method 8260B	94.3	Percent		*AT	05/04/2006	
1,2-Dichloroethane (SU)	EPA Method 8260B	91.8	Percent		*AT	05/04/2006	
Toluene-d8 (SU)	EPA Method 8260B	103	Percent		*AT	05/04/2006	
Dichlorodifluoromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Vinyl chloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromomethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Trichlorofluoromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloroethylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
t-Butyl Alcohol (TBA)	EPA Method 8260B	<0.10	mg/kg	0.10	*AT	05/04/2006	
Methylene chloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
trans-1,2-Dichloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Methyl-tert-butyl-ether	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Di-Isopropyl Ether (DIPE)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
cis-1,2-Dichloroethylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromochloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloroform	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
2,2-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Ethyl-t-butyl ether (ETBE)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,1-Trichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Carbon Tetrachloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Benzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
t-Amyl Methyl Ether (TAME)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Dibromomethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Trichloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromodichloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
cis-1,3-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
trans-1,3-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,2-Trichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Toluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dibromoethane(EDB)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Dibromochloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Tetrachloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Ethylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
m,p-Xylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromoform	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	

Certifications: CA ELAP: 2322 AIHA: 103530

PQL= Practical Quantitation Limit **MDL = Method Detection Limit**

Sample: 002 **Description:** # 2 Under Tank NE Side
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
Styrene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
o-Xylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,3-Trichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Isopropylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
n-Propylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
2-Chlorotoluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
4-Chlorotoluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3,5-Trimethylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
tert-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,4-Trimethlybenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
sec-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,4-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
n-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,4-Trichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Naphthalene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Hexachlorobutadiene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,3-Trichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Gasoline Range Organic, SO	8015M, FID, Purge & Trap	<1.0	mg/kg	1.0	*AT	05/04/2006	
TTLC for Lead Only							
Lead, Solid, AA	EPA SW-846 7420/3050B	<20	mg/kg	20	TN	05/11/2006	
Ethanol	8015M, FID, Direct Inject	<10	mg/Kg	10	*AT	05/15/2006	

Sample: 003 **Description:** # 3 Under Tank NW Side
Collection Date: 05/01/2006 **Time:** 12:00:00PM **Received Date:** 05/02/2006 **Time:** 9:20:00AM
Matrix: SOLID

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
Solid, 8260B/5030B							
Dibromofluromethane (SU)	EPA Method 8260B	93.9	Percent		*AT	05/04/2006	
1,2-Dichloroethane (SU)	EPA Method 8260B	91.6	Percent		*AT	05/04/2006	
Toluene-d8 (SU)	EPA Method 8260B	102	Percent		*AT	05/04/2006	
Dichlorodifluoromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Vinyl chloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromomethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Trichlorofluoromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloroethylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
t-Butyl Alcohol (TBA)	EPA Method 8260B	<0.10	mg/kg	0.10	*AT	05/04/2006	

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Customer: American Const. & Envir. Serv.

Workorder No.: 0605-00002

Sample: 003 **Description:** # 3 Under Tank NW Side

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
Methylene chloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
trans-1,2-Dichloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Methyl-tert-butyl-ether	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Di-Isopropyl Ether (DIPE)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
cis-1,2-Dichloroethylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromochloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloroform	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
2,2-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Ethyl-t-butyl ether (ETBE)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,1-Trichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Carbon Tetrachloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Benzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
t-Amyl Methyl Ether (TAME)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Dibromomethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Trichloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromodichloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
cis-1,3-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
trans-1,3-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,2-Trichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Toluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dibromoethane(EDB)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Dibromochloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Tetrachloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Ethylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
m,p-Xylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromoform	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Styrene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
o-Xylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,3-Trichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Isopropylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
n-Propylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
2-Chlorotoluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
4-Chlorotoluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3,5-Trimethylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
tert-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,4-Trimethlybenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	

Certifications: CA ELAP: 2322 AIHA: 103530

PQL= Practical Quantitation Limit **MDL = Method Detection Limit**

Sample: 003 **Description:** # 3 Under Tank NW Side
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
sec-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,4-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
n-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,4-Trichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Naphthalene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Hexachlorobutadiene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,3-Trichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Gasoline Range Organic, SO	8015M, FID, Purge & Trap	<1.0	mg/kg	1.0	*AT	05/11/2006	
TTLC for Lead Only							
Lead, Solid, AA	EPA SW-846 7420/3050B	<20	mg/kg	20	TN	05/11/2006	
Ethanol	8015M, FID, Direct Inject	<10	mg/Kg	10	*AT	05/15/2006	

Sample: 004 **Description:** # 4 Under Tank SE Side
Collection Date: 05/01/2006 **Time:** 12:00:00PM **Received Date:** 05/02/2006 **Time:** 9:20:00AM
Matrix: SO

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
Solid, 8260B/5030B							
Dibromofluromethane (SU)	EPA Method 8260B	94.2	Percent		*AT	05/04/2006	
1,2-Dichloroethane (SU)	EPA Method 8260B	92.1	Percent		*AT	05/04/2006	
Toluene-d8 (SU)	EPA Method 8260B	103	Percent		*AT	05/04/2006	
Dichlorodifluoromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Vinyl chloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromomethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Trichlorofluoromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloroethylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
t-Butyl Alcohol (TBA)	EPA Method 8260B	<0.10	mg/kg	0.10	*AT	05/04/2006	
Methylene chloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
trans-1,2-Dichloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Methyl-tert-butyl-ether	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1-Dichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Di-Isopropyl Ether (DIPE)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
cis-1,2-Dichloroethylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromochloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chloroform	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
2,2-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Ethyl-t-butyl ether (ETBE)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,1-Trichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	

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Customer: American Const. & Envir. Serv.

Workorder No.: 0605-00002

Sample: 004 **Description:** # 4 Under Tank SE Side

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
1,1-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Carbon Tetrachloride	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Benzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
t-Amyl Methyl Ether (TAME)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Dibromomethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Trichloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromodichloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
cis-1,3-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
trans-1,3-Dichloropropene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,2-Trichloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Toluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dibromoethane(EDB)	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3-Dichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Dibromochloromethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Tetrachloroethene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Chlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Ethylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
m,p-Xylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromoform	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Styrene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
o-Xylene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,3-Trichloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Isopropylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Bromobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
n-Propylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
2-Chlorotoluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
4-Chlorotoluene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3,5-Trimethylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
tert-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,4-Trimethlybenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
sec-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,3-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,4-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
n-Butylbenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,4-Trichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Naphthalene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Hexachlorobutadiene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
1,2,3-Trichlorobenzene	EPA Method 8260B	<0.01	mg/kg	0.01	*AT	05/04/2006	
Gasoline Range Organic, SO	8015M, FID, Purge & Trap	<1.0	mg/kg	1.0	*AT	05/04/2006	
TTLC for Lead Only							

Certifications: CA ELAP: 2322 AIHA: 103530

PQL= Practical Quantitation Limit MDL = Method Detection Limit

Sample: 004 **Description:** # 4 Under Tank SE Side
(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
Lead, Solid, AA	EPA SW-846 7420/3050B	<20	mg/kg	20	TN	05/11/2006	
Ethanol	8015M, FID, Direct Inject	<10	mg/Kg	10	*AT	05/15/2006	

Sample: 005 **Description:** # 5 Tank Pit Water
Collection Date: 05/01/2006 **Time:** 12:00:00PM **Received Date:** 05/02/2006 **Time:** 9:20:00AM
Matrix: WW

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
Aqueous, EPA 8260B/5030B							
Dibromofluromethane (SU)	EPA Method 8260B	92.4	Percent		*AT	05/08/2006	
1,2-Dichloroethane (SU)	EPA Method 8260B	95.4	Percent		*AT	05/08/2006	
Toluene-d8 (SU)	EPA Method 8260B	95.7	Percent		*AT	05/08/2006	
Dilution Factor	Dilution Factor				*AT	05/08/2006	
Dichlorodifluoromethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Chloromethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Vinyl chloride	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Bromomethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Chloroethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Trichlorofluoromethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,1-Dichloroethylene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
t-Butyl Alcohol (TBA)	EPA Method 8260B	<100	ug/L	100	*AT	05/08/2006	
Methylene chloride	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
trans-1,2-Dichloroethene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Methyl-tert-butyl-ether	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,1-Dichloroethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Diisopropyl Ether (DIPE)	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
cis-1,2-Dichloroethylene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Bromochloromethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Chloroform	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
2,2-Dichloropropane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Ethyl-t-Butyl Ether (ETBE)	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,1,1-Trichloroethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,2-Dichloroethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,1-Dichloropropene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Carbon tetrachloride	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Benzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
t-Amyl methyl ether (TAME)	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Dibromomethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,2-Dichloropropane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Trichloroethene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Bromodichloromethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
cis-1,3-Dichloropropene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
trans-1,3-Dichloropropene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,1,2-Trichloroethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	

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Customer: American Const. & Envir. Serv.

Workorder No.: 0605-00002

Sample: 005 **Description:** # 5 Tank Pit Water

(Continued)

Parameter	Method	Results	Units	PQL	Tech	Analysis Date	Qual
Toluene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,2-Dibromoethane(EDB)	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,3-Dichloropropane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Dibromochloromethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Tetrachloroethene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,1,1,2-Tetrachloroethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Chlorobenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Ethylbenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
m,p-Xylene	EPA Method 8260B	<10	ug/L	10	*AT	05/08/2006	
Bromoform	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Styrene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
o-Xylene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,1,2,2-Tetrachloroethane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,2,3-Trichloropropane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Isopropylbenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Bromobenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
n-Propylbenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
2-Chlorotoluene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
4-Chlorotoluene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,3,5-Trimethylbenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
tert-Butylbenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,2,4-Trimethlybenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
sec-Butylbenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,3-Dichlorobenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,4-Dichlorobenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,2-Dichlorobenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
n-Butylbenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,2-Dibromo-3-chloropropane	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,2,4-Trichlorobenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Naphthalene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Hexachlorobutadiene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
1,2,3-Trichlorobenzene	EPA Method 8260B	<5	ug/L	5	*AT	05/08/2006	
Gasoline Range Organic, AQ	8015M, FID, Purge & Trap	300	ug/L	200	*AT	05/04/2006	
TTLC for Lead Only							
Lead, Solid, AA	EPA SW-846 7420/3050B	<1.0	mg/L	1.0	TN	05/11/2006	
Ethanol	8015M, FID, Direct Inject	<10	ug/L	10	*AT	05/15/2006	

*AT: Subcontracted analyses performed by ATL, DHS #1838.

Certifications: CA ELAP: 2322 AIHA: 103530

PQL= Practical Quantitation Limit MDL = Method Detection Limit

AMERI SCI

Customer: American Const. & Envir. Serv.

Workorder No.: 0605-00002

To the best of my knowledge this report is true and accurate.

Authorized By: _____ Date: 3/22/06

Clifton J. Kiser, Laboratory Director

NOTE: All solid results are reported on a dry weight basis unless otherwise noted.

Certifications: CA ELAP: 2322 AIHA: 103530

PQL= Practical Quantitation Limit **MDL = Method Detection Limit**

2006-05-002

AMERICAN CONSTRUCTION & ENVIRONMENTAL SVCS.

613 First Street, Suite 23
Brentwood, CA 94513-1322
(925) 516-5800 FAX (925) 516-5858

CHAIN OF CUSTODY

DATE 5-1-06 WEATHER Clear PAGE 1 OF 1

LOCATION 100 Civic Plaza Dublin CA
SAMPLER SIGNATURE Dan Neal
PRINTED NAME Dan Neal
COMPANY NAME American Construction
LAB REPORT RECIPIENT Amerisci - Scientific Labs of CA
TELEPHONE NUMBER (310) 834-4868
ADDRESS 24416 S. Main St. # 308
CARSON CA 90745

SAMPLE ID#	TIME	WATER/SOIL	COMP/GRAB	VOLUME	Container Type	Number of Containers	Iced	Sampling Method	ANALYSES REQUESTED: TPHG & BTEX 8015 or 8260	BTEX 8260	EDB and EDC 8260	MTBE and oxygenates	Total LEAD AA	TPH-d 8015 or 5282
#1 Under Dispenser	10:05	Soil			Brass	1	Yes		X	X	X	X	X	X
#2 Under Tank NE Side	10:10	Soil			Brass	1	Yes		X	X	X	X		
#3 Under Tank NW Side	10:30	Soil			Brass	1	Yes		X	X	X	X		
#4 Under Tank SE Side	11:00	Soil			Brass	1	Yes		X	X	X	X		
#5 Tank pit water	11:30	Water			Glass	1	Yes		X	X	X	X	X	X

Precautions:

Sample Relinquished by	DATE	TIME	Sample Received by	DATE	TIME
Dan Neal	5-1-06	12:00		5/2/06	@ 0920
Company: American Construction			Company: Amerisci-LA		
Sample Relinquished by	DATE	TIME	Sample Received by	DATE	TIME
Company			Company		
Sample Relinquished by	DATE	TIME	Sample Received by	DATE	TIME
Company			Company		

COMMENTS
1 Cx

04/28/2006 08:07 9255165858 AMERICAN CONS PAGE 01/01

APPENDIX E

COMPACTION REPORTS

Korbmacher Engineering, Inc.
Geotechnical | Environmental | Material Testing | Special Inspection
480 Preston Court, Suite B, Livermore, CA 94551, P.O. Box 405, Livermore, CA 94551 Ph. 925.454.9033, Fax 925.464.9564

10 May 2006

Mr. Dan Head
American Construction
601B First Street, Suite 23
Brentwood, California 94513

Subject: **REPORT OF EARTHWORK OBSERVATION AND TESTING**
City of Dublin - Tank Excavation Backfill
100 Civic Plaza
Dublin, California
Project No. JH-631

Dear Mr. Head:

As requested, Korbmacher Engineering, Inc. (KEI) has provided testing and observation services during earthwork operations at the subject property. Our purpose was to test the tank excavation backfill to the minimum density recommendations provided by the City of Dublin.

Based on the results of field and laboratory tests, the specific earthwork materials tested by KEI for the tank excavation backfill at the time they were tested at the subject project meet the minimum density recommendation of 95 percent relative compaction provided by the City of Dublin.

Limitations

Our services were performed according to generally accepted engineering practices for the county area at the time this report was prepared. KEI's opinions and conclusions are based upon field observations made during KEI's period of onsite observation only, and the specific test results obtained from certain locations. KEI makes no representation, express or implied, and no warranty or guarantee is included or intended as to the professional opinion or recommendation provided. KEI does not guarantee construction, nor does KEI assume the contractor's primary responsibility to produce a completed project conforming to the project plans and specifications.

We appreciate being of service to you during the testing of earthwork materials phase of the project. If you have questions concerning this report or any of our testing services, please call at your earliest convenience.

Respectfully submitted,
KORBMACHER ENGINEERING, INC.

REGISTERED PROFESSIONAL ENGINEER
BRUNO KORBMACHER
C 045888
EXP. 12/31/06
CIVIL
STATE OF CALIFORNIA

Bruno Korbmacher, PE

Attachments: Tables I and II

Copies to: Addressee (1)
Ms. Ginger Russell (fax only)
City of Dublin - Public Works

Korbmacher Engineering, Inc.

Project No. JH-631
10 May 2006

TABLE I
LABORATORY TEST DATA

Soil Type	Description	Optimum Moisture, %	Maximum Dry Density, lbs/ft^3
1	IMPORT: Aggregate Base, Class 2, light gray (Vulcan, Pleasanton)	5.5	138.0

TABLE II
FIELD DENSITY TEST RESULTS

Date & Test No.	Test Location	Depth or Elevation, ft	Moisture Content, %	Dry Density lbs/ft³	Relative % Compaction	Soil Type
3 May 06	Tank Excavation Backfill (A.M. Visit)					
1	15' E. of gate	-4 ½	6.5	136.9	99	1
2	25' E. of gate	-4 ½	6.5	136.1	99	1
	(P.M. Visit)					
3	20' E. of gate	-3⅔	6.7	136.9	99	1
4	65' E. of gate	-3⅔	6.8	133.5	96	1
5	45' E. & 5' N. of gate	-3⅔	6.6	134.5	97	1

*Indicates failed test
**Indicates wet density calculation
FG indicates finished grade in structural areas
FSG indicates finished subgrade in pavement areas
AB indicates top of aggregate base layer for pavement section
AC indicates asphaltic concrete layer for pavement section

Korbmacher Engineering, Inc.

TABLE II
FIELD DENSITY TEST RESULTS

Date & Test No.	Test Location	Depth or Elevation, ft	Moisture Content, %	Dry Density lbs/ft^3	Relative % Compaction	Soil Type
4 May 06	Tank Excavation Backfill (1st Visit)					
1	15' E. of gate	-2⅔	6.7	137.1	99	1
2	40' E. & 10' N. of gate	-2⅔	6.1	132.9	96	1
3	65' E. of gate	-2⅔	5.9	136.0	98	1
	(2nd Visit)					
4	25' E. of gate	-2	7.3	133.5	97	1
5	50' E. of gate	-2	6.4	131.8	95	1
	(3rd Visit)					
6	20' E. of gate	-1	6.3	133.5	96	1
7	40' E. of gate	-1	6.1	132.2	96	1

*Indicates failed test
**Indicates wet density calculation
FG indicates finished grade in structural areas
FSG indicates finished subgrade in pavement areas
AB indicates top of aggregate base layer for pavement section
AC indicates asphaltic concrete layer for pavement section

Korbmacher Engineering, Inc.

TABLE II
FIELD DENSITY TEST RESULTS

Date & Test No.	Test Location	Depth or Elevation, ft	Moisture Content, %	Dry Density lbs/ft^3	Relative % Compaction	Soil Type
	(4th Visit)					
8	15' E. of gate	-¾	6.2	134.0	97	1
9	45' E. of gate	-¾	6.0	132.5	96	1
	(5th Visit)					
10	35' E. of gate	-3"	6.0	132.0	95	1

*Indicates failed test
**Indicates wet density calculation
FG indicates finished grade in structural areas
FSG indicates finished subgrade in pavement areas
AB indicates top of aggregate base layer for pavement section
AC indicates asphaltic concrete layer for pavement section