TERRY D. HAMILTON

General Engineering Contractor
State Contractor's License #339108 A, B, C-61, D-40, HAZ.
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UNDERGROUND STORAGE TANK

REMOVAL REPORT

JOBSITE ADDRESS:

THE SALVATION ARMY

601 WEBSTER STREET

OAKLAND, CA 94607

August 8, 2011

August 8, 2011

Mr. Keith Matthews
City of Oakland
Fire Prevention Bureau
250 Frank H. Ogawa Plaza, Suite 3341
Oakland, CA 94612

Subject: Underground Storage Tank Closure Report
The Salvation Army
601 Webster Street
Oakland, California

Dear Mr. Matthews:

Terry Hamilton, an engineering contractor, has prepared this report, in conjunction with ATC Associates, on behalf of The Salvation Army (TSA), describing underground fuel storage tank (UST) removal activities associated with the above referenced site. The purpose of the UST closure activities was to remove inactive USTs and determine whether any leakage had occurred by examining soils in the vicinity of the USTs and fuel dispensers.

Site Location

The site is located at 601 Webster Street in Oakland, California, as shown on **Figure 1**. Principal land use in the vicinity of the site consists of commercial properties including restaurants, a hotel, and several gas stations, as shown on **Figure 2**.

Background Information

The site is developed as a warehouse and distribution center for TSA. According to verbal information provided by TSA, one or more USTs were removed from the site in approximately 2000. A visual soil investigation was performed during the removal and before new USTs were installed, and the pit was aerated for an unknown period of time before two new USTs were installed.

In early 2010, TSA made the decision to discontinue on-site fueling operations and remove the USTs and dispenser equipment from the truck docks loading area.

Permitting

A UST Excavation Permit (**Attachment 1**) and associated fees was submitted to and approval granted by the Oakland Fire Department for the excavation and removal of two USTs at the site.

Excavation of the USTs and Former Dispenser Areas

Underground Service Alert (USA) was contacted to allow time for utility companies to identify underground lines, pipes, or cables that could be affected by the excavation activities.

The 10,000-gallon capacity UST formerly contained diesel and the 8,000-gallon capacity UST formerly contained gasoline. Both USTs were doubled walled with a primary tank and

secondary containment constructed of steel contained within a fiberglass outer shell. Both USTs were checked for the presence of petroleum products and triple rinsed prior to removal.

On November 2, 2010, the field activities began with the removal of concrete and exposure of the tops and sides of the USTS. The top of the 10,000-gallon UST was observed to be at an estimated elevation of 4-feet below grade surface and the bottom at 12-feet bgs. The top of the 8,000-gallon UST was observed to be at an estimated elevation of 4-feet below grade surface and the bottom at 12-feet bgs.

At the end of the first day of excavating, the soil at the North-West corner of the excavation at 12 feet bgs appeared impacted, being grey in color, and released an obvious odor when disturbed. A grab sample was collected in a brass tube and sealed for profiling purposes. The sample was placed in a cooler chilled with ice and transported under chain-of-custody documentation to State-certified Argon Laboratories (ELAP Cert. No. 2358) for analyses of total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd) utilizing EPA method 8015 modified and benzene, toluene, ethylbenzene, and xylenes (BTEX) utilizing EPA method 8021B. Results indicated an aged gasoline release had occurred with TPHg concentrations of 47 milligrams per kilogram (mg/kg) of soil, no diesel or benzene and slight concentrations of toluene, ethylbenzene, and xylenes. Analytical results are included as **Attachment 2**.

On November 22, 2010, Mr. Keith Matthews of City of Oakland Fire Prevention Bureau made an interim progress inspection of the removal operations of the USTs. A copy of Mr. Matthews' Hazardous Materials Inspection Report is included as **Attachment 3**. The two USTs were triple rinsed, and approximately 750 gallons of rinsate was removed from the USTs and was placed in clean 55-gallon D.O.T. steel drums for later disposal.

The USTs appeared to be in good condition, with no visible holes or signs of leakage. The USTs were deemed non-hazardous pursuant to Title 22 by Mr. John C. Edgar, of the firm Edgar Environmental, Inc., a N.F.P.A. Certified Marine Chemist, Registration #686. Mr. Edgar issued a Tank Cleanliness Certificate which is included as **Attachment 4**.

The UST removal activities resumed on November 23, 2010. ATC Associates Inc. (ATC), an environmental consulting firm, was subcontracted due to the obvious contamination conditions to make observations for a potential future remediation work plan, conduct field screening of contaminated soil and collect soil samples as directed by Mr. Matthews following removal of the USTs and dispensers. Jim Kundert of ATC arrived at the site at approximately 12:00 p.m.

At about 1:00 p.m., each UST was inerted by placing approximately 200 pounds of dry ice within each UST prior to their being removed from the UST pit with a crane. (**Photos 1 & 2**). The UST were then lifted onto a flatbed truck owned and operated by West Coast Equipment, 1221 S. Tegner Rd, Turlock, CA. (**Photo 3**). The decommissioned UST's were further modified for use as non-potable water storage tanks in a fire-suppression system or dust control application. A copy of the UST Disposal or Reuse Certification is included as **Attachment 5.**

At the conclusion of UST removal and excavation activities, the pit was approximately 35 feet long (northwest to southeast), approximately 20 feet wide (northeast to southwest), and approximately 14 feet deep.

The excavated soil on top and around the USTs was stockpiled near the pit. Mr. Kundert utilized a photo ionization detector (PID) calibrated to detect fuel range organics to qualify petroleum impacted soil. The excavated soil was confirmed as being contaminated with petroleum.

The soil from approximately 14 to 15 feet below ground surface (bgs) was visibly impacted, grey in color, and released an obvious petroleum motor fuel odor when disturbed. Below this interval the sandy soil color returned to the native light brown color but retained an odor to as deep as 17 feet bgs. **(Photos 4 & 5)**

Ten soil samples were collected into brass tubes, the ends of which were sealed with Teflon sheeting and capped, then placed on ice for transport to Argon Laboratories (ELAP Cert. #2359) in Ceres, California for analysis. Locations of soil samples collected during each phase of excavation are indicated on **Figure 3**. Six samples were collected from the bottom of the pit at 14 feet bgs, and an additional sample was collected from approximately 17 feet bgs. Two samples were collected from the excavated soil and one sample was collected from the loose soil that had collected in the bottom of the pit during UST removal and earlier sampling activity.

The steel product supply pipes were observed to be 3-feet bgs and extended 8-feet beyond the USTs with one 90 degree change of direction from the USTs to the respective single product dispensers. Both USTs, including all associated piping, and vent pipes were removed from where they were installed. Piping was decontaminated during the triple rinse process and recycled.

Bulldog Oil of California LLC CA HW Hauler ID #5711 of 5300 Claus Road, Bldg 11 Riverbank, CA 95367 removed the rinsate and transported it via HW Manifest to Riverbank Oil Transfer, LLC. Riverbank, Stanislaus County, California. The copy of the manifest is included as **Attachment 6.**

Backfill

On November 29, 2010, the excavation was backfilled, first with the soil that had been previously stockpiled during excavation activities. The balance of the excavation was filled to the surface with recycled concrete base rock. No excavated soil was shipped off site due to time and work space constraints that impaired shipping operations.

Soil Sampling and Analyses

Soil samples were placed in a cooler chilled with ice and transported by Jim Kundert of ATC under chain-of-custody documentation to Argon Laboratories for analyses. The soil samples were analyzed for total petroleum hydrocarbons as quantified as gasoline (TPHg) and total petroleum hydrocarbons quantified as diesel (TPHd) by EPA Method 8015M; and benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tertiary butyl ether (MTBE), ethyl tertiary butyl ether (ETBE) di-isopropyl ether (DIPE), tertiary amyl ether (TAME), tertiary butyl ether (TBA), 1,2-dichloroethane (1,2-DCA), and 1,2-dibromoethane (EDB) utilizing EPA Method

8260B. In addition, one sample from the bottom of the pit was analyzed for total lead by EPA Method 6010B.

Analytical Results
ATC submitted a total of ten excavation soil samples to Argon Laboratories in Ceres, California.

Results of the soil analyses are summarized in **Table 1**. Laboratory reports for the excavation are included in **Attachment 7**.

Discussion and Conclusion
Analyses of the soil samples collected following the UST removal indicate that soil impacted with gasoline is present from 14 feet bgs to at least 17 feet bgs, with visible discoloration present at 14 to 15 feet bgs across the entire area of the UST pit.

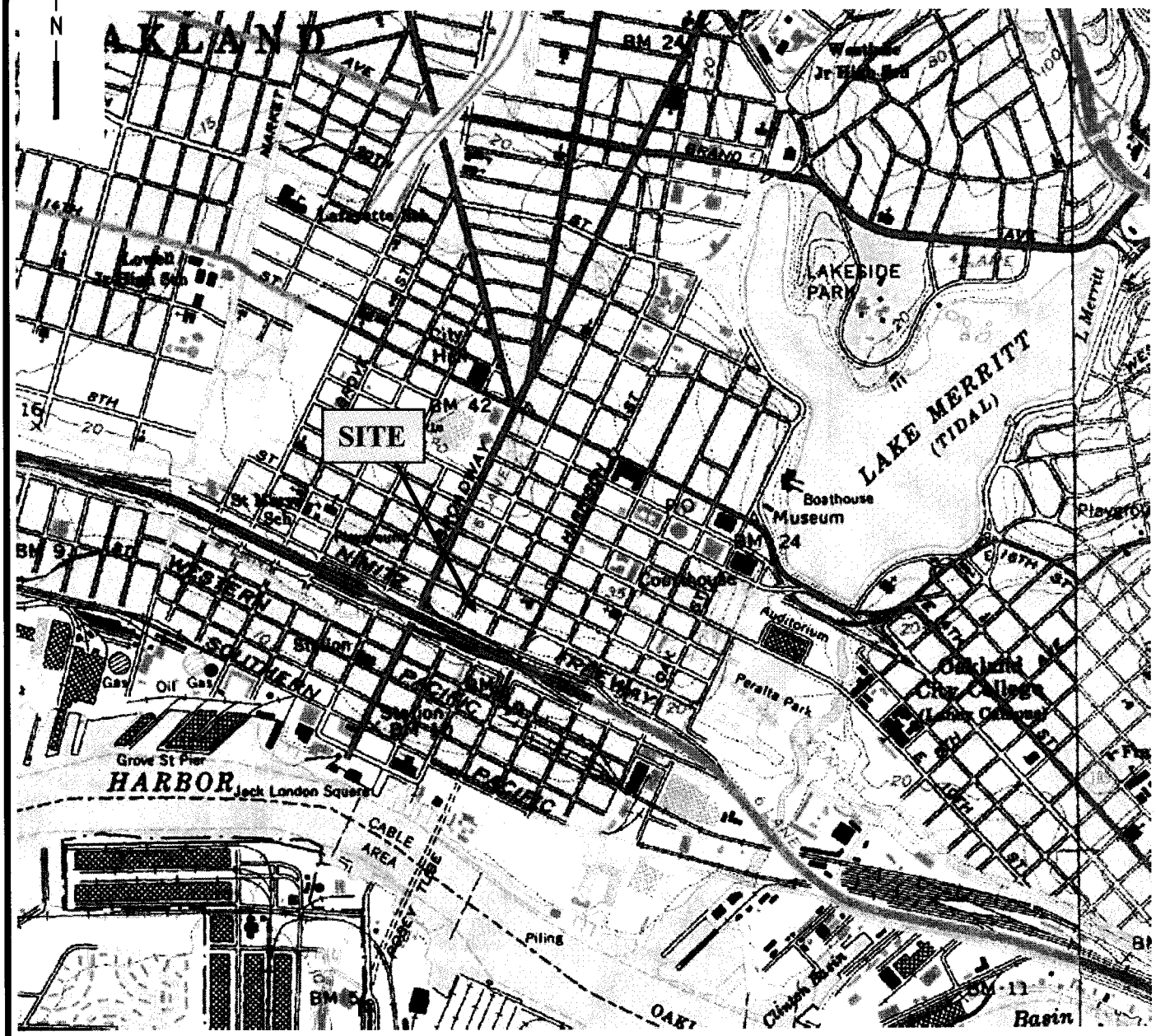
The lateral and vertical extent of the impacted soil cannot be determined solely from the observations and analyses related to the UST pit during UST removal activities.

If you have any questions or require additional information regarding this report, please contact me at (209) 404-7700.

Respectfully submitted,

Terry D. Hamilton
Contractor

cc: Ms. Kaye Patterson – TSA
Ms. Donna Drogos P.E., Alameda County LOP



SOURCE: USGS 7.5 MINUTE TOPOGRAPHIC MAP
OAKLAND WEST QUADRANGLE, CALIFORNIA, DATED 1959, PHOTO-UPDATED 1980.

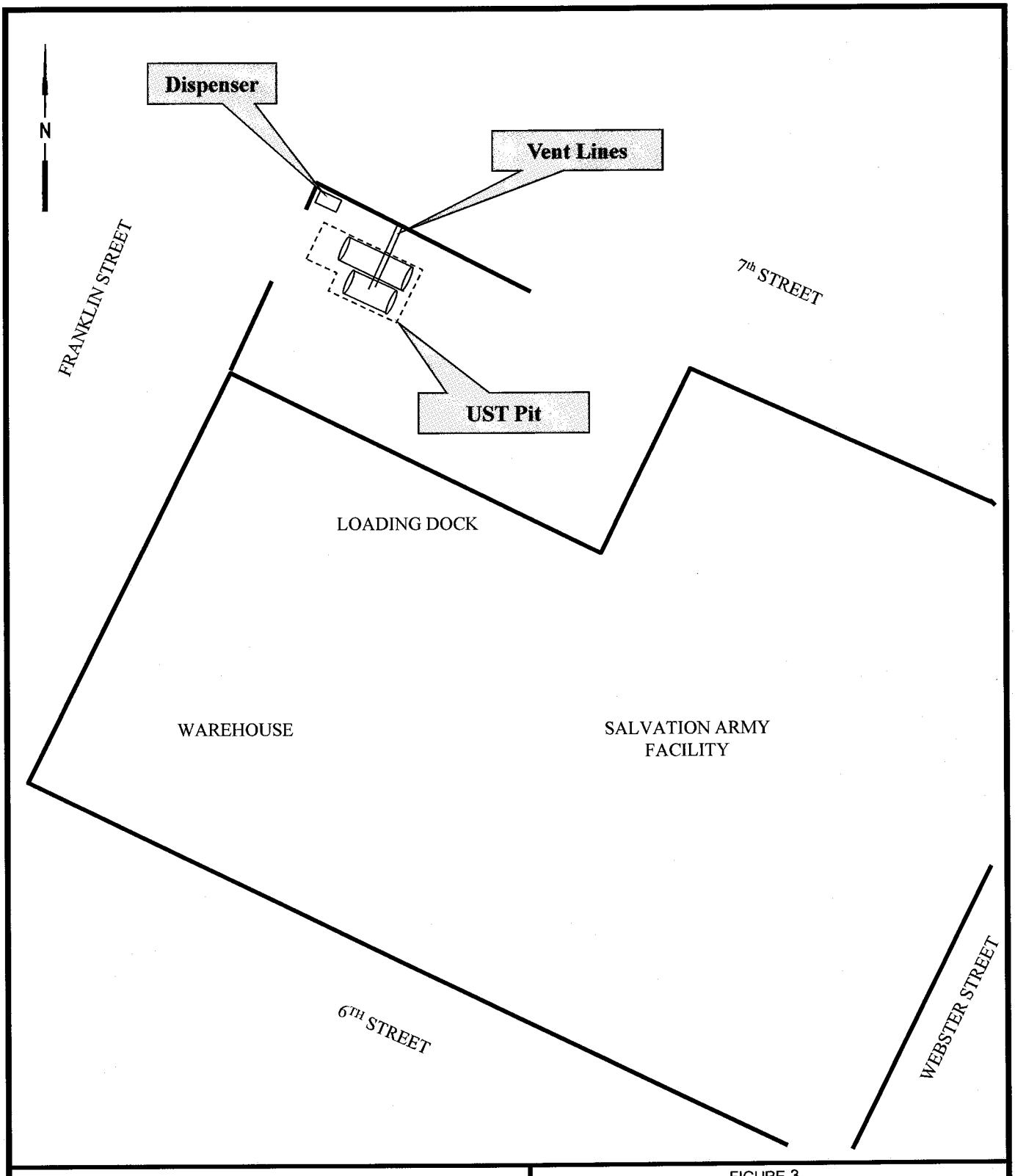
VATC ASSOCIATES INC.
1117 Lone Palm Ave, Ste 201
Modesto, CA 95351
(209) 579-2221

PROJECT NO: 54.22493.0001		
DESIGNED BY: JK	SCALE: 1:24,000	REVIEWED BY: JH
DRAWN BY: JK	DATE: 12/10	FILE: LOCATION

FIGURE 1

SITE LOCATION MAP

THE SALVATION ARMY
601 WEBSTER STREET
OAKLAND, CALIFORNIA

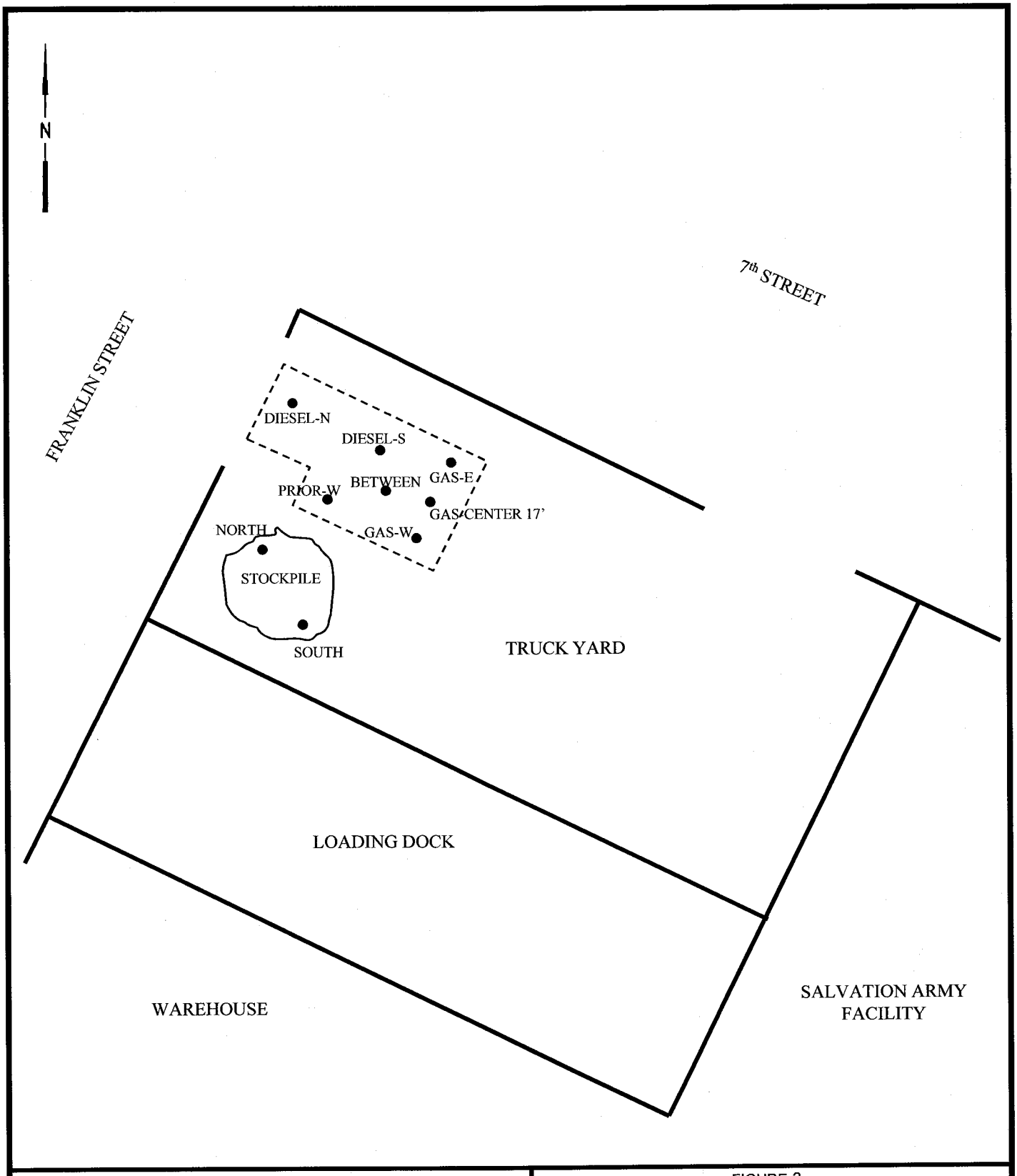


VATC ASSOCIATES INC. 1117 Lone Palm Ave, Ste 201 Modesto, CA 95351 (209) 579-2221		
PROJECT NO: 054.41116.0001		
DESIGNED BY: JK	SCALE: 1:24,000	REVIEWED BY: JH
DRAWN BY: JK	DATE: 12/10	FILE: LOCATION

FIGURE 3

SITE MAP

THE SALVATION ARMY
601 WEBSTER STREET
OAKLAND, CALIFORNIA



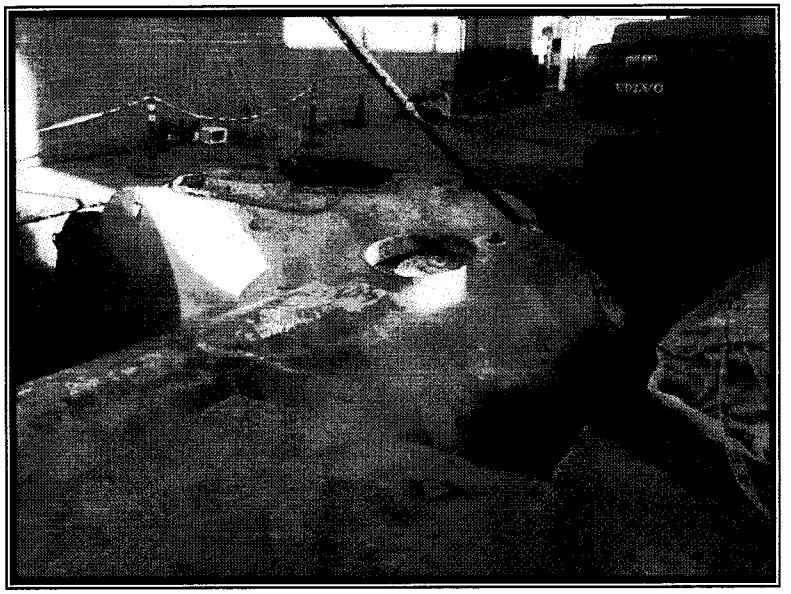
VATC ASSOCIATES INC.
1117 Lone Palm Ave, Ste 201
Modesto, CA 95351
(209) 579-2221

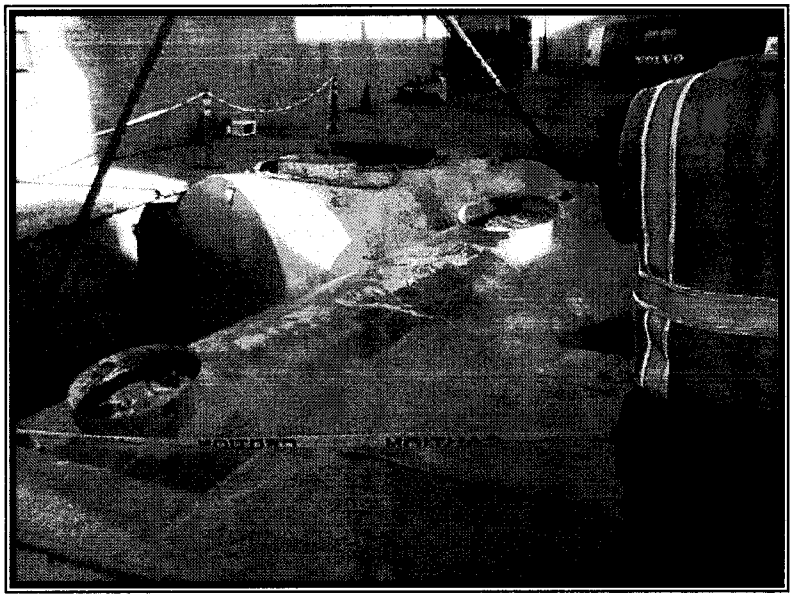
PROJECT NO:		
DESIGNED BY: JK	SCALE: NTS	REVIEWED BY: JH
DRAWN BY: JK	DATE: 12/10	FILE: LOCATION

FIGURE 3

FORMER TANK PIT WITH SAMPLE LOCATIONS

THE SALVATION ARMY
601 WEBSTER STREET
OAKLAND, CALIFORNIA





Photos 1 & 2: USTs immediately prior to extraction from UST pit

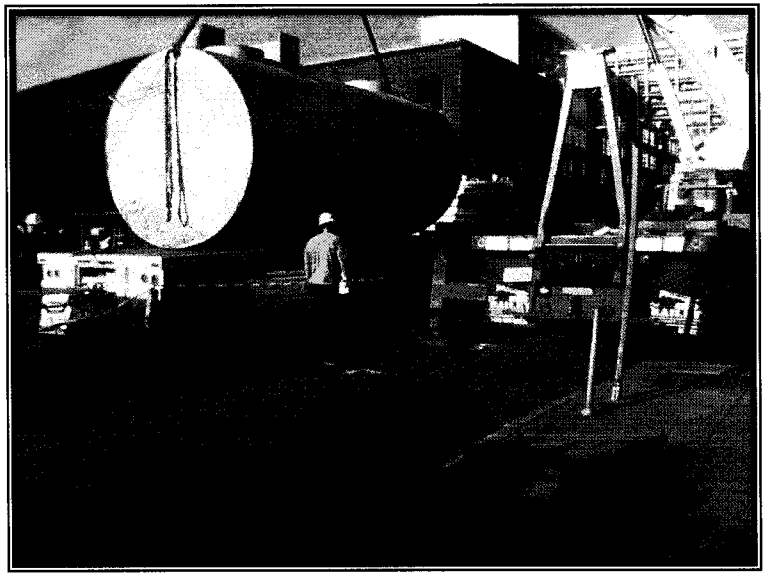
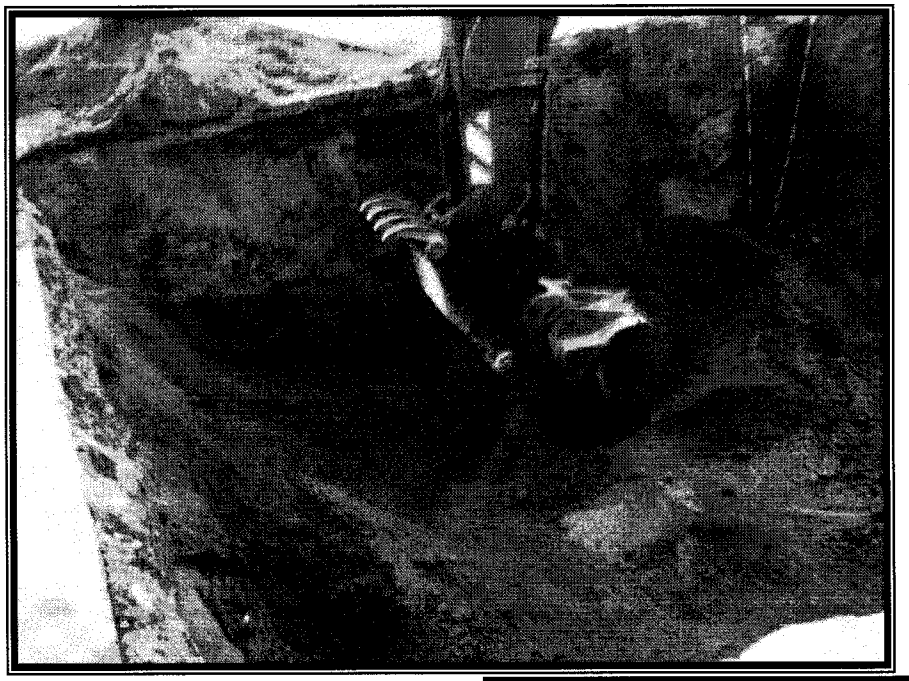
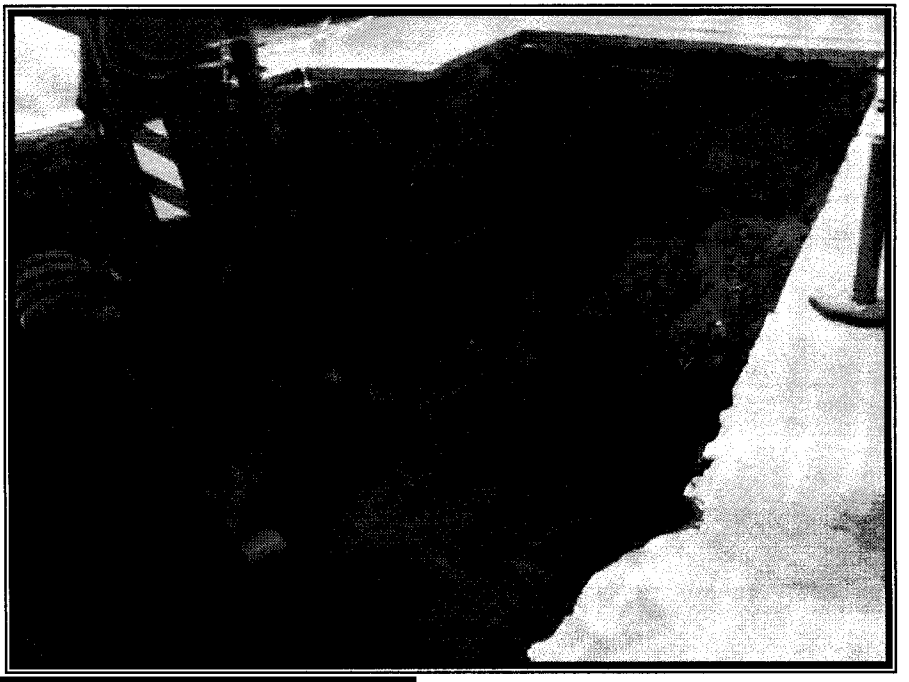


Photo 3: 10,000-gal UST hoisted on to flatbed.





Photos 4 & 5: UST Excavation at sampling depth with discolored soil

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
Salvation Army Depot
Oakland, California
(Page 1 of 1)

Date	Sample ID	(Reported in mg/kg)								
		MTBE	Benzene	Toluene	Ethyl Benzene	Xylenes	TPHg	TPHd	Lead	Fuel Oxygenates[a]
11/23/2010	Diesel-N 14'	<2.0	**4.2**	**4.4**	**52**	**190**	**1,800**	<75	--	<MDLs
	Diesel-S 14'	<2.0	**2.2**	**17**	**71**	**270**	**2,800**	<150	**7.9**	<MDLs
	Prior-W 14'	<2.0	<2.0	**4.3**	**77**	**190**	**2,400**	<150	--	<MDLs
	Gas-E 14'	<0.16	<0.16	<0.16	**2.8**	**4.4**	**160**	<15	--	<MDLs
	Gas-W 14'	<0.40	**0.71**	**2.6**	**11**	**36**	**410**	<150	--	<MDLs
	Between Tanks 14'	<0.050	<0.050	**0.063**	**1.6**	**2.4**	**90**	<15	--	<MDLs
	Gas Center 17'	<16	**300**	**1,200**	**320**	**1,700**	**17,000**	<150	--	<MDLs
	Stockpile Comp South	<0.005	<0.005	<0.005	<0.005	<0.010	<1.0	<5.0	--	<MDLs
	Stockpile Comp North	<0.005	<0.005	<0.005	<0.005	<0.010	<1.0	<5.0	--	<MDLs
	Pit Spoils	<0.20	<0.20	<0.20	**1.9**	**7.8**	**210**	<15	--	<MDLs

Notes:
Units in Milligrams per Kilogram (mg/kg) = Parts per Million (ppm)

MTBE - Methyl Tertiary Butyl Ether by EPA Method 8260B
-- Not Analyzed
Benzene - Benzene by EPA Method 8020 or 8260B
Toluene - Toluene by EPA Method 8020 or 8260B
Ethyl Benzene - Ethylbenzene by EPA Method 8020 or 8260B
Xylenes - Xylenes by EPA Method 8020 or 8260B
TPHg - Total Petroleum Hydrocarbons as Gasoline by EPA Method 8015
TPHd - Total Petroleum Hydrocarbons as Diesel by DOHS LUFT Method
Lead - Total Lead by EPA Method 3050A or 6010
<MDLs - Not Detected at or Above Stated Method Detection Limit
a - See Laboratory Data Sheets for Laboratory Method Detection Limits (MDLs)
Fuel Oxygenates - Fuel Oygenates by EPA Method 8260 or 8260B; Only Constituents which were detected are listed

10-14-10

REVIEWED
OAKLAND FIRE DEPARTMENT
BY
DATE 14 Oct 10
ALL INSPECTIONS REQUIRE
48 HOURS NOTICE

UNDERGROUND STORAGE TANK SYSTEM
CLOSURE PERMIT APPLICATION

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

1. Facility Name (Tank Site): THE SALVATION ARMY Bldg. No.: N/A

   Address: 601 Webster Street City: Oakland Zip: 94607

   EPA ID No.: CA002655792 Contact Person: Renay Panoncialman Phone No.: (510) 451-4514

2. Tank Owner's Name: THE SALVATION ARMY

   Address: 601 Webster Street City: Oakland Zip: 94607

3. Tank Operator's Name: THE SALVATION ARMY

   Address: 601 Webster Street City: Oakland Zip: 94607

4. Applicant's Name: Terry D. Hamilton

   Address: 1502 Westbrook Court City: Modesto Zip: 95358

   Contact Person: Terry Hamilton Phone No.: (209) 404-7700

5. Tank Closure Contractor Business Name: Terry D. Hamilton
   (As registered with the Contractors State License Board at www.cslb.ca.gov)

   Address: 1502 Westbrook Court City: Modesto Zip: 95358

   CSLB License No.: 339108 Contact Person: Terry Hamilton Phone No.: (209) 404-7700

   Business License *(if required)*: ☒ on file; ☐ attached; ☐ not applicable

6. Firm that will take soil/water samples: Argon Laboratories Phone No.: (209) 581-9280

7. State-certified laboratory that will analyze samples: Argon Laboratories Phone No.: (209) 581-9280

This box is for agency use only

Laboratory analyses shall test for:

	TPHG	TPHD	BTEX, MTBE, TAME, ETBE, DIPE, TBA, EDB, EDC (EPA 8260)	Organic Lead (DHS-LUFT)	O&G	Cl HC	Metals (Cd, Cr, Pb, Ni, Zn (ICAP or AA)	PCB, PCP, PNA, Creosote (EPA 8270)	pH	Other (Specify)
Tank 1	✓	✓	✓	✓						
Tank 2	✓	✓	✓	✓						
Tank 3										
Tank 4										
Tank 5										
Tank 6										

Additional analyses may be required by inspector in field.

8. Name of Licensed Transporter of Tanks: ECOLOGY CONTROL INDUSTRIES, INC.

EPA ID No.: CAD 982413262 Phone No.: (510) 235-1393

9. Destination of Tanks and Piping: 255 Parr Avenue, Richmond, CA

10. Tank System: Size (gallons) Substance(s) Previously Contained

Tank 1	10,000	Gasoline
Tank 2	10,000	Diesel
Tank 3		
Tank 4		
Tank 5		
Tank 6		

If the owner/operator does not have a current Hazardous Materials Business Plan (HMBP) which includes these tanks on file with the local agency, provide an 8-1/2" x 11" plot plan of the tanks to be closed. Indicate the nearest cross street to the facility, buildings immediately adjacent to the tanks, location(s) of tanks to be closed, and location of nearby utilities.

This Underground Tank Closure Permit expires 6 months from the date of application. If tanks have not been closed within 6 months, a new closure permit application and appropriate fees may be required.

Facility closure inspections must be scheduled at least 48 hours in advance. Call the appropriate local agency to make necessary arrangements.

I certify that I have read the tank closure guidelines and declare that the above information is correct to the best of my knowledge. The owner of the tank(s) described above is aware of the pending closure. I agree to comply with all applicable city and county ordinances and state laws relating to hazardous materials/wastes, and hereby authorize representatives of local agencies to enter upon the within mentioned property for inspection purposes.

Terry D. Hamilton	Terry D. Hamilton	10/4/2010
Applicant/Agent's Name (Print)	Applicant/Agent's Signature	Date

These boxes are for agency use only

THIS APPROVAL CONSTITUTES A PERMIT FOR REMOVAL OF THE ABOVE LISTED TANKS.

Agency: _____ Date: _____

Print Name: _____ Sign Name: _____

THIS CERTIFIES THAT ALL TANK SYSTEM CLOSURE ACTIVITIES ARE COMPLETE.*

Agency: _____ Date: _____

Print Name: _____ Sign Name: _____

* If contamination of any detectable concentration is found, contact the leaking underground storage tank Local Oversight Program (LOP) and/or Regional Water Quality Control Board for cleanup and/or remediation requirements.

10-4-10

FIED PROGRAM CONSOLIDATED F

TANK

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 VALUES 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: Jerry Hamilton

DATE 470: 10-4-10

NAME OF OWNER/OPERATOR (print): The Salvation Army

TITLE OF OWNER/OPERATOR 472: Contractor

FIED PROGRAM CONSOLIDATED F(

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: The Salvation Army

FACILITY ID: 1

LOCATION WITHIN SITE (Optional) 431

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

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

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: Diesel Fuel

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
NA ☐ 10. COATED STEEL
☐ 5. CONCRETE

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☑ 95. UNKNOWN
☐ 2 ALKYD LINING ☐ 4 PHENOLIC LINING ☐ 6 UNLINED ☐ 99 OTHER

DATE INSTALLED 447 (For local use only)

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

448 _____ (For local use only)

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

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 (Check one item only) 454
☐ 1 VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2 CONTINUOUS INTERSTITIAL MONITORING
☐ 3 MANUAL MONITORING
NA

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
	25 gallons	☐ Yes ☑ No

10-4-10

"FIED PROGRAM CONSOLIDATED FC

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 The Salvation Army

FACILITY ID: 1

LOCATION WITHIN SITE (Optional) 431

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

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

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: Unleaded Gasoline

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
N/A ☐ 10. COATED STEEL
☐ 5. CONCRETE

TANK INTERIOR LINING OR COATING (Check one item only) 446
☐ 1. RUBBER LINED ☐ 3. EPOXY LINING ☐ 5. GLASS LINING ☑ 95. UNKNOWN
☐ 2 ALKYD LINING ☐ 4 PHENOLIC LINING ☐ 6 UNLINED ☐ 99 OTHER

DATE INSTALLED 447 (For local use only)

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

448 (For local use only)

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

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 (Check one item only) 454
☐ 1 VISUAL (SINGLE WALL IN VAULT ONLY)
☐ 2 CONTINUOUS INTERSTITIAL MONITORING
☐ 3 MANUAL MONITORING
N/A

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
10/9/28	25 gallons	☐ Yes ☑ No

FIED PROGRAM CONSOLIDATED F

D/F TANK

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 VALUES 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: Jerry D. Hamilton

DATE 470: 10-4-10

NAME OF OWNER/OPRATOR (print): The Salvation Army

TITLE OF OWNER/OPERATOR 472: Contractor

11-22-10

Amended 11-22-10

UNDERGROUND STORAGE TANK SYSTEM CLOSURE PERMIT APPLICATION

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

1. Facility Name (Tank Site): THE SALVATION ARMY Bldg. No.: N/A

   Address: 601 Webster SWtreet City: Oakland Zip: 94607

   EPA ID No.: CAC002655792 Contact Person: Renay Panoncialman Phone No.: (510) 451-4514

2. Tank Owner's Name: THE SALVATION ARMY

   Address: 601 Webster Street City: Oakland Zip: 94607

3. Tank Operator's Name: THE SALVATION ARMY

   Address: 601 Webster Street City: Oakland Zip: 94607

4. Applicant's Name: Terry D. Hamilton

   Address: 1502 Westbrook Court City: Modesto Zip: 95358

   Contact Person: Terry Hamilton Phone No.: (209) 404-7700

5. Tank Closure Contractor Business Name: Terry D. Hamilton
   (As registered with the Contractors State License Board at www.cslb.ca.gov)

   Address: 1502 Westbrook Court City: Modesto Zip: 95358

   CSLB License No.: 339108 Contact Person: Terry Hamilton Phone No.: (209) 404-7700

   Business License *(if required)*: ☒ on file; ☐ attached; ☐ not applicable

6. Firm that will take soil/water samples: ATC Associates, Inc. Phone No.: (209) 579-2221

7. State-certified laboratory that will analyze samples: Argon Laboratories, Inc. Phone No.: (209) 581-9280

This box is for agency use only

Laboratory analyses shall test for:										
	TPHG	TPHD	BTEX, MTBE, TAME, ETBE, DIPE, TBA, EDB, EDC (EPA 8260)	Organic Lead (DHS-LUFT)	O&G	Cl HC	Metals (Cd, Cr, Pb, Ni, Zn (ICAP or AA)	PCB, PCP, PNA, Creosote (EPA 8270)	pH	Other (Specify)
Tank 1										
Tank 2										
Tank 3										
Tank 4										
Tank 5										
Tank 6										

Additional analyses may be required by inspector in field.

UST System Closure Permit Application - p. 2 of 2 Tank Site Address (from page 1): 601 Webster Street, Oakland, CA

8. Name of Licensed Transporter of Tanks: West Coast Equipment

EPA ID No.: N/A Phone No.: (209) 668-9378

9. Destination of Tanks and Piping: 1540 West Linwood Avenue, Turlock, CA 95380

10. Tank System: Size (gallons) — Substance(s) Previously Contained

Tank 1	8,000	Unleaded Gasoline
Tank 2	10,000	Diesel
Tank 3		NOTE: TANKS DEEMED NON-HAZARDOUS PURSUANT TO TITLE 22
Tank 4		& "TANK CLEANLINESS CERTIFICATE", DATED NOVEMBER 19, 2010
Tank 5		BY EDGAR ENVIRONMENTAL, INC. N.F.P.A. CERTIFIED MARINE
Tank 6		CHEMIST, JOHN C. EDGAR, T.I.N. 272815151 (SEE ATTACHED CERT.)

If the owner/operator does not have a current Hazardous Materials Business Plan (HMBP) which includes these tanks on file with the local agency, provide an 8-1/2" x 11" plot plan of the tanks to be closed. Indicate the nearest cross street to the facility, buildings immediately adjacent to the tanks, location(s) of tanks to be closed, and location of nearby utilities.

This Underground Tank Closure Permit expires 6 months from the date of application. If tanks have not been closed within 6 months, a new closure permit application and appropriate fees may be required.

Facility closure inspections must be scheduled at least 48 hours in advance. Call the appropriate local agency to make necessary arrangements.

I certify that I have read the tank closure guidelines and declare that the above information is correct to the best of my knowledge. The owner of the tank(s) described above is aware of the pending closure. I agree to comply with all applicable city and county ordinances and state laws relating to hazardous materials/wastes, and hereby authorize representatives of local agencies to enter upon the within mentioned property for inspection purposes.

Terry D. Hamilton	Terry D. Hamilton	11/22/2010
Applicant/Agent's Name (Print)	Applicant/Agent's Signature	Date

These boxes are for agency use only

THIS APPROVAL CONSTITUTES A PERMIT FOR REMOVAL OF THE ABOVE LISTED TANKS.

Agency: _____ Date: _____

Print Name: _____ Sign Name: _____

THIS CERTIFIES THAT ALL TANK SYSTEM CLOSURE ACTIVITIES ARE COMPLETE.*

Agency: _____ Date: _____

Print Name: _____ Sign Name: _____

* If contamination of any detectable concentration is found, contact the leaking underground storage tank Local Oversight Program (LOP) and/or Regional Water Quality Control Board for cleanup and/or remediation requirements.

11-03-10

argon laboratories

03 November 2010

Terry Hamilton
Terry Hamilton
1502 WestBrook Ct.
Modesto, CA 95358

RE: The Salvation Army Project Data

Enclosed are the results for sample(s) received on 11/02/10 13:45 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto
Lab Manager

2905 Railroad Avenue, Ceres, CA 95307 • Phone (209) 581-9280 • Fax (209) 581-9282
email: main@argonlabs.com

Argon Analytical Services, Inc.

2905 Railroad Ave Ceres, CA 95307
(209)581-9280 Fax (209)581-9282 info@argonlabs.com

CHAIN OF CUSTODY

1539

Project No: 2010028.C.01
Project Title: The Salvation Army ("TSA") UST
Location: 601 Webster St Oakland (Removal)

Sampler's Name (print): Terry D. Hamilton
Sampler's Signature: Terry D. Hamilton

Consultant: Terry D. Hamilton
Address: 1502 Westbrook Court
Modesto, CA 95358
Contact:
Phone: (209) 404-7700
Fax: (209) 577-3553

Bill To:
Client: Same As Above
Address:

☐ EDF Required

TURN AROUND TIME

RUSH	24 Hour	48 Hour	5-day Rush	Standard (10 days)
☐	☑	☐	☐	☐

Need Quote for 24 hr

Sample ID.	Date	Time	# Containers	Matrix	TPH Gas	TPH Diesel	B	T	E	X	COMMENTS
NW #1 @12' bgs	11-1-10	4:00pm	1	Sandy Soil	X	X					

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Terry D. Hamilton	11-2-10	1:10	Sharon Hamilton	11-02-10	1:10
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Sharon Hamilton	11-2-10	1:45		11/02/10	13:45
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

SPECIAL INSTRUCTIONS:

Argon Laboratories Sample Receipt Checklist

Client Name: Terry Hamilton Date & Time Received: 11/02/10 13:45

Project Name: The Salvation Army Client Project Number: 2010028 C.O.I

Received By: I.C. Matrix: Water ☐ Soil ☑ Sludge ☐

Sample Carrier: Client ☑ Laboratory ☐ Fed Ex ☐ UPS ☐ Other ☐

Argon Labs Project Number: K011004

Shipper Container in good condition? N/A____	Yes	☑	No	☐	Samples received in proper containers?	Yes ☑	No ☐
					Samples received intact?	Yes ☑	No ☐
Samples received under refrigeration?	Yes	☑	No	☐	Sufficient sample volume for requested tests?	Yes ☑	No ☐
Chain of custody present?	Yes	☑	No	☐	Samples received within holding time?	Yes ☑	No ☐
Chain of Custody signed by all parties?	Yes	☑	No	☐	Do samples contain proper preservative? N/A ☑	Yes ☐	No ☐
Chain of Custody matches all sample labels?	Yes	☑	No	☐	Do VOA vials contain zero headspace? (None submitted ☑)	Yes ☐	No ☐

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: _____ Person Contacted: _____

Contacted By: _____ Subject: _____

Comments:

Action Taken:

ADDITIONAL TEST(S) REQUEST / OTHER

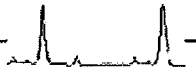
Contacted By: _____ Date: _____ Time: _____

Call Received By: _____

Comments:

♥ ♣ ♦ ♠

argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282



Terry Hamilton
1502 WestBrook Ct.
Modesto, CA 95358

Project Number: 2010028 C.O.I
Project Name: The Salvation Army
Project Manager: Terry Hamilton

Work Order No.:
K011004

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NW#1 @ 12' bgs	K011004-01	Soil	11/01/10 16:00	11/02/10 13:45

Approved By
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

Terry Hamilton 1502 WestBrook Ct. Modesto, CA 95358	Project Number: 2010028 C.O.I Project Name: The Salvation Army Project Manager: Terry Hamilton	Work Order No.: K011004

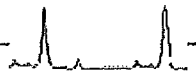
Total Petroleum Hydrocarbons @ Diesel

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
NW#1 @ 12' bgs (K011004-01) Soil Sampled: 01-Nov-10 16:00 Received: 02-Nov-10 13:45							**R-05**
Diesel	ND	10	mg/kg	2	02-Nov-10	EPA 8015Mod	
Surr. Rec.:		*111 %*			"	"	

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282



Terry Hamilton
1502 WestBrook Ct.
Modesto, CA 95358

Project Number: 2010028 C.O.I
Project Name: The Salvation Army
Project Manager: Terry Hamilton

Work Order No.:
K011004

TPH-gas /BTX&E EPA Method 8015M / 8021B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
NW#1 @ 12' bgs (K011004-01) Soil Sampled: 01-Nov-10 16:00 Received: 02-Nov-10 13:45							
Total Petroleum Hydrocarbons @ Gasoline	**47**	10	mg/kg	10	02-Nov-10	8015M / 8021B	
Benzene	ND	0.050	"	"	"	"	
Toluene	**0.091**	0.050	"	"	"	"	
Xylenes (total)	**1.0**	0.10	"	"	"	"	
Ethylbenzene	**0.47**	0.050	"	"	"	"	
Surr. Rec.:		*92 %*			"	"	

Approved By
Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

Terry Hamilton
1502 WestBrook Ct.
Modesto, CA 95358

Project Number: 2010028 C.O.I
Project Name: The Salvation Army
Project Manager: Terry Hamilton

Work Order No.:
K011004

Total Petroleum Hydrocarbons @ Diesel - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch K001644 - EPA 3550B										
Blank (K001644-BLK1)				Prepared & Analyzed: 11/02/10						
Surrogate: p-Terphenyl	*8.00*		*mg/kg*	*10*		*80*	*70-130*			
Diesel	ND	5.0	"							
LCS (K001644-BS1)				Prepared & Analyzed: 11/02/10						
Diesel	182		mg/kg	200		91	80-120			
LCS Dup (K001644-BSD1)				Prepared & Analyzed: 11/02/10						
Diesel	187		mg/kg	200		94	80-120	3	20	

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Terry Hamilton 1502 WestBrook Ct. Modesto, CA 95358	Project Number: 2010028 C.O.I Project Name: The Salvation Army Project Manager: Terry Hamilton	Work Order No.: K011004

TPH-gas /BTX&E EPA Method 8015M / 8021B - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch K001643 - EPA 5030B										
Blank (K001643-BLK1)				Prepared & Analyzed: 11/02/10						
Surrogate: a,a,a-Trifluorotoluene	*0.0490*		*mg/kg*	*0.050*		*98*	*70-130*			
Total Petroleum Hydrocarbons @ Gasoline	ND	1.0	"							
Benzene	ND	0.005	"							
Toluene	ND	0.005	"							
Xylenes (total)	ND	0.010	"							
Ethylbenzene	ND	0.005	"							
LCS (K001643-BS1)				Prepared & Analyzed: 11/02/10						
Total Petroleum Hydrocarbons @ Gasoline	0.960		mg/kg	1.0		96	80-120			
LCS Dup (K001643-BSD1)				Prepared & Analyzed: 11/02/10						
Total Petroleum Hydrocarbons @ Gasoline	0.903		mg/kg	1.0		90	80-120	6	20	

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Terry Hamilton 1502 WestBrook Ct. Modesto, CA 95358	Project Number: 2010028 C.O.I Project Name: The Salvation Army Project Manager: Terry Hamilton	Work Order No.: K011004

Notes and Definitions

R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

11-9-10

OAKLAND FIRE DEPARTMENT/FIRE PREVENTION BUREAU
HAZARDOUS MATERIALS UNIT

250 FRANK H. OGAWA PLAZA, SUITE 3341, OAKLAND, CA 94612-2032 • (510) 238-3927

HAZARDOUS MATERIALS INSPECTION REPORT

Site Number	Facility Name	Facility Address	Zip Code
	Salvation Army	601 Webster	07

Inspection Report

☒ PERMISSION TO INSPECT GRANTED

13:22
UST Removal

Terry Hamilton 209 404 7700

Current activity: Fuel was Removed Oct 15 via HazWaste Manifest

Today Both Tank will be/are in the process of Tripple Rinsing

Rinsate to be hauled in 55 DOT approved drums

George Lawrie Inc. is the Hauler

Facility Contact/Print Name:	Inspected By:	☐ AFM Griffin	238-7759
Terry Hamilton	KW	☑ Insp. Matthews	238-2396
Facility Contact/Signature:	238-3927	☐ Insp. Skillern	238-7253
Terry D. Hamilton		☐ _____	238-3927
	Date: 11-9-10		

538-156 (10/10)

Edgar Environmental, Inc.

Analytical, Consulting, and N.F.P.A. Certified Marine Chemists #686
Mailing Address: PO Box 730, Morgan Hill, Ca 95038 T.I.N. 272815151
Phone (510) 909-3455
e-mail: jcedgar57@yahoo.com

Tank Cleanliness Certificate

Date: 19 NOV 2010 Time: 1600

Site Information

Requested by: TERRY D. HAMILTON
1502 WOODBRIDGE CT.
MODESTO, CA. 95358
209-404-7700

Tank Owner: THE SALVATION ARMY

Site Address: 1001 WEBSTER ST
OAKLAND, CA 94607

Tank Interior Atmosphere Readings

Test Results						
	Concentration of Flammable Vapor			Concentration of Oxygen		
Tank ID #	Upper	Middle	Lower	Upper	Middle	Lower
(1) 8000 GAL GASOLINE	0	0	0	20.8	20.8	20.8
(2) 10,000 GAL DIESEL	0	0	0	20.8	20.8	20.8

These tanks have been cleaned and are free of any visible product residue as per title 22.

John C. Edgar

WEST COAST EQUIPMENT

P.O. Box 2368
Turlock, CA 95381
General Contractors Lic.#391848

UST DISPOSAL OR REUSE CERTIFICATION

This is to certify that the former underground storage tanks received on November 23, 2010, from The Salvation Army, located at 601Webster Street, Oakland, CA 94607, listed below, have been recycled and/or refurbished for reuse as non-hazardous storage tanks.

Common examples of such reuses are, among other things, non-potable water storage for fire suppression where fire hydrants do not exist, flushing and dust control systems. Prior to transporting, the tanks were "triple rinsed" and a "Tank Cleanliness Certificate" was issued by John C. Edgar, Certified Marine Chemists #686, of Edgar Environmental, Inc., P.O. Box 730, Morgan Hill, CA 95308.
A true and correct copy of the Tank Cleanliness Certificate is appended hereto.

Tank Description:

(1) 8,000 gallon capacity fiberglass coated double-wall steel tank.

(1) 10,000 gallon capacity fiberglass coated double-wall steel tank.

WEST COAST EQUIPMENT

BY: _____
Dolores Baptista, Controller

11-22-10

11/30/2003 05:47 2098638171 RIVERBANK OIL TRANSF PAGE 01

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAC002655792	2. Page 1 of 1	3. Emergency Response Phone (209) 765-0727	4. Manifest Tracking Number 003933734 FLE

GENERATOR

5. Generator's Name and Mailing Address: SALVATION ARMY, 601 WEBSTER ST., Oakland, CALIF. 94607 (209) 404-7700
Generator's Site Address (if different than mailing address): 601 WEBSTER ST., Oakland, CALIF. 94607
Generator's Phone:

6. Transporter 1 Company Name: BullDog Oil of California, LLC #5711 U.S. EPA ID Number: CAL000338673

7. Transporter 2 Company Name: U.S. EPA ID Number:

8. Designated Facility Name and Site Address: ~~RIVERBANK OIL TRANS~~ ~~6300 CLAUS RD~~ ~~(209) 824-0424~~ RIVERBANK, CA 95367 ~~CROSBY & OVERTON 1630 W 17TH ST LONG BEACH, CA 90813~~ (562) 863-8181 FAX 209 577 3553
U.S. EPA ID Number: ~~CAD029409019~~ CAL000190816
Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA Hazardous Waste, Liquid (Oily water)	001	TT	750	G	221
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
Profile ##### WEAR GLOVES ERG#171

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Terry D. Hamilton Signature: Terry D. Hamilton Month 11 Day 22 Year 10

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Otoniel Hernandez Signature: Month 11 Day 22 Year 10
Transporter 2 Printed/Typed Name: Signature: Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Ray Fontes Signature: Month 11 Day 23 Year 10

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

argon laboratories

06 December 2010

Terry Hamilton
Terry Hamilton
1502 WestBrook Ct.
Modesto, CA 95358

RE: The Salvation Army Project Data

Enclosed are the results for sample(s) received on 11/24/10 14:28 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

Please see quality control report for a summary of QC data pertaining to this project.

The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

Thank you for the opportunity to service the needs of your company.

Sincerely,

Hiram Cueto
Lab Manager

2905 Railroad Avenue, Ceres, CA 95307 • Phone (209) 581-9280 • Fax (209) 581-9282
email: main@argonlabs.com

CHAIN OF CUSTODY RECORD

ARGON LABORATORIES
3037 5th Street
Ceres, CA 95307
Telephone: (209)581-9280 Fax: (209)581-9282

TURN AROUND TIME ☐ 24 hour ☐ 48 hour ☒ 5 day ☐ 10 day

Report To: Terry Hamilton	Bill To: Terry Hamilton
Company:	1502 Westbrook Court
	Modesto, CA 95358
Tele: 209-404-7700	Fax: 209-577-3553
Project #:	Project Name: Salvation Army
Project Location: Oakland, CA	
Sampler Signature:	

SAMPLE ID	LOCATION	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED Ice	METHOD PRESERVED HCl	METHOD PRESERVED HNO_3	METHOD PRESERVED Other
Diesel-North 14'		11-23-10	1620	1	T/S		X				X			
Diesel-South 14'			1642											
Prior-west 14'			1630											
Gas-East 14'			1645											
Gas-West 14'			1701											
Gas Center 14'			1735											
Between Tanks 14'			1706											
Pile Comp South			1718											
Pile Comp North			1720											
Spoils in Pit			1715	↓			↓				↓			

Analysis Request	Other	Comments
BTEX & TPH as Gas (602/8020 + 8015)		
TPH as Diesel (8015) & TPH ↓		
Total Petroleum Oil & Grease (5520 E&F/B&F)		
Total Petroleum Hydrocarbons (418.1)		
EPA 601 / 8010		
BTEX ONLY (EPA 602 / 8020)		
EPA 608 / 8080		
EPA 608 / 8080 PCB's ONLY		
EPA 624 / 8240 / 8260 BTEX 7 days		
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
LUFT 5 Metals		
Lead (7240/7421/239.2/6010)		

Relinquished By	Date:	Time:	Received By
	11-24-10	14:28	Mario Aguerra
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

Remarks:

Argon Laboratories Sample Receipt Checklist

Client Name: Terry Hamilton Date & Time Received: 11/24/10 14:28

Project Name: Salvation Army Client Project Number: _____

Received By: MG Matrix: Water ☐ Soil ☑ Sludge ☐

Sample Carrier: Client ☐ Laboratory ☑ Fed Ex ☐ UPS ☐ Other ☐

Argon Labs Project Number: K011054

Shipper Container in good condition?				Samples received in proper containers?	Yes ☑	No ☐	
N/A_____	Yes ☑	No ☐		Samples received intact?	Yes ☑	No ☐	
Samples received under refrigeration?	Yes ☑	No ☐		Sufficient sample volume for requested tests?	Yes ☑	No ☐	
Chain of custody present?	Yes ☑	No ☐		Samples received within holding time?	Yes ☑	No ☐	
Chain of Custody signed by all parties?	Yes ☑	No ☐		Do samples contain proper preservative?	N/A ☑	Yes ☐	No ☐
Chain of Custody matches all sample labels?	Yes ☑	No ☐		Do VOA vials contain zero headspace?	(None submitted ☑)	Yes ☐	No ☐

ANY "No" RESPONSE MUST BE DETAILED IN THE COMMENTS SECTION BELOW

Date Client Contacted: _____ Person Contacted: _____

Contacted By: _____ Subject: _____

Comments:

Action Taken:

ADDITIONAL TEST(S) REQUEST / OTHER

Contacted By: _____ Date: _____ Time: _____

Call Received By: _____

Comments:

♥ ♣ ♦ ♠

argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

Terry Hamilton
1502 WestBrook Ct.
Modesto, CA 95358

Project Number: Oakland, CA
Project Name: The Salvation Army
Project Manager: Terry Hamilton

Work Order No.:
K011054

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Diesel-North 14'	K011054-01	Soil	11/23/10 16:20	11/24/10 14:28
Diesel-South 14'	K011054-02	Soil	11/23/10 16:42	11/24/10 14:28
Prior-West 14'	K011054-03	Soil	11/23/10 16:30	11/24/10 14:28
Gas-East 14'	K011054-04	Soil	11/23/10 16:48	11/24/10 14:28
Gas-West 14'	K011054-05	Soil	11/23/10 17:01	11/24/10 14:28
Gas-Center-17'	K011054-06	Soil	11/23/10 17:35	11/24/10 14:28
BetweenTanks-14	K011054-07	Soil	11/23/10 17:06	11/24/10 14:28
Pile Comp South	K011054-08	Soil	11/23/10 17:18	11/24/10 14:28
Pile Comp North	K011054-09	Soil	11/23/10 17:20	11/24/10 14:28
Spoils in Pit	K011054-10	Soil	11/23/10 17:45	11/24/10 14:28

Approved By

Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

Terry Hamilton 1502 WestBrook Ct. Modesto, CA 95358	Project Number: Oakland, CA Project Name: The Salvation Army Project Manager: Terry Hamilton	Work Order No.: K011054

Total Metals

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Diesel-South 14' (K011054-02) Soil Sampled: 23-Nov-10 16:42 Received: 24-Nov-10 14:28							
Lead	**7.9**	1.0	mg/kg	1	29-Nov-10	EPA 6010B	

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argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

Terry Hamilton 1502 WestBrook Ct. Modesto, CA 95358	Project Number: Oakland, CA Project Name: The Salvation Army Project Manager: Terry Hamilton	Work Order No.: K011054

Total Petroleum Hydrocarbons @ Diesel

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Diesel-North 14' (K011054-01) Soil Sampled: 23-Nov-10 16:20 Received: 24-Nov-10 14:28							
Diesel	ND	75	mg/kg	15	26-Dec-10	EPA 8015Mod	
Surr. Rec.:		*75 %*			"	"	
Diesel-South 14' (K011054-02) Soil Sampled: 23-Nov-10 16:42 Received: 24-Nov-10 14:28							**S-01**
Diesel	ND	150	mg/kg	30	26-Dec-10	EPA 8015Mod	
Prior-West 14' (K011054-03) Soil Sampled: 23-Nov-10 16:30 Received: 24-Nov-10 14:28							**S-01**
Diesel	ND	150	mg/kg	30	26-Dec-10	EPA 8015Mod	
Gas-East 14' (K011054-04) Soil Sampled: 23-Nov-10 16:48 Received: 24-Nov-10 14:28							
Diesel	ND	15	mg/kg	3	26-Dec-10	EPA 8015Mod	
Surr. Rec.:		*94 %*			"	"	
Gas-West 14' (K011054-05) Soil Sampled: 23-Nov-10 17:01 Received: 24-Nov-10 14:28							**S-01**
Diesel	ND	150	mg/kg	30	26-Dec-10	EPA 8015Mod	
Gas-Center-17' (K011054-06) Soil Sampled: 23-Nov-10 17:35 Received: 24-Nov-10 14:28							**S-01**
Diesel	ND	150	mg/kg	30	26-Dec-10	EPA 8015Mod	
BetweenTanks-14 (K011054-07) Soil Sampled: 23-Nov-10 17:06 Received: 24-Nov-10 14:28							
Diesel	ND	15	mg/kg	3	26-Dec-10	EPA 8015Mod	
Surr. Rec.:		*83 %*			"	"	
Pile Comp South (K011054-08) Soil Sampled: 23-Nov-10 17:18 Received: 24-Nov-10 14:28							
Diesel	ND	5.0	mg/kg	1	26-Dec-10	EPA 8015Mod	
Surr. Rec.:		*87 %*			"	"	

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Terry Hamilton 1502 WestBrook Ct. Modesto, CA 95358	Project Number: Oakland, CA Project Name: The Salvation Army Project Manager: Terry Hamilton	Work Order No.: K011054

Total Petroleum Hydrocarbons @ Diesel

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Pile Comp North (K011054-09) Soil Sampled: 23-Nov-10 17:20 Received: 24-Nov-10 14:28							
Diesel	ND	5.0	mg/kg	1	26-Dec-10	EPA 8015Mod	
Surr. Rec.:		*86 %*			"	"	
Spoils in Pit (K011054-10) Soil Sampled: 23-Nov-10 17:45 Received: 24-Nov-10 14:28							
Diesel	ND	15	mg/kg	3	26-Dec-10	EPA 8015Mod	
Surr. Rec.:		*79 %*			"	"	

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Terry Hamilton 1502 WestBrook Ct. Modesto, CA 95358	Project Number: Oakland, CA Project Name: The Salvation Army Project Manager: Terry Hamilton	Work Order No.: K011054

Total Petroleum Hydrocarbons @ Gasoline

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Diesel-North 14' (K011054-01) Soil Sampled: 23-Nov-10 16:20 Received: 24-Nov-10 14:28							
Total Petroleum Hydrocarbons @ Gasoline	**1800**	200	mg/kg	200	02-Dec-10	8015M	
Surr. Rec.:		*100 %*			"	"	
Diesel-South 14' (K011054-02) Soil Sampled: 23-Nov-10 16:42 Received: 24-Nov-10 14:28							
Total Petroleum Hydrocarbons @ Gasoline	**2800**	400	mg/kg	400	02-Dec-10	8015M	
Surr. Rec.:		*103 %*			"	"	
Prior-West 14' (K011054-03) Soil Sampled: 23-Nov-10 16:30 Received: 24-Nov-10 14:28							
Total Petroleum Hydrocarbons @ Gasoline	**2400**	400	mg/kg	400	02-Dec-10	8015M	
Surr. Rec.:		*98 %*			"	"	
Gas-East 14' (K011054-04) Soil Sampled: 23-Nov-10 16:48 Received: 24-Nov-10 14:28							
Total Petroleum Hydrocarbons @ Gasoline	**160**	40	mg/kg	40	02-Dec-10	8015M	
Surr. Rec.:		*102 %*			"	"	
Gas-West 14' (K011054-05) Soil Sampled: 23-Nov-10 17:01 Received: 24-Nov-10 14:28							
Total Petroleum Hydrocarbons @ Gasoline	**410**	100	mg/kg	100	02-Dec-10	8015M	
Surr. Rec.:		*106 %*			"	"	
Gas-Center-17' (K011054-06) Soil Sampled: 23-Nov-10 17:35 Received: 24-Nov-10 14:28							
Total Petroleum Hydrocarbons @ Gasoline	**17000**	4000	mg/kg	4000	02-Dec-10	8015M	
Surr. Rec.:		*101 %*			"	"	
BetweenTanks-14 (K011054-07) Soil Sampled: 23-Nov-10 17:06 Received: 24-Nov-10 14:28							
Total Petroleum Hydrocarbons @ Gasoline	**90**	10	mg/kg	10	02-Dec-10	8015M	
Surr. Rec.:		*102 %*			"	"	

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argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

Terry Hamilton 1502 WestBrook Ct. Modesto, CA 95358	Project Number: Oakland, CA Project Name: The Salvation Army Project Manager: Terry Hamilton	Work Order No.: K011054

Total Petroleum Hydrocarbons @ Gasoline

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Pile Comp South (K011054-08) Soil Sampled: 23-Nov-10 17:18 Received: 24-Nov-10 14:28							
Total Petroleum Hydrocarbons @ Gasoline	ND	1.0	mg/kg	1	02-Dec-10	8015M	
Surr. Rec.:		*90 %*			"	"	
Pile Comp North (K011054-09) Soil Sampled: 23-Nov-10 17:20 Received: 24-Nov-10 14:28							**S-04**
Total Petroleum Hydrocarbons @ Gasoline	ND	1.0	mg/kg	1	02-Dec-10	8015M	
Surr. Rec.:		*13 %*			"	"	
Spoils in Pit (K011054-10) Soil Sampled: 23-Nov-10 17:45 Received: 24-Nov-10 14:28							
Total Petroleum Hydrocarbons @ Gasoline	**210**	40	mg/kg	40	02-Dec-10	8015M	
Surr. Rec.:		*102 %*			"	"	

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Argon Laboratories, Inc. California D.O.H.S. Cert. #2359

argon laboratories 2905 Railroad Ave. Ceres, CA 95307 (209)581-9280 Fax (209)581-9282

Terry Hamilton	Project Number: Oakland, CA	
1502 WestBrook Ct.	Project Name: The Salvation Army	Work Order No.:
Modesto, CA 95358	Project Manager: Terry Hamilton	K011054

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Diesel-North 14' (K011054-01) Soil Sampled: 23-Nov-10 16:20 Received: 24-Nov-10 14:28							
Benzene	**4.2**	2.0	mg/kg	400	02-Dec-10	8260B	
Toluene	**4.4**	2.0	"	"	"	"	
Xylenes, total	**190**	4.0	"	"	"	"	
Ethylbenzene	**52**	2.0	"	"	"	"	
t-Butanol	ND	20	"	"	"	"	
Methyl tert-Butyl Ether	ND	2.0	"	"	"	"	
Di-Isopropyl Ether	ND	2.0	"	"	"	"	
Ethyl tert-Butyl Ether	ND	2.0	"	"	"	"	
tert-Amyl Methyl Ether	ND	2.0	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	
Surr. Rec.:		*114 %*			"	"	
Diesel-South 14' (K011054-02) Soil Sampled: 23-Nov-10 16:42 Received: 24-Nov-10 14:28							
Benzene	**2.2**	2.0	mg/kg	400	02-Dec-10	8260B	
Toluene	**17**	2.0	"	"	"	"	
Xylenes, total	**270**	4.0	"	"	"	"	
Ethylbenzene	**71**	2.0	"	"	"	"	
t-Butanol	ND	20	"	"	"	"	
Methyl tert-Butyl Ether	ND	2.0	"	"	"	"	
Di-Isopropyl Ether	ND	2.0	"	"	"	"	
Ethyl tert-Butyl Ether	ND	2.0	"	"	"	"	
tert-Amyl Methyl Ether	ND	2.0	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	
Surr. Rec.:		*121 %*			"	"	

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Terry Hamilton	Project Number: Oakland, CA	
1502 WestBrook Ct.	Project Name: The Salvation Army	Work Order No.:
Modesto, CA 95358	Project Manager: Terry Hamilton	K011054

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Prior-West 14' (K011054-03) Soil Sampled: 23-Nov-10 16:30 Received: 24-Nov-10 14:28							
Benzene	ND	2.0	mg/kg	400	02-Dec-10	8260B	
Toluene	**4.3**	2.0	"	"	"	"	
Xylenes, total	**190**	4.0	"	"	"	"	
Ethylbenzene	**77**	2.0	"	"	"	"	
t-Butanol	ND	20	"	"	"	"	
Methyl tert-Butyl Ether	ND	2.0	"	"	"	"	
Di-Isopropyl Ether	ND	2.0	"	"	"	"	
Ethyl tert-Butyl Ether	ND	2.0	"	"	"	"	
tert-Amyl Methyl Ether	ND	2.0	"	"	"	"	
1,2-Dichloroethane	ND	2.0	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	2.0	"	"	"	"	
Surr. Rec.:		*122 %*			"	"	
Gas-East 14' (K011054-04) Soil Sampled: 23-Nov-10 16:48 Received: 24-Nov-10 14:28							
Benzene	ND	0.16	mg/kg	32	02-Dec-10	8260B	
Toluene	ND	0.16	"	"	"	"	
Xylenes, total	**4.4**	0.32	"	"	"	"	
Ethylbenzene	**2.8**	0.16	"	"	"	"	
t-Butanol	ND	1.6	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.16	"	"	"	"	
Di-Isopropyl Ether	ND	0.16	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.16	"	"	"	"	
tert-Amyl Methyl Ether	ND	0.16	"	"	"	"	
1,2-Dichloroethane	ND	0.16	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.16	"	"	"	"	
Surr. Rec.:		*114 %*			"	"	

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Terry Hamilton	Project Number: Oakland, CA	
1502 WestBrook Ct.	Project Name: The Salvation Army	Work Order No.:
Modesto, CA 95358	Project Manager: Terry Hamilton	K011054

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Gas-West 14' (K011054-05) Soil Sampled: 23-Nov-10 17:01 Received: 24-Nov-10 14:28							
Benzene	**0.71**	0.40	mg/kg	80	02-Dec-10	8260B	
Toluene	**2.6**	0.40	"	"	"	"	
Xylenes, total	**36**	0.80	"	"	"	"	
Ethylbenzene	**11**	0.40	"	"	"	"	
t-Butanol	ND	4.0	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.40	"	"	"	"	
Di-Isopropyl Ether	ND	0.40	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.40	"	"	"	"	
tert-Amyl Methyl Ether	ND	0.40	"	"	"	"	
1,2-Dichloroethane	ND	0.40	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.40	"	"	"	"	
Surr. Rec.:		*113 %*			"	"	
Gas-Center-17' (K011054-06) Soil Sampled: 23-Nov-10 17:35 Received: 24-Nov-10 14:28							
Benzene	**300**	16	mg/kg	3200	02-Dec-10	8260B	
Toluene	**1200**	16	"	"	"	"	
Xylenes, total	**1700**	32	"	"	"	"	
Ethylbenzene	**320**	16	"	"	"	"	
t-Butanol	ND	160	"	"	"	"	
Methyl tert-Butyl Ether	ND	16	"	"	"	"	
Di-Isopropyl Ether	ND	16	"	"	"	"	
Ethyl tert-Butyl Ether	ND	16	"	"	"	"	
tert-Amyl Methyl Ether	ND	16	"	"	"	"	
1,2-Dichloroethane	ND	16	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	16	"	"	"	"	
Surr. Rec.:		*116 %*			"	"	

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Terry Hamilton	Project Number: Oakland, CA	
1502 WestBrook Ct.	Project Name: The Salvation Army	Work Order No.:
Modesto, CA 95358	Project Manager: Terry Hamilton	K011054

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
BetweenTanks-14 (K011054-07) Soil Sampled: 23-Nov-10 17:06 Received: 24-Nov-10 14:28							
Benzene	ND	0.050	mg/kg	10	02-Dec-10	8260B	
Toluene	**0.063**	0.050	"	"	"	"	
Xylenes, total	**2.4**	0.10	"	"	"	"	
Ethylbenzene	**1.6**	0.050	"	"	"	"	
t-Butanol	ND	0.50	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.050	"	"	"	"	
Di-Isopropyl Ether	ND	0.050	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.050	"	"	"	"	
tert-Amyl Methyl Ether	ND	0.050	"	"	"	"	
1,2-Dichloroethane	ND	0.050	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.050	"	"	"	"	
Surr. Rec.:		*122 %*			"	"	
Pile Comp South (K011054-08) Soil Sampled: 23-Nov-10 17:18 Received: 24-Nov-10 14:28							
Benzene	ND	0.005	mg/kg	1	02-Dec-10	8260B	
Toluene	ND	0.005	"	"	"	"	
Xylenes, total	ND	0.010	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
t-Butanol	ND	0.050	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.005	"	"	"	"	
Di-Isopropyl Ether	ND	0.005	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.005	"	"	"	"	
tert-Amyl Methyl Ether	ND	0.005	"	"	"	"	
1,2-Dichloroethane	ND	0.005	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.005	"	"	"	"	
Surr. Rec.:		*114 %*			"	"	

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Terry Hamilton	Project Number: Oakland, CA	
1502 WestBrook Ct.	Project Name: The Salvation Army	Work Order No.:
Modesto, CA 95358	Project Manager: Terry Hamilton	K011054

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
Pile Comp North (K011054-09) Soil Sampled: 23-Nov-10 17:20 Received: 24-Nov-10 14:28							
Benzene	ND	0.005	mg/kg	1	02-Dec-10	8260B	
Toluene	ND	0.005	"	"	"	"	
Xylenes, total	ND	0.010	"	"	"	"	
Ethylbenzene	ND	0.005	"	"	"	"	
t-Butanol	ND	0.050	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.005	"	"	"	"	
Di-Isopropyl Ether	ND	0.005	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.005	"	"	"	"	
tert-Amyl Methyl Ether	ND	0.005	"	"	"	"	
1,2-Dichloroethane	ND	0.005	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.005	"	"	"	"	
Surr. Rec.:		*114 %*			"	"	
Spoils in Pit (K011054-10) Soil Sampled: 23-Nov-10 17:45 Received: 24-Nov-10 14:28							
Benzene	ND	0.20	mg/kg	40	02-Dec-10	8260B	
Toluene	ND	0.20	"	"	"	"	
Xylenes, total	**7.8**	0.40	"	"	"	"	
Ethylbenzene	**1.9**	0.20	"	"	"	"	
t-Butanol	ND	2.0	"	"	"	"	
Methyl tert-Butyl Ether	ND	0.20	"	"	"	"	
Di-Isopropyl Ether	ND	0.20	"	"	"	"	
Ethyl tert-Butyl Ether	ND	0.20	"	"	"	"	
tert-Amyl Methyl Ether	ND	0.20	"	"	"	"	
1,2-Dichloroethane	ND	0.20	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.20	"	"	"	"	
Surr. Rec.:		*125 %*			"	"	

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Terry Hamilton	Project Number: Oakland, CA	
1502 WestBrook Ct.	Project Name: The Salvation Army	Work Order No.:
Modesto, CA 95358	Project Manager: Terry Hamilton	K011054

Total Metals - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch K001773 - EPA 3050B										
Blank (K001773-BLK1)				Prepared & Analyzed: 11/29/10						
Lead	ND	1.0	mg/kg							
LCS (K001773-BS1)				Prepared & Analyzed: 11/29/10						
Lead	10.3		mg/kg	10		103	80-120			
LCS Dup (K001773-BSD1)				Prepared & Analyzed: 11/29/10						
Lead	9.10		mg/kg	10		91	80-120	12	20	
Matrix Spike (K001773-MS1)	**Source: K011054-02**			Prepared & Analyzed: 11/29/10						
Lead	18.2		mg/kg	10	7.90	103	70-130			
Matrix Spike Dup (K001773-MSD1)	**Source: K011054-02**			Prepared & Analyzed: 11/29/10						
Lead	18.9		mg/kg	10	7.90	110	70-130	4	20	

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Terry Hamilton	Project Number: Oakland, CA	
1502 WestBrook Ct.	Project Name: The Salvation Army	Work Order No.:
Modesto, CA 95358	Project Manager: Terry Hamilton	K011054

Total Petroleum Hydrocarbons @ Diesel - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch K001786 - EPA 3550B										
Blank (K001786-BLK1)				Prepared: 11/26/10 Analyzed: 12/26/10						
Surrogate: p-Terphenyl	*0.0890*		*mg/kg*	*0.10*		*89*	*70-130*			
Diesel	ND	5.0	"							
LCS (K001786-BS1)				Prepared: 11/26/10 Analyzed: 12/26/10						
Diesel	207		mg/kg	200		104	80-120			
LCS Dup (K001786-BSD1)				Prepared: 11/26/10 Analyzed: 12/26/10						
Diesel	209		mg/kg	200		104	80-120	1	20	
Matrix Spike (K001786-MS1)	**Source: K011054-08**			Prepared: 11/26/10 Analyzed: 12/26/10						
Diesel	190		mg/kg	200	ND	95	70-130			
Matrix Spike Dup (K001786-MSD1)	**Source: K011054-08**			Prepared: 11/26/10 Analyzed: 12/26/10						
Diesel	190		mg/kg	200	ND	95	70-130	0	20	

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Terry Hamilton	Project Number: Oakland, CA	
1502 WestBrook Ct.	Project Name: The Salvation Army	Work Order No.:
Modesto, CA 95358	Project Manager: Terry Hamilton	K011054

Total Petroleum Hydrocarbons @ Gasoline - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch K001785 - EPA 5030B										
Blank (K001785-BLK1)				Prepared & Analyzed: 12/02/10						
Surrogate: a,a,a-Trifluorotoluene	*0.0455*		*mg/kg*	*0.050*		*91*	*70-130*			
Total Petroleum Hydrocarbons @ Gasoline	ND	1.0	"							
LCS (K001785-BS1)				Prepared & Analyzed: 12/02/10						
Total Petroleum Hydrocarbons @ Gasoline	0.98		mg/kg	1.0		98	80-120			
LCS Dup (K001785-BSD1)				Prepared & Analyzed: 12/02/10						
Total Petroleum Hydrocarbons @ Gasoline	0.99		mg/kg	1.0		99	80-120	1	20	
Matrix Spike (K001785-MS1)		**Source: K011054-08**		Prepared & Analyzed: 12/02/10						
Total Petroleum Hydrocarbons @ Gasoline	0.66		mg/kg	1.0	ND	66	70-130			QM-01
Matrix Spike Dup (K001785-MSD1)		**Source: K011054-08**		Prepared & Analyzed: 12/02/10						
Total Petroleum Hydrocarbons @ Gasoline	0.62		mg/kg	1.0	ND	62	70-130	6	20	QM-01

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Terry Hamilton	Project Number: Oakland, CA	
1502 WestBrook Ct.	Project Name: The Salvation Army	Work Order No.:
Modesto, CA 95358	Project Manager: Terry Hamilton	K011054

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch K001787 - EPA 5030B										
Blank (K001787-BLK1)				Prepared & Analyzed: 12/02/10						
Surrogate: Fluorobenzene	*0.0585*		*mg/kg*	*0.050*		*117*	*70-130*			
Benzene	ND	0.005	"							
Toluene	ND	0.005	"							
Xylenes, total	ND	0.010	"							
Ethylbenzene	ND	0.005	"							
t-Butanol	ND	0.050	"							
Methyl tert-Butyl Ether	ND	0.005	"							
Di-Isopropyl Ether	ND	0.005	"							
Ethyl tert-Butyl Ether	ND	0.005	"							
tert-Amyl Methyl Ether	ND	0.005	"							
1,2-Dichloroethane	ND	0.005	"							
1,2-Dibromoethane (EDB)	ND	0.005	"							
LCS (K001787-BS1)				Prepared & Analyzed: 12/02/10						
Methyl tert-Butyl Ether	0.026		mg/kg	0.025		102	80-120			
LCS Dup (K001787-BSD1)				Prepared & Analyzed: 12/02/10						
Methyl tert-Butyl Ether	0.023		mg/kg	0.025		90	80-120	12	20	
Matrix Spike (K001787-MS1)		**Source: K011054-08**		Prepared & Analyzed: 12/02/10						
Ethylbenzene	0.024		mg/kg	0.025	ND	98	70-130			
Matrix Spike Dup (K001787-MSD1)		**Source: K011054-08**		Prepared & Analyzed: 12/02/10						
Ethylbenzene	0.024		mg/kg	0.025	ND	98	70-130	0.4	20	

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Terry Hamilton	Project Number: Oakland, CA	
1502 WestBrook Ct.	Project Name: The Salvation Army	Work Order No.:
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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-01	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interference.
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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