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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 double 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.

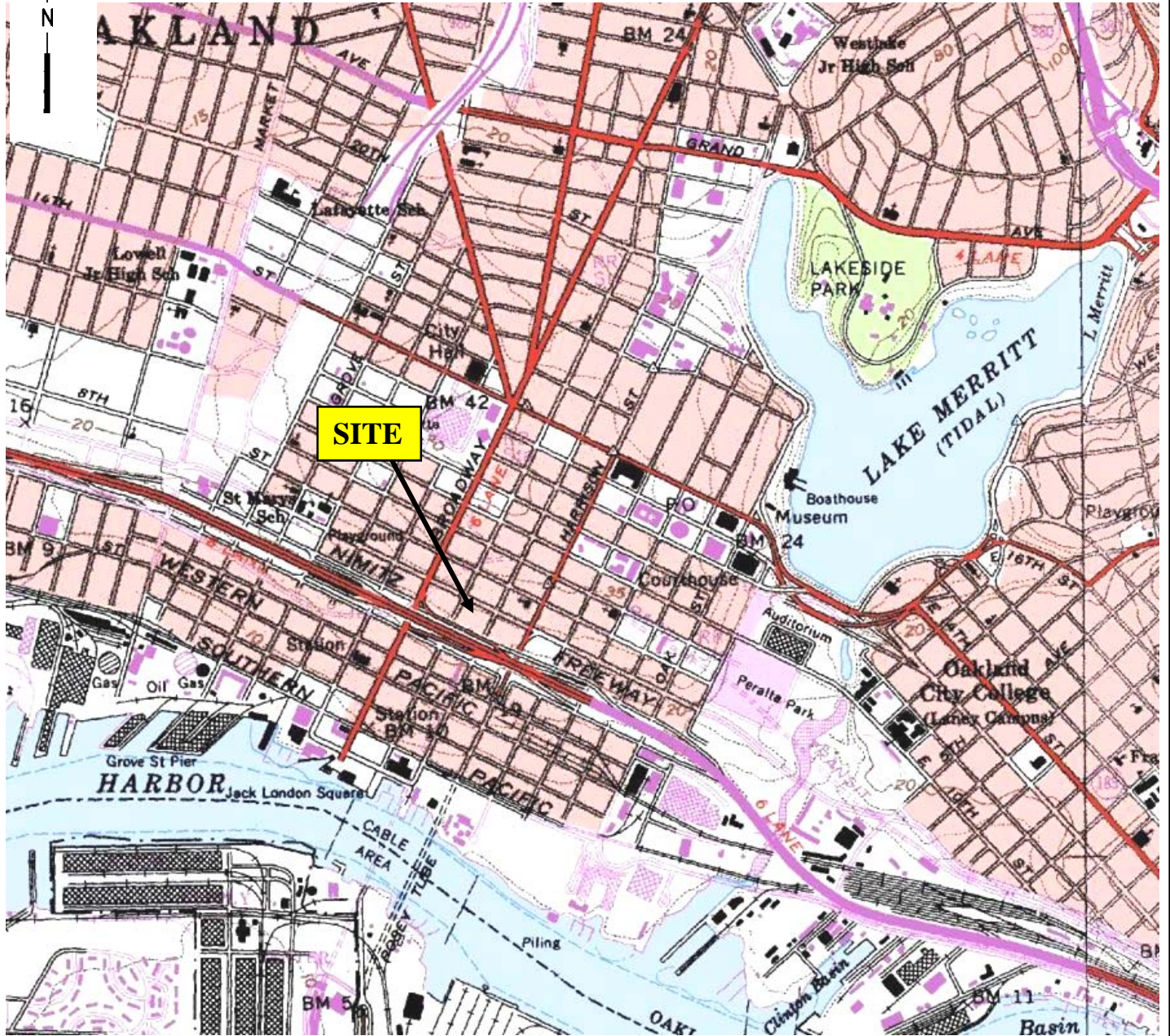
If you have any questions or require additional information regarding this report, please contact me at (209) 404-7700.

Respectfully submitted,


Terry D. Hamilton
Contractor

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

FIGURES



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

FIGURE 1
SITE LOCATION MAP

THE SALVATION ARMY
 601 WEBSTER STREET
 OAKLAND, CALIFORNIA



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

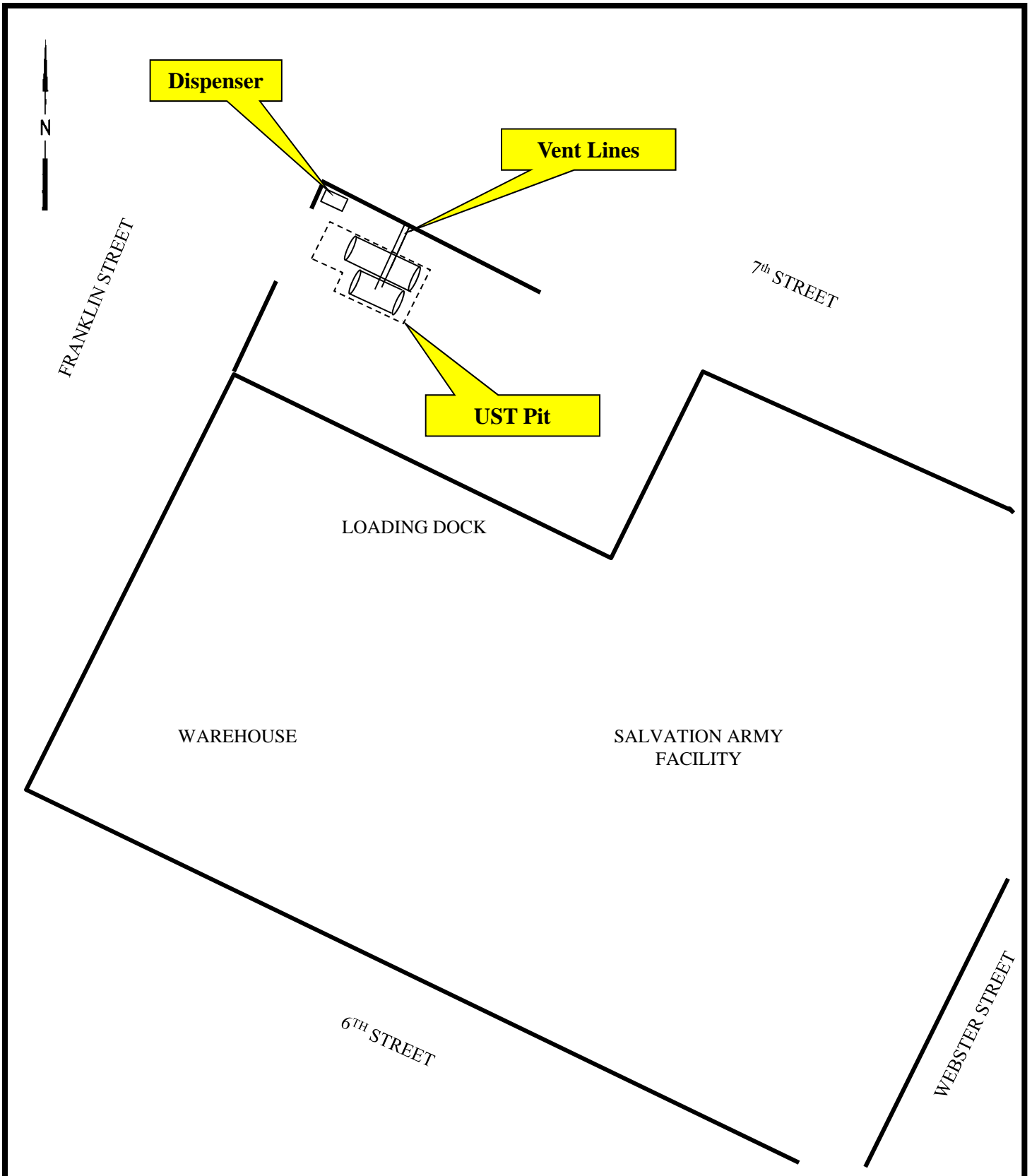


FIGURE 3

SITE MAP

THE SALVATION ARMY
601 WEBSTER STREET
OAKLAND, CALIFORNIA



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

PROJECT NO: 054.41116.0001

DESIGNED BY: JK

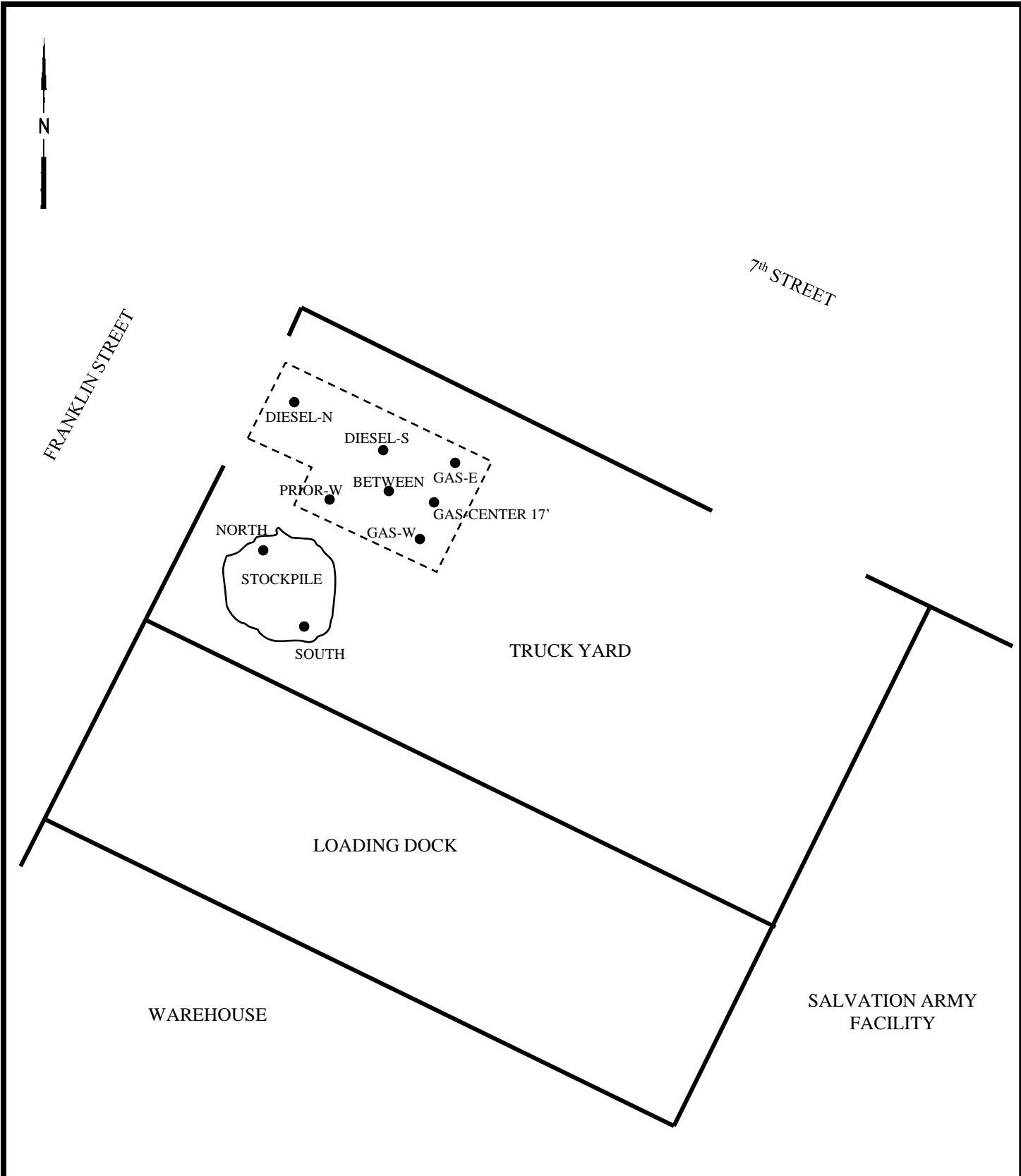
SCALE: 1:24,000

REVIEWED BY: JH

DRAWN BY: JK

DATE: 12/10

FILE: LOCATION



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



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

TABLES

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

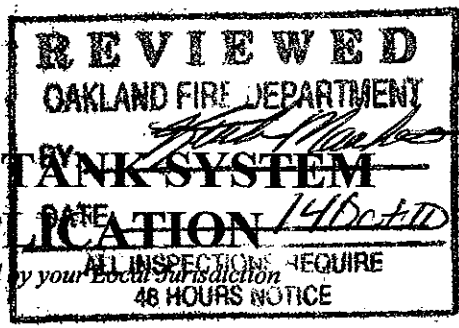
<MDLs - Not Detected at or Above Stated Method Detection Limit

a - See Laboratory Data Sheets for Laboratory Method Detection Limits (MDLs)

Fuel Oxygenates - Fuel Oxygenates by EPA Method 8260 or 8260B; Only Constituents which were detected are listed

ATTACHMENTS

ATTACHMENT 1



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, MIBE, TAME, ETBE, DIPE, TBA, EDB, HDC (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:	<u>Size (gallons)</u>	<u>Substance(s) Previously Contained</u>
Tank 1	<u>10,000</u>	<u>Gasoline</u>
Tank 2	<u>10,000</u>	<u>Diesel</u>
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
Applicant/Agent's Name (Print)

Terry D. Hamilton
Applicant/Agent's Signature

10/4/2010
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.

FIELD 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	<input checked="" type="checkbox"/> 1. PRESSURE	<input type="checkbox"/> 2. SUCTION	<input type="checkbox"/> 3. GRAVITY	458	<input type="checkbox"/> 1. PRESSURE	<input type="checkbox"/> 2. SUCTION	<input type="checkbox"/> 3. GRAVITY	459
CONSTRUCTION	<input checked="" type="checkbox"/> 1. SINGLE WALL	<input type="checkbox"/> 3. LINED TRENCH	<input type="checkbox"/> 99. OTHER	460	<input type="checkbox"/> 1. SINGLE WALL	<input type="checkbox"/> 95. UNKNOWN		462
MANUFACTURER	<input type="checkbox"/> 2. DOUBLE WALL	<input checked="" type="checkbox"/> 95. UNKNOWN		461	<input type="checkbox"/> 2. DOUBLE WALL	<input type="checkbox"/> 99. OTHER		463
	<input checked="" type="checkbox"/> 1. BARE STEEL	<input type="checkbox"/> 6. FRP COMPATIBLE w/100% METHANOL	<input type="checkbox"/> 1. BARE STEEL		<input type="checkbox"/> 6. FRP COMPATIBLE w/100% METHANOL			
	<input type="checkbox"/> 2. STAINLESS STEEL	<input type="checkbox"/> 7. GALVANIZED STEEL	<input type="checkbox"/> 2. STAINLESS STEEL		<input type="checkbox"/> 7. GALVANIZED STEEL			
	<input type="checkbox"/> 3. PLASTIC COMPATIBLE W/ CONTENTS	<input type="checkbox"/> 99. Other	<input type="checkbox"/> 3. PLASTIC COMPATIBLE W/ CONTENTS		<input type="checkbox"/> 8. FLEXIBLE (HDPE)	<input type="checkbox"/> 99. OTHER		
	<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 8. FLEXIBLE (HDPE)	<input type="checkbox"/> 4. FIBERGLASS		<input type="checkbox"/> 9. CATHODIC PROTECTION			
	<input type="checkbox"/> 5. STEEL W/COATING	<input type="checkbox"/> 9. CATHODIC PROTECTION	<input type="checkbox"/> 5. STEEL W/COATING	464	<input type="checkbox"/> 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		ABOVEGROUND PIPING	
SINGLE WALL PIPING 466		SINGLE WALL PIPING 467	
PRESSURIZED PIPING (Check all that apply):		PRESSURIZED PIPING (Check all that apply):	
<input type="checkbox"/> 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.		<input type="checkbox"/> 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.	
<input type="checkbox"/> 2. MONTHLY 0.2 GPH TEST		<input type="checkbox"/> 2. MONTHLY 0.2 GPH TEST	
<input type="checkbox"/> 3. ANNUAL INTEGRITY TEST (0.1GPH)		<input type="checkbox"/> 3. ANNUAL INTEGRITY TEST (0.1GPH)	
CONVENTIONAL SUCTION SYSTEMS		CONVENTIONAL SUCTION SYSTEMS (Check all that apply)	
<input type="checkbox"/> 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)		<input type="checkbox"/> 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM	
SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):		SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):	
<input type="checkbox"/> 7. SELF MONITORING		<input type="checkbox"/> 6. TRIENNIAL INTEGRITY TEST (0.1 GPH)	
GRAVITY FLOW		GRAVITY FLOW (Check all that apply):	
<input type="checkbox"/> 9. BIENNIAL INTEGRITY TEST (0.1 GPH)		<input type="checkbox"/> 8. DAILY VISUAL MONITORING	
		<input type="checkbox"/> 9. BIENNIAL INTEGRITY TEST (0.1 GPH)	
SECONDARILY CONTAINED PIPING		SECONDARILY CONTAINED PIPING	
PRESSURIZED PIPING (Check all that apply):		PRESSURIZED PIPING (Check all that apply):	
10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)		10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)	
<input type="checkbox"/> a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS		<input type="checkbox"/> a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS	
<input type="checkbox"/> b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION		<input type="checkbox"/> b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION	
<input type="checkbox"/> c. NO AUTO PUMP SHUT OFF		<input type="checkbox"/> c. NO AUTO PUMP SHUT OFF	
<input type="checkbox"/> 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION		<input type="checkbox"/> 11. AUTOMATIC LEAK DETECTOR	
<input type="checkbox"/> 12. ANNUAL INTEGRITY TEST (0.1 GPH)		<input type="checkbox"/> 12. ANNUAL INTEGRITY TEST (0.1 GPH)	
SUCTION/GRAVITY SYSTEM		SUCTION/GRAVITY SYSTEM	
<input type="checkbox"/> 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS		<input type="checkbox"/> 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS	
EMERGENCY GENERATORS ONLY (Check all that apply)		EMERGENCY GENERATORS ONLY (Check all that apply)	
<input type="checkbox"/> 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS		<input type="checkbox"/> 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF * AUDIBLE AND VISUAL ALARMS	
<input type="checkbox"/> 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION		<input type="checkbox"/> 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)	
<input type="checkbox"/> 16. ANNUAL INTEGRITY TEST (0.1 GPH)		<input type="checkbox"/> 16. ANNUAL INTEGRITY TEST (0.1 GPH)	
<input type="checkbox"/> 17. DAILY VISUAL CHECK		<input type="checkbox"/> 17. DAILY VISUAL CHECK	

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT	<input type="checkbox"/> 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE	<input type="checkbox"/> 4. DAILY VISUAL CHECK
DATE INSTALLED	468	<input type="checkbox"/> 5. TRENCH LINER / MONITORING
	<input type="checkbox"/> 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS	<input checked="" type="checkbox"/> 6. NONE
	<input type="checkbox"/> 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS	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	DATE
<i>Jerry Hamilton</i>	10-4-10
NAME OF OWNER/OPERATOR (print)	TITLE OF OWNER/OPERATOR
The Salvation Army	Contractor

UNDERGROUND STORAGE TANKS - TANK PAGE 1

(two pages per tank)

TYPE OF ACTION 1 NEW SITE PERMIT 4 AMENDED PERMIT 5 CHANGE OF INFORMATION 6 TEMPORARY SITE CLOSURE
 (Check one item only) 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) The Salvation Army 3 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 # 2 432 TANK MANUFACTURER Unknown 433 COMPARTMENTALIZED TANK Yes No 434
 DATE INSTALLED (YEAR/MO) Unknown 435 TANK CAPACITY IN GALLONS 10,000 436 NUMBER OF COMPARTMENTS one 437
 ADDITIONAL DESCRIPTION (For local use only) _____ 438

II. TANK CONTENTS

TANK USE 439 PETROLEUM TYPE 440
 1. MOTOR VEHICLE FUEL (If marked complete Petroleum Type) 1a. REGULAR UNLEADED 2. LEADED 5. JET FUEL
 2. NON-FUEL PETROLEUM 1b. PREMIUM UNLEADED 3. DIESEL 6. AVIATION FUEL
 3. CHEMICAL PRODUCT 1c. MIDGRADE UNLEADED 4. GASOHOL 99. OTHER
 4. HAZARDOUS WASTE (Includes Used Oil)
 95. UNKNOWN
 COMMON NAME (from Hazardous Materials Inventory page) Diesel Fuel 441 CAS# (from Hazardous Materials Inventory page) _____ 442

III. TANK CONSTRUCTION

TYPE OF TANK 1. SINGLE WALL 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM 443
 2. DOUBLE WALL 4. SINGLE WALL IN VAULT 95. UNKNOWN
 99. OTHER
 TANK MATERIAL - primary tank (Check one item only) 1. BARE STEEL 3. FIBERGLASS / PLASTIC 5. CONCRETE 95. UNKNOWN 444
 2. STAINLESS STEEL 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) 8. FRP COMPATIBLE W/100% METHANOL 99. OTHER
 TANK MATERIAL - secondary tank (Check one item only) 1. BARE STEEL 3. FIBERGLASS / PLASTIC 5. CONCRETE 95. UNKNOWN 445
 2. STAINLESS STEEL 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) 8. FRP COMPATIBLE W/100% METHANOL 99. OTHER
 10. COATED STEEL
NA

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

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

SPILL AND OVERFILL (Check all that apply) YEAR INSTALLED _____ 450 TYPE (local use only) _____ 451 OVERFILL PROTECTION EQUIPMENT YEAR INSTALLED _____ 452
 1 SPILL CONTAINMENT 1 ALARM 3 FILL TUBE SHUT OFF VALVE
 2 DROP TUBE 2 BALL FLOAT 4 EXEMPT
 3 STRIKER PLATE

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 IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only) 454
 1 VISUAL (EXPOSED PORTION ONLY) 5 MANUAL TANK GAUGING (MTG) 1 VISUAL (SINGLE WALL IN VAULT ONLY)
 2 AUTOMATIC TANK GAUGING (ATG) 6 VADOSE ZONE 2 CONTINUOUS INTERSTITIAL MONITORING
 3 CONTINUOUS ATG 7 GROUNDWATER 3 MANUAL MONITORING
 4 STATISTICAL INVENTORY RECONCILIATION (SIR) BIENNIAL TANK TESTING 8 TANK TESTING 99 OTHER
 99 OTHER NA

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) _____ 455 ESTIMATED QUANTITY OF SUBSTANCE REMAINING 25 gallons 456 TANK FILLED WITH INERT MATERIAL? Yes No 457

UNIFIED PROGRAM CONSOLIDATED FC

TANKS

UNDERGROUND STORAGE TANKS - TANK PAGE 1

(two pages per tank)

Page ____ of ____

TYPE OF ACTION 1 NEW SITE PERMIT 4 AMENDED PERMIT 5 CHANGE OF INFORMATION 6 TEMPORARY SITE CLOSURE
 (Check one item only) 7 PERMANENTLY CLOSED ON SITE 8 TANK REMOVED 430

3 RENEWAL PERMIT (Specify reason -- for local use only) (Specify reason -- for local use only)

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) The Salvation Army 3 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 # <u>1</u> 432	TANK MANUFACTURER <u>Unknown</u> 433	COMPARTMENTALIZED TANK <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 434 <small>If "Yes", complete one page for each compartment.</small>
DATE INSTALLED (YEAR/MO) <u>Unknown</u> 435	TANK CAPACITY IN GALLONS <u>10,000</u> 436	NUMBER OF COMPARTMENTS <u>one</u> 437
ADDITIONAL DESCRIPTION (For local use only) _____ 438		

II. TANK CONTENTS

<input checked="" type="checkbox"/> 1. MOTOR VEHICLE FUEL (If marked complete Petroleum Type) <input type="checkbox"/> 2. NON-FUEL PETROLEUM <input type="checkbox"/> 3. CHEMICAL PRODUCT <input type="checkbox"/> 4. HAZARDOUS WASTE (Includes Used Oil) <input type="checkbox"/> 95. UNKNOWN	PETROLEUM TYPE 439 <input checked="" type="checkbox"/> 1a. REGULAR UNLEADED <input type="checkbox"/> 2. LEADED <input type="checkbox"/> 5. JET FUEL <input type="checkbox"/> 1b. PREMIUM UNLEADED <input type="checkbox"/> 3. DIESEL <input type="checkbox"/> 6. AVIATION FUEL <input type="checkbox"/> 1c. MIDGRADE UNLEADED <input type="checkbox"/> 4. GASOHOL <input type="checkbox"/> 99. OTHER	440
	COMMON NAME (from Hazardous Materials Inventory page) 441 <u>Unleaded Gasoline</u>	CAS# (from Hazardous Materials Inventory page) 442 _____

III. TANK CONSTRUCTION

TYPE OF TANK (Check one item only) <input checked="" type="checkbox"/> 1. SINGLE WALL <input type="checkbox"/> 3. SINGLE WALL WITH EXTERIOR MEMBRANE LINER <input type="checkbox"/> 5. SINGLE WALL WITH INTERNAL BLADDER SYSTEM <input type="checkbox"/> 95. UNKNOWN <input type="checkbox"/> 2. DOUBLE WALL <input type="checkbox"/> 4. SINGLE WALL IN VAULT <input type="checkbox"/> 99. OTHER	443
TANK MATERIAL - primary tank (Check one item only) <input checked="" type="checkbox"/> 1. BARE STEEL <input type="checkbox"/> 3. FIBERGLASS / PLASTIC <input type="checkbox"/> 5. CONCRETE <input type="checkbox"/> 95. UNKNOWN <input type="checkbox"/> 2. STAINLESS STEEL <input type="checkbox"/> 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) <input type="checkbox"/> 8. FRP COMPATIBLE W/100% METHANOL <input type="checkbox"/> 99. OTHER	444
TANK MATERIAL - secondary tank (Check one item only) <input type="checkbox"/> 1. BARE STEEL <input type="checkbox"/> 3. FIBERGLASS / PLASTIC <input type="checkbox"/> 5. CONCRETE <input type="checkbox"/> 95. UNKNOWN <input type="checkbox"/> 2. STAINLESS STEEL <input type="checkbox"/> 4. STEEL CLAD W/FIBERGLASS REINFORCED PLASTIC (FRP) <input type="checkbox"/> 8. FRP COMPATIBLE W/100% METHANOL <input type="checkbox"/> 99. OTHER <input type="checkbox"/> 10. COATED STEEL	445
TANK INTERIOR LINING (Check one item only) <input type="checkbox"/> 1. RUBBER LINED <input type="checkbox"/> 3. EPOXY LINING <input type="checkbox"/> 5. GLASS LINING <input checked="" type="checkbox"/> 95. UNKNOWN <input type="checkbox"/> 99. OTHER	446
OR COATING (Check one item only) <input type="checkbox"/> 2. ALKYD LINING <input type="checkbox"/> 4. PHENOLIC LINING <input type="checkbox"/> 6. UNLINED <input type="checkbox"/> 99. OTHER	447
OTHER CORROSION PROTECTION IF APPLICABLE (Check one item only) <input type="checkbox"/> 1. MANUFACTURED CATHODIC <input type="checkbox"/> 3. FIBERGLASS REINFORCED PLASTIC <input checked="" type="checkbox"/> 95. UNKNOWN <input type="checkbox"/> 99. OTHER <input type="checkbox"/> 2. SACRIFICIAL ANODE <input type="checkbox"/> 4. IMPRESSED CURRENT	448
SPILL AND OVERFILL (Check all that apply) <input checked="" type="checkbox"/> 1. SPILL CONTAINMENT <input type="checkbox"/> 3. STRIKER PLATE <input checked="" type="checkbox"/> 2. DROP TUBE	450
YEAR INSTALLED _____ 450 TYPE (local use only) _____ 451	451
OVERFILL PROTECTION EQUIPMENT (Check one item only) <input type="checkbox"/> 1. ALARM <input type="checkbox"/> 2. BALL FLOAT <input checked="" type="checkbox"/> 3. FILL TUBE SHUT OFF VALVE <input type="checkbox"/> 4. EXEMPT	452

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 <input type="checkbox"/> 1. VISUAL (EXPOSED PORTION ONLY) <input type="checkbox"/> 5. MANUAL TANK GAUGING (MTG) <input type="checkbox"/> 2. AUTOMATIC TANK GAUGING (ATG) <input type="checkbox"/> 6. VADOSE ZONE <input type="checkbox"/> 3. CONTINUOUS ATG <input type="checkbox"/> 7. GROUNDWATER <input type="checkbox"/> 4. STATISTICAL INVENTORY RECONCILIATION (SIR) BIENNIAL TANK TESTING <input type="checkbox"/> 8. TANK TESTING <input type="checkbox"/> 99. OTHER	IF DOUBLE WALL TANK OR TANK WITH BLADDER (Check one item only) 454 <input type="checkbox"/> 1. VISUAL (SINGLE WALL IN VAULT ONLY) <input type="checkbox"/> 2. CONTINUOUS INTERSTITIAL MONITORING <input type="checkbox"/> 3. MANUAL MONITORING
<u>N/A</u>	

IV. TANK CLOSURE INFORMATION / PERMANENT CLOSURE IN PLACE

ESTIMATED DATE LAST USED (YR/MO/DAY) <u>10/9/28</u> 455	ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>2.5</u> gallons 456	TANK FILLED WITH INERT MATERIAL? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 457
---	--	--

D/F

TANK

UNDERGROUND STORAGE TANKS - TANK PAGE 2

VI. PIPING CONSTRUCTION (Check all that apply)

Page ___ of ___

UNDERGROUND PIPING			ABOVEGROUND PIPING						
SYSTEM TYPE	<input checked="" type="checkbox"/> 1. PRESSURE	<input type="checkbox"/> 2. SUCTION	<input type="checkbox"/> 3. GRAVITY	458	<input type="checkbox"/> 1. PRESSURE	<input type="checkbox"/> 2. SUCTION	<input type="checkbox"/> 3. GRAVITY	459	
CONSTRUCTION	<input type="checkbox"/> 1. SINGLE WALL	<input type="checkbox"/> 3. LINED TRENCH	<input type="checkbox"/> 99. OTHER	460	<input type="checkbox"/> 1. SINGLE WALL	<input type="checkbox"/> 95. UNKNOWN		462	
MANUFACTURER	<input type="checkbox"/> 2. DOUBLE WALL	<input checked="" type="checkbox"/> 95. UNKNOWN			<input type="checkbox"/> 2. DOUBLE WALL	<input type="checkbox"/> 99. OTHER			
MANUFACTURER				461	MANUFACTURER				463
<input checked="" type="checkbox"/> 1. BARE STEEL	<input type="checkbox"/> 6. FRP COMPATIBLE w/100% METHANOL	<input type="checkbox"/> Unknown			<input type="checkbox"/> 1. BARE STEEL	<input type="checkbox"/> 6. FRP COMPATIBLE w/100% METHANOL			
<input type="checkbox"/> 2. STAINLESS STEEL	<input type="checkbox"/> 7. GALVANIZED STEEL	<input type="checkbox"/> 99. Other			<input type="checkbox"/> 2. STAINLESS STEEL	<input type="checkbox"/> 7. GALVANIZED STEEL			
<input type="checkbox"/> 3. PLASTIC COMPATIBLE W/ CONTENTS					<input type="checkbox"/> 3. PLASTIC COMPATIBLE W/ CONTENTS	<input type="checkbox"/> 8. FLEXIBLE (HDPE)	<input type="checkbox"/> 99. OTHER		
<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 8. FLEXIBLE (HDPE)				<input type="checkbox"/> 4. FIBERGLASS	<input type="checkbox"/> 9. CATHODIC PROTECTION			
<input type="checkbox"/> 5. STEEL W/COATING	<input type="checkbox"/> 9. CATHODIC PROTECTION		464		<input type="checkbox"/> 5. STEEL W/COATING	<input type="checkbox"/> 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		ABOVEGROUND PIPING	
SINGLE WALL PIPING		SINGLE WALL PIPING	
PRESSURIZED PIPING (Check all that apply):		PRESSURIZED PIPING (Check all that apply):	
<input type="checkbox"/> 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.		<input type="checkbox"/> 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.	
<input type="checkbox"/> 2. MONTHLY 0.2 GPH TEST		<input type="checkbox"/> 2. MONTHLY 0.2 GPH TEST	
<input type="checkbox"/> 3. ANNUAL INTEGRITY TEST (0.1GPH)		<input type="checkbox"/> 3. ANNUAL INTEGRITY TEST (0.1GPH)	
CONVENTIONAL SUCTION SYSTEMS		CONVENTIONAL SUCTION SYSTEMS (Check all that apply)	
<input type="checkbox"/> 5. DAILY VISUAL MONITORING OF PUMPING SYSTEM + TRIENNIAL PIPING INTEGRITY TEST (0.1 GPH)		<input type="checkbox"/> 5. DAILY VISUAL MONITORING OF PIPING AND PUMPING SYSTEM	
SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):		SAFE SUCTION SYSTEMS (NO VALVES IN BELOW GROUND PIPING):	
<input type="checkbox"/> 7. SELF MONITORING		<input type="checkbox"/> 7. SELF MONITORING	
GRAVITY FLOW		GRAVITY FLOW (Check all that apply):	
<input type="checkbox"/> 9. BIENNIAL INTEGRITY TEST (0.1 GPH)		<input type="checkbox"/> 8. DAILY VISUAL MONITORING	
		<input type="checkbox"/> 9. BIENNIAL INTEGRITY TEST (0.1 GPH)	
SECONDARILY CONTAINED PIPING		SECONDARILY CONTAINED PIPING	
PRESSURIZED PIPING (Check all that apply):		PRESSURIZED PIPING (Check all that apply):	
10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)		10. CONTINUOUS TURBINE SUMP SENSOR WITH AUDIBLE AND VISUAL ALARMS AND (Check one)	
<input type="checkbox"/> a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS		<input type="checkbox"/> a. AUTO PUMP SHUT OFF WHEN A LEAK OCCURS	
<input type="checkbox"/> b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION		<input type="checkbox"/> b. AUTO PUMP SHUT OFF FOR LEAKS, SYSTEM FAILURE AND SYSTEM DISCONNECTION	
<input type="checkbox"/> c. NO AUTO PUMP SHUT OFF		<input type="checkbox"/> c. NO AUTO PUMP SHUT OFF	
<input type="checkbox"/> 11. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITH FLOW SHUT OFF OR RESTRICTION		<input type="checkbox"/> 11. AUTOMATIC LEAK DETECTOR	
<input type="checkbox"/> 12. ANNUAL INTEGRITY TEST (0.1 GPH)		<input type="checkbox"/> 12. ANNUAL INTEGRITY TEST (0.1 GPH)	
SUCTION/GRAVITY SYSTEM		SUCTION/GRAVITY SYSTEM	
<input type="checkbox"/> 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS		<input type="checkbox"/> 13. CONTINUOUS SUMP SENSOR + AUDIBLE AND VISUAL ALARMS	
EMERGENCY GENERATORS ONLY (Check all that apply)		EMERGENCY GENERATORS ONLY (Check all that apply)	
<input type="checkbox"/> 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF + AUDIBLE AND VISUAL ALARMS		<input type="checkbox"/> 14. CONTINUOUS SUMP SENSOR WITHOUT AUTO PUMP SHUT OFF + AUDIBLE AND VISUAL ALARMS	
<input type="checkbox"/> 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST) WITHOUT FLOW SHUT OFF OR RESTRICTION		<input type="checkbox"/> 15. AUTOMATIC LINE LEAK DETECTOR (3.0 GPH TEST)	
<input type="checkbox"/> 16. ANNUAL INTEGRITY TEST (0.1 GPH)		<input type="checkbox"/> 16. ANNUAL INTEGRITY TEST (0.1 GPH)	
<input type="checkbox"/> 17. DAILY VISUAL CHECK		<input type="checkbox"/> 17. DAILY VISUAL CHECK	

VIII. DISPENSER CONTAINMENT

DISPENSER CONTAINMENT	<input type="checkbox"/> 1. FLOAT MECHANISM THAT SHUTS OFF SHEAR VALVE	<input type="checkbox"/> 4. DAILY VISUAL CHECK
DATE INSTALLED	468	<input type="checkbox"/> 5. FRENCH LINER / MONITORING
	<input type="checkbox"/> 2. CONTINUOUS DISPENSER PAN SENSOR + AUDIBLE AND VISUAL ALARMS	<input checked="" type="checkbox"/> 6. NONE
	<input type="checkbox"/> 3. CONTINUOUS DISPENSER PAN SENSOR WITH AUTO SHUT OFF FOR DISPENSER + AUDIBLE AND VISUAL ALARMS	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	DATE	470
<i>Jerry D. Hamilton</i>	10-4-10	
NAME OF OWNER/OPERATOR (print)	TITLE OF OWNER/OPERATOR	472
The Salvation Army	Contractor	

Amended

11-22-10

UNDERGROUND STORAGE TANK SYSTEM CLOSURE PERMIT APPLICATION

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

- 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
- Tank Owner's Name: THE SALVATION ARMY
 Address: 601 Webster Street City: Oakland Zip: 94607
- Tank Operator's Name: THE SALVATION ARMY
 Address: 601 Webster Street City: Oakland Zip: 94607
- Applicant's Name: Terry D. Hamilton
 Address: 1502 Westbrook Court City: Modesto Zip: 95358
 Contact Person: Terry Hamilton Phone No.: (209) 404-7700
- 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
- Firm that will take soil/water samples: ATC Associates, Inc. Phone No.: (209) 579-2221
- 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.

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

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
Applicant/Agent's Name (Print)


Applicant/Agent's Signature

11/22/2010
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.

ATTACHMENT 2

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.

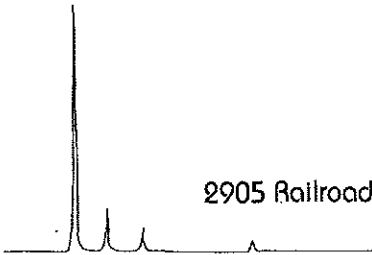
The sample(s) will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Sample(s) may be archived by prior arrangement.

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: 2010028C.O.1 Project Title: The Salvation Army ("TSA") (UST) Location: 601 Webster St Oakland (Removal)				Consultant: Terry D. Hamilton Address: 1502 Westbrook Court Modesto, CA 95358 Contact: Modesto, CA 95358 Phone: (209) 464-7700 Fax: (209) 577-3553													
Sampler's Name: Terry D. Hamilton (print) Sampler's Signature: Terry D. Hamilton				Bill To: Client: Same As Above Address:				<input type="checkbox"/> EDF Required									
TURN AROUND TIME				ANALYSIS													
RUSH <input type="checkbox"/>		24 Hour <input checked="" type="checkbox"/>		48 Hour <input type="checkbox"/>		5-day Rush <input type="checkbox"/>		Standard (10 days) <input type="checkbox"/>		<i>TPH Gas</i>		<i>TPH Diesel</i>		<i>BTEX</i>			
Need Quote For 24 hr												COMMENTS					
Sample ID.	Date	Time	# Containers	Matrix													
<i>NW#1</i>	<i>11-20-10</i>	<i>2:00PM</i>	<i>1</i>	<i>Sandy Soil</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	
<i>@ 12' bgs</i>	<i>11-1-10</i>	<i>4:00PM</i>															
Relinquished By: <i>Terry D. Hamilton</i>				Date: <i>11-02-10</i>		Time: <i>1:10:00PM</i>		Received By: <i>Sharon Hamilton</i>				Date: <i>11-02-10</i>		Time: <i>1:10:00PM</i>		SPECIAL INSTRUCTIONS:	
Relinquished By: <i>Sharon Hamilton</i>				Date: <i>11-2-10</i>		Time: <i>1:45</i>		Received By: <i>[Signature]</i>				Date: <i>11/02/10</i>		Time: <i>13:45</i>			
Relinquished By:				Date:		Time:		Received By:				Date:		Time:			

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 under refrigeration? Yes No Samples received intact? Yes No

Chain of custody present? Yes No Sufficient sample volume for requested tests? Yes No

Chain of Custody signed by all parties? Yes No Samples received within holding time? 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:



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



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

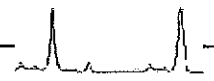


Terry Hamilton 1502 Westbrook Ct. Modesto, CA 95358	Project Number: 2010028 C.O.I Project Name: The Salvation Army Project Manager: Terry Hamilton	Work Order No.: K011004
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TPH-gas /BTX&E EPA Method 8015M / 8021B

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 @	47	10	mg/kg	10	02-Nov-10	8015M / 8021B	
Gasoline							
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



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: <i>p</i> -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			
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LCS Dup (K001644-BSD1)

Prepared & Analyzed: 11/02/10

Diesel	187		mg/kg	200		94	80-120	3	20	
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Approved By

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



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
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Batch K001643 - EPA 5030B

Blank (K001643-BLK1)

Prepared & Analyzed: 11/02/10

<i>Surrogate: a,a,a-Trifluorotoluene</i>	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			
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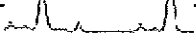
LCS Dup (K001643-BSD1)

Prepared & Analyzed: 11/02/10

Total Petroleum Hydrocarbons @ Gasoline	0.903		mg/kg	1.0		90	80-120	6	20	
---	-------	--	-------	-----	--	----	--------	---	----	--

Approved By

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

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

ATTACHMENT 3

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			
13:22	<input checked="" type="checkbox"/> PERMISSION TO INSPECT GRANTED		
UST Removal			
Terry Hamilton 209 404 7700			
Current activity: Fuel was Removed Oct 15 via HazWaste Manifest			
Today Both Tank will be fare in the process of Triple Rinsing			
Rivate to be hauled in 55 DOT approved drums			
George Lawrie Inc. is the Hauler			

Facility Contact/Print Name:	Inspected By:	<input type="checkbox"/> AFM Griffin 238-7759
<i>Terry Hamilton</i>	<i>Kha</i>	<input checked="" type="checkbox"/> Insp. Matthews 238-2396
Facility Contact/Signature:	238-3927	<input type="checkbox"/> Insp. Skillern 238-7253
<i>Terry D. Hamilton</i>		<input type="checkbox"/> _____ 238-3927
	Date:	11-9-10

ATTACHMENT 4

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

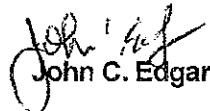
Requested by: TERRY D. WASHINGTON
1502 WEBSTER CT.
MEDFORD CA 95358
209-404-7700

Tank Owner: THE SALVATION ARMY
Site Address: 101 WEBSTER ST
OAKLAND, CA 94607

Tank Interior Atmosphere Readings

Test Results						
Tank ID #	Concentration of Flammable Vapor			Concentration of Oxygen		
	Upper	Middle	Lower	Upper	Middle	Lower
<u>(1) 5000 ONE</u> <u>6352</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>20.8</u>	<u>20.8</u>	<u>20.8</u>
<u>(2) 10,000 ONE</u> <u>70312</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>20.8</u>	<u>20.8</u>	<u>20.8</u>

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


John C. Edgar

ATTACHMENT 5

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 601 Webster 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*
Dolores Baptista, Controller

ATTACHMENT 6

Please print or type. (Form designed for use on an 11-pitch typewriter.)

1. Generator ID Number: **CAL002655792** 2. Page 1 of 1 3. Emergency Response Phone: **(209) 765-0727** 4. Manifest Tracking Number: **003933734 FLE**

5. Generator Name and Mailing Address: **SALVATION ARMY**
 (209) **601 WEBSTER ST.**
404-7700 Oakland, CALIF. 94607
 Generator's Phone: **601 WEBSTER ST. Oakland, CALIF. 94607**

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: **CROSBY & OVERTON**
RIVERBANK OIL TRANS 1630 W 17TH ST
5300 CLARK RD LONG BEACH, CA 90813
RIVERBANK, CA 90807 (209) 863-8181
 FAX: **209 577 3553**
 U.S. EPA ID Number: **CAD028409049**
CAL000190816

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
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(e) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

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

16. International Shipments: Import to U.S. Export from U.S. Point of entry/exit: Date leaving U.S.:

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

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:

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 ENTIN** Signature: **[Signature]** Month: **11** Day: **23** Year: **10**

ATTACHMENT 7

argon laboratories

06 December 2010

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

RE: The Salvation Army Project Data

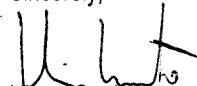
Enclosed are the results for sample(s) received on 11/24/10 14:28 by Argon Laboratories. The sample(s) were analyzed according to instructions in accompanying chain-of-custody. Results are summarized on the following pages.

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

ARGON LABORATORIES

Telephone: (209)581-9280

3037 5th Street
Ceres, CA 95307

Fax: (209)581-9282

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

24 hour

48 hour

5 day

10 day

Report To: Terry Hamilton

Bill To: Terry Hamilton

Company:

1502 Westhuck Court
Madison, CA 95358

Tele: 209-404-7700

Fax: 209-577-3553

Project #:

Project Name: Salvation Army

Project Location: Oakland, CA

Sampler Signature: *[Signature]*

Analysis Request

Other

Comments

SAMPLE ID	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED								
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other					
Level-North 14'		11-23-10	1620	1	53		X				X								
Dred-South 14'			1642																
Prior-west 14'			1630																
Gas-East-14'			1648																
Gas-West-14'			1701																
Gas Center-14'			1735																
Bitum-Tank 14'			1706																
Pile Comp South			1718																
Pile Comp North			1720																
Spills in Pit			1745																

BTEX & TPH as Gas (602/8020 + 8015)	
TPH as Diesel (8015) & TPH as Gas	X
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	X
EPA 625 / 8270	
PAH's / PNA's by EPA 625 / 8270 / 8310	
CAM-17 Metals	
LUFT 5 Metals	
Lead (7240/7421/239-2/6010)	X

Relinquished By:

[Signature]

Date:

11-24-10

Time:

14:38

Received By:

Dario Aguerre

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? N/A _____ Yes No Samples received in proper containers? Yes No

Samples received under refrigeration? Yes No Samples received intact? Yes No

Chain of custody present? Yes No Sufficient sample volume for requested tests? Yes No

Chain of Custody signed by all parties? Yes No Samples received within holding time? 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:



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

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	

Approved By

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

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							
Diesel	ND	150	mg/kg	30	26-Dec-10	EPA 8015Mod	S-01
Prior-West 14' (K011054-03) Soil Sampled: 23-Nov-10 16:30 Received: 24-Nov-10 14:28							
Diesel	ND	150	mg/kg	30	26-Dec-10	EPA 8015Mod	S-01
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							
Diesel	ND	150	mg/kg	30	26-Dec-10	EPA 8015Mod	S-01
Gas-Center-17' (K011054-06) Soil Sampled: 23-Nov-10 17:35 Received: 24-Nov-10 14:28							
Diesel	ND	150	mg/kg	30	26-Dec-10	EPA 8015Mod	S-01
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 %			"	"	

Approved By

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

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 %			"	"	

Approved By

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

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 %			"	"	

Approved By

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

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							
Total Petroleum Hydrocarbons @ Gasoline	ND	1.0	mg/kg	1	02-Dec-10	8015M	S-04
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 %			"	"	

Approved By

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

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

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 %

"

"

Approved By

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

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

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 % " "

Approved By

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

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

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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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 %

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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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"

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Modesto, CA 95358

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Work Order No.:
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Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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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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Project Number: Oakland, CA
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Project Manager: Terry Hamilton

Work Order No.:
K011054

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Analyzed	Method	Notes
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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 %

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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
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Modesto, CA 95358

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

Work Order No.:
K011054

Total Metals - Quality Control

Argon Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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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
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Modesto, CA 95358

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

Work Order No.:
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
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Batch K001786 - EPA 3550B

Blank (K001786-BLK1)

Prepared: 11/26/10 Analyzed: 12/26/10

Surrogate: <i>p</i> -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			
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LCS Dup (K001786-BSD1)

Prepared: 11/26/10 Analyzed: 12/26/10

Diesel	209		mg/kg	200		104	80-120	1	20	
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Matrix Spike (K001786-MS1)

Source: K011054-08

Prepared: 11/26/10 Analyzed: 12/26/10

Diesel	190		mg/kg	200	ND	95	70-130			
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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
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Modesto, CA 95358

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

Work Order No.:
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
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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			
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LCS Dup (K001785-BSD1)

Prepared & Analyzed: 12/02/10

Total Petroleum Hydrocarbons @ Gasoline	0.99		mg/kg	1.0		99	80-120	1	20	
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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
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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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Project Number: Oakland, CA
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Project Manager: Terry Hamilton

Work Order No.:
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
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Batch K001787 - EPA 5030B

Blank (K001787-BLK1)

Prepared & Analyzed: 12/02/10

<i>Surrogate: Fluorobenzene</i>	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			
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LCS Dup (K001787-BSD1)

Prepared & Analyzed: 12/02/10

Methyl tert-Butyl Ether	0.023		mg/kg	0.025		90	80-120	12	20	
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Matrix Spike (K001787-MS1)

Source: K011054-08

Prepared & Analyzed: 12/02/10

Ethylbenzene	0.024		mg/kg	0.025	ND	98	70-130			
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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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Project Number: Oakland, CA
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Work Order No.:
K011054

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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