Post-Removal Report Underground Storage Tank Closure 5,000 Gallon, No. 2 Fuel Oil UST No. 001 U.S. Army Reserve Center 1072 Minot Avenue Auburn, Maine

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Contract No. DAKF31-92-D-0033 ATEC File: 37.07.92.00713

Prepared for:

United States Army Directorate of Contracting Building 227 Fort Devens, Massachusetts

Attn: Beth Castriotta Contract Specialist

November 17, 1992



ATEC Environmental Consultants Division of ATEC Associates, Inc.

55 Accord Park Drive Rockland, Massachusetts 02370 (617)878-6200 FAX (817)871-6781 Solid & Hazardous Waste Site Assessments Remedial Design & Construction Underground Tank Management Asbestos Surveys & Analysis Hydrogeologic Investigations & Monitoring Analytical Testing / Chemistry Industrial Hygiene / Hazard Communication Environmental Audits & Permitting Exploratory Drilling & Monitoring Wells

November 17, 1992

Ms. Beth Castriotta, Contract Specialist United States Army Directorate of Contracting

Building 227

Fort Devens, Massachusetts 01433-5340

RE: Post-Removal Report Underground Storage Tank Closure 5,000 Gallon, No.2 Fuel Oil - UST No. 001 United States Army Reserve Center (USARC) 1072 Minot Avenue Auburn, Maine Contract No. DAKF31-92-D-0033 ATEC File: 37.04.92.00713

Ms. Castriotta:

Attached is a report by ATEC Associates, Inc. (ATEC), detailing the results of the closure of one 5,000-gallon, single wall, steel Underground Storage Tank (UST) referenced as UST No. 001 located at United States Army Reserve Center (USARC), 1072 Minot Avenue, Auburn, Maine (the site). This UST was utilized for the storage of no. 2 fuel oil. The purpose of the closure was to excavate the UST and to evaluate the potential for the presence of oil and hazardous material at the site.

ATEC appreciates the opportunity to be of service in this matter. If you have any questions or comments, please do not hesitate to contact our office.

Sincerely,

ATEC Associates, Inc.

My LEBales

Mark E. Baldi Project Manager

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Leeg a. Mushel Greg A. Mischel

Senior Project Manager

EXECUTIVE SUMMARY

On November 3, 1992, ATEC closed one 5,000-gallon, single wall, steel Underground Storage Tank (UST) located at property known as United States Army Reserve Center (USARC), 1072 Minot Avenue, Auburn, Maine (the site). This UST was utilized for the storage of no. 2 fuel oil. The purpose of the closure was to excavate the UST and evaluate the potential for the presence of oil and hazardous material at the site.

ATEC's conclusions are as follows:

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Upon excavation and removal, the tank was observed to be in good condition without holes, perforations or severe corrosion. Associated piping was intact and in good condition.

Soil excavated to free the tank was not visibly contaminated.

Upon removal of a concrete pad directly overlying the tank, a small quantity (<5 gallons) of oil which had been confined between the pad and the tank was released.

Inspection of the soils within the excavation pit revealed that soils in the north and south corners possessed a slight petroleum odor.

Ground water was encountered within the excavation. A sheen was observed. This sheen may be attributed to oil released following removal of the overlying concrete pad.

Ten soil samples (SS-1 to SS-10) were obtained from the excavation for field screening and field analysis utilizing a photoionization detector (PID) and Non-Dispersive Infrared (NDIR) Analyzer, respectively. PID readings ranged from 0.0 parts per million (ppm) to 11.0 ppm Total Organic Vapors (TOV). NDIR results ranged from 5.5 ppm to 51.3 ppm Total Petroleum Hydrocarbons (TPH).

Two composite soil samples (Stockpile-1 and Stockpile-2) were obtained from excavated, stockpiled soil for PID and NDIR screening. PID results revealed concentrations of TOV ranging between 4.0 ppm and 14.0 ppm TOV, respectively. NDIR results revealed concentrations of TPH ranging between 16.8 ppm and 104.3 ppm TPH, respectively.

Based upon the highest PID readings, two soil samples (LSS-1 and LSS-2) were obtained from the excavation for laboratory analysis for TPH by Maine DEP Method 4.1.2. Analytical results of LSS-1 revealed a TPH concentration of 13 ppm. Analytical results of LSS-2 revealed a TPH concentration of 13 ppm.

One ground water sample (LWS-1) was obtained from within the excavation for laboratory analysis for TPH utilizing Maine DEP Method 4.1.1. Analytical results of LWS-1 revealed a TPH concentration of 2 ppm TPH.

ATEC's recommendations are as follows:

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Backfill the excavation utilizing stockpiled soil and clean fill material.

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APPENDICES

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POST-REMOVAL REPORT

United States Army Reserve Center 1072 Minot Ave. Auburn, Maine ATEC Project No. 37.04.92.00.713

1.0 INTRODUCTION

This Post-Removal Report details the results of the closure of one 5,000-gallon, single-wall, steel, Underground Storage Tank (UST) referenced as UST No. 001, located at United States Army Reserve Center (USARC), 1072 Minot Avenue, Auburn, Maine (the site). This UST was utilized for the storage of no. 2 fuel oil. The purpose of the closure was to excavate the UST and evaluate the potential of on-site petroleum hydrocarbon contamination. The closure was completed on November 3, 1992.

The basic Project Work Scope included:

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- Procurement/administration of all federal, state and local permits, manifests, regulations, etc., associated with the UST system closure.
- Excavating, venting, cleaning, transporting, and disposing of one 5,000-gallon UST by appropriately licensed contractors/facilities.
- Disposal of residual UST materials at a licensed facility.
- Field screening of soil samples collected from the excavation utilizing a Photoionizing Detector (PID) and a portable Non-Dispersive Infrared (NDIR) Analyzer to identify evidence of contamination resulting from possible leakage of UST contents, if any.

- Laboratory analysis of soil and groundwater sampled from the UST excavation by a USEPA certified laboratory for Total Petroleum Hydrocarbons (TPH) by Maine Department of the Environment (DEP) Method 4.1.1 and 4.1.2.
- Preparation of a Post-Removal Report, to include assimilation of information gathered; major findings; and conclusions.

2.0 UNDERGROUND STORAGE TANK EXCAVATION & REMOVAL

On November 3, 1992, one (1) 5,000-gallon Underground Storage Tank (UST) containing No.2 fuel oil was excavated and removed from the U.S. Army Reserve Center (USARC) located at 1072 Minot Avenue, Auburn, Maine (the site). The UST was located immediately west of the maintenance building, along Industrial Avenue (see Figure 1, UST Location Map). Site topography is level. Surface cover at the site consists of turf.

The UST was directly covered by a one foot thick, reinforced concrete pad. The concrete pad was covered by approximately 2.5 feet of pebbly sand and gravel containing minor cobbles. Excavated soils were not visibly contaminated. Associated piping was drained, and tank connections were removed. Inspection revealed piping to be intact and in good condition. UST No. 0001 was estimated to contain 281 gallons of No. 2 fuel oil and water. The product in the tank was removed by a vacuum truck and transported to an appropriately licensed disposal facility (Jetline Services). A copy of the appropriate hazardous waste manifest is included in Appendix F.

Upon removal of the overlying concrete pad, a small quantity (<5 gallons) of oil which had been confined between the pad and the tank was released. Following excavation and removal, the tank was observed to be in good condition without holes, perforations or severe corrosion. Soil within the excavation consisted primarily of pebbly sand, gravel and cobbles. The bottom of the excavation was approximately 7.0 feet below grade. Inspection of the soils within the excavation pit revealed that soils in the north and south corners possessed a slight petroleum odor. Ground water was encountered within the excavation at a depth of 6.5 feet below ground level. An oil sheen was observed on ground water within the excavation. This sheen may be attributed to oil released following removal of the overlying concrete pad. Absorbent pads were applied to the surface of the ground water in order to remediate the sheen.



Following venting of the tank, an access way was cut in the end of the tank to allow entry for cleaning. It was then entered and vacuumed/wiped clean of any residual material. Approximately 55-gallons of fuel oil sludges were drummed for transportation and disposal at a later date. One 55-gallon drum of absorbent wipes and booms was also generated during tank cleaning activities. A copy of the appropriate hazardous waste manifest will be forwarded to the Contracting Office upon disposal of the drums. Following cleaning, the tank was removed from the site and disposed at Saco Steel, located in Saco, Maine. A copy of the disposal receipt is included in Appendix G.

3.0 SAMPLING AND ANALYSIS PLAN

Ten soil samples were obtained from the excavation and field screened with a Photoionizing Detector (PID) and field analyzed with a Non-Dispersive Infrared (NDIR) Analyzer. The PID field screening for Total Organic Vapors (TOVs) was conducted with an HNu photoionizer utilizing the jar headspace screening protocol outlined in the Hazardous Materials Containment Plan. The NDIR field screening for Total Petroleum Hydrocarbons (TPH) was conducted with a Horiba OCMA 220, utilizing the procedures outlined in the Hazardous Materials Containment Plan.

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Ten soil samples (SS-1 to SS-10) were obtained from the excavation walls at a depth of approximately 4.0 - 5.0 feet below grade. Soil samples were not obtained from the bottom of the excavation due to the presence of ground water.

Two composite soil samples (Stockpile-1 and Stockpile-2) were obtained from the stockpile for PID and NDIR screening.

Based on PID field screening results, the two soil samples were obtained from locations within the excavation which exhibited the highest TOV levels. One soil sample was collected from the north corner (LSS-1) and the south corner (LSS-2) and submitted to the laboratory for TPH analysis by Maine DEP Method 4.1.2.

One groundwater sample (LWS-1) was obtained from the bottom of the excavation and submitted to the laboratory for TPH analysis by Maine DEP Method 4.1.1.

Sampling locations are depicted on the Sampling Schematic attached as Figure 3. Copies of laboratory analytical results are included in Appendix D. The appropriate chain of custodies are included in Appendix E.





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4.0 ANALYTICAL RESULTS

Results of the PID and the NDIR field screening of the excavation and stockpile soil samples are shown in Table 1.

Sample No.	PID (ppm)	NDIR(ppm)
SS-1	0.0	23.4
SS-2	0.0	5.5
SS-3	0.0	11.5
SS-4	5.0	5.9
SS-5	0.0	51.3
SS-6	11.0	28.8
SS-7	4.0	5.6
SS-8	3.0	12.2
SS-9	3.0	10.9
SS-10	0.0	12.1
Stockpile-1	4.0	16.8
Stockpile-2	14.0	104.3
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TABLE 1 - PID AND NDIR RESULTS

Laboratory analytical results of LSS-1 revealed a TPH concentration of 13 ppm.

Laboratory analytical results of LSS-2 revealed a TPH concentration of 12 ppm.

Laboratory analytical results of LWS-1 revealed a TPH concentration of 2 ppm.

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6.0 CONCLUSIONS AND RECOMMENDATIONS

ATEC's conclusions are as follows:

Upon excavation and removal, the tank was observed to be in good condition without holes, perforations or severe corrosion. Associated piping was intact and in good condition.

Soil excavated to free the tank was not visibly contaminated.

Upon removal of a concrete pad directly overlying the tank, a small quantity (<5 gallons) of oil which had been confined between the pad and the tank was released.

Inspection of the soils within the excavation pit revealed that soils in the north and south corners possessed a slight petroleum odor.

Ground water was encountered within the excavation. A sheen was observed. This sheen may be attributed to oil released following removal of the overlying concrete pad.

Ten soil samples (SS-1 to SS-10) were obtained from the excavation for field screening and field analysis utilizing a photoionization detector (PID) and Non-Dispersive Infrared (NDIR) Analyzer, respectively. PID readings ranged from 0.0 parts per million (ppm) to 11.0 ppm Total Organic Vapors (TOV). NDIR results ranged from 5.5 ppm to 51.3 ppm Total Petroleum Hydrocarbons (TPH).

Two composite soil samples (Stockpile-1 and Stockpile-2) were obtained from excavated, stockpiled soil for PID and NDIR screening. PID results revealed concentrations of TOV ranging between 4.0 ppm and 14.0 ppm TOV, respectively. NDIR results revealed concentrations of TPH ranging between 16.8 ppm and 104.3 ppm TPH, respectively.

Based upon the highest PID readings, two soil samples (LSS-1 and LSS-2) were obtained from the excavation for laboratory analysis for TPH by Maine DEP Method 4.1.2. Analytical results of LSS-1 revealed a TPH concentration of 13 ppm. Analytical results of LSS-2 revealed a TPH concentration of 13 ppm.

One ground water sample (LWS-1) was obtained from within the excavation for laboratory analysis for TPH utilizing Maine DEP Method 4.1.1. Analytical results of LWS-1 revealed a TPH concentration of 2 ppm TPH.

ATEC's recommendations are as follows:

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Backfill the excavation utilizing stockpiled soil and clean fill material.

7.0 CERTIFICATIONS & QUALIFICATIONS

This report is addressed to Ms. Beth Castriotta, Contracting Officer of Directorate of Contracting, United States Army, Fort Devens with respect to UST No. 001, located at property known as United States Army Reserve Center (USARC), 1072 Minot Avenue, Auburn, Maine (the site).

ATEC certifies that to the best of their professional knowledge, information and belief:

The investigation of the site described in the report was performed by Jeffrey Bellen, Geologist I; and Mark E. Baldi, Project Manager (site investigators) who are qualified to make the investigations and formulate the opinions herein set forth.

The site investigators are familiar with the current provisions of the State of Maine Department of Environmental Protection Regulations for Registration, Installation, Operation and Closure of Underground Storage Facilities, Chapter 691.

The site investigators are knowledgeable regarding the types of industrial, manufacturing, commercial or other processes or operations which might reasonably be expected to generate, use, treat, store or dispose of oil or hazardous material.

The site investigators have reviewed the recent history of the site and have considered the potential for the generation, use, treatment, storage, or disposal of oil or hazardous material by (a) the uses presently associated with the site and (b) to the extent ascertainable by inquiry, as noted.

In November 1992, the site investigators studied the site and, except as herein qualified, the areas in the vicinity of the site to assess the possible presence of oil and hazardous material at the site.

The following qualifications apply to ATEC's opinion:

Our professional services have been performed, our findings obtained and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. This company is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration and laboratory test data presented in this report.

The work performed in conjunction with this assessment and the data developed are intended as a description of available information at the dates and locations given. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

APPENDIX A: PHOTOGRAPHIC DOCUMENTATION

United States Army Reserve Center 1072 Minot Avenue, Auburn, Maine ATEC File No. 37.07.92.00713

A-1: One side of removed tank.

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- A-2: Opposite side of removed tank.
- A-3: Excavation as viewed from south, facing north.
- A-4: Excavation as viewed from north, facing south.





APPENDIX B: UST CLOSURE CHECKLIST

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UST CLOSURE O/C CHECK LIST				*	
DEFINABLE FEATURE	DATE	TIME	MEASUREMENTS		NOTES
Calibrate PID & LEL/O2 meters	n14192	<i>4:00</i>			Site Topography: /cv./
Drain & flush piping & pumps	11/3/92	.8:00		······	
Excavate to top of tank		9100-10:31		·····	Depth to tank: 25 to overlying concrute
Vent tank note LEL/O2 levels & times	1.13162		L.F.I.		Surface Cover: Jur F
		T1:110	0		
		T2: / 2	<u> </u>	~ ~	
		T3: , , , , ,	a		
		T4: / 40			
		T5: 1; 45	}		
		T6:		***************************************	
		T7:			
		T8:			
		Т9:			
		T10:			
		T11:			
		T12:			
Pump & clean tank:		11:30	 <u>Z 8/</u> gal. liquid	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Tank Dimensions/Conditions: as holes and
Note quantities liquid (gal) & sludge (lbs)	·····		55 gal 106. sludge + 55 gar	wipes/booms	or severe serrosion,
Remove all tank connections, and cap openings	1/3/72	12:00			
					Piping Conditions: Grade interet
Excavate soils to free tank	11/3/92	12:15			
Segregate stained soils: Note PID readings	11/3/95		PID (ppm)	NDIR (ppm)	
(if >10 ppm NDIR also) > neve visit			40	16.9	Stockpile-1
contain Drone segres at			14.0	104.3	stockpile->

UST_CLOSURE O/C_CHECK_LIST				
DEFINABLE FEATURE	DATE	TIME	MEASUREMENTS	NOTES
Remove tank mining numps and hardware			Photographic Descriptions:	Soil Description:
Photograph excavation: note descriptions	(1/3/92	<u> / < · 7 - S</u>	Photo 1:	- Join Description: pecific sans - france
Clostal Salamatia		-	Photo I. Fart	w/minor cobbies
Sketch Schematic			Photo 2: 1 cm f	
			Photo S: Creer Stace A	
·			Photo Si	Doubth to Groundwater/Conditional
				Deput to Groundwater/Conditions. C.S
			Photo 6:	oil sheer present. Der 10 sm
				Dath SEcondia Continue and
Place tank at sale distance from excavation	11/3/92	17.'50		Depth of Excavation/Conditions: 7,0
		_		no visis contamo slight odor
Secure tanks transport off-site	11/3/92	2:30	to Saco Stend	@ N+S corners
Obtain 10 soil samples from	11/3/92	1:00	PID (ppm) NDIR (ppm)	Sample locations: 4.5 depth
excavation walls/bottom: Note PID/NDIR	•		SS1: 0,0 23.4	ZU woll
readings and sample locations.		1	SS2: 0,0 5,5	Wrat
obtained 11/3 and refrigented.		***************************************	SS3: 0,0 11.5	Wwall
scryened 11/4 as PIP not working			SS4: 50 5.7	Nide all
*× 11/7 .			SS5: 0,0 51.3	H wal
			SS6: //. 0 28.8	N will
			SS7: 4.0 5.6	Ewall
			SS8: 3,0 17,Z	Ewell
			SS9: 3.0 10.7	SE would
			SS10: 0.0 (7./	5 wall
		1		
		1		
		1		
•				
Obtain 2 soil samples & 1 water samples	11/3/92	1:30		Sample Locations:
for laboratory analysis. Note sample locations.				LSS1: 3 corner for TPH (4.12)
				LSS2: Naorneo Fr TP 41 (41.7)
		·		LWS1: Lottom for TPH(4.1.1)
•				·

UST CLOSURE O/C CHECK LIST					
DEFINARLE FEATURE	DATE	TIME	MEASUREMENTS	NOTES	
				tons of backfill	
Backfill excavation (if clean):	steas of WIZAN			Backfill description:	~~~~~~
Note amount & type of backfill					
Close open excavation (if applicable) not co	mplaso f 11/17				
		ļ			
Restore surface and rope off	11/3/92	3:30			•••••••
	11 17 10-	7.7.5			
Kemove fubbish/debris	173772	<u> </u>			
Transport hazardous material off-site:				Amount	Classification
Note amount/classification	11/3/72	1:30		781 201	5971 KU
Make copies of manifests, permits,			2.55 gal drums remain on-site		
and disposal receipts.		<u></u>	as of 1/17/92		
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APPENDIX C - OCMA 220 DATA SHEETS

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TPH SOIL ANALYSES BY NON-DISPERSIVE INFRARED ANALYZER - MODIFIED EPA STANDARD TEST METHOD 418.1

PROJECT NAME, NUMBER, TANK: U.S. ARMY - FORT DEVENS 37.07.92.7 UST 0001 AUBURN ME DATE: Nov 12, 199: OPERATOR: David G. Pannuto

CALIBRATION DATA

TYPE	FIRST RE.	ADING	SECOND RI	EADING	THIRD REA	ADING	SPAN
CALIBRATION	INITIAL	FINAL			INITIAL		<u>CHECK</u>
ZERO:	1.9	0.0	-2,4	0.0	0.1	0.0	30.1
SPAN:	39.3	40,0		40.0	40.1	40.0	
ZERO:		0.0		0.0	-0,1	0.0	

ANALYTICAL DATA

SAMPLE	<u>WEIGH</u>	<u>T (g)</u>	1st_DILUTIC	<u>ON RATIO (ml)</u>	2nd DILUTIC	<u>NRATIO (ml)</u>	INSTRUME	NT RESULTS	<u>(ppm)</u>	_ CONCENTRATION
NUMBER	<u>GROSS</u>	TARE	<u>F-113</u>	SAMPLE	F-113	SAMPLE	1st	2nd	<u>3rd</u>	mg/l
<u>SS-1</u>	84.0	<u>77.0</u>	17,5	3.0			0.8	0.8		23.4
<u></u>	85.0	77.5	17,5	3.0			0.2	0.2		5.5
<u>SS-3</u>	85.2	78.1	17.5	3.0			0.4	0.4		11.5
<u>SS-4</u>	87.5	77.0	17,5	3,0	يو الدند بر 		0.3	0.3		5.9
<u>SS-5</u>	81,1	75.1	17.5	3.0			1.7	1.5		51.3
<u>SS-6</u>	82.3	75.9	17.5	3.0			0,9	0.9		28,8
<u>SS-7</u>	83.5	76,2	17.5	3.0			0.5	0.2		5.6
<u>\$\$-8</u>	83.0	76.3	17,5	3.0			0,5	0.4		12.2
<u> </u>	86.6	79.1	17.5	3.0			0.4	0,4		10,9
<u>SS-10</u>	83.2	78.1	17.5	3.0			0.3	0.3		12.1
STOCK-1	83.2	77.1	17.5	3.0			0.2	0.5	<u></u>	16.8
STOCK-2	81.7	76	17.5	3			3.6	2,9		104,30

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APPENDIX D - LABORATORY REPORTS

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CONTRACTOR OF

NOV-13-1992 15:00 FROM ENVIRONMENTAL SCIENCE SUC TO

ATEC P.04

- MMM	100-12-1225 12:00	PRUT ENVIRONMENTAL SUIENCE SVC
		MM

In Response To The Future

CERTIFICATE OF ANALYSIS

Total Petroleum Hydrocarbon-GC #2 Fuel Oil	13	mg/Kg	1	4.1.2
Parameter	Results	Units	MRL	Method
Date Sample Received: 11/6/92	,	Date Rep	orted:	11/13/92
Client Sample ID: LSS-1		ESS Samp	le ID:	923042-01
Client Project ID: Auburn Armory	UST 001	ESS Froj	ect ID:	923042
Client: ATEC Environmental Const	lltants			

MRL = Method Reporting Limit

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Results based on dry weight, % solids=84%

Approved by: Environmental Science Services

13 AlarFL Date:____

532 Atwells Avenue, Providence, Rhode Island 02909 (401) 421-0398 Fax (401) 421-5731

NOV-13-1992 15:00 FROM ENVIRONMENTAL SCIENCE SUC

ATEC P.05



In Response To The Future

CERTIFICATE OF ANALYSIS

Client: ATEC Environmental Consultants		
Client Project ID: Auburn Armory UST 001	ESS Froject ID:	923042
Client Sample ID: LSS-2	ESS Sample ID:	923042-02
Date Sample Received: 11/6/92	Date Reported:	11/13/92

Parameter	Results	Units	MRL	Method
Total Petroleum Hydrocarbon-GC #2 Fuel Oil	. · 12	mg/Kg	1	4.1.2

MRL = Method Reporting Limit

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Results based on dry weight, % solids=80% .

Approved by: **Environmental Science Services**

13 1/0052 Date:____

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532 Atwells Avenue, Providence, Rhode Island 02909 (401) 421-0398 Fax. (401) 421-5731

NOU-13-1992 15:01 FROM ENVIRONMENTAL SCIENCE SUC TO

ATEC P.05

In Response To The Future

CERTIFICATE OF ANALYSIS

Client: ATEC Environmental Consultants		
Client Project ID: Auburn Armory UST 901	ESS Project ID:	923042
Client Sample ID: LWS-1	ESS Sample ID:	923042-03
Date Sample Received: 11/6/92	Date Reported:	11/13/92

Parameter	Results	Units	MRL	Method
Total Petroleum Hydrocarbon-GC #2 Fuel Cil	2	mg/L	1	4.1.1

MRL = Method Reporting Limit

Approved by:

Environmental Science Services

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532 Atwells Avenue, Providence, Rhode Island 02909 (401) 421-0398 Fax. (401) 421-5731

Date: <u>131/01/52</u>

INVERSIONNELSE UNDER

APPENDIX E - CHAIN OF CUSTODY FORMS

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ROJ. NO. 7.01.42.0 713 AMPLERS: /:	CLIENT	ULS.	e / Arm	юљ 1 у	17.5	Am	wy	ັນ	ST	001		•		LAB	PRO	J. NC). 	7		BOR 7	ATO	RY A	NAL'I	vsia	- Martin	7
LI BUL	ETHOD		- ш									۰.X				Section 2	3/) (9) (1)				AND	
SAMPLE I.D. NO.	DATE	TIME	COMPOSITI	GRAB	WATER	SOIL		FILTERED	ACIDIFIED	ICED		NUMBER OI CONTAINEI	LAB I.D. NUMBER	Š	Bry Mile			50 - 50 - 50 - 50 - 50 - 50 - 50 - 50 -			E HORE MO			24 Carloo	g	
255-1	11-3-22	1:39		X		X				×		3				X							Tork	p+		
55-2	1+3-92	11254		X		×				*		<u> </u>				X							<u>1</u> k	1 :+		
ws- 1	11-3-92	Epa		X	X			_		74		<u> </u>				X	,						Tenal	c p.t		Ö
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APPENDIX F - HAZARDOUS WASTE MANIFESTS

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leạ	se print or type. (Form designed for use on elite (12-pitch) typewriter.)		Form Ap	oproved. C	MB No. 20	50-0039. E	xpires 9-30-9
Π	UNIFORM HAZARDOUS	2 45 13 1 Doc	anifest ument No.	2. Page 1 of <u>1</u>	information required to required b	on in the sha by Federal I by State Law.	ded areas is no aw but may b
	3. Generator's Name and Mailing Address DEPT OF THE ARMY	· · · ·		A. State	tanifest Doci		er Stansasta
	MG OLIVER HOWARD	USAR CENTI iburn, Me	ER .	B. S.G.I.	(Gen. Site A	dress)	
	4. Generator's Phone (207) 786-3827 .04210)-3797 S EPA ID Number		C. S.T.I. (L	ic. Plate #)		
	Seacoast Ocean Services M[E]D[C	<u>) 5 6 5 7 (</u>	9 2 9 2	D. Transp	orter's Phone	207-774	-2111
	7. Transporter 2 Company Name B. U		·	F. Transp	orter's Phone		
	9. Designated Facility Name and Site Address 10. U	S EPA ID Number		G. State F	acility's ID		
	South Portland, Maine		0 6 0	H. Facility	's Phone	9460-9449 - 53 8 4 54 - 55 - 59	All an air air a baile. Bailte an Allanda
			0 0 9 12. Conta	ainers	13. 13.	07-799-	<u>-0850 </u>
	11. US DOT Description (including Proper Shipping Name, Hazard Class, in the second seco	and ID Numberj	No.	Туре	Quantity	Wt/Vol	Waste No.
	a VIRGIN # 2 OIL N.O.S. COMBUSTABLE LIQU UN 1993	LD,	001	TTO	0 2 8 1	G Sta	le
ε	b.					EP,	und i servizione di Anna constructore Anna constructore di servizione di servizione di servizione di servizione di servizione di servizione di serviz
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R A T	¢	<u></u>				EP.	A
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1	d.		- <u></u>		-	EP.	
						Sta	le
	J. Additional Descriptions for Materials Listed Above	and the second sec		K.Handlir Interim	ig Codes foi Fin	r Wastes Li al Inte	rim Final
	a. FP 130, Tank Pump Out		· · · · ·	<u>a</u>		b.	·
	d .			C.		, Id.	
	15. Special Handling Instructions and Additional Information	•					
		Poir	nt of Depart	ure:			
	 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this and are classified, packed, marked, and labeled, and are in all respects in any data content of the con	s consignment are proper condition fo	fully and a r transport t	ccurately de by highway	scribed abov according to	e by proper applicable in	shipping nam- nternational an-
	If I am a large quantity generator, I certify that I have a program in place to to be economically practicable and that I have selected the practicable mi	reduce the volume ethod of treatment,	and toxicity storage, or	of waste ge disposal cu	enerated to th prently available	te degree i h able to me v	ave determine hich minimize
	the present and future threat to human health and the environment; OR, if I generation and select the best waste management method that is availab	am a small quantity le to me and that I	can afford.		e a good iaith	Mon	th Day Yea
	RAY F. STERLING	Hair	2 I	Yei	ling	1	1 0 3 9
T R A	17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Sig	nature	Å	- <u>N</u> .		Mon	Date h Day Yea
N S P	JOHN J. TWOHIG	John >	و ا	10 miles			$\frac{1039}{020}$
O R T	18. Transporter 2 Acknowledgement or Heceipt of Materials Printed/Typed Name Sig	n ture	-	<u> </u>	· · · · · · · · · · · · · · · · · · ·	Мол	th Day Yea
R	19. Discrepancy Indication Space	<u> </u>	-	•			
	no. Distrepancy multication opage		• • •			- 	ja – F Piliti F
	▲			- '			

Approximately 55-gallons of fuel oil sludges were drummed for transportation and disposal at a later date. One 55-gallon drum of absorbent wipes and booms was also generated during tank cleaning activities. A copy of the appropriate hazardous waste manifest will be forwarded to the Contracting Office upon disposal of the drums.

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APPENDIX G - PERMITS/CERTIFICATIONS

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WAIVER FROM THE REQUIREMENT THAT A NOTICE OF ABANDONMENT BY REMOVAL OF AN UNDERGROUND OIL TANK BE FILED THIRTY DAYS PRIOR TO REMOVAL

Due to Exceptional circumstances the Department of Environmental Protection grants a waiver to the thirty day filing period for abandonment by removal of the listed underground tanks, provided that the owner or operator meets the following conditions:

1. A written notice of removal is filed with the Department and the local fire department within one day of receiving this waiver.

2. The Department is kept advised of removal plans and schedule so that a department representative can observe the removal of the tank(s) and the excavation from which the tank(s) was/were removed.

Tank(s) owned by:		Me Royald De F	alimo .
Name: U.C.	S. Army	Phone # $1 - 508 - 796 - 3$	<u>807</u>
Mailing Address <u>AE</u>	ED-EM Box 19	Town FT. Devens, MI	<u>4 0143</u> 3
socated at:	~		al the
Name <u>Arm</u>	14 Roserve Center	Phone # 1- 207- 782-	1502
Address/C	272 Minot Ave.	Town Auburn	
Reason for Waiver:	Recyonal price	or to fost and in	4 Corporation
for a +	ime La removal,	Nevende, ? 1977 October 26, 1997.	
List tank(s) below:			
Registration #	Size	Location on Site (Describe or Diagram)	· · · ·
4812	6000	204 yours	•
с .			
			• •
Planned Date of Rem	oval: October	3,1772	
This waiver is gran	ited on (date) <u>Oc[*]7</u>	6 ber 26, 1992	by
John Dunk	5 PHUNGWC	, a copy of which	is presented to

White - Enforcement Copy

Canary - Investigator's Copy

Pink - Tank Owner's Copy

90WAVEF

Maine Departmental of Environmental Protection Bureau of Oil & Hazardous Materials Control State House Station #17, Augusta, Maine 04333 Telephone: 207-289-2651 Attn: Tank Removal Notice

NOTICE OF INTENT TO ABANDON (REMOVE) AN UNDERGROUND OIL STORAGE FACILITY

Name of Facility Owner: (2.5. F)/ HMM	
Mailing Address: AFAD - Fin : c+ 19	Telephone No: /- 508 - 79(-:809
City: 17. Deserve State: 11	74 _ Zip Code: 71422
Contact Person (name, address & telephone no.)	: Ins. Consold DeFiliphe
- 7. 11 JA. S. 111- 8 11133 1- MOR- 7496	- 7609
Name of Facility: 137 papers an ever Conter	Registration No.: <u>4/F/2</u>
Facility Location: 11 42 11. 1 14 4 14.1.	

1. Identify the tanks at this location which are to be removed:

Tank Number	Age of	Tank Size	Type of Product
	<u>Tank (Years)</u>	(Gallons)	Most Recently Stored
A. B. C. D.	€ ¹ . ₂ 2.	6000	Ne. Fred el

- 2. Directions to Facility (be specific): Ex. 112 d' cre I 95 March Terripek. Ec. North C. (4200 Construgton 34.), at interpretion of the 11/121 for Contraction Fitz 11/121 (10 most five) to Inductory plus. (10 hold the discide)
- 3. Is tank(s) used for the storage of Class I liquids (e.g. gasoline, jet fuel)? Yes No X (IF YES, REMOVAL OF THE TANK MUST BE UNDER THE DIRECTION OF A CERTIFIED TANK INSTALLER OR PROFESSIONAL FIREFIGHTER.)
- 4. Name and telephone number of contractor who will do the tank removal: <u>White Assertates Delector</u> (17-676-6260)

Certified Tank Installer Certification Number & Name (if applicable):

Professional Firefighter Yes No χ (Affiliation:)
5. Expected date of removal:
I hereby provide Notice that I intend to properly abandon the underground oil storage facility as described above.
Date: 10/20/12 Signature of Tank Owner or Operator
FINILE T DEFILIPPO FANN. ROF SAC Printed Name and Title
THIS FORM MUST BE FILED WITH THE DEPARTMENT AND LOCAL FIRE DEPARTMENT 30 DAYS PRIOR TO REMOVAL - RETURN POSTCARD WHEN TANK(S) HAS BEEN REMOVED.
Mail original and yellow copy to DEP; pink copy to fire dept.; retain gold copy

Just: Wanter ingraved by John Durley BHIMLING.

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ì	SACO STEEL LUND ROAD SACO, ME 04072 DATE //-3- 19 92
· · · · · · · · · · · · · · · · · · ·	TEL (207) 284-4516 (IN ME) 800-464-4516 RECEIVED FROM 1 5 5
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