

TRIANGLE ENVIRONMENTAL

175 Metro Center Blvd.
WARWICK, RHODE ISLAND 02886

(401) 737-0570

OCT 23 1992

LETTER OF TRANSMITTAL

TO DAVE SHELTON
DEM

DATE	23 OCT 92	JOB NO.	9248
ATTENTION	DAVE SHELTON		
RE:	100 Bezworth St		
	Leaking Tank Enforcement		
	CASE LS 2836		

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items:

- ☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☒ REPORT

COPIES	DATE	NO.	DESCRIPTION
1	23 OCT 92		UST Removal Proposed Remediation Report

THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☒ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☐ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☒ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 19 _____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS DAVE - PLEASE REVIEW & GET BACK TO ME

REGARDING COMMENTS ON REMEDIATION

COPY TO Pete Maggiasome
Jim St Thomas, EASTLAND BANK SIGNED: [Signature]

**UST REMOVAL
PROPOSED REMEDIATION REPORT
ENFORCEMENT CASE LS 2836**

**100 Bosworth Street
Providence, Rhode Island**

prepared for

**Mr. Piero Maggiacomo
46 Kent View Drive
Hope Valley, R.I. 02831**

prepared by

**Triangle Environmental
175 Metro Center Blvd., Suite 7
Warwick, Rhode Island 02886
Phone: (401)-737-0570
FAX: (401)-732-5607**



October 23, 1992

Mr. David Sheldon CPG, Senior Engineer
Leaking Tank Enforcement Program
Division Of Water Resources
Department Of Environmental Management
291 Promenade Street
Providence, RI

Re: Property located on 100 Bosworth Street
Providence, RI
Leaking Tank Enforcement Case LS 2836
UST Removal/Proposed Remediation

As per Section 15 of The Regulations for Underground Storage Facilities used for Petroleum Products and Hazardous Materials, a permanent closure was performed at the above mentioned site. The required paperwork regarding permanent underground storage tank closures was filed with the Department Of Environmental Management. A copy of the necessary paperwork is included in Attachment 1. Excavation for the tank closure was scheduled for September 31, 1992, however, the excavation began on September 28, 1992.

Closure Background

The closure involved removing a single 15,000 gallon steel underground storage tank containing #6 fuel oil. The tank was no longer in service but contained approximately 30" of liquid. Of the 30" of liquid in the tank, approximately 12" was free product. At one time the oil in this tank was used to heat the adjacent buildings. At the present time, a 10,000 gallon underground storage tank located adjacent to the 15,000 gallon tank, is being used to heat the current facilities. This tank was precision tested on 7/23/92 by Precision Testing Co., utilizing the Petro Tite II method. The testing method and the Precision Testing Co. have been approved by the Department of Environmental Management. The results indicated that the 10,000 gallon tank tested tight. A copy of the tightness test is included as Attachment 2.

The exact location of the 15,000 gallon tank had to be determined prior to performing the closure. On August 17, 1992 the northern and southern ends of the tank were exposed as well as the western side of the tank. The tank is situated end to end parallel with Curtis Street.

The tank, when exposed, was tightly situated in between a retaining wall and an existing building which housed the boiler for the heating system. An overhead wire directly above the tank was also a point of concern. In order to remove the tank without disturbing the existing surrounding structures, the closure had to be performed very carefully. The location of the 15,000 gallon underground storage tank with respect to the surrounding area is included as Figure 1.

Tank Closure

On September 28, 1992, excavation commenced regarding the closure of the 15,000 gallon underground storage tank. The tank was pumped free of liquid prior to excavating the project area. The remaining sludge could not be removed until the tank was exposed. The area adjacent to the south side of the tank was excavated to a depth of 10'-12'. Due to machine malfunction the excavation ceased for the remainder of the day.

On September 29, 1992, the excavation continued and digging was difficult along the side of the tank. The objective was to excavate as much soil along the south side of the tank so that it could be moved to the excavated area for removal. However, as the excavation continued, oil (#6) saturated soil at the groundwater table was exposed to a depth of approximately 10' below grade. At that time you arrived on site to review the closure activities. After further review of the excavation, it was agreed to by all parties (DEM & Triangle Environmental) involved, that all oil saturated soil would have to be removed and placed on poly for proper disposal.

The tank removal was to be completed prior to removing any oil saturated soil. Eventually the tank was repositioned to the middle of the excavation and a portion of it removed from the hole. The tank was damaged during the repositioning and only half of the tank could be removed from the excavation. During the tank removal, a small amount of excavated soil remained in the tank. This soil contained oil and was shoveled into 55 gallon drums for proper disposal. The remaining portion of the tank was removed from the excavated hole and cut on site.

Upon completion of the tank removal, the oil saturated soil was exposed and ready for removal. The tank removal was time consuming and darkness prevented any oil saturated soil from being removed from the excavation. The excavated hole was barricaded and left open overnight. An inspection of the tank once out of the ground revealed that the oil leaked at the end of the tank where the steel overlapped.

On September 30, 1992, an area was cleared for the placement of oil saturated soil on poly. Approximately 20-25 yards of oil saturated soil was removed from the excavation and placed on poly until properly disposed. A poly sheet was also placed over the soil for proper coverage. The hole was then backfilled on site. Approximately 5 to 6 - 55 gallon drums of oil saturated soil was contained on site.

On October 1, 1992 the previously excavated hole was reopened in order for representatives of Triangle Environmental to verify that the oil saturated soil was properly removed and that the required fill was placed in the excavation. Based on this excavation, Triangle Environmental was satisfied that the removal of oil saturated soil had been performed.

A sample was obtained from the oil saturated soil for analysis in order to properly dispose of the material on poly and in the 55 gallon drums. A copy of the Closure Form from RIDEM is included as Attachment 3.

Remediation

The previous report for this site stated that groundwater flow is in a southerly direction. Triangle Environmental proposes to verify the direction of groundwater flow by measuring the depth to groundwater from all the accessible wells on site. In order to determine any change in depth of groundwater in the wells or direction of groundwater flow, Triangle Environmental will use an existing bench mark from the previous plan. As shown on the attached plan there were six (6) monitoring well (MW) installed at the project site by GZA Drilling Inc. on March 26, 1992. There are five (5) MW's located on the project site at this time. These MW's are listed as #1, #2, 3, #5, and #7 on Figure 1. Monitoring well #8 was destroyed during the closure of the 15,000 gallon UST.

As determined in the field during the tank closure, the cause of free product at the project site was a leak in the 15,000 gallon #6 oil underground storage tank. Therefore, the remediation of this site is focusing only on the contamination originating from this #6 oil.

As noted in previous correspondence, free product was observed in MW #2 & MW #5. This would be the obvious assumption if the direction of groundwater flow is in a southerly direction (after verification by Triangle Environmental).

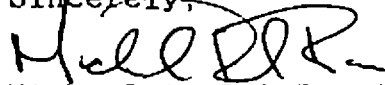
The remediation method recommended by Triangle Environmental would be the installation of recovery trench - product recovery system. A trench would be installed between MW #2 & MW #5. An intercepting trench would be installed downgradient of the excavation. Within this trench would be a 24" corrugated pipe lined with an impermeable material.

The remediation procedure would begin by excavating a trench approximately 10' - 14' deep into the groundwater at an area north of MW's #2 & #5 and south of the existing water hydrant. The digging would continue southerly until the oil saturated soil was no longer encountered. During the excavation, all oil saturated soil would be removed and placed on poly for proper disposal. As the trench is extended southerly, the previously excavated area would be lined with crushed stone. At the end of the excavation an intercepting crushed stone trench lined with a impermeable material would be installed. This trench would contain a 24" corrugated/perforated pipe and would extend from the groundwater surface to grade. The gravel lined trench would, over a period of time, collect and divert oil toward the 24" pipe w/intercepting trench. A site plan of the existing property is depicted in Figure 1. A diagram of the system is attached as Figure 2 of this report.

Initially this pipe would be monitored on a periodic (at least monthly) basis for free floating oil. The accumulated oil would be pumped into a vac truck for removal. Monitoring reports as well as pumped product would be submitted to your office for your review.

The installation of this system will not commence until your office has reviewed this correspondence. If you should have any questions regarding this report, please contact my office at 737-0570. In the meantime, my office will be awaiting your review, comments or approval.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael A. Del Rossi", written over the word "Sincerely,".

Michael A. Del Rossi, P.E.
Partner

Attachments

cc: Piero Maggiacomo
Jim St.Thomas, Eastland Bank

ATTACHMENT 1

PERMANENT CLOSURE APPLICATION FOR UNDERGROUND STORAGE FACILITIES

A: Date of application: 9/11/92 UST Facility I.D. _____

B: Proposed date of tank closure: 9/31/92
(Reminder: This date must be confirmed by phone with DEM at least 3 business days in advance of the closure.)

C: Facility Name: Pete Maggiasco
Street Address: 100 Bosworth St.
City/Town: Providence, RI

D: Tank Owner: Pete Maggiasco
Street Address: 100 Bosworth St.
City/Town/State: Providence, RI

E: FIRM/CONTRACTOR TO PERFORM TANK CLOSURE WORK

Name: Tanco, Inc.
Address: 14 Hayward St.
Contact Person/Phone Number: RE WILLIAM 781-4499

F: FIRM/CONSULTANT TO PERFORM TANK CLOSURE ASSESSMENT (check one)

____ Professional Engineer ____ Certified Professional Geologist

____ Other; A statement of qualifications must be submitted with this application.

Name: Tri Angle Engineering
Address: _____
Contact Person/Phone Number: 737-0570

G: DESCRIPTION OF TANKS TO BE CLOSED

TANK NO.	AGE	DATE LAST USED	VOLUME	CONSTRUCTION MATERIAL	STORED MATERIAL
<u>1</u>	<u>30+</u>	<u>87</u>	<u>15000</u>	<u>Steel</u>	<u>#6</u>

(If there are more tanks being closed please list on an attachment)

H: FEE: NUMBER OF TANKS 1 X \$75.00 PER TANK = \$75.00

I. Have these tanks ever held non-petroleum, hazardous materials?

YES ☒ NO

If yes, then list materials: _____

J. After the closure(s) have been completed on the aforementioned tanks, will there be any underground storage tanks remaining in existence at this facility? YES ☐ NO ☐

Will any new UST(s) be installed on the site? YES ☐ NO ☐

CLOSURE PROCEDURE (select one):

1. _____ Precision test and fill with inert material (Section 15.12).

Material used for filling tank: _____

NOTE: APPROVED PRECISION TEST MUST BE CONDUCTED AND RESULTS MUST BE SUBMITTED PRIOR TO FILLING.

2. ☒ Excavate, clean, and dispose (Section 15.11)

a. Specify method of tank cleaning: _____

b. Specify method for disposing of tank sludges or wastes generated by cleaning process. List name of waste hauler (where applicable). _____

c. Specify whether cleaning will take place... onsite ☒ off-site ☐

i. If offsite, indicate location of final tank cleaning:
Firm/Address: _____

ii. Indicate firm which will transport tank(s) to site indicated in c(i) above:
Firm/Address: _____

NOTE: FIRMS TRANSPORTING TANKS WHICH REQUIRE FURTHER CLEANING MUST BE PERMITTED BY DEM (DIVISION OF AIR AND HAZARDOUS MATERIALS) AS HAZARDOUS WASTE TRANSPORTERS.

d. Will tank(s) be ...

rendered unfit for use and disposed of ☒ or reused ☐?

NOTE: REUSE OF A TANK IN THE GROUND REQUIRES COMPLIANCE WITH SECTION 12.03 OF STATE UST REGULATIONS.

Location for final tank(s) disposal:

Not to be used
Killingly St.
Johnston, RI

If tank is to be reused, specify:

Proposed use: _____

Name/address of intended user: _____

CERTIFICATION BY TANK OWNER

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME OF OWNER: (please print) PIERO MAGGIACOMO
SIGNATURE: Piero Maggiacomo
TITLE: PARTNER
ADDRESS: 46 KENT NEW DR
TELEPHONE: HOPE R.I. 02831
401-647-7660

DEM
DIVISION OF BUSINESS AFFAIRS USE ONLY

NO. OF TANKS _____ X 75.00 = _____ (TOTAL FEE)

FULL PAYMENT RECEIVED ON _____ (DATE)

2. d
wered
rany
14/92

ATTACHMENT 2

Data Chart for Tank System Tightness Test

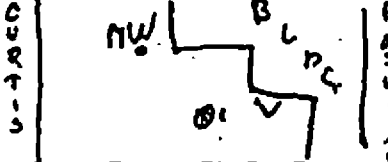
PLEASE PRINT

1. OWNER	Property <input checked="" type="checkbox"/> Tank(s) <input type="checkbox"/>	100 BOSWORTH STREET REALTY PARTNERSHIP (401)944-5655																				
		Name Mr. Piero Maggiasco	Address 46 Kent View Drive	Zip Hope RI	Representative Telephone 02831																	
2. OPERATOR		100 Bosworth Street Realty Partnership (401)944-5655																				
		100 Bosworth Street, Hope, RI																				
3. REASON FOR TEST (Explain Fully)		Compliance with Federal, State and Local Regulations. Criteria Established by National Fire Protection Association # 329.																				
4. WHO REQUESTED TEST AND WHEN		Mr. Piero Maggiasco Owner 100 Bosworth Street Realty July 1992 46 Kent View Drive, Hope RI 02831 (401)944-5655																				
5. TANK INVOLVED		Identify by Direction Rear Right Building	Capacity 10,000	Brand/Supplier Reichert & Son	Grade #2 Fuel Oil	Approx. Age 16 Yrs.	Steel/Fiberglass Steel															
6. INSTALLATION DATA		Location Rear Right Building	Cover Exposed	Pipe 3"	Vents 2"	Siphones None	Pumps Suction															
7. UNDERGROUND WATER		Depth to the water table from grade 103" MW																				
8. FILL-UP ARRANGEMENTS		Tank to be filled 0700 hr. 07 Date Arranged by Mr. Piero Maggiasco (401)944-5655 Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead. Reichert & Son Terminal or other contact for notice or inquiry _____ Company _____ Name _____ Telephone _____																				
9. CONTRACTOR, MECHANICS, any other contractors involved																						
10. OTHER INFORMATION OR REMARKS		Test results reflect the condition of the system on the date tested only. No conclusions for future condition can be drawn from these test results. Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.																				
11. TEST METHOD		<input checked="" type="checkbox"/> PETRO TITE II <input type="checkbox"/> PETRO COMP <input type="checkbox"/> QUICK CHECK 2000																				
11a. TEST RESULTS		Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Tank Identification</th> <th>Tight</th> <th>Net Volume Change Per Hour</th> <th>Date Tested</th> </tr> </thead> <tbody> <tr> <td>10,000/#2 Fuel Oil</td> <td>YES</td> <td>-0.042 GPH</td> <td>07-23-92</td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>					Tank Identification	Tight	Net Volume Change Per Hour	Date Tested	10,000/#2 Fuel Oil	YES	-0.042 GPH	07-23-92								
Tank Identification	Tight	Net Volume Change Per Hour	Date Tested																			
10,000/#2 Fuel Oil	YES	-0.042 GPH	07-23-92																			
12. SENSOR CERTIFICATION		06-24-91 Date 597 Serial No. of Thermal Sensor																				
13. CONTRACTOR CERTIFICATION		Technician Antonio B. Martinez Precision Testing Company 120 Naples Avenue, Warwick RI 02886 Certification # 121391 B 0351 12-13-93 Address																				

15. TANK TO TEST

Rev of P.D.L.
Identify by position
#2 F.O.
Brand and Grade

15a. BRIEF DIAGRAM OF TANK FIELD



16. CAPACITY

Rated Capacity 10,000
Gallons
By most accurate capacity chart available 10,094
Gallons

- From
- ☐ Station Chart
 - ☐ Tank Manufacturer's Chart
 - ☐ Company Engineering Data
 - ☒ Charts supplied with
 - ☐ Other

17. FILL-UP FOR TEST

Stick Water Bottom before Fill-up 0 to 12" in. 0 Gallons 120 Tank Diameter in.

Inventory

Gallons

Total Gallons as Reading

10,094
LP 0
7.0 7
10,111
Transfer total to line 25a

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK

- ☐ Water in tank ☐ Lines being tested with LVLVT
☐ High water table in tank excavation

See manual sections applicable. Check before and record procedure in log (17).

Use minimum allowable test pressure for all tests.
Four pound rule does not apply to double-walled tanks.

Complete section below:

1. Is four pound rule required? Yes ☒ No ☐
2. Height to 12" mark from bottom of tank 67 in.
3. Pressure at bottom of tank 4 P.S.I.
4. Pressure at top of tank 5 P.S.I.

Depth of burial

Tank dia.

Water table

NOTE: 112x-036 = 4.032
4.032 + 4 = 8.032
8.032 ÷ 0.036 = 223
223 - 156 = 67"

19. TANK MEASUREMENTS FOR TSTT ASSEMBLY

Bottom of tank to grade 156 in.
Add 30" for "T" probe stay 30 in.
Total tubing to assembly - approximate in.

20. EXTENSION HOSE SETTING

Tank top to grade 30 in.
Extend hose on suction tube 6" or more below tank top in.

* If fill pipe extends above grade, use top of fill.

22. Thermal-Dewar Reading after circulation
Digits
Between °F

23. Digits per °F in range of expected change
digits

COEFFICIENT OF EXPANSION (Complete after circulation)

24a. Corrected A.P.I. Gravity
Observed A.P.I. Gravity
Hydrometer employed
Observed Sample Temperature
Corrected A.P.I. Gravity @ 60°F, from Table A

Coefficient of Expansion for Inspected Product from Table B

Transfer COE to Line 25b.

21. VAPOR RECOVERY SYSTEM

- ☐ Stage 1 ☐ Stage 2

24b. COEFFICIENT OF EXPANSION RECIPROCAL METHOD

Type of Product #2 F.O.
Hydrometer Employed 4
Temperature in Tank After Circulation 75 °F
Temperature of Sample 71 °F
Difference (°F) -4
Observed A.P.I. Gravity 27.2

Reciprocal 2298 Page 28
10,111 2298 4.3999/
Total quantity in full tank (16 or 17) Reciprocal Volume change in this tank per °F
Transfer to Line 25b.

24c. FOR TESTING WITH WATER see Table C & D

Water Temperature after Circulation Table C °F

Coefficient of Water Table D

Added Surfactant? ☐ Yes ☐ No Transfer COE to Line 25b.

25. (a) Total quantity in full tank (16 or 17) (b) Coefficient of expansion for Inspected product (c) Volume change in this tank per °F

26. (a) 4.39991 (b) 1.000 (c) .00439
Volume change per °F (25 or 24b) This is .0044
Or " in " in " per d time

The above calculations are to be used for dry soil conditions to establish a positive pressure advantage, or when using the four pound rule to compensate for the presence of subsurface water in the tank area.

Refer to N.F.P.A. 30, Sections 2-3.2.4 and 2-7.2 and the tank manufacturer regarding allowable system test pressures.

76 Date and Site	78 Height in feet	79 Inlet to Tank in feet		80 Inlet to Product in feet		81 Product Height in feet to bottom of tank	82 Inlet to Product in feet to bottom of tank	83 Inlet to Product in feet to bottom of tank	84 Inlet to Product in feet to bottom of tank	85 Inlet to Product in feet to bottom of tank	86 Inlet to Product in feet to bottom of tank	87 Inlet to Product in feet to bottom of tank	88 Inlet to Product in feet to bottom of tank	89 Inlet to Product in feet to bottom of tank	90 Inlet to Product in feet to bottom of tank
		81 Inlet to Tank in feet	82 Inlet to Tank in feet	83 Inlet to Product in feet to bottom of tank	84 Inlet to Product in feet to bottom of tank	85 Product Height in feet to bottom of tank									
		Arrived at test location.		Took Measurements		Checked for Water.									
		Pump Primed and running.		Took A.P.I. Sample.											
		HIGH LEVEL TEST				804									
	1	42	0.880	0.830	-0.050	833	+29	+0.128	-0.178						
	2	42	0.830	0.740	-0.090	854	+21	+0.092	-0.182						
	3	42	0.740	0.740	+0.000	877	+23	+0.101	-0.101						
	4	42	0.740	0.700	-0.040	897	+20	+0.084	-0.128						
	5	42	0.700	0.680	-0.020	915	+18	+0.079	-0.099						
	6	42	0.680	0.690	+0.010	937	+22	+0.097	-0.087						
	7	42	0.690	0.720	+0.030	958	+21	+0.092	-0.062						
	8	42	0.720	0.770	+0.050	981	+23	+0.101	-0.051						
	9	42													
	10	42				990									
	11	42	0.060	0.190	+0.130	010	+20	+0.088	+0.042						
	12	42	0.190	0.260	+0.070	028	+18	+0.079	-0.009						
	LOW LEVEL TEST		13	12	0.260	0.290	+0.030	035	+7	+0.031	-0.001	-0.001	-0.001	-0.001	-0.001
			14	12	0.290	0.310	+0.020	040	+5	+0.022	-0.002	-0.002	-0.002	-0.002	-0.002
			15	12	0.310	0.330	+0.020	046	+6	+0.026	-0.006	-0.006	-0.006	-0.006	-0.006
			16	12	0.330	0.350	+0.020	050	+4	+0.018	-0.002	-0.002	-0.002	-0.002	-0.002
			17	12	0.350	0.360	+0.010	054	+4	+0.018	-0.008	-0.008	-0.008	-0.008	-0.008
			18	12	0.360	0.380	+0.020	060	+6	+0.026	-0.006	-0.006	-0.006	-0.006	-0.006
			19	12	0.380	0.410	+0.030	067	+7	+0.031	-0.001	-0.001	-0.001	-0.001	-0.001
			20	12	0.410	0.420	+0.010	070	+3	+0.013	-0.003	-0.003	-0.003	-0.003	-0.003
			21	12	0.420	0.440	+0.020	075	+5	+0.022	-0.002	-0.002	-0.002	-0.002	-0.002
			22	12	0.440	0.460	+0.020	081	+6	+0.026	-0.006	-0.006	-0.006	-0.006	-0.006
			23	12	0.460	0.480	+0.020	086	+5	+0.022	-0.002	-0.002	-0.002	-0.002	-0.002
			24	12	0.480	0.500	+0.020	091	+5	+0.022	-0.002	-0.002	-0.002	-0.002	-0.002
			25	12	0.500	0.510	+0.010	095	+4	+0.018	-0.008	-0.008	-0.008	-0.008	-0.008

		26	12	0.510	0.520	+0.010	098	+7	+0.013	-0.003	-0.048				
		27	12	0.520	0.540	+0.020	105	+7	+0.031	-0.011	-0.059				
		28	12	0.540	0.570	+0.030	111	+6	+0.036	+0.004	-0.055				
		29	12	0.570	0.590	+0.020	116	+5	+0.022	-0.002	-0.057				
		30	12	0.140	0.150	+0.010	119	+3	+0.013	-0.003	-0.060				
		31	12	0.150	0.170	+0.020	125	+6	+0.026	-0.006	-0.066				
		32	12	0.170	0.190	+0.020	130	+5	+0.022	-0.002	-0.068				
		33	12	0.190	0.210	+0.020	134	+4	+0.018	-0.002	-0.066				
		34	12	0.210	0.220	+0.010	139	+5	+0.022	-0.012	-0.078				
		35	12	0.220	0.240	+0.020	143	+4	+0.018	-0.002	-0.076				
		36	12	0.240	0.250	+0.010	147	+4	+0.018	-0.008	-0.084				
AGE:															
FILL SIZE:															
VENT SIZE:															
COVER:															
WATER TABLE:															

P-T Tank Test Data Chart
Additional Info

-0.042 GPH

Net Volume Change at Conclusion of Precision Test _____ gph

Signature of Tester _____

Date _____

8. Statement:

() Tank and product handling system has been tested eight
according to the Precision Test Criteria as established by
N.P.A. Publication 229. This is not intended to indicate
permission of a test.

OR

() Tank and product handling system has failed the tank tightness
test according to the Precision Test Criteria as established by
N.P.A. Publication 229.

It is the responsibility of the owner and operator of this
system to immediately advise those and local authorities of any
leakage hazard and the possibility of any hazardous pollution to
the environment as a result of the indicated failure of this
system. Health Consultants Incorporated does not assume any
responsibility or liability for any loss of product to the
environment.

Tank Owner/Operator _____

Date _____

12 = -0.042
GPH

ATTACHMENT 3

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
DIVISION OF OIL POLLUTION AND UNDERGROUND STORAGE TANKS
291 Promenade Street
Providence, Rhode Island 02908
(401) 277-2234

FACILITY ID _____

CERTIFICATE OF CLOSURE
FOR UNDERGROUND STORAGE FACILITIES

In compliance with Chapter 46-12 of the Rhode Island General Laws, as amended, and the Regulations for Underground Storage Facilities Used for Petroleum Products and Hazardous Materials,

Piero Maggialcorno

owner/operator of an underground storage facility located at

100 Bosworth Street

Providence RI

is issued this Certificate of Closure indicating that the storage tanks described below have been taken out of service permanently, in compliance with the Regulations for Underground Storage Facilities Used for Petroleum Products and Hazardous Materials.

TANK ID NUMBER	VOLUME	STORED MATERIAL	DATE LAST USED	STATUS OF TANK Filled Removed
<i>2</i>	<i>13,000 gal</i>	<i>#4 or #6 oil</i>	<i>7/12/92</i>	<i>R</i>
		<i>Oil contaminated soil at water table removed</i>		
<i>4</i>	<i>Ground water remediation</i>	<i>1</i>	<i>1</i>	
	<i>proposal pending per on-site</i>	<i>1</i>	<i>1</i>	
	<i>meeting w/ Mr. Polkassi</i>	<i>1</i>	<i>1</i>	
	<i>& Owner</i>			

Signed this *28* day of *September*, 19 *92*

Reviewed by: *David Clark*

Approved: *G. J. Foster*

Asst Dir Chief, Division of Oil Pollution and
Underground Storage Tanks
Department of Environmental Management

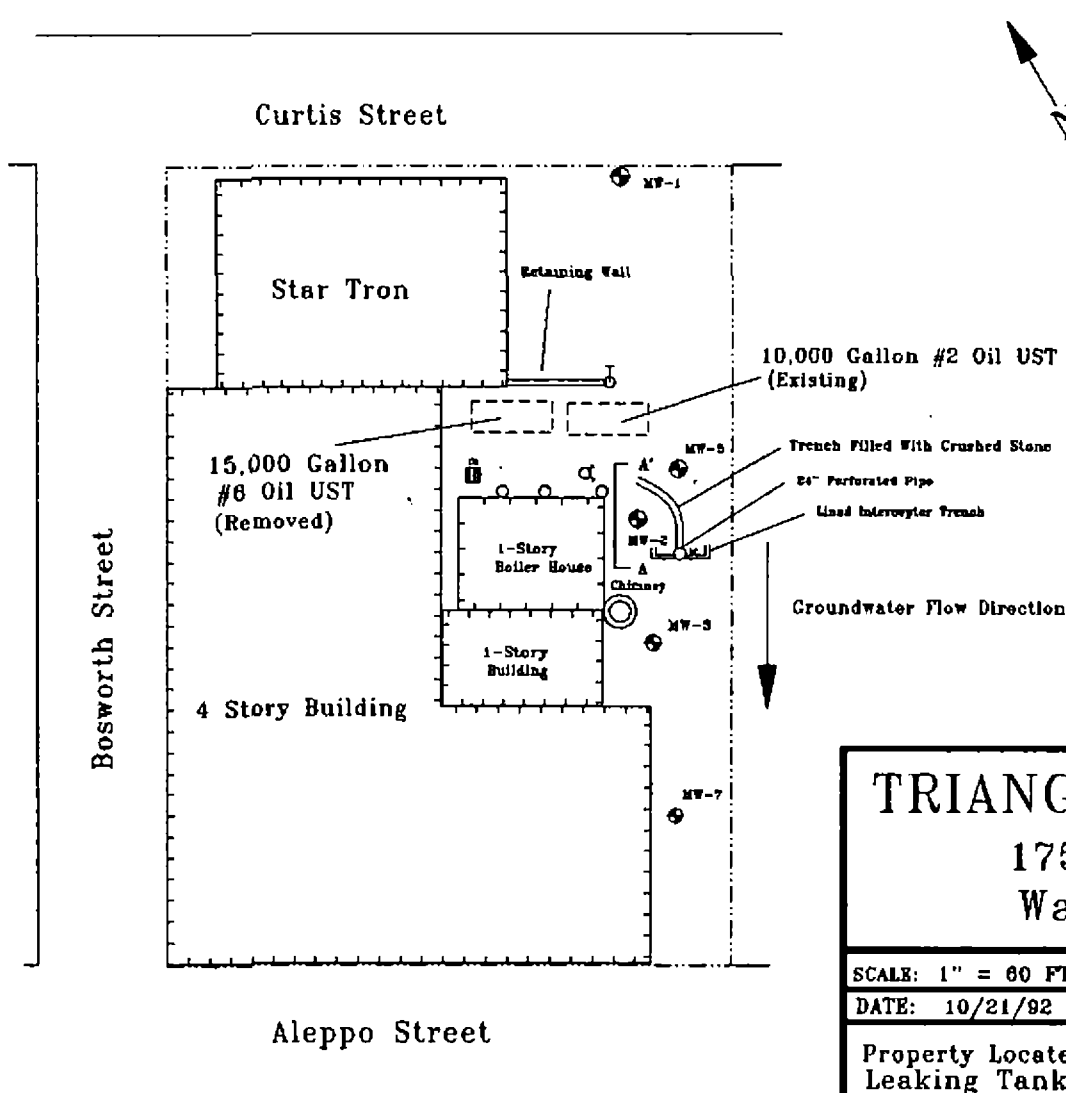
CLOSE1 _____

CLOSE2 _____





CLOSE3 _____

*1 - 10,000 gallon - #4 oil tank
still in service*

FIGURE 1



LEGEND

-  Monitoring Wells Installed By GZA
-  Telephone Pole
-  UST Vent Pipes
-  Hydrant

TRIANGLE ENVIRONMENTAL

175 Metro Center Blvd.
Warwick, R.I. 02886

SCALE: 1" = 60 FT

APPROVED BY: MADR

DRAWN BY: JET

DATE: 10/21/92

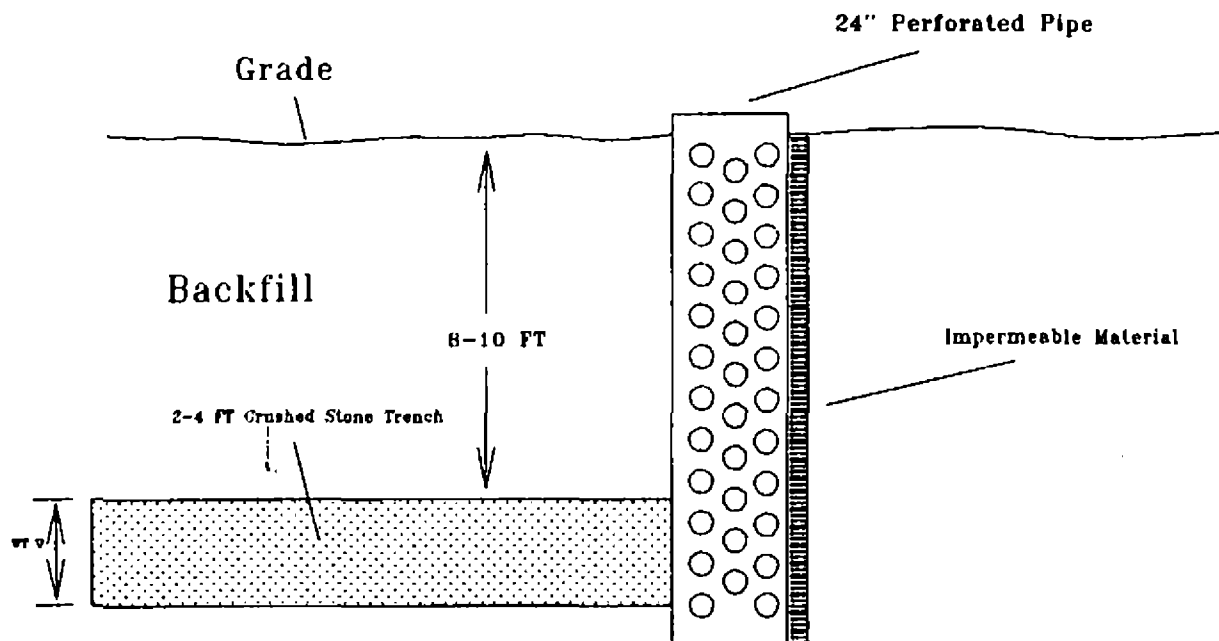
REVISED:

Property Located At 100 Bosworth Street, Providence, R.I.
Leaking Tank Enforcement Case LS 2836

Proposed Interceptor Trenches

DRAWING NO. 9248
Figure 1

FIGURE 2



TRIANGLE ENVIRONMENTAL

175 Metro Center Blvd.

Warwick, R.I. 02886

SCALE: Not To Scale

APPROVED BY: MADR

DRAWN BY: JET

DATE: 10/21/92

REVISED:

Property Located At 100 Bosworth Street, Providence, R.I.
Leaking Tank Enforcement Case LS 2836

Cross Section A - A'

DRAWING NO. 9248
Figure 2