

1-CERT
1-960007

STAGE I/STAGE II STATION NOTIFICATION FORM (ONE PER STATION)

RECEIVED
NEW HAMPSHIRE

DEC 30 1994

FACILITY
NAME * Highland Street Service Station
Physical Address 9 Highland St
City, Zip E. Rochester, NH 03868

OWNER
Contact Name James L. Boucher
Company Name AIR RESOURCES DIVISION
Address _____
City, State, Zip _____

Mailing address * 100 EAST Rochester Auto Sales and Service
City, Zip _____

On-site manager Ryan Metivier

ANNUAL GALLONS THROUGHPUT - Sales of all fuels and grades excluding diesel.
1990 _____ 1991 _____
1992 _____ 1993 _____

STAGE II (vapor control at nozzles)

STAGE I (vapor control of storage tanks)

Type of Equipment _____

Type of Equipment COAXIAL DROP TUBE

Installer _____

Installer MAPES Petroleum Products

Construction Date begin _____ complete _____
(Please notify Dept. of any changes in Schedule)

Construction Date begin _____ complete _____
(Please notify Dept. of any changes in Schedule)

MAKE CHECK PAYABLE TO:
TREASURER, STATE OF N.H.

Check one (enclose check)
\$200 FEE (STAGE I & STAGE II) _____

\$75 FEE (STAGE I only) X

Has the underground piping been installed previously?

yes ☒

no ☐

Has station's underground tanks or piping been modified since November 15, 1990?

yes ☒

no ☐

I certify that the above information is true and correct.

James L. Boucher
(Signature of Owner)



Air Resources Division

64 N. Main st.

Caller Box 2033

Concord NH 03302-2033

grn

UST FACILITY COMPLIANCE REVIEW REQUEST FORM

Facility I.D No.: 0-113358

Town: ROCHESTER

Facility Name: HIGHLAND ST. SERVICE DES No.: 240507

Date Submitted to Permits & Prevention: ER

Project Manager: CR

List of Attached Compliance Documentation:

Date Review Completed: 11/10/94

Compliance Reviewer: SPRUE WHEELER

Compliance with Env-Ws411: ☐

Non-Compliance with Env-Ws411: ☒

Fee Required per 146:c: ☐ Active / Inactive
(Circle One)

(see attached UST Facility Compliance Review Comments)

1

Date Submitted to Permits & Prevention: 12/9/94

Project Manager: WRE

List of Attached Compliance Documentation:

STIR submitted to owner
5/19/94. No compliance issues
submitted

Date Review Completed: _____

Compliance Reviewer: _____

Compliance with Env-Ws411: ☐

Non-Compliance with Env-Ws411: ☐

Fee Required per 146:c: ☐ Active / Inactive
(Circle One)

(see attached UST Facility Compliance Review Comments)

2

Date Submitted to Permits & Prevention: _____

Project Manager: _____

List of Attached Compliance Documentation:

Date Review Completed: _____

Compliance Reviewer: _____

Compliance with Env-Ws411: ☐

Non-Compliance with Env-Ws411: ☐

Fee Required per 146:c: ☐ Active / Inactive
(Circle One)

(see attached UST Facility Compliance Review Comments)

3

Date Submitted to Permits & Prevention: _____

Project Manager: _____

List of Attached Compliance Documentation:

Date Review Completed: _____

Compliance Reviewer: _____

Compliance with Env-Ws411: ☐

Non-Compliance with Env-Ws411: ☐

Fee Required per 146:c: ☐ Active / Inactive
(Circle One)

(see attached UST Facility Compliance Review Comments)

4



**MSG CONSULTING
ENVIRONMENTAL SERVICES**

PO BOX 178, ROCHESTER, NH 03867

PHONE: (603) 332-8022

December 12, 1994

RECEIVED
DEC 19 1994
DEPARTMENT OF
ENVIRONMENTAL SERVICES

NHDES-GPB

Attn.: Spruce Wheelock
6 Hazen Drive
Concord, NH 03302-0095

Re: Highland Street Service Station, dba East Rochester Auto Sales and Service, DES # 940507

Dear Spruce:

Enclosed, please find the tank tightness test results and the November tank inventory monitoring forms for East Rochester Auto Sales and Service, 9 Highland Street, East Rochester, NH. As soon as the December inventory is completed I will forward it to you.

Sincerely,

Todd Scheffer
Environmental Engineer
MSG Consulting
Environmental Services

cc: James Boucher, Highland Street Service Station

TANKNOLOGY CORPORATION INTERNATIONAL

5225 Hollister, Houston, Texas 77040-6294 Phone (800) 888-8563 FAX (713) 690-2255

Certificate of Tightness

Service Order #: 128070

Test Date: 09/30/94

Underground storage tank system(s) tested and found tight for:

Tank Owner: HIGHLAND SERVICE CENTER

Test Site No.:

Test Site Address: HIGHLAND SERVICE CENTER 9 HIGHLAND STREET
EAST ROCHESTER, NH

3 Tank(s) only,

3 Line(s) only,

Leak Detector(s) only.

Tank sizes & products tested:

1 5000 REG UNL

2 5000 REG UNL

3 3000 SUPR UNL

Lines Tested:

1A REG, 2A REG, 3A SUP

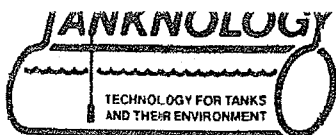
Leak Detectors Tested:

Unit Mgr. Certificate Number & Name 290 STEPHEN KULIGA 06/95



U.S. Patent #4462249, Canadian Patent #1185693, European Patent Appl. #169283
TANKNOLOGY & VacuTest are trademarks of TANKNOLOGY CORPORATION INTERNATIONAL

Note: See VacuTest Report for tank identification & site location drawing.



VacuTest™ TEST REPORT

Owner HIGHLAND SERVICE CENTER

Site #

S.O. # 128070

Date 09/30/94

Phone

Attn: JEFF WEBB

Invoice Name/Address HIGHLAND SERVICE CENTER 9 HIGHLAND STREET EAST ROCHESTER, NH 03867

Site Name/Address HIGHLAND SERVICE CENTER 9 HIGHLAND STREET EAST ROCHESTER, NH 03867

TANKS											LINES							Leak Det		TANKS and LINES Tested to CFR-40 Parts 280-281 & NFPA 329 Spec's. Other:				
See Diag. For Loc. Tank #	Tank Product	Tank Capacity	Tank Dia. & Material ST/ FRP/ Lined	Dipped Water Level ■ START END	Dipped Product Level ■ START END	Probe Water Level ■ START END	Water Ingress Detected ■ Yes/No	Bubble Ingress Detected ■ Yes/No	Ullage Air Ingress Detected ■ Yes/No	TANK ■ Tight or Fail	Line #	Line Material ■ ST/ FRP	Line Delivery Syst. Type ■ PS/SS/GS	LINE TEST ■ START TIME	LINE TEST ■ END TIME	Final Leak Rate ■ GPH	LINE ■ Tight or Fail	Exist LD(s) Pass/ Fail/ or NONE	NEW LD(s) Tested & PASS					
1	REG UNL	5000	Diameter	00.250	043.00	00.210	N	N	N	T	1A	ST	SS	9:30	10:45	0.000	T	-	-	Exist LD SN/MDL/MFG: New/2nd LD SN/MDL/MFG: LINE TEST PSI: Dispenser Shear Valves Operate (yes/no) -				
			72	00.250	043.00	00.210																		
			Material	Start Time: 9:30		Percent of Fill at Time of Test: 60.0		Pump Mfg.: SUCTION																
			ST	End Time: 10:45		Tank Test PSI: -1.20		Probe Entry: FILL	Inclinometer Degrees: N/A															
2	REG UNL	5000	Diameter	00.250	045.00	00.370	N	N	N	T	2A	ST	SS	9:30	10:45	0.000	T	-	-	Exist LD SN/MDL/MFG: New/2nd LD SN/MDL/MFG: LINE TEST PSI: Dispenser Shear Valves Operate (yes/no) -				
			72	00.250	045.00	00.370																		
			Material	Start Time: 9:30		Percent of Fill at Time of Test: 62.0		Pump Mfg.: SUCTION																
			ST	End Time: 10:45		Tank Test PSI: -1.20		Probe Entry: FILL	Inclinometer Degrees: N/A															
3	SUPR UNL	3000	Diameter	00.250	049.00	00.210	N	N	N	T	3A	ST	SS	10:57	12:10	0.000	T	-	-	Exist LD SN/MDL/MFG: New/2nd LD SN/MDL/MFG: LINE TEST PSI: Dispenser Shear Valves Operate (yes/no) -				
			64	00.250	049.00	00.210																		
			Material	Start Time: 10:57		Percent of Fill at Time of Test: 76.0		Pump Mfg.: SUCTION																
			ST	End Time: 12:10		Tank Test PSI: -1.20		Probe Entry: FILL	Inclinometer Degrees: N/A															
			Diameter																	Exist LD SN/MDL/MFG: New/2nd LD SN/MDL/MFG: LINE TEST PSI: Dispenser Shear Valves Operate (yes/no) -				
			Material	Start Time:		Percent of Fill at Time of Test:		Pump Mfg.:																
				End Time:		Tank Test PSI:		Probe Entry:	Inclinometer Degrees:															
			Diameter																	Exist LD SN/MDL/MFG: New/2nd LD SN/MDL/MFG: LINE TEST PSI: Dispenser Shear Valves Operate (yes/no) -				
			Material	Start Time:		Percent of Fill at Time of Test:		Pump Mfg.:																
				End Time:		Tank Test PSI:		Probe Entry:	Inclinometer Degrees:															
			Diameter																	Exist LD SN/MDL/MFG: New/2nd LD SN/MDL/MFG: LINE TEST PSI: Dispenser Shear Valves Operate (yes/no) -				
			Material	Start Time:		Percent of Fill at Time of Test:		Pump Mfg.:																
				End Time:		Tank Test PSI:		Probe Entry:	Inclinometer Degrees:															

TANKNOLOGY Region: NORTH EAST REGION

Unit # 055

State Lic. #

State: NH

Tanknology Corporation International

5225 Hollister St., Houston, TX 77040

(800) 888-8563 • FAX (713) 690-2255

NOTE: Original VacuTest Data recordings are reviewed by Tanknology's Audit Control Department and maintained on file.

3353

MONITOR WELLS

NONE FOUND

Well Number	1	2	3	4	5	6	7	8	9	10	11	12
Well Depth												
Depth to Water												
Product Detected												
AMOUNT in inches												

Standard Symbols for diagram below:

(F) Fill

(V) Vapor Recovery

(V/B) V.R. w / Ball Float

(M) Monitor Well
(Outside Tank Bed Area)

(Δ) Observation Well
(Inside Tank Bed Area)

(B) Ball Float

(G) Tank Gauge

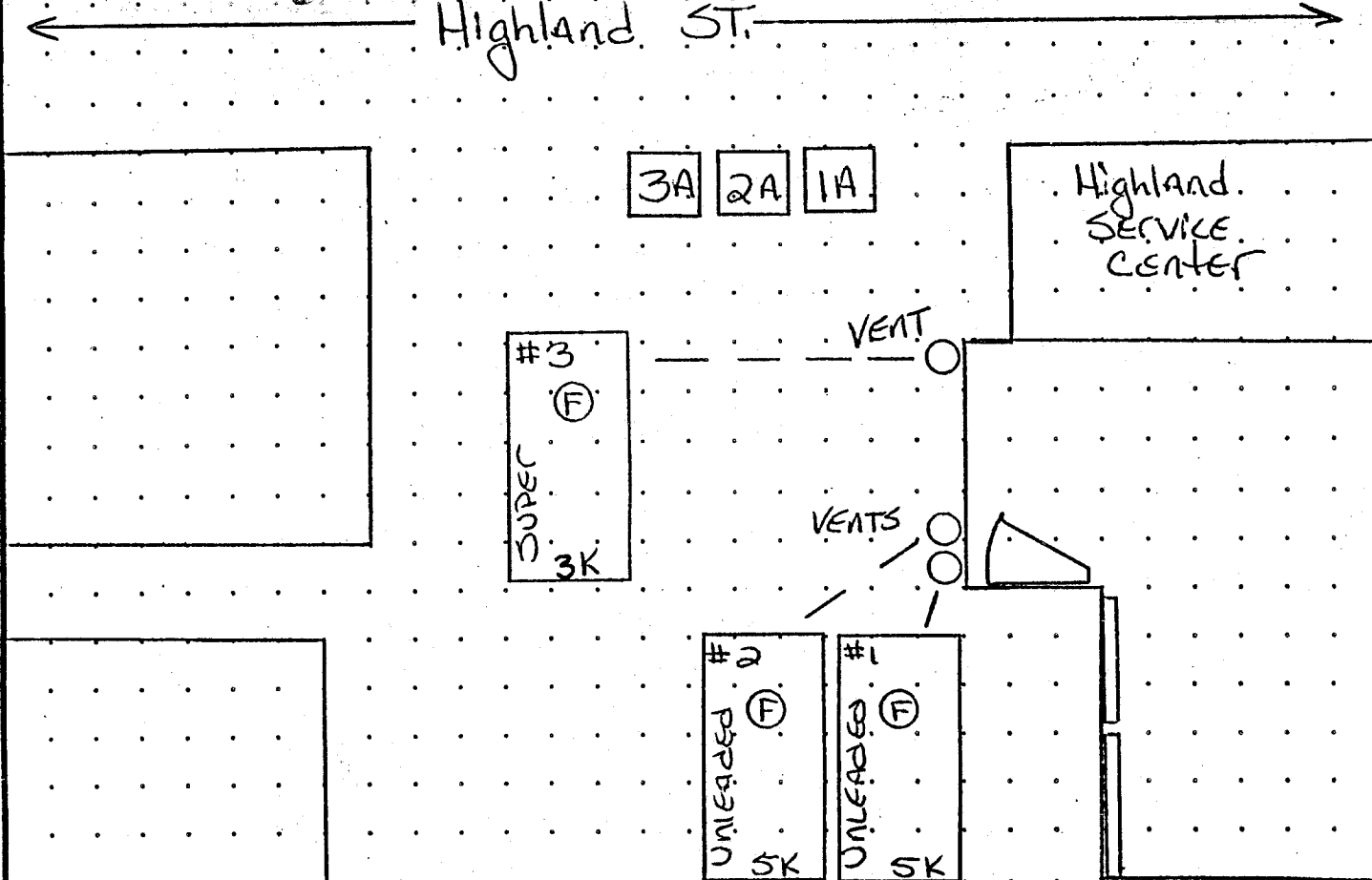
(○) Vent

(M) Manway

(I) Iron Cross

(T) Turbine

Location Diagram - include the vapor recovery system.



Vapor Recovery System & Vents were tested with which tank?

Parts and Labor used

General Comments

NO Problems TESTING.

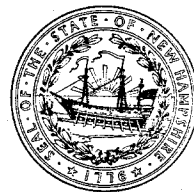
When OWNER or local regulations require immediate reports of system failure-Complete the following:

REPORTED TO:	NAME	DATE	TIME
	Jim Boucher	9-30-94	
Phone#	OWNER or Regulatory Agency	FILE NUMBER	
Print Certified Testers Name		Vacutec™ Certification Number	
STEVE Kuliga		0290	
Certified Testers Signature		Date Testing Completed	
[Signature]		9-30-94	



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
603-271-3503 FAX 603-271-2867
TDD Access: Relay NH 1-800-735-2964



November 8, 1994

James Boucher
C/O Boucher Hardware
70 main Street
East Rochester, New Hampshire 03868

SUBJECT: **Rochester**, Highland Street Service Station, REQUEST FOR UST CLOSURE
REPORT (UST# **0-113358**)

Dear Mr. Boucher:

The New Hampshire Department of Environmental Services (DES) understands that you have permanently closed in May 1994 two (2) 4,000 gallon gasoline underground storage tanks located at your facility referenced above.

We have not received a closure report or any information to determine that the tanks were closed in accordance with the New Hampshire Code of Administrative Rules, Env-Ws 411.18, and the "Underground Storage Tank (UST) Closure Env-Ws 411.18 Sampling and Reporting Guidelines" (Guidelines). DES requires the owner of a facility to conduct a site assessment to determine if a release has occurred and if contamination is present after tanks are closed. In order for you and DES to know if a leak or spillage has occurred at this location, the results of your closure investigation and a closure report must be completed as outlined in the Guidelines. I have enclosed a copy for your assistance. Please submit your finished report to the address above.

Failure to comply with these requirements will result in further site investigation of the UST facility pursuant to New Hampshire Code of Administrative Rule Env-Ws 412, Reporting and Remediation of Oil Discharges, and possible loss of eligibility of State Oil Discharge and Disposal Cleanup Funding.

If you have any questions, you may contact us at (603) 271-3644.

Sincerely,

Thomas R. Beaulieu
Groundwater Protection Bureau

TRB/trb : (161)
Enclosure: Guidelines

AIR RESOURCES DIV.
64 No. Main Street
Caller Box 2033
Concord, N.H. 03302-2033
Tel. 603-271-1370
Fax 603-271-1381

WASTE MANAGEMENT DIV.
6 Hazen Drive
Concord, N.H. 03301
Tel. 603-271-2900
Fax 603-271-2456

WATER RESOURCES DIV.
64 No. Main Street
P.O. Box 2008
Concord, N.H. 03302-2008
Tel. 603-271-3406
Fax 603-271-6588

WATER SUPPLY & POLLUTION CONTROL DIV.
P.O. Box 95
Concord, N.H. 03302-0095
Tel. 603-271-3503
Fax 603-271-2181



**MSG CONSULTING
ENVIRONMENTAL SERVICES**

PO BOX 178, ROCHESTER, NH 03867
PHONE: (603) 332-8022 FAX (603) 332-6702

October 31, 1994

NHDES-GPB

Attn.: Tom Beaulieu

6 Hazen Drive

Concord, NH 03302-0095

0-113398

RECEIVED

NOV 3 1994

**DEPARTMENT OF
ENVIRONMENTAL SERVICES**

re: Highland Street Service Station (DES # 940507), amended UST registration

Dear Tom:

On October 25, 1994, two 275 gallon unregistered underground waste oil storage tanks were temporarily closed at the Highland Street Service Station. The tanks were pumped dry by Wentworth Greenhouses where it will be burned in a waste oil burner. The tanks are planned to be permanently closed in the summer of 1995.

I have enclosed an amended registration for Highland Street Service Station which will include these two tanks (#7 and #8).

If you have any questions please call me at 332-8022.

Sincerely,

Todd Scheffer
Environmental Engineer
MSG Consulting
Environmental Services

cc: Jim Boucher, Highland Street Service Station.

ID: 0-113358

SITE: ROCHESTER

HIGHLAND ST. SERVICE STATION
HIGHLAND STREET

OWNER: HIGHLAND ST. SERVICE STATION
HIGHLAND STREET
EAST ROCHESTER NH 03867



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095

603-271-3503 FAX 603-271-2867

TDD Access: Relay NH 1-800-735-2964

September 1993



SUBJECT: COMPLIANCE WITH STATE AND FEDERAL REQUIREMENTS FOR LEAK
DETECTION AT REGULATED UNDERGROUND STORAGE TANK
FACILITIES

Dear Sir/Madam:

Our records indicate that you are the owner of a regulated underground storage tank (UST) facility which is not, or may soon not be, in compliance with State and Federal release detection requirements for regulated USTs. To assist you in evaluating the status of your facility, compliance requirements and deadlines are summarized below. More detailed information on these requirements and additional information to help you achieve compliance are also enclosed for your review. We urge you to immediately review this information, take action to bring your facility into compliance, and provide documentation to the New Hampshire Department of Environmental Services (NHDES) that your system is in compliance.

COMPLIANCE DEADLINES

In order to comply with NHDES release detection requirements as described in New Hampshire Code of Administrative Rules Env-Ws 411, Control of Underground Storage Facilities, your facility must meet specific minimum requirements for spill containment and overfill prevention, UST release detection, and UST-related piping release detection. Specific compliance deadlines for each of these requirements are presented below:

1. **Spill Containment and Overfill Prevention:** Spill containment and overfill prevention devices for all regulated USTs must have been installed prior to October 1, 1992.
2. **UST Release Detection and/or Monitoring:** For regulated USTs, which do not store heating oil for on-premise use and do not have secondary containment and leak monitoring, release detection and/or monitoring equipment must be installed in accordance with the schedule on the enclosed Fact Sheet. As indicated by this schedule, all regulated UST facilities must be in compliance prior to December 22, 1993.
3. **Release Detection for Piping:** Compliance for pressurized piping systems should have been attained by December 22, 1990. Suction piping systems must comply in accordance with the schedule described for USTs in Item 2 above.

REQUESTED ACTION

We strongly urge you to voluntarily bring your system into compliance and provide documentation to NHDES. Depending on the current status of your facility, we request that you take one of the following actions:

1. **Facility In Compliance:** Please provide us with documentation of compliance for our records. This documentation should include a site sketch showing the locations of USTs, UST piping and other pertinent features; any testing results; and a brief narrative description of actions taken to attain compliance.
2. **Facility Not In Compliance:** You should immediately take action to attain compliance and submit the documentation as described in Item 1 above. Please be advised that a failure to comply with UST regulations may result in fines and penalties as specified in RSA 146-C of up to \$10,000 for each violation.

Thank you for your efforts to comply with UST release detection requirements and to minimize the risk of a release of petroleum to the environment from your facility. If you should have any questions, please contact us at the address shown for Water Supply and Pollution Control Division or call us at (603) 271-3644.

Sincerely yours,

Spruce C. Wheelock

Spruce C. Wheelock
Groundwater Protection Bureau

SCW/emw

Enclosures: Fact Sheet
Tank Testing Firms
Release Detection and Piping Requirements

cc: Harry T. Stewart, P.E., Administrator, GPB
Lynn A. Woodard, P.E., OCS/GPB

Submit with Payment

RECEIVED

+

INVOICE		Amount
Description		
Strafford County		SEP 18 1993
0-113358 HIGHLAND ST. SERVICE STATION HIGHLAND STREET ROCHESTER		DEPARTMENT OF ENVIRONMENTAL SERVICES
Facility Permit Fee for 1990 through 1994 Date Due: September 30, 1993 @ \$70.00 per year		
Date:		\$350.00
Amount Due :		\$350.00

Make checks payable to: Treasurer, State of New Hampshire

**Please Use The Return Envelope
Enclosed With This Invoice**

RECEIVED

COPY

DEC 17 1992
DEPARTMENT OF
ENVIRONMENTAL SERVICES

TANK OWNER RESPONSIBLE
FOR SUBMITTING ALL TESTING
RESULTS TO LOCAL DEPARTMENT
ENVIRONMENTAL PROTECTION

Leak Computer® - Quick Look Report
(PAGE 1)

Leak Computer® - Quick Look Report
(PAGE 2)

Test Number: 92092362.B25

Test Number: 92092362.B25

FOR: 3954 gallon SUPER U/L Tank
LOCATION: CITGO / HIGHLAND ST / E. ROCHESTER N.H.
DATE OF TEST: 09/23/92
LEAK COMPUTER S/N: 90020105

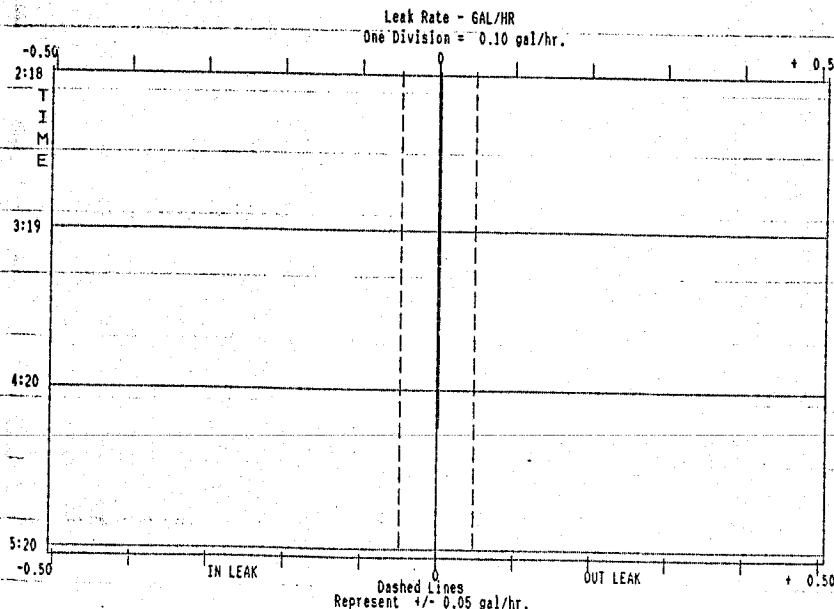
Test Level 25 Inches ABOVE Tank Top
Data from Channel B
Manifolding: 1-2
COE: 0.000642 Spec. Gr.: 0.00 Tank Temp: 64.8
Leak Rate Average of 30 Cycles
Total Test Time: 1:59 hours

TEST RESULTS

Final Average Leak Rate: less than 0.05 gal/hr.
Rate of Temperature change: -0.0157 deg F/hr.
Rate of Volume change: 0.0000 gal/hr.
0.99 Error Band: +/- 0.00 gal/hr.
Tank and System: TIGHT @ 25 inches ABOVE Tank Top.

MANIFOLD
TANKS
PASS

Test Technician: *Randy W. Stephenson* 9/24/92
RANDY W. STEPHENSON HT055



3358
#516

Leak Computer® - Quick Look Report (PAGE 1)

Test Number: 92092361.A21

Test Number: 92092361.A21

FOR: 3954 gallon SUPER U/L Tank
 LOCATION: CITGO / HIGHLAND ST / E. ROCHESTER N.H.
 DATE OF TEST: 09/23/92
 LEAK COMPUTER S/N: 90020105

Test Level 21 Inches ABOVE Tank Top
 Data from Channel A
 Manifolding: 1-2
 CUE: 0.000642 Spec. Gr.: 0.78 Tank Temp: 65.4
 Leak Rate Average of 30 Cycles
 Total Test Time: 1:59 hours

TEST RESULTS

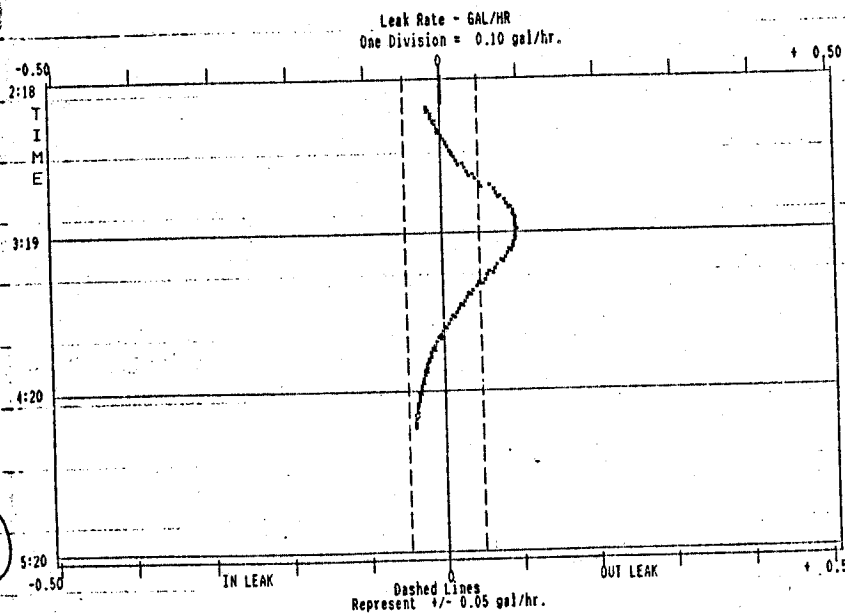
Final Average Leak Rate: less than 0.05 gal/hr.
 Rate of Temperature change: -0.0017 deg F/hr.
 Rate of Volume change: -0.0008 gal/hr.
 0.99 Error Band: +/- 0.02 gal/hr.
 Tank and System: TIGHT @ 21 inches ABOVE Tank Top.

Test Technician: *Randy W. Stephenson*

RANDY W. STEPHENSON HT055

MANIKED
TANKS

PASS



3358
#516

Test # 3

Temperature - 40°

Test # 3

Temperature - 40°

1. OWNER	☒ Property ☒ Tank(s)	Name <u>Jim Baughen</u> Address <u>2415 Main St</u> City <u>East Rochester NH</u> Zip <u>03508</u> Representative _____ Telephone _____	Name <u>Samt</u> Address _____ City _____ Zip _____ Representative _____ Telephone _____	2. OPERATOR 3. REASON FOR TEST <u>Weekly system status</u> (Explain fully)	4. WHO REQUESTED TEST AND WHEN <u>Jim Baughen</u> <u>Owner</u> Name _____ Title _____ Company or Affiliation _____ Address _____ Zip _____ Telephone _____ Date _____
5. TANK INVOLVED	Use additional tanks for manifolded tanks TANK # <u>4</u> Capacity <u>5,000</u> Identify by Direction _____ Brand/Supplier _____ Grade <u>UV</u> Approx Age <u>4 H</u> Steel Fabricator <u>Steel</u>	Location <u>WEST TO EAST TANK</u> Cover <u>EXHAUSTION</u> Fills _____ Vents _____ Size, Thread make, Drop _____ Size, Thread make, Drop _____ Which tanks? _____ Suction Remote _____ Pumps _____ Make if known _____	6. INSTALLATION DATA Location <u>WEST TO EAST TANK</u> Cover <u>EXHAUSTION</u> Fills _____ Vents _____ Size, Thread make, Drop _____ Size, Thread make, Drop _____ Which tanks? _____ Suction Remote _____ Pumps _____ Make if known _____	7. UNDERGROUND WATER Depth to the water table from grade _____ TANK # <u>4</u> Capacity <u>5,000</u> Identify by Direction _____ Brand/Supplier _____ Grade <u>UV</u> Approx Age <u>4 H</u> Steel Fabricator <u>Steel</u>	8. FILL-UP ARRANGEMENTS TANK # <u>4</u> Capacity <u>5,000</u> Identify by Direction _____ Brand/Supplier _____ Grade <u>UV</u> Approx Age <u>4 H</u> Steel Fabricator <u>Steel</u>
9. CONTRACTOR MECHANICS	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____
10. OTHER INFORMATION OR REMARKS	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____
11. TEST METHOD	☒ PETRO TITE ☐ PETRO COMP ☐ QUICK CHECK 2000	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____
12. TEST RESULTS	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____
13. CONTRACTION CERTIFICATION	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____	Name _____ Address _____ City _____ Zip _____ Telephone _____

14.	Name of Supplier, Owner or Dealer	Address (No. and Street (n))	City	State	Date of Test
14.	Sim Buckner	9 Highlawn St	East Rochester	N.H.	03868 10/24/92

15a. BRIEF DIAGRAM OF TANK FIELD

15b. CAPACITY

Nominal Capacity 5000 Gallons

By most accurate capacity chart reliable 5042 Gallons

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

16. FILL-UP FOR TEST

Stick Water Bottom before Fill-up 0 in. to 5" in. Tank Diameter 72" in.

17. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK

☐ Water in ☒ Liquid ☐ Gas ☐ Vapor ☐ Other

See manual sections applicable. Check below and record procedure in log (27).

Use maximum allowable test pressure for all tests. Four pound rule does not apply to double-bottomed tanks. Complete section below:

1. Is four pound rule required? Yes ☐ No ☒

2. Height to 12" mark from bottom of tank 156 in.

3. Pressure at bottom of tank 4.056 P.S.I.

4. Pressure at top of tank 2.184 P.S.I.

Depth of burial 31 in.

Tank dia. 72 in.

Water table to tank bottom 2.56 W in.

NOTES - Tank bottom

18. TANK MEASUREMENTS FOR TEST ASSEMBLY

Bottom of tank to grade 103 in.

Add 30" for 1" probe assembly 30 in.

Total tubing to assembly - approximately 133 in.

19. EXTENSION HOSE SETTING

Tank top to grade 31 in.

Extend hose on section tube 6" or more below tank top 8 in.

"If fill pipe extends above grade, use top of fill

USE WITH THERMAL SENSOR PN5039 (Blue Box)

20. Thermal Sensor reading after circulation N/A digits

21. Digits per °F (average of expected change) N/A digits

22. Digits per °F (range of expected change) N/A digits

23. IF USING THERMAL SENSORS-2000 OR QC-2000 WHICH READ 1000 DIGITS PER °F TRANSFER 1000 TO LINE 26. DIGITS PER °F IN TEST RANGE.

24a. IF USING THERMAL SENSORS-2000 OR QC-2000 WHICH READ 1000 DIGITS PER °F TRANSFER 1000 TO LINE 26. DIGITS PER °F IN TEST RANGE.

25. (a) N/A × (b) N/A = (c) N/A

Volume change in full tank (17) Gallons

Volume change per °F (25 or 24b) 1000 digits

26. (a) 3.5138127 × (b) 1000 = (c) 3513.8127

Volume change per °F (25 or 24b) 1000 digits

27. Vapor Recovery System

28. COEFFICIENT OF EXPANSION RECIPROCAL METHOD

Type of Product U.S. Gas

Hydrometer Employed 0.26

Temperature in Tank 54.081 °F

Temperature of Sample 53 °F

Difference (+/-) +1 °F

Observed A.P.I. Gravity 62.3

Reciprocal 1438 Page # 66

Total quantity in full tank (17) 5052 Reciprocal 1438

29. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

30. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

31. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

32. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

33. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

34. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

35. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

36. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

37. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

38. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

39. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

40. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

41. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

42. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

43. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

44. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

45. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

46. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

47. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

48. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

49. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

50. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

Added Surfactant? ☐ Yes ☒ No

Transfer COE to Line 25b

51. FOR TESTING WITH WATER

Water Temperature after Circulation 54.081 °F

Water C from Thermal Sensor 54.081 °F

Coefficient of Water N/A

**TANK OWNER RESPONSIBLE
FOR SUBMITTING ALL TESTING
RESULTS TO LOCAL DEPARTMENTS
ENVIRONMENTAL PROTECTION**

COPY

NOV 23 1992

DEPARTMENT OF
ENVIRONMENTAL SERVICES

3358 *

RECEIVED

NOV 23 1992

DEPARTMENT OF
ENVIRONMENTAL SERVICES
Data Chart for Tank System Tightness Test

Weather Conditions - Clear

Temperature - 40°-45°
PLEASE PRINT

Test # 2

1. OWNER	☒ Property ☒ Tank (S) <u>Sim Bouchard 9 Highland St</u> Name <u>Sim Bouchard</u> Address <u>9 Highland St</u> Zip <u>03868</u> Representative Telephone Name <u>Barbara A. M.H.</u> Address <u>03868</u> Zip Representative Telephone													
2. OPERATOR	<u>Same as owner</u> Name Address Zip Telephone													
3. REASON FOR TEST (Explain Fully)	<u>Verify System Status</u>													
4. WHO REQUESTED TEST AND WHEN	<u>Maple St Co Owner</u> Name <u>Sim Bouchard</u> Title Address Zip Date Company or Affiliation Telephone													
5. TANK INVOLVED	Identify by Direction	Capacity	Brand/Supplier	Grade	Approx Age	Steel Fiberglass								
	<u>TANK # 5</u> <u>UP REG</u>	<u>5000</u>		<u>UL</u> <u>REG</u>	<u>U.K.</u>	<u>STEEL</u>								
6. INSTALLATION DATA	Location	Cover	Fills	Vents	Siphones	Pumps								
	<u>LAST TANK BACK FROM THE STREET North side driveway. Rear of station, etc.</u>	<u>V2 EXCAVATED</u> <u>EMER</u> Concrete, Black Top Earth, etc.	<u>4"</u> Size. Titehik make Drop Lubes, Remote Fills	<u>2"</u> Size. Manifolced		<u>500114</u> Suction. Remote. Make if known								
7. UNDERGROUND WATER	Depth to the water table from grade <u>Below Tank Bottom</u>					Is the water over the tank? ☐ Yes ☒ No								
8. FILL-UP ARRANGEMENTS	Tanks to be filled _____ hr _____ Date Arranged by _____ Name Telephone Extra product to "top off" and run tank tester How and who to provide? Consider NO Lead <u>TRANSFER 7000 GALS OF PRODUCT</u> Terminal or other contact for notice or inquiry _____ Company Name Telephone													
9. CONTRACTOR, MECHANICS, any other contractor involved	<u>N/A</u>													
10. OTHER INFORMATION OR REMARKS	<u>WATER TABLE VERIFIED BY PIT EXCAVATION & SIMULATED TEST</u> <u>MANIFOLD BACKWASH BETWEEN TANKS AND LINE CAPPED/WELDED AT</u> <u>TANK BULKHEAD 0.500</u> 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	☒ PETRO TITE <u>II</u>		☐ PETRO COMP		☐ 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"> <tr> <th>Tank Identification</th> <th>Tight</th> <th>Leakage Indicated</th> <th>Date Tested</th> </tr> <tr> <td><u>TANK # 5</u></td> <td><u>YES</u></td> <td><u>0.022 GPH</u></td> <td><u>10/16/92</u></td> </tr> </table>						Tank Identification	Tight	Leakage Indicated	Date Tested	<u>TANK # 5</u>	<u>YES</u>	<u>0.022 GPH</u>	<u>10/16/92</u>
Tank Identification	Tight	Leakage Indicated	Date Tested											
<u>TANK # 5</u>	<u>YES</u>	<u>0.022 GPH</u>	<u>10/16/92</u>											
12. SENSOR CERTIFICATION	1-3-92 Date <u>231</u> Serial No. of Thermal Sensor													
13. CONTRACTOR CERTIFICATION	Technicians <u>James B. Holman</u> Certification # <u>09877100979</u> TankPro Corporation Testing Contractor or Company, By: Signature P.O. Box 970 Scarborough Maine 04074 Address (207) 883-6265													

TANK OWNER RESPONSIBLE
FOR SUBMITTING ALL TESTING
RESULTS TO LOCAL DEPARTMENTS
ENVIRONMENTAL PROTECTION

COPY

338 42

14. Sim Bouchard
Name of Supplier, Owner or Dealer
9 Highland St East Rochester
Address No. and Street
City
State
Zip

15. TANK TO TEST
TANK # 5 LAST TANK FROM STREET
Identify by position
UP REG
Grade and Grade

15a. BRIEF DIAGRAM OF TANK FIELD
RT # 302
300114
500114

16. CAPACITY
Nominal Capacity 5000 Gallons
By most accurate capacity other available 5042 Gallons

17. FILL-UP FOR TEST
Stick Water Bottom before fill-up _____ to _____ in. _____ Gallons
Tank Diameter _____ in. Tank Diameter _____ in.

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK
See manual sections applicable. Check before and record procedure in log (27).
Use maximum allowable test pressure for all tests.
For product rate does not apply to non-hazardous tanks.
Complete section below:
Yes ☐ No ☒

19. TANK MEASUREMENTS FOR TST ASSEMBLY
Bottom of tank to grade _____ in. 10.3
Add 30" for "T" probe assembly _____ in. 1.33
Total tubing to assembly - approximate _____ in.

20. EXTENSION HOSE SETTING
Tank top to grade _____ in. 31"
Entered hose on suction tube 6" or more below tank top _____ in. 8"
If fill pipe extends above grade, use top of fill _____ in.

21. VAPOR RECOVERY SYSTEM ☒ Stage II
Type of Product: _____
Hydrometer Employed _____
Temperature in Tank After Circulation _____
Temperature of Sample _____
Difference (T-T₂) _____
Observed A.P.I. Gravity _____
Reciprocal 1439 Page 46
Total quantity in full tank (17) 5058
Reciprocal 1439 Page 46
Volume change in this tank per °F 3.510713
Transfer to Line 24a

22. Thermal Sensor reading after circulation PMS039 (Blue Box)
digits _____
Between _____
digits _____
°F _____

23. Digits per °F, regardless of suspected change
digits _____
Between _____
digits _____
°F _____

24a. IF USING THERMAL SENSOR (OTS-2000) OR QC-2000 WHICH READ 1000 DIGITS PER °F TRANSFER 1000 TO LINE 26.
DIGITS PER °F IN TEST RANGE.

24b. FOR TESTING WITH WATER see Table C & D
Water Temperature after Circulation _____
Table C from Thermal Sensor _____
Coefficient of Expansion for _____
Coefficient of Expansion for _____
Added Surfactant? ☐ Yes ☒ No Transfer COE to Line 29b

25. (a) 414 x (b) 414
Total quantity in full tank (17) _____
Coefficient of expansion for _____
Involved product _____
Volume change per °F (25 or 26) _____
Digits per °F in test range (23 or 24a) _____

26. (a) 3.510713 x (b) 1.000
Volume change per °F (25 or 26) _____
Digits per °F in test range (23 or 24a) _____
Total quantity in full tank (17) _____
Reciprocal 1439 Page 46
Volume change per °F (25 or 26) _____
Digits per °F in test range (23 or 24a) _____

Diagram of Tank System:
A
D
P
S
M
Water table to tank bottom
Depth of burial _____ in. 31
Tank dia _____ in. 72
Notes: Below
TANK BOTTOM
R. 53"

Date _____

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OCT 18 1992

DEPARTMENT OF
ENVIRONMENTAL SERVICES

Leak Computer® - Quick Look Report
(PAGE 1)

3358 11

Test Number: 92092350.A12

FOR: 3008 gallon DIESEL Tank
LOCATION: CITGO / HIGHLAND ST / E. ROCHESTER N.H.
DATE OF TEST: 09/23/92
LEAK COMPUTER S/N: 90020105

Test Level 12 Inches ABOVE Tank Top
Data from Channel A
Manifolding: None
COE: 0.000444 Spec. Gr.: 0.88 Tank Temp: 69.9
Leak Rate Average of 30 Cycles
Total Test Time: 1:33 hours

TEST RESULTS

Final Average Leak Rate: less than 0.05 gal/hr.
Rate of Temperature change: -0.0329 deg F/hr.
Rate of Volume change: 0.0069 gal/hr.
0.99 Error Band: +/- 0.01 gal/hr.
Tank and System: TIGHT @ 12 inches ABOVE Tank Top.

Test Technician:

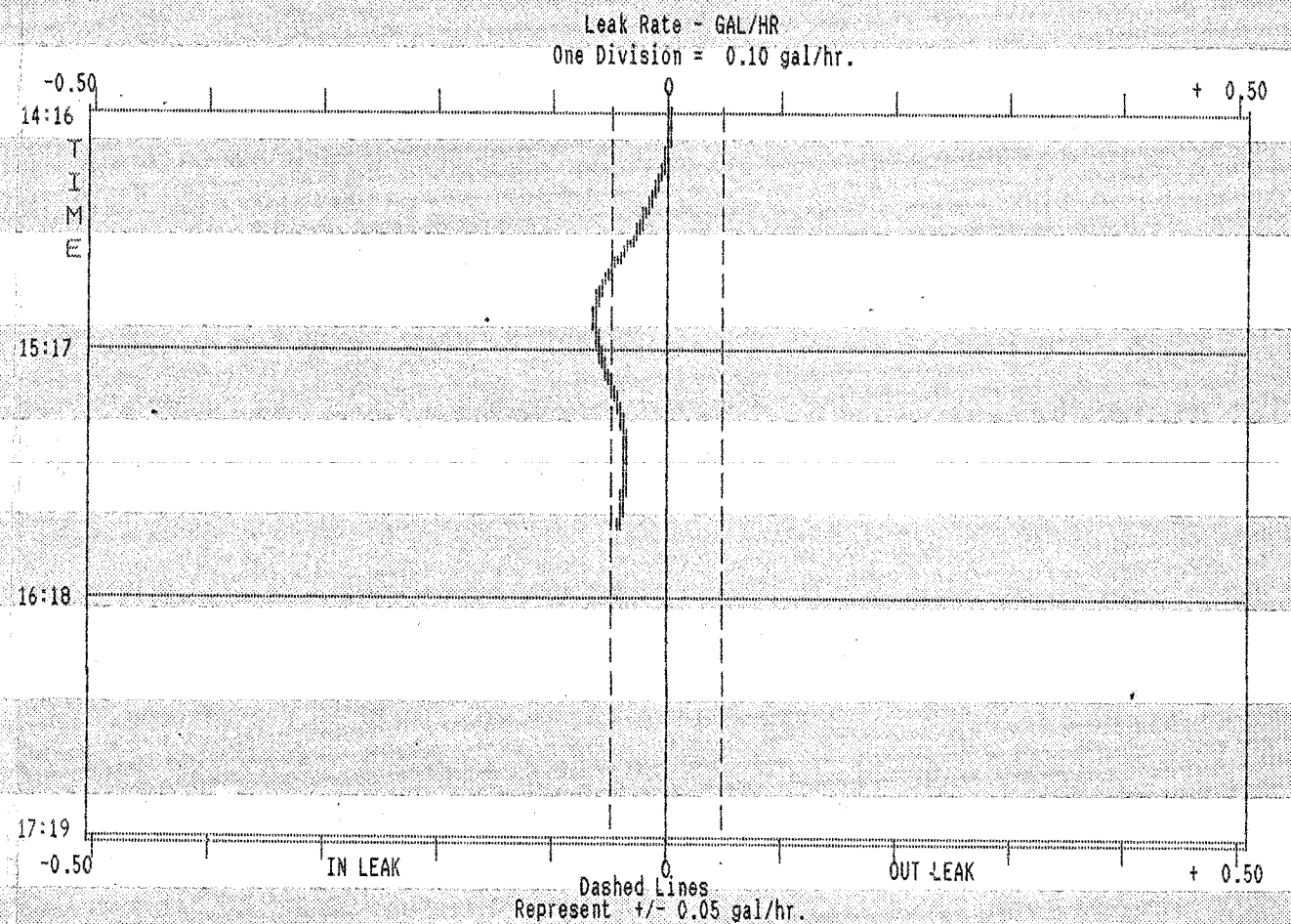
FANDY W. STEPHENSON HT055

9/23/92

PASS

Leak Computer® - Quick Look Report
(PAGE 2)

Test Number: 92092350.A12



Leak Computer® - Quick Look Report
(PAGE 1)

Leak Computer® - Quick Look Report
(PAGE 2)

335° 45 1/6

Test Number: 92092362.B25

Test Number: 92092362.B25

FOR: 3954 gallon SUPER U/L Tank
LOCATION: CITGO / HIGHLAND ST / E. ROCHESTER N.H.
DATE OF TEST: 09/23/92
LEAK COMPUTER S/N: 90020105

Test Level 25 Inches ABOVE Tank Top

Data from Channel B

Manifolding: 1-2

COE: 0.000642 Spec. Gr.: 0.00 Tank Temp: 64.8

Leak Rate Average of 30 Cycles

Total Test Time: 1:59 hours

TEST RESULTS

Final Average Leak Rate: ~~less than 0.05 gal/hr.~~

Rate of Temperature change: -0.0157 deg F/hr.

Rate of Volume change: 0.0000 gal/hr.

0.99 Error Band: +/- 0.00 gal/hr.

Tank and System: TIGHT @ 25 inches ABOVE Tank Top.

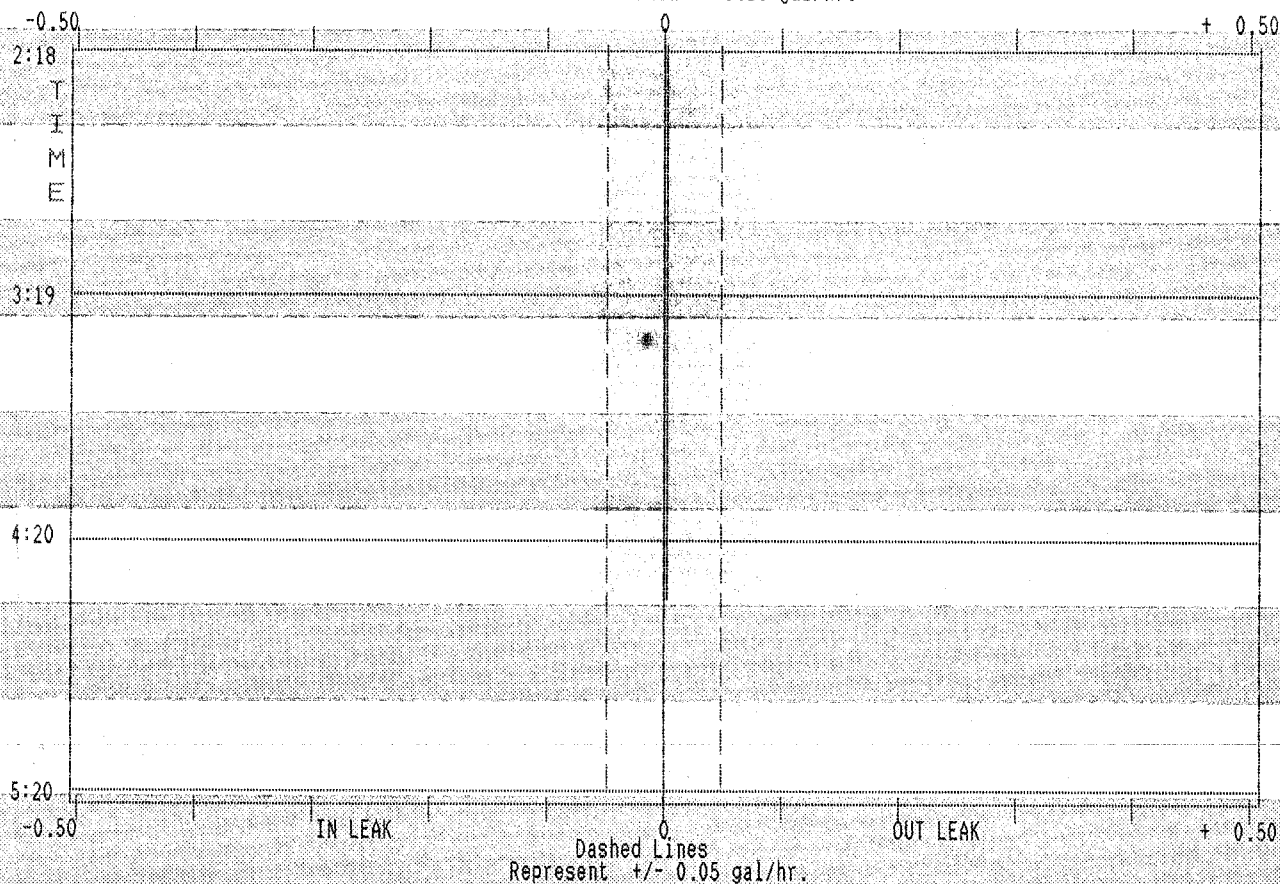
Test Technician:

RANDY W. STEPHENSON HT055

MANIFOLD
TANKS

PASS

Leak Rate - GAL/HR
One Division = 0.10 gal/hr.



Leak Computer® - Quick Look Report
(PAGE 1)

Leak Computer® - Quick Look Report
(PAGE 2)

3258 + 516

Test Number: 92092362.B25

Test Number: 92092362.B25

FOR: 3954 gallon SUPER U/L Tank
LOCATION: CITGO / HIGHLAND ST / E. ROCHESTER N.H.
DATE OF TEST: 09/23/92
LEAK COMPUTER S/N: 90020105

Test Level 25 Inches ABOVE Tank Top
Data from Channel B
Manifolding: 1-2
COE: 0.000642 Spec. Gr.: 0.00 Tank Temp: 64.8
Leak Rate Average of 30 Cycles
Total Test Time: 1:59 hours

TEST RESULTS

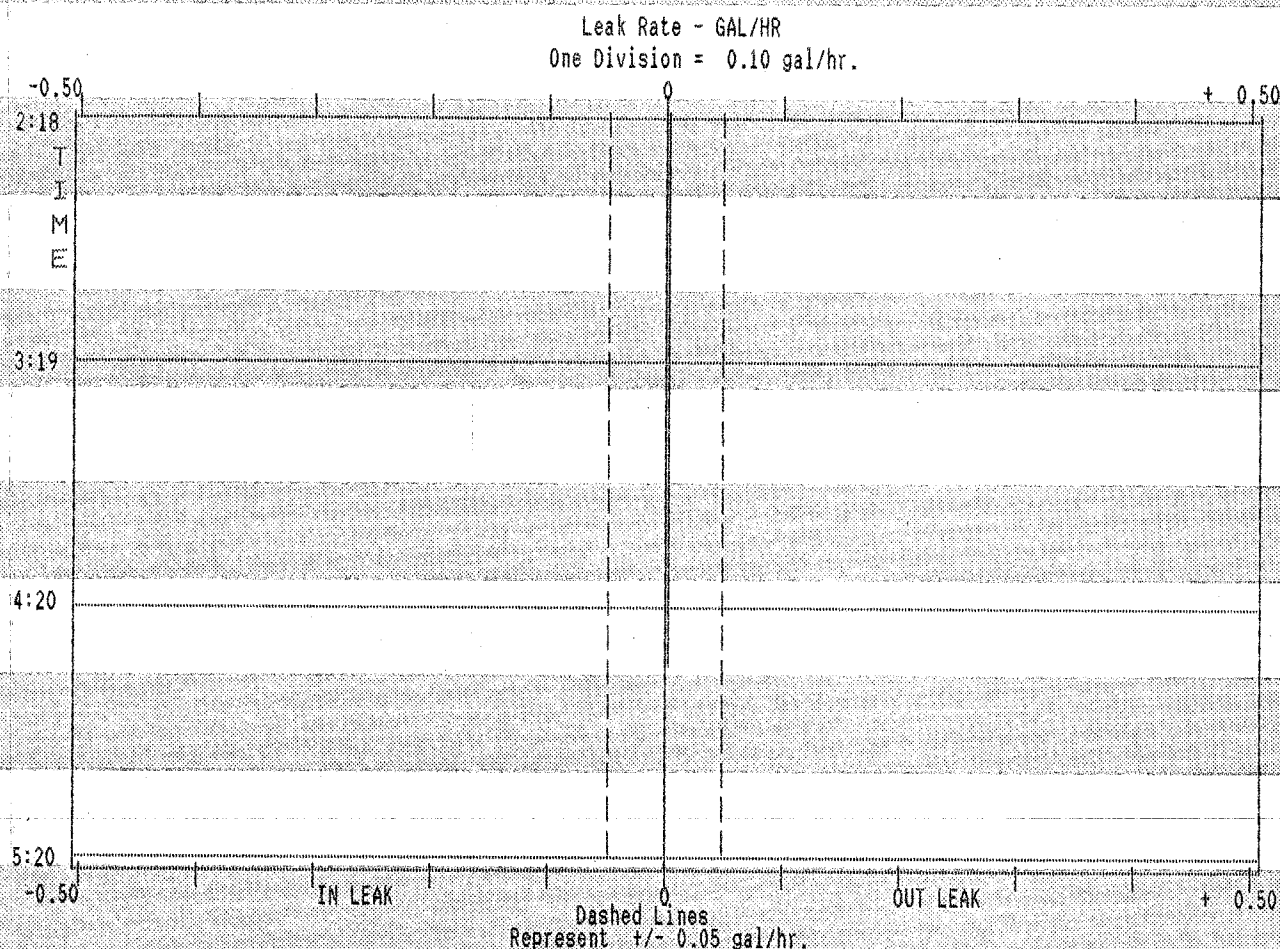
Final Average Leak Rate: less than 0.05 gal/hr.
Rate of Temperature change: -0.0157 deg F/hr.
Rate of Volume change: 0.0000 gal/hr.
0.99 Error Band: +/- 0.00 gal/hr.
Tank and System: TIGHT @ 25 inches ABOVE Tank Top.

Test Technician:

RAINDY W. STEPHENSON HT055

MANIFOLD
TANKS

PASS



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OCT 18 1992

DEPARTMENT OF
ENVIRONMENTAL SERVICES

October 14, 1992

State of New Hampshire
Department of Environmental Services
6 Hazen Drive
P O Box 95
Concord, NH 03302-0095

To Whom it may concern:

Enclosed please find tank tightness tests for the Highland Street Service Station 0113358 super and diesel tanks.

Work was scheduled to be completed on 10-15-92 on the unleaded system. The tanks will be tested as soon as this work is completed.

Sincerely,

Highland Street Service Station



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095

603-271-3503 FAX 603-271-2867

TDD Access: Relay NH 1-800-735-2964



August 7, 1992

HIGHLAND ST. SERVICE STATION
HIGHLAND ST.
E. ROCHESTER NH 03867

0113358
HIGHLAND ST. SERVICE STATION
HIGHLAND ST.
ROCHESTER

Dear Sir/Madam:

The records of the New Hampshire Department of Environmental Services (NHDES) indicate that you are the owner of an underground storage tank (UST) system which is not in compliance with tightness testing requirements.

Section Env-Ws 411.13 of the New Hampshire Code of Administrative Rules for the Control of Underground Storage Facilities requires that all USTs without secondary containment and leak monitoring which have not been tightness tested at least once since 1985, be tightness tested immediately.

Our records indicate that you are not in compliance with Env-Ws 411.13. Tightness testing on your USTs system(s) must be performed immediately. Submit tightness test results within 60 days to the address above. A list of Tank Testing firms with registered testers is enclosed.

If your underground storage tank system is in compliance with Env-Ws 411.13, please send documentation as to the results of the testing to the above address. Further, if required spill and overfill devices have not been installed on all regulated tanks at your facility, this must be done immediately. Please include a schedule for implementation of this along with tightness test schedule.

Failure to comply with regulations may result in fines and penalties as specified by RSA 146-C and 602.08.

If you should have any questions, please feel free to contact our office at the Water Supply and Pollution Control Division at (603) 271-3644.

Sincerely,

Mary E. Dominic

Mary E. Dominic
Groundwater Protection Bureau

MED/jeh:0030X

Enc: Information Sheet

Tank Testing Firms

cc: Paul M. Currier, P.E., GPB
Lynn A. Woodard, P.E., OSC/GPB
City/Town Offices

AIR RESOURCES DIV.
64 No. Main Street
Caller Box 2033
Concord, N.H. 03302-2033
Tel. 603-271-1370
Fax 603-271-1381

WASTE MANAGEMENT DIV.
6 Hazen Drive
Concord, N.H. 03301
Tel. 603-271-2900
Fax 603-271-2456

WATER RESOURCES DIV.
64 No. Main Street
P.O. Box 2008
Concord, N.H. 03302-2008
Tel. 603-271-3406
Fax 603-271-1381

WATER SUPPLY & POLLUTION CONTROL DIV.
P.O. Box 95
Concord, N.H. 03302-0095
Tel. 603-271-3503
Fax 603-271-2181

Leak Computer[®] - Quick Look Report

(PAGE 1)

Leak Computer[®] - Quick Look Report

(PAGE 2)

Test Number: 92092350.A12

Test Number: 92092350.A12

FOR: 3008 gallon DIESEL Tank
LOCATION: CITGO / HIGHLAND ST / E. ROCHESTER N.H.
DATE OF TEST: 09/23/92
LEAK COMPUTER S/N: 90020105

Test Level 12 Inches ABOVE Tank Top
Data from Channel A
Manifolding: None
COE: 0.000444 Spec. Gr.: 0.88 Tank Temp: 69.9
Leak Rate Average of 30 Cycles
Total Test Time: 1:33 hours

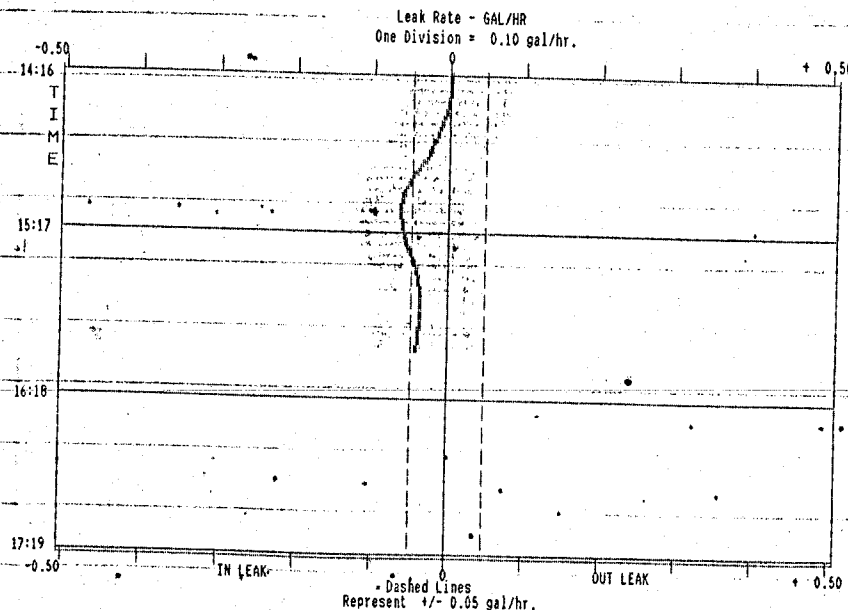
TEST RESULTS

Final Average Leak Rate: less than 0.05 gal/hr.
Rate of Temperature change: -0.0329 deg F/hr.
Rate of Volume change: 0.0069 gal/hr.
0.99 Error Band: +/- 0.01 gal/hr.
Tank and System: TIGHT @ 12 inches ABOVE Tank Top

PASS

Test Technician:

RANDY W STEPHENSON HT055



Data Chart for Tank System Tightness Test

Test # 2

Weather Conditions - Clear

Temperature - 40°-45°

PLEASE PRINT

1. OWNER	Name <u>Sim Boudreau</u> Address <u>9 Highland St</u> Zip <u>02968</u> Name <u>Earl Robinson</u> Address <u>M.H.</u> Zip <u>02968</u> Representative Telephone Representative Telephone				
2. OPERATOR	Name <u>James AS Harkins</u> Address _____ Zip _____ Telephone _____				
3. REASON FOR TEST (Explain Fully)	<u>VALLEY SYSTEM STATUS</u>				
4. WHO REQUESTED TEST AND WHEN	Name <u>Sim Boudreau</u> Title <u>OWNER</u> Company or Affiliation _____ Date _____ Address _____ Zip _____ Telephone _____				
5. TANK INVOLVED	Identify by Direction	Capacity	Brand Supplier	Grade	Approx. Age
	<u>TANK # 5</u>	<u>5000</u>	<u>UP Rtg</u>	<u>UL</u>	<u>UL</u>
6. INSTALLATION DATA	Location	Cover	Fills	Vents	Siphons
	<u>LAST TANK BACK FROM TANK STATION</u>	<u>EXHAUSTED</u>	<u>4"</u>	<u>2"</u>	<u>500T104</u>
7. UNDERGROUND WATER	Depth to the water table from grade <u>Below TANK BOTTOM</u> Is the water over the tank? ☐ Yes ☒ No				
8. FILL-UP ARRANGEMENTS	Tanks to be filled _____ hr _____ Date _____ Arranged by _____ Extra product to "top off" and run tank tester: How and who to provide? Consider NO Lead <u>TRANSFERRED - 1000 GALS OF PRODUCT</u> Terminal or other contact for notice or inquiry _____ Company _____ Name _____ Telephone _____				
9. CONTRACTOR, MECHANICS, any other contractor involved	<u>N/A</u>				
10. OTHER INFORMATION OR REMARKS	<u>WATER TANKS VERIFIED BY PIT EXCAVATION - SIMULATED TEST</u> <u>MANIFOLD BAKED BETWEEN TANKS AND LINE CAPS WHICH WERE TANK BEING USED</u> 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	☒ PETRO TITE <u>II</u> ☐ PETRO COMP ☐ 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: Tank Identification <u>TANK # 5</u> Tight <u>YES</u> Leakage Indicated <u>0.002 GPH</u> Date Tested <u>10/10/92</u>				
12. SENSOR CERTIFICATION	Date <u>1-3-92</u> Serial No. of Thermal Sensor <u>231</u>				
13. CONTRACTOR CERTIFICATION	Technicians <u>James W. Harkins</u> Certification # <u>099791A0849</u> TankPro Corporation Testing Contractor or Company By: Signature <u>P.O. Box 970 Scarborough Maine 04074</u> Address (207) 883-6265				

14. Sim Boudreau
Name of Supplier, Owner or Client

15. 9 Highland St East Scarborough
Address (No. and Street)

16. 02968
City

17. FILL-UP FOR TEST

18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK

19. TANK MEASUREMENTS FOR TSTT ASSEMBLY

20. EXTENSION HOSE SETTING

21. VAPOR RECOVERY SYSTEM

22. THERMAL SENSOR

23. DIGITS PER °F

24. FOR TESTING WITH WATER

25. TOTAL QUANTITY IN TANK

26. VOLUME CHANGE PER °F

27. TANK BOTTOM

28. TANK BOTTOM

29. TANK BOTTOM

30. TANK BOTTOM

31. TANK BOTTOM

32. TANK BOTTOM

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NOTES

P-T Tank Test Data Chart
Additional Info

Date: 10/26/92

Date _____

Data Chart for Tank System Tightness Test

Test # 3

Weather Conditions - Clear Sunny

Temperature - 40°

1. OWNER		2. OPERATOR		3. REASON FOR TEST		4. WHO REQUESTED TEST AND WHEN		5. TANK INVOLVED		6. INSTALLATION DATA		7. UNDERGROUND WATER		8. FILL-UP ARRANGEMENTS		9. CONTRACTOR INFORMATION		10. OTHER INFORMATION OR REMARKS		11. TEST METHOD		11a. TEST RESULTS		12. SENSOR CERTIFICATION		13. CONTRACTOR CERTIFICATION					
Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sam</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>		Name: <u>Sim Baughman</u> Address: <u>9 Highland St</u> City: <u>East Rochester, NH</u> State: <u>NH</u> Zip: <u>03588</u>	

COPY

TANK OWNER RESPONSIBLE FOR SUBMITTING ALL TESTING RESULTS TO LOCAL DEPARTMENTS ENVIRONMENTAL PROTECTION

14. <u>Sim Baughman</u> 9 Highland St East Rochester, NH 03588		15. TANK TO TEST		16. CAPACITY		17. FILL-UP FOR TEST		18. SPECIAL CONDITIONS AND PROCEDURES TO TEST THIS TANK		19. TANK MEASUREMENTS FOR TEST ASSEMBLY		20. EXTENSION HOSE SETTING		21. VAPOR RECOVERY SYSTEM		22. USE WITH THERMAL SENSOR		23. THERMAL SENSOR READING AFTER CALIBRATION		24a. IF USING THERMAL SENSORS (2000) OR QC-2000 WHICH READ 1000 DIGITS PER °F TRANSFER 1000 TO LINE 26. DIGITS PER °F IN TEST RANGE.		24b. FOR TESTING WITH WATER		25. TANK DATA		26. TANK DATA					
Name of Supplier, Owner or Dealer: <u>Sim Baughman</u>		Name of Tank: <u>Tank #4</u>		Nominal Capacity: <u>5000</u> Gallons		Back Water Bottom before Fill-up: <u>0</u> ft. Tank Diameter: <u>72"</u>		See manual sections applicable. Check below and record procedure in log 27. Use maximum allowable test pressure for all tests. Four pound rule does not apply to double-walled tanks. Complete section below:		Bottom of tank to grade: <u>103</u> in. Add 30" for "T" probe max. <u>133</u> in. Total tubing to assemble - approximately <u>133</u> in.		Tank top to grade: <u>31</u> in. Examined hose on section tube 6" or more below tank top: <u>8</u> in.		Type of Product: <u>ULC</u> Reciprocal: <u>0.026</u> Hydrometer Employed: <u>7</u> Temperature in Tank after Circulation: <u>54.00</u> Temperature of Sample: <u>53</u> Difference (T-T): <u>+1</u> Observed A.P.I. Gravity: <u>6.23</u> Reciprocal: <u>1438</u> Page: <u>66</u>		Type of Product: <u>ULC</u> Reciprocal: <u>0.026</u> Hydrometer Employed: <u>7</u> Temperature in Tank after Circulation: <u>54.00</u> Temperature of Sample: <u>53</u> Difference (T-T): <u>+1</u> Observed A.P.I. Gravity: <u>6.23</u> Reciprocal: <u>1438</u> Page: <u>66</u>		Drops per °F in range of expected change: <u>N/A</u>		Drops per °F in test range (25 or 240): <u>1000</u>		Water Temperature after Circulation Table C from Thermal Sensor: <u>N/A</u> Coefficient of Water: <u>N/A</u> Added Sulfonate? ☐ Yes ☐ No Transfer COE to Line 20b		Total quantity in test tank (17): <u>5052</u> Volume change in test tank per °F: <u>3.5132127</u> Transfer to Line 24b		Total quantity in test tank (17): <u>5052</u> Volume change in test tank per °F: <u>3.5132127</u> Transfer to Line 24b		Total quantity in test tank (17): <u>5052</u> Volume change in test tank per °F: <u>3.5132127</u> Transfer to Line 24b		Total quantity in test tank (17): <u>5052</u> Volume change in test tank per °F: <u>3.5132127</u> Transfer to Line 24b	

PL 4"

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 M.F.P.A. 30. Sections 2-3.2.4 and 2-7.2 and the tank manufacturer regarding allowable system test pressures.

