11000 N. MoPac Expressway, Suite 500
Austin, Texas 78759
Phone: (512) 451-6334
Fax: (512) 459-1459

Date Printed and Mailed: 1/19/2025

UNDERGROUND STORAGE TANK SECTION
WASHINGTON DEPT. OF ECOLOGY
P.O. BOX 47655
OLYMPIA, WA 98504

Test Date: 11/6/2024
Order Number: 2377334

Dear Regulator,

Enclosed are the results of recent testing performed at the following facility:

Richland Yacht Club
350 Columbia Point Drive
Richland, WA 99352

Testing performed:

LEAK DETECTOR
Line Tightness Test
Tank Tightness Test

Sincerely,

Dawn Kohlmeyer

Dawn Kohlmeyer
Manager, Field Reporting

DEPARTMENT OF ECOLOGY
State of Washington

LEAK TESTING CHECKLIST
FOR UNDERGROUND STORAGE TANKS (USTs)

UST ID #: 100434
County: BENTON

This checklist certifies testing activities conducted in accordance with Chapter 173-360A WAC. Read instructions on pages 4-7.

☑ **PASS** – All Section VI services performed have passing results. ☐ **FAIL** – One or more components tested in Section VI require repair and re-testing.	**DATE TESTS CONDUCTED:** 11/06/2024

I. UST FACILITY	**II. CERTIFIED SERVICE PROVIDER**
Facility Compliance Tag #: A 0981	Service Provider Name: Keith Lawty
UST ID #: 100434	Company Name: TANKNOLOGY, INC.
Site Name: Richland Yacht Club	Address: 11000 N. MOPAC EXPRESSWAY #500
Site Address: 350 Columbia Point Drive	City: AUSTIN State: TX Zip: 78759
City: Richland	Phone: (800)800-4633 Email: testreporting@tanknology.com
County: BENTON	ICC Certification Type: ICC UST Tank Tightness Testing
Site Phone: 509-554-2775	ICC Cert. #: 8938589 - U3 Exp. Date: 10/14/2026

III. UST OWNER/OPERATOR

Name: Andy Cockrell Phone: 509-554-2775 Email: abc2k@me.com

IV. UST SYSTEM INFORMATION
Observations on test day.

1. Tank ID #, as registered with Ecology or identified on ATG	1			
2. Tank Status. OP (Operational); TC (Temporary Closure)	OP			
3. Product stored, including % of alternative fuels	NE/91			
4. Tank or compartment capacity (gallons)	2K			
5. Product pumping/flow method. Note as: P (Pressurized); NS (Non-safe Suction); SS (Safe Suction); Si (Siphon); GR (Gravity Fed)	P			
Abbreviations for lines 5 and 6 below: Steel (ST); Fiberglass (FRP); Clad Steel (CLAD); Flexible (FLEX); Double Wall (DW); Single Wall (SW); Not Visible (NV)				
6. Tank material and construction observed	CLAD DW			
7. Pipe material and construction observed	FRP SW			

V. REASON FOR SERVICES PERFORMED
(Check all that apply)

☐ Annual testing	☑ Test after install/repair	☐ Other (explain):
☐ 3-year testing	☐ Return UST system to operation	

VI. SERVICES PERFORMED

Required: Include verification for each test performed.

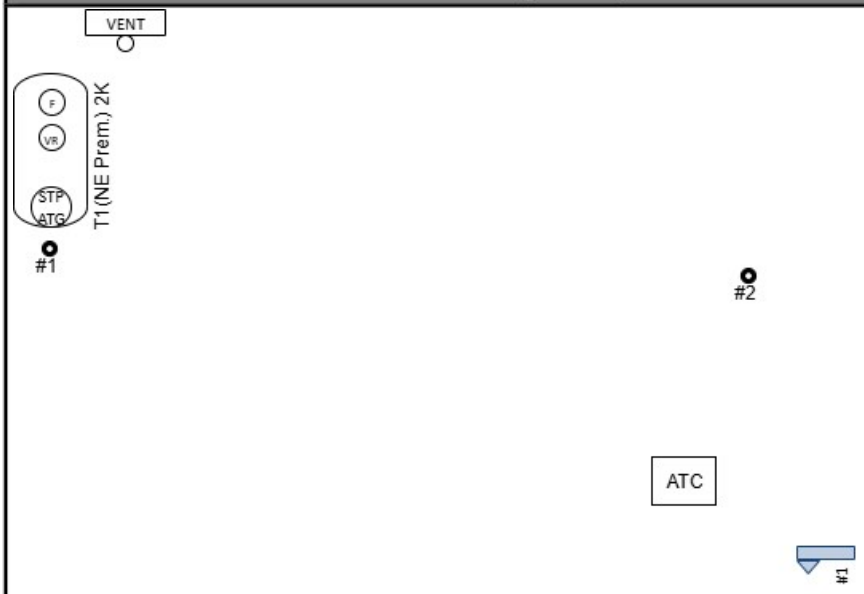
SERVICES:	# PASS	# FAIL	# REPAIRED & PASSING	DESCRIPTIONS REQUIRED: (SEE INSTRUCTIONS P. 4-7)
ALLD Test **(attach data)** Test method used: LDT-890 Test method cert. exp. date:	1			See notes in ALLD testing section.
Line Tightness Test **(attach data)** Test method used: Acurite Test method cert. exp. date:	1			See notes in Line Tightness testing section.
Electronic Monitoring System Tests Controller manufacturer/model Controller cert. exp. date				
Monitor/controller				
Probe				
Sump Sensor Functionality				
Tank Annular Sensor Functionality				
Overfill Equipment Test — ☐ Auto shutoff				
☐ Ball float valve				
☐ Overfill alarm				
Fill/Spill Bucket Test (**attach data**)				
Tank-Top or Transition Sump Test (**attach data**)				
UDC Sump Test (**attach data**)				
Tank Tightness Test **(attach data)** 3rd-party certified test: Test method used: EZY3 Test method cert. exp. date:	1			See notes in EZY3 Tank Tightness testing section.
Other				

VII. EXPLANATIONS/PROBLEMS ENCOUNTERED:

Provide additional test information. Explain irregularities. Describe problems encountered and how addressed.

VIII. UST Site and System Diagram

Diagram required. Include North arrow.



Persons submitting false information are subject to formal enforcement and/or penalties under Chapter 173-360A WAC.

IX. Final Check

Mark the following:	YES	NO	N/A
1. All checked services tested per recommended practices, code and/or manufacturer's requirements, and in accordance with state regulations.	☑	☐	☐
2. Owner/operator provided with copy of the checklist and testing results.	☑	☐	☐
3. Any faulty equipment or necessary repairs explained to owner/operator or site contact.	☐	☐	☑

X. Required Signatures

11/06/2024		Keith Lawty
Date	Signature of Certified Service Provider	Print or Type Name
11/06/2024	Andrew Cockrell (Jan 22, 2025 21:13 PST)	Andrew Cockrell
Date	Signature of Tank Owner or Authorized Representative	Print or Type Name

Tanknology
Your Compliance Expert.

EZY 3 Locator Plus

Data Sheet

Date	11/06/2024	State ID # Owner	100434	Facility	RICHLAND YACHT
Total Tank Vol.	2005	**Tank #**	T1(NE Prem.)		
Product Vol.	1552	**Location**	350 Columbia Point Drive		
Ullage Vol.	453	Richland	WA		
Product Type	NE 91	99352			

Pressure Sensor Calculation

46.25 Inches of Product	X	0.0260 Weight of Product	=	1.2025	PSI (1)
0 Water in Tank	X	0.036	=	0	PSI (2)
Line 1 + Line 2 = Total Positive Head Pressure in Tar			=	1.2025	PSI (3)
-1 Water Outside Tank	X	0.0360	=	-0.0360	PSI (4)
Total Head Pressure Minus Outside Water Pressure			=	1.2385	+/-PSI (5)
Always Add 0.5 psi			=	1.7385	PSI (6)
Note: If Line 6 is less than .5 PSI Line 7 shall be .5 P					
Test Pressure			=	1.7385	**+/-PSI (7)**

Acoustic Test Time

	Time	Pressure
Blower Started:	9:35	0
Test Pressure Reached:	9:41	1.7385
Blower Turned Off:	9:47	1.770
Test Began:	9:47	1.770
Test Ended:	10:06	1.7550

Depth of Groundwater Determined:

By: Dry annular space

Where: DWCLD Tank

Water Sensor Calibration

Added: Cal #1 Cal #2 Cal #3

Average:

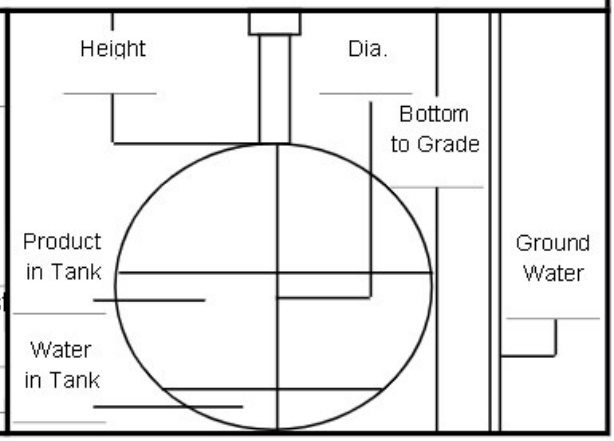
Calculation for Test Period

/ 3780 = / .05 X 60 = Time of Test

Water Intrusion Test Period

Began:

Ended:



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Your Compliance Expert.

EZY 3 Locator Plus

Final Report

Date	11/06/2024	State ID # Owner	100434	Facility	RICHLAND YACHT
Total Tank Vol.	2005	Tank #	T1(NE Prem.)		
Product Vol.	1552	Location	350 Columbia Point Drive		
Ullage Vol.	453	Richland	WA		
Product Type	NE 91	99352			

THE ACOUSTIC CHARACTERISTIC OF A LEAK REVEALS

☑ **Tight Tank**
This underground storage tank **PASSES** the criteria set forth by the U.S. EPA.

☐ **Tight Line**
This underground product line **PASSES** the criteria set forth by the U.S. EPA.

☐ **Tight Tank & Line**
This underground storage tank & line **PASSES** the criteria set forth by the U.S. EPA.

☐ **Ullage (Dry) Portion Leak**
This underground storage tank or line **FAILS** the criteria set forth by the U.S. EPA.

☐ **Below Product Level (Wet) Portion Leak**
This underground storage tank **FAILS** the criteria set forth by the U.S. EPA.

☐ **Inconclusive - Addtitional Testing Required**

WATER SENSOR INDICATES:
(CHECK ONLY ONE)

☐ No Water Intrusion ☐ Water Intrusion ☑ Not Applicable

Operator Information:

Print Name	Keith Lawty	Certification #	277121
Sign Name		Expiration Date:	07/23/2026
Testing Firm	Tanknology, Inc.	Telephone #	800-964-1250
Address	11000 N. Mopac Expy #500		
	Austin, Texas 78759		

EQUIPMENT SERIAL NUMBERS & CALIBRATION EXPIRATION DATES:

	Serial Number	Calibration Expiration Date
Water Sensor Display		
Water Sensor Probe		
Acoustic Signal Processor	E1648008	02/2025
In-Tank Microphone	M2402021	02/2025
Pressure Sensor	40968617	02/2025

Tanknology
Your Compliance Expert.

VOLUMETRIC LINE TEST

All testing and servicing is conducted per the manufacturer's instructions and/or specifications.

SITE: State ID # Owner 100434 Facility Richland Yacht Club

RICHLAND YACHT
350 Columbia Point Drive
Richland WA
99352

DATE: 11/06/2024

CONTACT: Andy Cockrell

PHONE: 509-554-2775

JOB #: NW1-2377334

Test Number	1			
Sump Pump #	T1(NE Prem.)			
Product				
Manufacturer	FE Petro			
Isolation (pump)	Check valve			
Isolation (disp.)	Solenoid			
Test Pressure	50			
Initial Cyl. Level	0.0950			
Final Cyl. Level	0.0950			
Begin Time	10:52			
End Time	11:22			
Change in Time	30 min.			
Change in Volume	0			
Leak Rate	0			
Pass/Fail	Pass			
Line Test Method	Acurite			

Technician Keith Lawty **Signature**

Certification # 5330.LTN **Exp Date** 09/16/2026

Comments: Line Tightness testing performed as part of Post Construction testing.

Line test performed at functional element of turbine.
Testing performed at 50psi for a period of 30 minutes with no measurable loss.

Tanknology

LDT 5000 Field Test Apparatus
Line Leak Detector Test

Work Order: 2377334 Date: 11/6/2024
Site Name / ID: Richland Yacht Club / RICHLAND YACHT
Address: 350 Columbia Point Drive
City: Richland State: WA Zip: 99352

Tank ID	T1: PREMIUM NON ETHANOL					
Product	E0-91					
Product Line	1					
Tested From	1					
Existing/New	Existing					
Mechanical/Electronic	Mechanical					
Manufacturer/Model	Vaporless LD-2000					
Serial No.	03242131					
Pump Operating Pressure (psi)	33.00					
Calibrated Leak (ml/min)	190.0					
Calibrated Leak (gph)	3.00					
Holding PSI *N/A for Electronic LD's	32.00					
Resiliency (ml) *N/A for Electronic LD's	1975.00					
Metering PSI *N/A for Electronic LD's	18					
Opening Time (sec) *N/A for Electronic LD's	3					
Test Results	Pass					

Technician Comments: Automatic Line Leak Detector testing performed as per RP1200 standards. ALLD testing performed as part of Post Construction testing. Mechanical LLD testing performed from site's sole dispenser.

Technician Name: Keith Lawty **Certification #:** 8938589

Technician Signature: **Expire Date:** 10/14/2026

Environmental Compliance for Petroleum Systems

Site Diagram

(This site diagram is for reference only and is not drawn to scale)

Work Order:	2377334		
Site ID / Name:	RICHLAND YACHT / Richland Yacht Club		
Address:	350 Columbia Point Drive		
City:	Richland	State: WA	Zip: 99352

RICHLAND YACHT RICHLAND YACHT UST 100434 NW1-2377334 20241106

Final Audit Report 2025-01-23

Created:	2025-01-20
By:	Trista Welch (twelch@nwtank.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAC2Y1Kh-sB6owLw16j1VyuKxOA6EWdRIw

"RICHLAND YACHT RICHLAND YACHT UST 100434 NW1-2377334 20241106" History

Document created by Trista Welch (twelch@nwtank.com)
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Document emailed to abc2k@me.com for signature
2025-01-20 - 8:46:51 PM GMT

Email viewed by abc2k@me.com
2025-01-23 - 5:12:21 AM GMT

Signer abc2k@me.com entered name at signing as Andrew Cockrell
2025-01-23 - 5:13:50 AM GMT

Document e-signed by Andrew Cockrell (abc2k@me.com)
Signature Date: 2025-01-23 - 5:13:52 AM GMT - Time Source: server

Agreement completed.
2025-01-23 - 5:13:52 AM GMT