Annual Leak Monitoring & Overfill Protection Test Form
For Underground or Aboveground Storage Tank Systems

N. H. Code of Administrative Rules Env-Or 406.18 and Env-Or 406.20 (for UST Facilities) and
N. H. Code of Administrative Rules Env-Or 306.12, (for AST Facilities)

The New Hampshire Department of Environmental Services (NHDES) has developed this form to help you document the required annual testing of leak monitoring and or overfill protection equipment at this UST or AST facility.

Inspection Date: **August 26, 2014** **DES Facility/Site Number:** **0111761 / 199302018**
Site Name: **Golden Opportunities**
Address: **148 Main St.**
City, State: **Wilton, NH 03086**

A. Annual Leak Monitoring and/or Overfill Protection Test Results

Complete the following checklist using **Y=yes, N=No, N/A-Not Applicable.**

	Leak Monitoring System Manufacturer and Model Number:				
	Tank #'s:	**6A***	**6B**	**7***	**8***
1.	Leak monitor console assignments are correctly programmed and labeled for all sensors.	**Y**	**Y**	**Y**	**Y**
2.	Tank secondary containment sensor is positioned per manufacturer's recommendation.	**Y**	**Y**	**Y**	**Y**
3.	Piping secondary containment (piping, intermediate, and or dispenser sump) sensors are positioned per manufacturer's recommendation.	**Y**	**Y**	**Y**	**Y**
4.	Brine level of the tank interstitial space is within the manufacturer's operating range.	**N/A**	**N/A**	**N/A**	**N/A**
5.	The secondary containment and the piping sumps are free of liquid.	**Y**	**Y**	**Y**	**Y**
6.	All sensors were visually inspected, manually tested and confirmed operational.	**Y**	**Y**	**Y**	**Y**
7.	The leak monitor console audible alarm is operational.	**Y**	**Y**	**Y**	**Y**
8.	The leak monitor console visual alarm is operational.	**Y**	**Y**	**Y**	**Y**
9.	The communication equipment (e.g. modem) is operational for leak monitoring systems and will relay alarms to a remote station.	**N/A**	**N/A**	**N/A**	**N/A**
10.	Overfill alarm sensors and shutoff devices were manually activated and verified to be at the proper operational setting. (Required for ASTs)	**Y**	**Y**	**Y**	**Y**
11.	**In summary, the leak monitor system is confirmed to be in proper operation per manufactures' requirements, all sensors are reset and alarms have been cleared.**	***YES***			

If your answer is no then describe in comments below how and when this item will be corrected.

Comments: *These three tanks are temporarily out of service. After verification these tanks were disconnected from the Tank Monitor System.

B. Verification: I hereby verify that the equipment identified in this document was tested for proper operation in accordance with the manufacturer's requirements.

Test Technician: James M. Spiller **Signature:**

51 Silkwood Ave. D2
Belmont, NH 03220
Phone: (603) 527-8202
Fax: (603) 737-0288
E-Mail: jim@ttsne.com

Spill Containment Testing

TANK TESTING SERVICES OF NEW ENGLAND

51 Silkwood Ave. D-2
Belmont, NH 03220
Phone: (603) 527-8202
Fax: (603) 737-0288
Email: jim@ttsne.com

Test Date

26-Aug-14

Site Name & Address

Golden Opportunities
148 Main St.
Wilton, NH 03086

Facility# / Site#

0111761 / 199302018

Test Data

Tank#	6A		Product		Empty
Start Time	Reading in Inches	End Time	Reading in Inches	Change	Pass / Fail
1:00 PM	12"	4:00 PM	12"	0.00	PASS

Tank#	7		Product		Empty
Start Time	Reading in Inches	End Time	Reading in Inches	Change	Pass / Fail
12:45 PM	10"	12:50 PM	0.0"	-10.0"	FAIL

Tank#	8		Product		Empty
Start Time	Reading in Inches	End Time	Reading in Inches	Change	Pass / Fail
12:35 PM	10"	12:40 PM	0.0"	-10.0"	FAIL

Both failed spill bucket fill risers were capped with 4" pipe cap per Matt Jones NH DES.

TEST DATA RECORD
EZY 3 LOCATOR PLUS TANK TESTING SYSTEM
Manufactured by Estabrook's Inc.

TEST LOCATION INFORMATION

Site Name & Address				
Golden Opportunities 148 Main St. Wilton, NH 03086	Test Date:	26-Aug-14	Total Tank Size:	10,000
	Facility#:	0111761	Product Volume:	819
	Site ID#:	199302018	Ullage Volume:	9,181
	Tank #:	6B	Product Type:	#2HO

PRESSURE SENSOR CALCULATIONS

Inches of Product		Weight of Product			
45	X	0.031	=	1.40	PSI (1)
Inches of H2O in Tank		**Weight of Water**			
0	X	**0.036**	=	0.00	PSI (2)
			Total Head Pressure (Add PSI 1 + PSI 2) =	1.40	PSI (3)
Inches of Water Outside Tank		**Weight of Water**			
0	X	**0.036**	=	0	PSI (4)
			Total Head Pressure Minus Outside Water (Subtract PSI 4 from PSI 3) =	1.40	PSI (5)
			Add 0.5 PSI =	1.90	PSI (6)
Note: If PSI 6 is less than .5 PSI, PSI 7 shall be .5 PSI					
			FINAL TEST PRESSURE =	*1.90*	PSI (7)

TEST DATA

	Time	Pressure
Blower Started:	16:20	0.00
Test Pressure Reached:	16:33	1.90
Blower Turned Off:	16:35	1.95
Test Began:	16:38	1.95
Test Ended:	16:43	1.95

PASS

Depth Of Groundwater Determined

Dry Interstitial

WATER SENSOR CALIBRATION

(NOT APPLICABLE TO THIS TEST SITE)

Signature:

James M. Spiller

Certification #: 489629; Expires June 30, 2015

TANK TESTING SERVICES OF NEW ENGLAND

FINAL TEST REPORT

EZY 3 LOCATOR PLUS TANK TESTING SYSTEM

Manufactured by Estabrook's Inc.

TANK TESTING SERVICES OF NEW ENGLAND

51 Silkwood Ave. D-2
Belmont, NH 03220
Phone: (603) 527-8202
Fax: (603) 737-0288
Email: jim@ttsne.com

Tester's Name: James M. Spiller
Tester's Certification #: 489629; Expires June 30, 2015

System Equipment Calibrations:		
Description	***Serial #***	***Due Date***
In-Tank Microphone:	M1147024	31-Jul-15
Acoustic Signal Processor	E35005	31-Jul-15
Pressure Sensor:	402702210	31-Jul-15
Negative Pressure Gauge:	NG1565892	31-Jul-15
Water Sensor Display:	D1224910	31-Jul-15
Water Sensor Probe:	UP085601	31-Jul-15

TEST LOCATION

Golden Opportunities
148 Main St.
Wilton, NH 03086

Facility#:	0111761
Site ID#:	199302018
Tank #:	6B

TEST RESULTS

THE ACOUSTIC SENSOR SYSTEM INDICATES:

This underground storage tank as well as the associated product and vent piping MEET the criteria set forth by the US EPA as well as all applicable State regulations.

WATER SENSOR SYSTEM INDICATES:

Not applicable to this test site.

Tester's Signature: James M Spiller **Test Date:** **August 26, 2014**