

State of Vermont

SUMMARY INFORMATION ON UNDERGROUND STORAGE TANKS (USTs) For Fiscal Year Ending September 30, 2017

Posted 12/29/2017

Tank, facility, and on-site inspection information is based on all permitted (Category One) tanks including those that were permitted but are now out of service.

On-site inspections measure compliance with the Vermont Underground Storage Tank Rules. These rules are more stringent than Federal requirements in the following areas: VT requires weekly rather than monthly monitoring of release detection systems; VT regulates USTs that power backup generators or contain heating oil for non-heating purposes, and; if cathodic protection (CP) system repairs have been made, VT require 1-year rather than 3-year CP testing.

Federally Required State Inspections					
Federal Fiscal Year	2013	2014	2015	2016	2017
Total Number of UST Facilities	968	949	939	927	894
Total Number of USTs	2064	2016	1945	1879	1810
Number of UST Facilities Inspected	357	350	332	365	365
Inspection Period Dates	10/1/2012 through 9/30/2013	10/1/2013 through 9/30/2014	10/1/2014 through 9/30/2015	10/1/2015 through 9/30/2016	10/1/2016 through 9/30/2017
Percent Compliance	81%	82%	75%	81%	83%
Release reporting dates	10/1/2012 through 9/30/2013	10/1/2013 through 9/30/2014	10/1/2014 through 9/30/2015	10/1/2015 through 9/30/2016	10/1/2016 through 9/30/2017
Number of Confirmed UST Releases	5	7	10	6	5

Summary Information for Release Sources and Causes:

Source: Tank	1 release (8.3%) - due to corrosion	1 release (20%) - due to corrosion	1 release (14.3%) - due to corrosion	2 release (33.3%) - due to corrosion	2 release (40%) - due to corrosion
Source: Piping	4 releases (33.3%) -due to piping failure	1 release (20%) -due to piping failure	2 releases (28.6%) -due to piping failure	none	1 release (20%) -due to piping failure
Source: Dispenser	3 releases (25%) -due to physical or mechanical failure	1 release (20%) -due to physical or mechanical failure	2 releases (28.6%) -due to physical or mechanical failure	1 release (16.7%) -due to physical or mechanical failure	none
Source: Submersible Turbine Pump (STP)	none	none	none	none	none
Source: Delivery/Faulty Containment Devices	3 releases known (25%) -all due to overfill	1 release known (20%) -all due to overfill	1 release known (14.3%) -all due to overfill	3 releases known (50.0%) -1 delivery, 2 spill bucket failure	2 releases known (40%) 2 spill bucket failure
Source: Other	1 release (8.3%) -unknown	1 release (20%) -unknown	1 release (14.3%) -unknown	none	none

Vermont Environmental Results Project (ERP) Compliance Summaries

Each year since 2007, the UST Program has randomly selected approximately 100 facilities to inspect as part of our ERP. This is in addition to our routine inspection list which is made up of facilities last inspected three years ago. Randomly selecting facilities for inspection allows us to say, with statistical validity, what the compliance rate for the entire sector is.

YEAR	% Compliance	Out of Compliance/ Leak Detection	Out of Compliance/ Leak Prevention	Out of Compliance/ Cathodic Protection	Out of Compliance/ Overfill Prevention	Out of Compliance/ MULTI
2009	74	19	17	2	4	9
2010	84	13	2	1	0	0
2012	80	16	11	0	0	7
2013	93	6	6	0	0	2
2014	87	4	3	1	0	3
2015	87	3	4	2	0	3
2016	92	4	3	0	0	0
2017	94	5	1	0	0	1

**2011 ERP compliance results = not conducted (insufficient ERP inspections conducted due to TS/irene)

Anyone wishing site-specific information on any underground storage tank facility in Vermont may obtain that information by contacting the Vermont Storage Tank Program at 1 National Life Drive, Davis Bldg. 1, Montpelier, VT, 05620-3704, telephone 802-828-1138.