

State of Vermont

SUMMARY INFORMATION ON UNDERGROUND STORAGE TANKS (USTs) For Fiscal Year Ending September 30, 2020 **Posted 01/03/2021**

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	2016	2017	2018	2019	2020
Total Number of UST Facilities	927	894	872	858	842
Total Number of USTs	1879	1833	1742	1704	1680
Number of UST Facilities Inspected	365	365	310	347	231
Inspection Period Dates	10/1/2015 through 9/30/2016	10/1/2016 through 9/30/2017	10/1/2017 through 9/30/2018	10/1/2018 through 9/30/2019	10/1/2019 through 9/30/2020
Percent Compliance	81%	83%	78%	82%	83%
Release reporting dates	10/1/2015 through 9/30/2016	10/1/2016 through 9/30/2017	10/1/2017 through 9/30/2018	10/1/2018 through 9/30/2019	10/1/2019 through 9/30/2020
Number of Confirmed UST Releases	6	8	3	4	7

Summary Information for Release Sources and Causes:

Source: Tank	2 release (33.3%) - due to corrosion	2 release (40%) - due to corrosion	none	none	none
Source: Piping	none	2 release (20%) -due to piping failure	1 release (33.3%) -due to piping failure	none	none
Source: Dispenser	1 release (16.7%) -due to physical or mechanical failure	none	none	none	2 release (28.57%) - due to physical failure (sumps failed)
Source: Submersible Turbine Pump (STP)	none	none	none	none	none
Source: Delivery/Faulty Containment Devices	3 releases known (50.0%) -1 delivery, 2 spill bucket failure	4 releases known (40%) 4 spill bucket failures	2 releases known (66.6%) 2 spill bucket failures	2 releases known 2 spill bucket failures	4 releases known (57.14%) - spill bucket failures
Source: Other	none	none	none	2 releases discovered during tank pull- no obvious source	1 release discovered during tank pull (14.29%) - no obvious source

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
2018	94	5	2	0	1	1
2019	90	6	1	1	3	1

****2011 and 2020 ERP compliance results = not conducted (insufficient ERP inspections conducted due to TSlrene and COVID-19, respectively)**

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.**