



Underground Storage Tanks Annual Summary

Compliance inspections and release information

This Underground Storage Tank (UST) annual summary is being provided as required by the Energy Act of 2005 for the period of October 1, 2010 through September 30, 2011.

Public record post date: January 1, 2012

General information

Total number of UST facilities in Minnesota: 6,512

Total number of USTs in Minnesota: 14,800

Summary information for on-site compliance inspections

Number of UST facilities inspected: 1,823

Inspection period: October 1, 2010, to September 30, 2011

Percent of UST facilities inspected in compliance with release prevention (corrosion protection, spill and overfill) and release detection requirements: 64 percent

Note: This report covers active, temporarily closed, and abandoned federally regulated USTs and state regulated USTs, but does not include USTs on tribal land or permanently closed tanks.

Summary information for releases

Number of new UST releases reported this period: 284

Number of federally regulated UST releases reported this period: 176

Release reporting period: October 1, 2010, to September 30, 2011

Source	#	%
Tank	230	37%
Piping	113	18%
Dispenser	67	11%
Submersible turbine pump	2	0%
Delivery problem	31	5%
Other	185	29%
Total	628	

Type of release	#	%
Line leak detection	7	1%
Tank leak detection	2	0%
Visual/olfactory	113	20%
Site assessment	147	26%
Removal	210	37%
Other	95	17%
Total	574	

*The release data being reported was received between October 1, 2010, and September 30, 2011. However, the actual petroleum release may have occurred between January 1, 1988, and September 30, 2011. See Note 2 on the second page.

Summary information for release sources and causes:

Cause →	Spill		Overfill		Phys/Mech damage		Corrosion		Install problem		Other		Unknown		Total #
Source ↓	#	%	#	%	#	%	#	%	#	%	#	%	#	%	
Tank	14	10%	14	10%	15	10%	47	32%	1	1%	8	6%	46	32%	145
Piping	26	9%	23	8%	14	5%	109	39%	0	0%	13	5%	96	34%	281
Dispenser	14	15%	13	14%	15	16%	10	11%	0	0%	4	4%	35	38%	91
Submersible turbine pump	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	2	100%	2
Delivery problem	14	29%	16	33%	1	2%	2	4%	0	0%	2	4%	13	27%	48
Other	30	14%	15	7%	4	2%	12	6%	0	0%	18	8%	136	63%	215

Note 1: The source, cause of release, and release discovery tables should be viewed separately since many reported sources listed multiple causes. For example, a source of release may have been reported as a tank and the cause of release many have been reported as a spill, corrosion, and/or overfill. Additional example, the number of tank related sources is from 230 sites, but 145 causes of the release from those tanks have been reported. Finally, since many of the releases were discovered through removal or site assessment, accurately categorizing the source and cause of releases by the consultants is extremely difficult.

Note 2: Source and cause information is based on data that is received and entered by Minnesota Pollution Control Agency (MPCA) staff from reports submitted by consultants. Therefore, the release may have taken place several years ago but the release data was received between October 1, 2010, and September 30, 2011. All data is retrieved from MPCA databases.

Additional site information may be obtained following the links below:

http://www.pca.state.mn.us/programs/tanks_p.cfm

http://www.pca.state.mn.us/programs/lust_p.html