

# 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, 2018, through September 30, 2019.

Public record post date: October 30, 2019

### Summary information for on-site compliance inspections

Number of UST facilities inspected: 1,400

Inspection period: October 1, 2018, to September 30, 2019

Percent of UST facilities inspected in compliance with release prevention (corrosion protection, spill and overflow) and release detection requirements: 81%.

**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: 304

Number of federally regulated UST releases reported this period: 180

Release reporting period: October 1, 2018, to September 30, 2019

| Source                   | Number | Percentage |
|--------------------------|--------|------------|
| Tank                     | 192    | 40%        |
| Piping                   | 62     | 13%        |
| Dispenser                | 55     | 11%        |
| Submersible turbine pump | 0      | 0%         |
| Delivery problem         | 18     | 4%         |
| Other                    | 154    | 32%        |
| Total                    | 481    |            |

| Type of release     | Number | Percentage |
|---------------------|--------|------------|
| Line leak detection | 7      | 1%         |
| Tank leak detection | 1      | <1%        |
| Visual/olfactory    | 90     | 19%        |
| Site assessment     | 115    | 24%        |
| Removal             | 205    | 43%        |
| Other               | 59     | 12%        |
| Total               | 477    |            |

\*The release data being reported was received between October 1, 2014, and September 30, 2015, however, the actual petroleum release may have occurred between January 1, 1988 and September 30, 2015. 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 # |
|---------------------------------|-------|-----|----------|-----|------------------|-----|-----------|-----|-----------------|----|-------|-----|---------|-----|---------|
|                                 | #     | %   | #        | %   | #                | %   | #         | %   | #               | %  | #     | %   | #       | %   |         |
| <b>Tank</b>                     | 20    | 9%  | 17       | 8%  | 17               | 8%  | 67        | 30% | 0               | 0% | 11    | 5%  | 93      | 41% | 225     |
| <b>Piping</b>                   | 6     | 8%  | 7        | 9%  | 9                | 12% | 22        | 30% | 0               | 0% | 7     | 9%  | 31      | 31% | 74      |
| <b>Dispenser</b>                | 7     | 8%  | 6        | 6%  | 9                | 10% | 4         | 4%  | 0               | 0% | 10    | 11% | 33      | 33% | 93      |
| <b>Submersible turbine pump</b> | 0     | 0%  | 0        | 0%  | 0                | 0%  | 0         | 0%  | 0               | 0% | 0     | 0%  | 0       | 0%  | 0       |
| <b>Delivery problem</b>         | 7     | 30% | 10       | 43% | 1                | 4%  | 1         | 4%  | 0               | 0% | 2     | 9%  | 2       | 9%  | 23      |
| <b>Other</b>                    | 8     | 5%  | 6        | 4%  | 7                | 2%  | 3         | 2%  | 0               | 0% | 28    | 17% | 110     | 68% | 162     |

**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. 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 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, 2013, and September 30, 2014. All data is retrieved from MPCA databases.

Additional site information may be obtained following the links below:

<http://www.pca.state.mn.us/ust>

[http://www.pca.state.mn.us/programs/lust\\_p.html](http://www.pca.state.mn.us/programs/lust_p.html)