

Alaska Department of Environmental Conservation

Underground Storage Tank Program

UST Public Record Program Information for Federal Fiscal Year 2013 (1 October 2012 to 30 September 2013)

General Information:

Posted Date: October 7, 2013

Total Number of UST Facilities: 461

Total Number of Active USTs: 1,019

Information concerning UST facilities can be found here:

<http://www.dec.state.ak.us/spar/ipp/ust/search/default.htm>

Summary Information for On-Site Inspections:

Total Number of UST Facilities Inspected: 157

Inspection Period: 1 Oct 2012 to 30 Sept 2013

Percent Compliance: 73%

The number of tanks is the total number of tanks regulated under the definition of an Underground Storage Tank contained in 40 CFR 280.12 with the exception of those identified in 40 CFR 280.10(b) and 280.10(c) as excluded or deferred from current regulations. Percent compliance is the number of facilities that had no significant operational compliance issues for release detection or release prevention requirements. The most common issue is failure to maintain leak detection records. Failure numbers include facilities with tanks that were repaired as part of the inspection.

Release Information: There was one historical spill discovered at a privately owned underground storage tank (UST) facility during replacement of three tank fill catchment basins (spill buckets). The source of the spill was determined to be ongoing releases of small quantities of fuel during tank filling operations by delivery distributors. An exact amount of fuel spilled was undeterminable. Contaminated soil was excavated and treated. A second historical spill was discovered at another privately-owned UST facility during replacement of submersible turbine pump containment sumps. An estimated 90 gallons was released. Contaminated soil was excavated and treated. A third historical spill was discovered during

removal of two privately-owned USTs that were empty and out of service for over 20 years. Contaminated soil was discovered in the bottom of the tank pit after the tanks were removed. An estimated 75 gallons was released. Contaminated soil was excavated and treated. There were an additional 105 small releases that were not directly associated with the UST systems. Of the 105, 69 were customer overfills during filling of personal vehicles and 35 were caused by mechanical problems with the fuel dispenser. The most common dispenser malfunction being the dispenser hand valve. One spill was caused by human error during filling of the UST by the delivery distributor driver.

Summary Information on releases

Number of confirmed Releases: 9

Release reporting period dates: 1 October 2012 to 30 Sept 2013

The below table provides summary information for release cause and the source:

SOURCE		CAUSES														
		SPILL		Overfill		Phys/Mech Problems		Corrosion		Install Problem		Other		Unknown		
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
TANK	2	22	2	67	0	0	0	0	0	0	0	0	0	0	0	0
PIPING	1	11	0	0	0	0	1	17	0	0	0	0	0	0	0	0
DISPENSER	4	45	0	0	0	0	4	66	0	0	0	0	0	0	0	0
*STP	1	11	0	0	0	0	1	17	0	0	0	0	0	0	0	0
DELIVERY PROBLEM	1	11	1	33	0	0	0	0	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	9	100	3	33	0	0	6	67	0	0	0	0	0	0	0	0

*Submersible Turbine Pump Area

Release, source and cause information is based on USTs regulated under Subtitle I that satisfies the definition of a UST in 40 CFR 280.12, except those USTs identified in 40 CFR 280.10(b) as excluded USTs. USTs deferred in 40 CFR 280.10(c) and those for emergency power generation deferred for release detection by 40 CFR 280.10(d) are included as part of this public record.

Information concerning Leaking Underground Storage Tank sites, specific spill information and all underground storage tank facilities can be accessed here:

http://www.dec.state.ak.us/spar/csp/db_search.htm