



Alaska Department of Environmental Conservation

Underground Storage Tanks

Leak Detection Recordkeeping Fact Sheet

Title 18 Alaska Administrative Code (AAC) 78, *Underground Storage Tanks*, requires leak detection monitoring and recordkeeping in paragraphs 18 AAC 78.060, 78.065 and 78.070.

Owners and operators of regulated underground storage tank (UST) systems are required to monitor release detection on tanks and piping at least once every 30 days and to retain those records. Each UST system must have a minimum of 12 months to be in compliance for recordkeeping, and no two consecutive months may have 'inconclusive' or 'failed' results.

Owners and/or operators must provide the records during inspections (*18 AAC 78.100(h)(2)*).

If 12 months of records are not retained for these requirements, then the UST system will be placed on Leak Detection Probation (LDP) for a minimum of 12 months.

Leak Detection Probation:

- If a UST system fails the third-party operations inspection for leak detection equipment on tank or piping, the failed component is required to be upgraded, replaced or fixed within 60 days of the inspection (*18 AAC 78.017(k)(4)*)
 - a. Extensions may be approved upon a written request accompanied by detailed repair information and a corrective action schedule
 - b. A fuel authorization may be issued during that period *and* LDP may be in effect after the corrective work is complete.
- If a UST system fails the third-party operations inspection for recordkeeping, that is, not having 12 months of acceptable records on hand, the inspector and owner/operator may sign an LDP Agreement (*page 13*) for 12 months:

<p>If less than 12 months of passing records, the tank and/or piping is on LEAK DETECTION PROBATION. The Owner/Operator signs the <i>Leak Detection Probation Agreement</i> (below) with the Inspector. ** Review <i>Leak Detection Record Keeping Fact Sheet</i>.</p>	
<p>Leak Detection Probation Agreement: I have been hired to perform leak detection probation inspector duties listed on the <i>Leak Detection Record Keeping Fact Sheet</i> as applicable. Probation Due Date: _____ Initial/Date _____ If different Certified Inspector (than above) identify: Inspector Name/ID #: _____ Signature/Date: _____</p>	<p>Leak Detection Probation Agreement: I agree to comply with leak detection monitoring as described on the <i>Leak Detection Record Keeping Fact Sheet</i> and as applicable to this facility. Signature: _____ Date: _____</p>

- a. The department will issue a fuel authorization letter for the 12-month LDP
- b. The owner/operator agrees to submit the monthly records to the inspector
- c. The inspector will monitor progress and provide technical assistance
- d. If 12 months of acceptable records are received, the inspector will recommend to the department that LDP be completed
- e. The department will issue the current decal for the tank's compliance tag.

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- **Repeat** failed inspection for leak detection recordkeeping:
 - a. LDP will be managed by the UST technician on a 30-day fuel authorization basis for a minimum of 12 months
 - b. Each 30-day *Fuel Authorization Letter* is dependent on monthly receipt of acceptable release detection records
 - c. Acceptable records must be proof positive: a copy of the automatic tank gauge printout, or a photo of the tank monitor, line-leak detection monitor device, a manual interstitial monitoring log, or other method (department discretion)
 - d. After successful completion the 30-day fuel authorization period (12 months) the UST system goes on regular LDP for an additional 12 months
 - e. After the second 12 months is successfully completed, the department will issue the current decal for the tank's compliance tag.
- If the owner/operator does not comply with the 30-day fuel authorization requirement, the UST Prevention Manager will place the tank on Delivery Prohibition (*18 AAC 78.018*).
- UST systems without a current fuel authorization are listed on the department's *Tanks Without Tags* page: http://dec.alaska.gov/applications/spar/ipp/not_yet.asp
- Fuel Distributors *are prohibited* from delivering fuel to tanks that do not have a current inspection decal, and have been notified to regularly check this page before fuel transfer.

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