



UST Corrective Action Program Checklist

LUST Site Classification Form:

Arizona Administrative Code (A.A.C.) R18-12-261.01 LUST Site Classification

- A.** LUST site analysis. An owner or operator shall determine a LUST site classification by analyzing current and future threats to public health and the environment based on site-specific information known at the time of the determination.
- B.** LUST site classification factors. The owner or operator shall determine any threats to public health and the environment by addressing the following:
1. Presence and levels of vapors;
 2. Presence of free product;
 3. Extent of contamination;
 4. Type and location of receptor;
 5. Impacts and reasonably foreseeable impacts to current and future receptors; and
 6. Estimated time between the date of the analysis and the impact to receptors.
- C.** LUST site classification. An owner or operator shall select a classification for the LUST site from one of the following, based on the analysis performed under subsection (B):
1. Classification 1: immediate threats;
 2. Classification 2: short term threats from impacts that are reasonably foreseeable at or within two years;
 3. Classification 3: long term threats from impacts that are reasonably foreseeable after two years; or
 4. Classification 4: contamination exists, but no demonstrable long term threat has been identified, or information indicates the site cannot be otherwise classified under this subsection.
- D.** LUST site classification form submission. An owner or operator shall submit to the Department the LUST site classification form described in subsection (E) as required by R18-12-260 through R18-12-264.01, and when LUST site conditions indicate the classification has changed, or if contamination has migrated, or is anticipated to migrate, to a property where the owner or operator does not have access.
- E.** LUST site classification form contents. An owner or operator shall submit the LUST site

classification, on a Department provided form, that includes the following information:

1. Date of preparation;
2. LUST number assigned to the release that is the subject of the classification;
3. The status of corrective action activities on the date that the classification form is submitted;
4. The regulated substance and the estimated volume (in gallons) released, the UST identification number from the notification form described in R18-12-222, the component of the UST where the release occurred, and whether the release is a spill or overflow;
5. The factors considered in determining the LUST site classification described in subsection (B);
6. The distance between the identified contamination and each receptor;
7. The estimated time, from the date on the form until impact to a receptor; and
8. The classification of the LUST site.

General Reporting Requirements – in addition to the specific reporting requirements listed above, each submittal to the Department must also conform to the general reporting requirements found at **A.A.C. R18-12-264**:

- A.** Standard first page. An owner or operator making written submission to the Department under R18-12-251 through R18-12-263.03 shall prepare a cover page, on a Department provided form, that contains the following:
1. The name, address, and daytime telephone number of the person responsible for submitting the document, identified as owner, operator, a political subdivision under A.R.S. § 49-1052(H), a person under A.R.S. § 49-1052(I), or other person notifying the Department of a release or suspected release or conducting corrective actions under A.R.S. § 49-1016(C)(2) or (4), and any identifying number assigned to the person by the Department;
 2. Identification of the type of document or request being submitted;
 3. The LUST number assigned by the Department to the release that is the subject of the document. If no LUST number is assigned, the date the release or suspected release was reported to the Department;
 4. The name and address of the facility, and the facility identification number;
 5. The name, address, daytime telephone number, and any identification number assigned by the Department of the owner and operator and the owner of the property that contains LUST; and
 6. A certification statement signed by the owner or operator or the person conducting the corrective actions under A.R.S. § 49-1016(C) that reads: "I hereby certify, under penalty of law, that this submittal and all attachments are, to the best of my knowledge and belief,

true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.”

- B. Professional registration requirements.** Both the professional submitting written report to the Department under R18-12-260 through R18-12-263.03 and the report shall meet the requirements of the Arizona Board of Technical Registrations under A.R.S. Title 32, Chapter 1 and the rules made under that Chapter.

R18-12-280. Sampling Requirements

- A. Required analytical procedures.** For all sampling under this Chapter, an owner or operator shall:
1. Analyze samples for the chemicals of concern associated with regulated substances stored in the UST during its operational life by analytical test methods that are approved for analysis of each chemical of concern under A.A.C. R9-14-601 through R9-14-617. Before collecting samples, the Department may approve, a different procedure after considering whether the analytical data will be representative of the concentrations and compositions of volatile regulated substances existing in the contaminated medium;
 2. Perform sample analyses using a laboratory licensed for the selected analytical method by the Arizona Department of Health Services under A.A.C. R9-14-601 through A.A.C. R9-14-617; and
 3. Analyze samples within the specified time period required for the analytical test method under A.A.C. R9-14-601 through A.A.C. R9-14-617.
- B. Quality assurance and quality control (QA/QC).** For all required sampling under this Chapter, an owner or operator shall:
1. Decontaminate sampling equipment as provided in R18-12-281(Q);
 2. Handle and transport samples using a methodology that will result in analytical data that is representative of the concentrations and compositions of the chemicals of concern that may exist in the contaminated medium;
 3. Follow chain-of-custody procedures under R18-12-281(S), for all required sampling, including the condition and temperature of the samples received by the laboratory on the chain-of-custody record; and
 4. Follow generally accepted industry standards. For the purpose of subsection (B), “generally accepted industry standards” means those QA/QC procedures that are described in publications of national organizations concerned with corrective actions or that otherwise appear in peer-reviewed literature.
- C. Soil sampling.** An owner or operator shall perform all soil sampling required under this Chapter using a methodology that will result in analytical data that is representative of the concentrations and compositions of the chemicals of concern that may exist in the contaminated soil. The owner or operator shall use a sampling method that is based on consideration of all of the following criteria:
1. The specific chemicals of concern potentially involved,
 2. Site-specific lithologic conditions,

3. Depth of sample collection, and
 4. Generally accepted industry standards. For the purpose of subsection (C), “generally accepted industry standards” means those soil sampling activities that are described in publications of national organizations concerned with corrective actions or that otherwise appear in peer-reviewed literature.
- D. Groundwater sampling.** An owner or operator shall perform all required groundwater sampling under this Chapter using a methodology that will result in analytical data that is representative of the concentrations and compositions of the chemicals of concern that may exist in the groundwater. The owner or operator shall use a sampling method that is based on consideration of all of the following criteria:
1. The specific chemicals of concern potentially involved,
 2. Site-specific hydrologic conditions,
 3. Site-specific monitor well construction details,
 4. Depth of sample collection, and
 5. Generally accepted industry standards. For the purpose of subsection (D), “generally accepted industry standards” means those groundwater sampling activities that are described in publications of national organizations concerned with corrective actions or that otherwise appear in peer-reviewed literature.