



Underground Storage Tank (UST) – Leaking UST Section
 1110 West Washington Street
 Phoenix, Arizona 85007
USTCAS@azdeq.gov

LUST SITE CLASSIFICATION FORM

In accordance with A.A.C. R18-12-261.01, this form is required to be filled out in its entirety.
 If applicable, please attach additional information.

UST Facility Name: _____ Assigned UST Facility ID: 0-0 _____

Name of UST Owner or Operator responsible for submittal: _____ UST Owner/Operator ID: _____

Role of submitter (check all that apply): Owner Operator Property Owner ADEQ State Lead

Name of Professional who completed evaluation in accordance with A.A.C. R18-12-264(B): _____

Assigned LUST release ID: _____ Are there other LUSTs at this facility? Yes No (if yes, fill out a form for each release)

Regulated substance released: E10 Gasoline (unleaded with MTBE) Gasoline (unleaded without MTBE) Gasoline (leaded) Diesel
 Used oil Jet fuel Other: _____

Source of release: Tank Piping Spill Overfill Submersible turbine pump Delivery problem Location of component (source): _____

Cause of release: Physical/mechanical damage Install problems Spill Overfill Unknown Other: _____

Estimated loss (in gallons): 1-500 501-1,000 1,001-5,000 5,001-10,000 if >10,000 provide estimate _____

Factors Considered in Determining LUST Site Classification – Part 1:

MEDIA IMPACTED:

	Extent of contamination defined		Contamination on-site		Contamination extends off-site		Date of most recent analytical data
	Yes	No	Yes	No	Yes	No	
Soil Vapor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Soil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Groundwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Surface water	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
*Free Product	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

*If Free Product is encountered – please review A.A.C. R18-12-261.02 for details on required Free Product reporting

GROUNDWATER QUALITY:

Potable Naturally non-potable Artificially non-potable, regional Artificially non-potable, locally

STATUS OF CORRECTIVE ACTION ACTIVITIES ON DATE FORM IS SUBMITTED:

Initial Response Initial Abatement Site Characterization Remediation (O&M) Requesting closure

Previous Site Classification: Not applicable 1 2 3 4

Name of Preparer: _____
 Date Prepared: _____

ADEQ use only
 DATE RECEIVED: _____

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Factors Considered in Determining LUST Site Classification – Part 2:

Risk based corrective action (RBCA) factors are used to determine LUST site classification as required by A.A.C. R18-12-261.01

INSTRUCTIONS: Check mark the applicable criteria status for each factor. The site classification is determined by the column farthest to the left for which **ANY** criterion was check marked.

FACTORS	CRITERIA			
Explosive vapor levels in buildings	<input type="checkbox"/> Yes	<input type="checkbox"/> Potential		
Explosive vapor levels in subsurface conduits	<input type="checkbox"/> Yes	<input type="checkbox"/> Potential		
Vapor levels causing acute health effects in building	<input type="checkbox"/> Yes	<input type="checkbox"/> Potential		
Vapor levels causing acute health effects outdoors	<input type="checkbox"/> Yes	<input type="checkbox"/> Potential		
Free product visible or identified by analytical data in groundwater or soil	<input type="checkbox"/> Yes			
Free product visible or identified by analytical data in subsurface utilities	<input type="checkbox"/> Yes			
Contaminated surficial soils (0-15 feet)		<input type="checkbox"/> Yes but the R* <500 ft	<input type="checkbox"/> Yes but the R* >500 ft	
Contaminated subsurface soils (>15 feet)			<input type="checkbox"/> CoCs are leachable	<input type="checkbox"/> CoCs are not leachable
Plume migration to an active drinking water well (well screened in same interval as plume)	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes to the R* < 2 years**	<input type="checkbox"/> Yes to the R* > 2 years**	
Plume migration to an active drinking water well (well screened in different interval as plume)		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Plume migration to an active non-potable use groundwater well (well screened in same interval as plume)		<input type="checkbox"/> Yes	<input type="checkbox"/> Yes to the R* > 2 years**	<input type="checkbox"/> No
Plume migration to an active non-potable use groundwater well (well screened in different interval as plume)			<input type="checkbox"/> Yes	<input type="checkbox"/> No
Free product visible in or identified by analytical data in surface	<input type="checkbox"/> Yes			
Surface water (potable water intakes) impacted?	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <500 ft	<input type="checkbox"/> Yes 501-1500 ft	
Surface water impacted or other sensitive ecological targets present?	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes <500 ft	<input type="checkbox"/> Yes 501-1500 ft	
Current LUST Site Classification	<input type="checkbox"/> 1 Immediate threat	<input type="checkbox"/> 2 Short term threat	<input type="checkbox"/> 3 Long term threat	<input type="checkbox"/> 4 No threat or unclassifiable
Remedial responses needed based on LUST Site Classification	Corrective Action Plan. Evacuate occupants if applicable, mitigate free product, mitigate vapor migration, minimize extent of impact	Corrective Action Plan. Remove vapor and other source(s) or mitigate, remove contaminated soil or limit contact to it, monitor groundwater	Define extent of groundwater contamination, monitor groundwater contamination, define contaminated soil extent	No remedial response needed/Evaluate data for potential release closure

NOTES:

- * 'R' denotes receptor as defined in A.A.C. R18-12-101; persons, enclosed structures, subsurface utilities, waters of the state, or water supply wells and well-head protection areas.
- ** Time refers to plume migration to the well; if no site specific data is available, assume a migration rate equivalent to groundwater flow velocity.