

Initial Site Characterization

Submission Date: _____
Facility ID: _____
Leak ID: _____
Date of Release: _____

I. Release Information

1. Substance(s) confirmed to be released (check all that apply).

- | | | | |
|---|--|--|---|
| <input type="checkbox"/> Gasoline | <input type="checkbox"/> Oil (new) | <input type="checkbox"/> Brine | <input type="checkbox"/> Methanol |
| <input type="checkbox"/> Diesel | <input type="checkbox"/> Aviation fuel | <input type="checkbox"/> Crude | <input type="checkbox"/> Distillates |
| <input type="checkbox"/> Kerosene | <input type="checkbox"/> Ethanol flex fuel | <input type="checkbox"/> Condensates | <input type="checkbox"/> Sodium hydroxide |
| <input type="checkbox"/> Used oil | <input type="checkbox"/> Biodiesel | <input type="checkbox"/> Other produced fluids | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Other (specify): _____ | | | |

2. Source of release (check all that apply).

- | | |
|--|---|
| <input type="checkbox"/> Tank _____ | <input type="checkbox"/> Submersible Turbine Pump (STP) _____ |
| <input type="checkbox"/> Piping _____ | <input type="checkbox"/> Delivery Problem _____ |
| <input type="checkbox"/> Dispenser _____ | <input type="checkbox"/> Unknown |
| <input type="checkbox"/> Other (describe): _____ | |

3. Volume of material released (estimate in gallons). _____

4. Elapsed time over which the release occurred (if known): _____

5. Media impacted (check all that apply).

- | | | |
|--------------------------------------|---|--------------------------------|
| <input type="checkbox"/> Soil | <input type="checkbox"/> Surface water | <input type="checkbox"/> Vapor |
| <input type="checkbox"/> Groundwater | <input type="checkbox"/> Not Applicable | |

6. Provide a brief description of the release event.

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II. Initial response

1. What initial response and corrective actions have been taken to date? (check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> Emptied substance from tank | <input type="checkbox"/> Repaired leaking component(s) |
| <input type="checkbox"/> Replaced leak component(s) | <input type="checkbox"/> Initiated early cleanup |
| <input type="checkbox"/> Conducted initial site characterization | <input type="checkbox"/> Permanently closed tank system |
| <input type="checkbox"/> Investigated for presence of and initiated removal of free product | |

2. Was free product discovered?

- Yes No

3. As briefly as possible, provide additional details about the initial response and corrective actions taken to date. Add attachment if necessary.

III. Sample Information

1. Is there analytical information available?

- No Yes (Attach table of analytical data).

2. Select the soil sample collection method used.

- | | | |
|--|---|---|
| <input type="checkbox"/> Encore/Terracore (5035) | <input type="checkbox"/> Excavator bucket | <input type="checkbox"/> Direct push tube |
| <input type="checkbox"/> Shovel/trowel | <input type="checkbox"/> Screw auger | <input type="checkbox"/> Not applicable |
| <input type="checkbox"/> Other (describe): _____ | | |

3. Attach a table of analytical data (use WVDEP template where applicable). Attach complete lab analytical report.

IV. Site Geology and Hydrology

1. Is the site located in Karst Topography?

- Yes No

2. Depth to bedrock (*feet*): _____ Estimated Known

3. Depth to groundwater? _____ Estimated Known

4. Groundwater flow direction: _____ Estimated Known

5. What is the predominate soil type? _____ (*Describe the general soil lithology by filling in the below*)

Depth range in feet	Lithology Type	Notes
> 0'-8'		
> 8'		

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VII. Attachments

1. Please indicate all attachments being submitted with this document

- | | | |
|---|---|-----------------------------------|
| <input type="checkbox"/> Boring logs | <input type="checkbox"/> Waste manifests | <input type="checkbox"/> Site map |
| <input type="checkbox"/> Analytical data tables | <input type="checkbox"/> Laboratory Analytical Data | |
| <input type="checkbox"/> Other (list below) | <input type="checkbox"/> UST equipment tests (i.e. spill bucket, sump, tank/piping tests, etc.) | |

VIII. Site Map

Attach a site map to this document

Site map(s) drawn to scale illustrating the following:

- a. Location of all present and former tanks, piping and dispensers in the area of the release;
- b. Footprint of surface and/or subsurface soil contamination;
- c. Footprint of other structures (buildings, canopies, roads, utilities, etc.);
- d. Location of the release(s)
- e. Known locations of sewer and utility line, basements, and other subsurface structures
- f. Location and type of receptors
- g. Location of monitoring wells and all others wells that may be impacted by the release (if present);
- h. Soil sample location(s) (if collected)
- i. Groundwater data (if collected)
- j. Potentiometric map, if appropriate
- j. North arrow, bar scale, and map legend