



## Pipe Installation Supplement B

Your application is not complete until **all** requested information is submitted. Please complete every item on this supplement to avoid delays in processing your request

**In addition to this form, please submit:**

- Completed Permit Application for Underground Storage Tanks—Major Installation
- Permit fees
- Sage Grouse Habitat Conservation Program Certification (letter)
- Environmental Assessment Questionnaire (if required)
- Corrosion Protection Design Report (if required)

**Check appropriate boxes for proposed installation**

Tank Number	THIS LINE FOR OFFICE USE ONLY			
Tag Number (if applicable)				
Tank Capacity (gallons)				
Substance Stored				
Product Pipe Material	<input type="checkbox"/> Flexible <input type="checkbox"/> FRP <input type="checkbox"/> Steel with CP <input type="checkbox"/> Other _____	<input type="checkbox"/> Flexible <input type="checkbox"/> FRP <input type="checkbox"/> Steel with CP <input type="checkbox"/> Other _____	<input type="checkbox"/> Flexible <input type="checkbox"/> FRP <input type="checkbox"/> Steel with CP <input type="checkbox"/> Other _____	<input type="checkbox"/> Flexible <input type="checkbox"/> FRP <input type="checkbox"/> Steel with CP <input type="checkbox"/> Other _____
Product Pipe Construction	<input type="checkbox"/> Double-walled <input type="checkbox"/> Single-walled <input type="checkbox"/> Other _____	<input type="checkbox"/> Double-walled <input type="checkbox"/> Single-walled <input type="checkbox"/> Other _____	<input type="checkbox"/> Double-walled <input type="checkbox"/> Single-walled <input type="checkbox"/> Other _____	<input type="checkbox"/> Double-walled <input type="checkbox"/> Single-walled <input type="checkbox"/> Other _____
Pipe Manufacturer				
Type of Pipe	<input type="checkbox"/> Gravity <input type="checkbox"/> Pressurized <input type="checkbox"/> Safe Suction <input type="checkbox"/> U.S. Suction	<input type="checkbox"/> Gravity <input type="checkbox"/> Pressurized <input type="checkbox"/> Safe Suction <input type="checkbox"/> U.S. Suction	<input type="checkbox"/> Gravity <input type="checkbox"/> Pressurized <input type="checkbox"/> Safe Suction <input type="checkbox"/> U.S. Suction	<input type="checkbox"/> Gravity <input type="checkbox"/> Pressurized <input type="checkbox"/> Safe Suction <input type="checkbox"/> U.S. Suction
Leak Detection	Interstitial Monitoring <input type="checkbox"/> Continuous <input type="checkbox"/> Manual <input type="checkbox"/> Safe Suction (self-testing) <input type="checkbox"/> Tightness Test <input type="checkbox"/> Leak Detector <input type="checkbox"/> GW Monitoring <input type="checkbox"/> Vapor Monitoring <input type="checkbox"/> Other _____	Interstitial Monitoring <input type="checkbox"/> Continuous <input type="checkbox"/> Manual <input type="checkbox"/> Safe Suction (self-testing) <input type="checkbox"/> Tightness Test <input type="checkbox"/> Leak Detector <input type="checkbox"/> GW Monitoring <input type="checkbox"/> Vapor Monitoring <input type="checkbox"/> Other _____	Interstitial Monitoring <input type="checkbox"/> Continuous <input type="checkbox"/> Manual <input type="checkbox"/> Safe Suction (self-testing) <input type="checkbox"/> Tightness Test <input type="checkbox"/> Leak Detector <input type="checkbox"/> GW Monitoring <input type="checkbox"/> Vapor Monitoring <input type="checkbox"/> Other _____	Interstitial Monitoring <input type="checkbox"/> Continuous <input type="checkbox"/> Manual <input type="checkbox"/> Safe Suction (self-testing) <input type="checkbox"/> Tightness Test <input type="checkbox"/> Leak Detector <input type="checkbox"/> GW Monitoring <input type="checkbox"/> Vapor Monitoring <input type="checkbox"/> Other _____
Secondary Leak Detection	Interstitial Monitoring <input type="checkbox"/> Continuous <input type="checkbox"/> Manual <input type="checkbox"/> Safe Suction (self-testing) <input type="checkbox"/> Tightness Test <input type="checkbox"/> Leak Detector <input type="checkbox"/> GW Monitoring <input type="checkbox"/> Vapor Monitoring <input type="checkbox"/> Other _____	Interstitial Monitoring <input type="checkbox"/> Continuous <input type="checkbox"/> Manual <input type="checkbox"/> Safe Suction (self-testing) <input type="checkbox"/> Tightness Test <input type="checkbox"/> Leak Detector <input type="checkbox"/> GW Monitoring <input type="checkbox"/> Vapor Monitoring <input type="checkbox"/> Other _____	Interstitial Monitoring <input type="checkbox"/> Continuous <input type="checkbox"/> Manual <input type="checkbox"/> Safe Suction (self-testing) <input type="checkbox"/> Tightness Test <input type="checkbox"/> Leak Detector <input type="checkbox"/> GW Monitoring <input type="checkbox"/> Vapor Monitoring <input type="checkbox"/> Other _____	Interstitial Monitoring <input type="checkbox"/> Continuous <input type="checkbox"/> Manual <input type="checkbox"/> Safe Suction (self-testing) <input type="checkbox"/> Tightness Test <input type="checkbox"/> Leak Detector <input type="checkbox"/> GW Monitoring <input type="checkbox"/> Vapor Monitoring <input type="checkbox"/> Other _____
Corrosion Protection	<input type="checkbox"/> Galvanic <input type="checkbox"/> Impressed Current <input type="checkbox"/> Non-corrodible	<input type="checkbox"/> Galvanic <input type="checkbox"/> Impressed Current <input type="checkbox"/> Non-corrodible	<input type="checkbox"/> Galvanic <input type="checkbox"/> Impressed Current <input type="checkbox"/> Non-corrodible	<input type="checkbox"/> Galvanic <input type="checkbox"/> Impressed Current <input type="checkbox"/> Non-corrodible
Vent Pipe Material	<input type="checkbox"/> Flexible <input type="checkbox"/> FRP <input type="checkbox"/> Steel with CP <input type="checkbox"/> Other _____	<input type="checkbox"/> Flexible <input type="checkbox"/> FRP <input type="checkbox"/> Steel with CP <input type="checkbox"/> Other _____	<input type="checkbox"/> Flexible <input type="checkbox"/> FRP <input type="checkbox"/> Steel with CP <input type="checkbox"/> Other _____	<input type="checkbox"/> Flexible <input type="checkbox"/> FRP <input type="checkbox"/> Steel with CP <input type="checkbox"/> Other _____
GPS Coordinates* <a href="https://gis.deq.mt.gov/portal/home/">https://gis.deq.mt.gov/portal/home/</a> * Only for AST piping	Latitude: _____ Longitude: _____	Latitude: _____ Longitude: _____	Latitude: _____ Longitude: _____	Latitude: _____ Longitude: _____

**Design Checklist for proposed installation:**

- Depth to groundwater \_\_\_\_\_
- Make and model of all pressurized line leak detection equipment (for ELLD include series)
  - MLLD \_\_\_\_\_  ELLD \_\_\_\_\_  LD panel \_\_\_\_\_
- How is the LD panel programmed? (indicate all)
  - 0.1 gph annual test       0.2 gph monthly test       3 gph continuous test
  - Sound a continuous alarm       De-energize the turbine       Autodialer
- Make and model of all interstitial piping equipment \_\_\_\_\_
- Length of pipe run protected by line leak detector for each tank system \_\_\_\_\_
- How do the liquid sensors stop the flow of fuel in the event of a leak?
  - Sound a continuous alarm       De-energize the turbine
  - Close a solenoid at the tank top       Autodialer
- Corrosion protection method for each metal component that will be in contact with the ground \_\_\_\_\_
- Make and model of any other equipment to be installed \_\_\_\_\_
- Length of each new vent piping run \_\_\_\_\_
- For connections to existing pipe, also describe:
  - Type of existing product pipes and method of connection \_\_\_\_\_
- Total length of each new product piping run \_\_\_\_\_
- Make/model of existing line leak detection equipment to be replaced \_\_\_\_\_
- Describe the project—what are you planning to do? (attach additional sheets if necessary). Include any special design issues and any information not included above. \_\_\_\_\_

**Site Plan** to include the following elements at a minimum:

- Facility name       Designer name       Scale or dimensions       North arrow
- Major site features       Direction of ground slope       GPS Coordinates (if AST)
- Adjacent water wells, public sewers, streams or bodies of water within 100 feet of installation
- Dimensioned or scaled distances between property lines, buildings, tanks and proposed pipe(s) installation

For each **existing** UST system, locate and label the following elements by dimension or scaled location:

- Tanks (AST and UST)       Product Pipe(s)\*       Dispenser(s)       Vent(s)\*
- Sump(s)\*       Any vapor or groundwater monitoring wells (including remediation wells)

\* Show only if any existing UST component requires disassembly or relocation

For each **proposed** UST system pipe install locate the following elements by dimension or scaled in place:

- Product pipe(s)       Dispenser(s)       Vent piping (if applicable)       Sump(s)
- Leak detection monitoring equipment\*\*       Line leak detector if not installed in STP housing\*\*
- All corrosion protection equipment associated with pipe install\*\*
- Flex connectors and method of corrosion protection\*\*
- If connecting to existing pipe made by a different manufacturer, show connection location and detailed cross-section
- For double-walled and/or suction pipe runs, show flow direction through the system and location of pipe sumps\*\*

If installing a suction system, also include:

- Check valves\*\*       Solenoid valves\*\*       Product pipe cross-sections indicating direction and slope\*\*

\*\*Show relative location only (do not dimension or scale)

**Sage Grouse Habitat Conservation Program Certification:**

Is the proposed work located in core, general or connectivity sage grouse habitat, as designated by the Sage Grouse Habitat Conservation Program (Program) at <https://sagegrouse.mt.gov>.    Yes    No    If yes, attach the documentation from the Program showing compliance with Executive Order 12-2015 and the Program's recommendations, if any. This process can take between 40-65 days.

**Environmental Assessment:**

- |   | <b>Yes</b>               | <b>No</b>                |
|---|--------------------------|--------------------------|
| 1. Is the depth to groundwater less than 50 feet below ground surface?                            | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Is the distance to surface water less than 100 feet from the project boundary?                 | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is a domestic well located within 100 feet of the project boundary?                            | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Is any portion of a public sewage system located less than 100 feet from the project boundary? | <input type="checkbox"/> | <input type="checkbox"/> |

If you answered yes to **any** of these questions, you must submit an Environmental Assessment Questionnaire with your permit application.