Facility ID #:_____ Facility Name:_____ Location:_____ Permit #: _____

DEQ
Montana Department of Environmental Quality

Tank and Pipe Installation Supplement C

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 #	THIS LINE FOR OFFICE USE ONLY			
Tank Capacity (gallons)				
Substance Stored				
Tank Configuration	☐ Underground ☐ Aboveground (with underground piping)	☐ Underground ☐ Aboveground (with underground piping)	☐ Underground ☐ Aboveground (with underground piping)	☐ Underground ☐ Aboveground (with underground piping)
Tank Usage	☐ Emergency Generator ☐ Heating Oil ☐ Gasoline Retail ☐ Other_____	☐ Emergency Generator ☐ Heating Oil ☐ Gasoline Retail ☐ Other_____	☐ Emergency Generator ☐ Heating Oil ☐ Gasoline Retail ☐ Other_____	☐ Emergency Generator ☐ Heating Oil ☐ Gasoline Retail ☐ Other_____
Tank Material	☐ StiP3 ☐ FRP ☐ Clad ☐ Other_____	☐ StiP3 ☐ FRP ☐ Clad ☐ Other_____	☐ StiP3 ☐ FRP ☐ Clad ☐ Other_____	☐ StiP3 ☐ FRP ☐ Clad ☐ Other_____
Tank Construction	☐ Double-walled ☐ Multi-Compartment ☐ Other_____	☐ Double-walled ☐ Multi-Compartment ☐ Other_____	☐ Double-walled ☐ Multi-compartment ☐ Other_____	☐ Double-walled ☐ Multi-compartment ☐ Other_____
Tank Manufacturer				
Tank Leak Detection	☐ GW Monitoring ☐ Vapor Monitoring ☐ Interstitial ☐ ATG ☐ Other_____	☐ GW Monitoring ☐ Vapor Monitoring ☐ Interstitial ☐ ATG ☐ Other_____	☐ GW Monitoring ☐ Vapor Monitoring ☐ Interstitial ☐ ATG ☐ Other_____	☐ GW Monitoring ☐ Vapor Monitoring ☐ Interstitial ☐ ATG ☐ Other_____
Tank Corrosion Protection	☐ Galvanic ☐ Impressed Current ☐ Non-corrodible	☐ Galvanic ☐ Impressed Current ☐ Non-corrodible	☐ Galvanic ☐ Impressed Current ☐ Non-corrodible	☐ Galvanic ☐ Impressed Current ☐ Non-corrodible
Spill Prevention	☐ Spill bucket ☐ Other_____	☐ Spill bucket ☐ Other_____	☐ Spill bucket ☐ Other_____	☐ Spill bucket ☐ Other_____
Overfill Prevention (indicate all)	☐ Ball Float ☐ Audible Alarm ☐ Positive Shutoff ☐ Other_____	☐ Ball Float ☐ Audible Alarm ☐ Positive Shutoff ☐ Other_____	☐ Ball Float ☐ Audible Alarm ☐ Positive Shutoff ☐ Other_____	☐ Ball Float ☐ Audible Alarm ☐ Positive Shutoff ☐ Other_____
Product Pipe Material	☐ Flexible ☐ FRP ☐ Steel with CP ☐ Other_____	☐ Flexible ☐ FRP ☐ Steel with CP ☐ Other_____	☐ Flexible ☐ FRP ☐ Steel with CP ☐ Other_____	☐ Flexible ☐ FRP ☐ Steel with CP ☐ Other_____
Product Pipe Construction	☐ Double-walled ☐ Single-walled ☐ Other_____	☐ Double-walled ☐ Single-walled ☐ Other_____	☐ Double-walled ☐ Single-walled ☐ Other_____	☐ Double-walled ☐ Single-walled ☐ Other_____
Pipe Manufacturer				

Type of Pipe	☐ Gravity ☐ Pressurized ☐ Safe Suction ☐ U.S. Suction	☐ Gravity ☐ Pressurized ☐ Safe Suction ☐ U.S. Suction	☐ Gravity ☐ Pressurized ☐ Safe Suction ☐ U.S. Suction	☐ Gravity ☐ Pressurized ☐ Safe Suction ☐ U.S. Suction
Pipe Leak Detection	Interstitial Monitoring ☐Continuous ☐Manual ☐ Safe Suction (self-testing) ☐ Tightness Test ☐ Leak Detector ☐ GW Monitoring ☐ Vapor Monitoring ☐ Other____________	Interstitial Monitoring ☐Continuous ☐Manual ☐ Safe Suction (self-testing) ☐ Tightness Test ☐ Leak Detector ☐ GW Monitoring ☐ Vapor Monitoring ☐ Other____________	Interstitial Monitoring ☐Continuous ☐Manual ☐ Safe Suction (self-testing) ☐ Tightness Test ☐ Leak Detector ☐ GW Monitoring ☐ Vapor Monitoring ☐ Other____________	Interstitial Monitoring ☐Continuous ☐Manual ☐ Safe Suction (self-testing) ☐ Tightness Test ☐ Leak Detector ☐ GW Monitoring ☐ Vapor Monitoring ☐ Other____________
Pipe Corrosion Protection	☐ Galvanic ☐ Impressed Current ☐ Non-corrodible	☐ Galvanic ☐ Impressed Current ☐ Non-corrodible	☐ Galvanic ☐ Impressed Current ☐ Non-corrodible	☐ Galvanic ☐ Impressed Current ☐ Non-corrodible
Vent Pipe Material	☐ Flexible ☐ FRP ☐ Steel with CP ☐ Other____________	☐ Flexible ☐ FRP ☐ Steel with CP ☐ Other____________	☐ Flexible ☐ FRP ☐ Steel with CP ☐ Other____________	☐ Flexible ☐ FRP ☐ Steel with CP ☐ Other____________
GPS Coordinates http://svc.mt.gov/deq/wmadst	Latitude: ___________ Longitude: __________	Latitude: ___________ Longitude: __________	Latitude: ___________ Longitude: __________	Latitude: ___________ Longitude: __________

☐ **Yes** ☐ **No If this is not a new or replacement piping installation, _are dispensers being replaced, OR significant modifications made to the concrete at the dispenser island OR is product piping repaired or replaced at an associated dispenser island_ as part of this permit application?**

☐ **Yes** ☐ **No If yes to the above question, have you shown location of under dispenser containment that must include interstitial monitoring on site plan (may be manual or continuous interstitial monitoring)?**

Design Checklist for proposed installation:

☐ **Yes Is 50% or more length of an existing piping run being replaced as part of this permit request?**
NOTE: If yes, then entire length of product piping must be replaced with secondarily contained piping, liquid tight sumps at each piping end and employ Continuous Interstitial Monitoring.

☐ Describe all in-tank leak detection equipment

☐ ATG make/model ________________________ ☐ Probe Series ___________________________

How is the ATG programmed? (indicate all)

☐ 0.1 gph static test ☐ 0.2 gph static test ☐ 0.2 gph monthly CITLDS

☐ Programmed test interval ____

☐ Describe all tank interstitial leak detection equipment

☐ LD panel make/model ______________________ ☐ Sensor series __________________________

☐ Describe all pressurized line leak detection equipment

☐ LD panel make/model _____________________ ☐ Sensor series __________________________

☐ Length of each pipe run protected by line leak detector for each tank system

______________ ______________ ______________ ______________

☐ 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 (sensor, make and model)

____

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

☐ Include float out calculation report (to PEI/RP 100 or manufacturer's specifications) and description of tank hold-down method. Include corrosion protection (if required) of any metal components.

☐ 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 pipe and method of connections_____

_____

☐ Total length of each new product piping run _____ _____ _____ _____

☐ Make and 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 ☐ Scale or dimensions ☐ North arrow
☐ Major site features ☐ Direction of ground slope ☐ GPS coordinates of UST
☐ 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 UST system(s)

For each **existing** UST system, locate the following elements by dimension or scaled in place:

☐ Tanks (AST and UST) ☐ Product pipe* ☐ Dispensers ☐ 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, locate the following elements by dimension or scaled in place.

For Tank(s), show:

☐ Tank(s) ☐ All Tank Risers** ☐ All leak detection monitoring equipment**
☐ Vent piping ☐ Tank nest cross-section and tank anchoring details
☐ All corrosion protection equipment associated with tank(s)**
☐ Sump(s) at connection of product piping to tank

For Pipe(s), show:

☐ Product Pipe(s)
☐ Sump(s)
☐ All leak detection monitoring equipment**
☐ All corrosion protection equipment associated with pipe(s)**
☐ Line leak detector if not installed in STP housing**
☐ Flex connectors and method of corrosion protection**
☐ Dispenser(s)
☐ 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 the location of 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:	**Yes**	**No**
1. Is the depth to groundwater less than 50 feet below ground surface?	☐	☐
2. Is the distance to surface water less than 100 feet from the project boundary?	☐	☐
3. Is a domestic well located within 100 feet of the project boundary?	☐	☐
4. Is any portion of a public sewage system located less than 100 feet from the project boundary?	☐	☐

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