



Saint Louis County

Environmental Services Department - Onsite Wastewater Division 1-800-450-9278

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Virginia: 201 S 3rd Ave W, Virginia, MN 55792 (218) 749-0625

OPERATING PERMIT WORKSHEET FOR FREEZING OR FROZEN SOIL INSTALLATION

APPLICANT: _____ DATE: _____

SITE ADDRESS: _____

SYSTEM DESIGNER: _____

Reason for Operating Permit (OP) Application:

- _____ Holding Tank
- _____ Operation and maintenance requirements
- _____ Lack of expansion area
- _____ Sub-standard or limited flow requirements
- _____ Previous failure
- _____ Commercial establishment/High Waste strength
- _____ Freezing or Frozen Soil Installation
- _____ Other _____

System description: _____

Proposed maintenance requirements:

Frequency

_____	_____
_____	_____
_____	_____
_____	_____

Proposed monitoring requirements:

Frequency

Limits

(Check all that apply)

- | | | |
|--|-------|-------|
| _____ Incoming flows | _____ | _____ |
| _____ Pump run times | _____ | _____ |
| _____ Event counter | _____ | _____ |
| _____ Surface failure/noxious odors inspection | _____ | _____ |
| _____ Alarms | _____ | _____ |

End of pipe inspections

- | | | |
|-------------------------|-------|-------|
| _____ BOD ⁵ | _____ | _____ |
| _____ TSS | _____ | _____ |
| _____ Fecal Coliform | _____ | _____ |
| _____ FOG | _____ | _____ |
| _____ Total Nitrogen | _____ | _____ |
| _____ Total Phosphorous | _____ | _____ |

_____	General system operating condition	_____	_____
_____	External pumping records	_____	_____
_____	Other _____	_____	_____

OPERATING PERMIT WORKSHEET

Proposed management option:

_____	Homeowner		
_____	ISTS Construction contractor:	Name: _____	License # _____
_____	O&M Contractor:	Name: _____	License # _____

Proposed reporting method:

_____	Internet
_____	Written report
_____	Other (specify) _____

Proposed reporting frequency:

_____	Monthly
_____	Yearly
_____	Biannually
_____	Length of permit
_____	No report required

Proposed contingency plan: _____

Comments: _____

Homeowner Options

Installer must provide the homeowner with the following system installation options:

1. Installation during freezing or frozen soil conditions will classify the SSTS as a non-standard Type III system and require it be placed on an OP for five (5) years with the following conditions:
 - Homeowner will be responsible for the recurring system operation and maintenance (O&M) at the predetermined intervals. The O&M must be completed by a certified third-party Service Provider.
 - The first O&M must occur during the unfrozen soil season following system installation, then two (2) years after the first O&M and, again, four (4) years after the first O&M.

E.g. System installed 2/19/20. The first O&M takes place during the unfrozen soil season of 2020. The second O&M takes place during the unfrozen soil season of 2022. The final O&M takes place during the unfrozen soil season of 2024.
 - Should the final O&M determine the system is compliant and functioning as designed, the system may not require further OP renewals, but will remain a Type III for the life of the system.
 - If the system is transferred during a Point of Sale (Ordinance 61 ARTICLE VIII, SECTION 2.0 COMPLIANCE INSPECTION PROGRAM 2.07) or through a transfer agreement, it is the responsibility of the current owner to inform the potential buyer of the current status of the system and the OP requirements;

OR,

2. Install the system under Type I (7080.2200) conditions, which does not require an OP;

OR,

3. Install the septic tank(s) during freezing or frozen soil conditions and wait to install the drainfield under Type I conditions. The tank(s) will be placed on a Holding Tank OP until the remainder of the system is installed.

Signatures:

Designer: _____ Date: _____

Homeowner: _____ Date: _____