

# Compliance Inspection Form

## Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

**Inspection results** based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also apply.

For local tracking purposes:

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

### System Status

System status on date (mm/dd/yyyy): 06/21/2017

**Compliant – Certificate of Compliance**  
(Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)

**Noncompliant – Notice of Noncompliance**  
(See Upgrade Requirements on page 3.)

#### Reason(s) for noncompliance (check all applicable)

- Impact on Public Health (Compliance Component #1) – Imminent threat to public health and safety
  - Other Compliance Conditions (Compliance Component #3) – Imminent threat to public health and safety
  - Tank Integrity (Compliance Component #2) – Failing to protect groundwater
  - Other Compliance Conditions (Compliance Component #3) – Failing to protect groundwater
  - Soil Separation (Compliance Component #4) – Failing to protect groundwater
  - Operating permit/monitoring plan requirements (Compliance Component #5) – Noncompliant

### Property Information

Parcel ID# or Sec/Twp/Range: 33.032.20.31.0020

Property address: 12636 182<sup>nd</sup> St N Marine on St Croix, MN 55047 Reason for inspection: property sale

Property owner: Karen Mergener Owner's phone: 651-433-2463

or  
Owner's representative: \_\_\_\_\_ Representative phone: \_\_\_\_\_

Local regulatory authority: Washington County Regulatory authority phone: 651-430-6655

Brief system description: 1200 gallon septic tank & 1000 gallon pump tank lifting to 380 SF rock trench, gravity drainfield located on the high area on the south side of 182<sup>nd</sup> St.

#### Comments or recommendations:

The 1000 gallon pump tank was leaking and taking in ground water. Peterson Excavating pumped the tank and repaired the leak.

### Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

Inspector name: Tom Trooien Certification number: 323

Business name: All State Septic Services LLC License number: 1568

Inspector signature:  Phone number: 612-594-4496

## Necessary or Locally Required Attachments

- Soil boring logs     
  System/As-built drawing     
  Forms per local ordinance  
 Other information (list): \_\_\_\_\_

Property address: 12636 182nd St N Marine on St Croix, MN 55047

Inspector initials/Date: TT | 6/21/2017  
(mm/dd/yyyy)

### 1. Impact on Public Health – Compliance component #1 of 5

#### Compliance criteria:

System discharges sewage to the ground surface.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System discharges sewage to drain tile or surface waters.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System causes sewage backup into dwelling or establishment.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Any "yes" answer above indicates the system is an imminent threat to public health and safety.**

Comments/Explanation:

#### Verification method(s):

- Searched for surface outlet  
 Searched for seeping in yard/backup in home  
 Excessive ponding in soil system/D-boxes  
 Homeowner testimony (See Comments/Explanation)  
 "Black soil" above soil dispersal system  
 System requires "emergency" pumping  
 Performed dye test  
 Unable to verify (See Comments/Explanation)  
 Other methods not listed (See Comments/Explanation)

### 2. Tank Integrity – Compliance component #2 of 5

#### Compliance criteria:

System consists of a seepage pit, cesspool, drywell, or leaching pit. <i>Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth. If yes, which sewage tank(s) leaks:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**Any "yes" answer above indicates the system is failing to protect groundwater.**

Comments/Explanation:

#### Verification method(s):

- Probed tank(s) bottom  
 Examined construction records  
 Examined Tank Integrity Form (Attach)  
 Observed liquid level below operating depth  
 Examined empty (pumped) tanks(s)  
 Probed outside tank(s) for "black soil"  
 Unable to verify (See Comments/Explanation)  
 Other methods not listed (See Comments/Explanation)

### 3. Other Compliance Conditions – Compliance component #3 of 5

- a. Maintenance hole covers are damaged, cracked, unsecured, or appear to be structurally unsound.  Yes\*  No  Unknown  
 b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety.  Yes\*  No  Unknown  
**\*System is an imminent threat to public health and safety.**

Explain:

- c. System is non-protective of ground water for other conditions as determined by inspector.  Yes\*  No  
**\*System is failing to protect groundwater.**

Explain:

Property address: 12636 182nd St N Marine on St Croix, MN 55047

Inspector initials/Date: TT | 6/21/2017  
(mm/dd/yyyy)

4. Soil Separation – Compliance component #4 of 5

1973 septic tank.  
Drainfield was disconnected & pump tank & new drainfield in 1989  
(mm/dd/yyyy)

Date of installation:  Unknown

Shoreland/Wellhead protection/Food beverage lodging?  Yes  No

Compliance criteria:

For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment:  Yes  No

Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.

Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment:  Yes  No

Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.\*

"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080, 2350 or 7080.2400 (Advanced Inspector License required)  Yes  No

Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

Verification method(s):

Soil observation does not expire. Previous soil observations by two independent parties are sufficient, unless site conditions have been altered or local requirements differ.

- Conducted soil observation(s) (Attach boring logs)
 Two previous verifications (Attach boring logs)
 Not applicable (Holding tank(s), no drainfield)
 Unable to verify (See Comments/Explanation)
 Other (See Comments/Explanation)

Comments/Explanation:

0-6t med/fine sand.....5 YR 4/3
6-35 loamy sand.....10 YR 3/4
35-64 sand.....7.5 YR 5/4
64-76 fine sand.....10 YR 4/6

Indicate depths or elevations

Table with 2 columns: Description (A. Bottom of distribution media, B. Periodically saturated soil/bedrock, C. System separation, D. Required compliance separation\*) and Value (24-36, 40, 36)

\*May be reduced up to 15 percent if allowed by Local Ordinance.

Any "no" answer above indicates the system is failing to protect groundwater.

5. Operating Permit and Nitrogen BMP\* – Compliance component #5 of 5  Not applicable

Is the system operated under an Operating Permit?  Yes  No If "yes", A below is required

Is the system required to employ a Nitrogen BMP?  Yes  No If "yes", B below is required

BMP = Best Management Practice(s) specified in the system design

If the answer to both questions is "no", this section does not need to be completed.

Compliance criteria

- a. Operating Permit number: n/a
Have the Operating Permit requirements been met?  Yes  No
b. Is the required nitrogen BMP in place and properly functioning?  Yes  No

Any "no" answer indicates Noncompliance.

Upgrade Requirements (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, repaired, replaced, or its use discontinued, notwithstanding any local ordinance that is more strict. This provision does not apply to systems in shoreland areas, Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.

