



Minnesota Pollution Control Agency

520 Lafayette Road North
St. Paul, MN 55155-4194

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.

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

For local tracking purposes:

System Status

System status on date (mm/dd/yyyy): 9/7/2020

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: 12.031.20.31.0002

Property address: 140 West Maher Dr Marine on St Croix, MN 55047 Reason for inspection: property sale

Property owner: Anthony & Kim Curtis Owner's phone: 651-247-0843

Owner's representative: _____ Representative phone: _____

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

Brief system description: Two septic tanks and a gravity, gravelless drainfield.

Comments or recommendations:

The gravelless drainfield is functioning but almost saturated. Any increase in water usage could cause effluent to back-up or surface.

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: *Tom Trooien* Phone number: 612-594-4496

Necessary or Locally Required Attachments

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

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

Compliance criteria:		Verification method(s):
System discharges sewage to the ground surface.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Searched for surface outlet
System discharges sewage to drain tile or surface waters.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Searched for seeping in yard/backup in home
System causes sewage backup into dwelling or establishment.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Excessive ponding in soil system/D-boxes
<p>Any “yes” answer above indicates the system is an imminent threat to public health and safety.</p>		<input checked="" type="checkbox"/> Homeowner testimony (See Comments/Explanation)
		<input type="checkbox"/> “Black soil” above soil dispersal system
<p>Comments/Explanation: The gravelless drainfield is functioning but almost saturated. Any increase in water usage could cause effluent to back-up or surface.</p>		<input type="checkbox"/> System requires “emergency” pumping
		<input type="checkbox"/> Performed dye test
		<input type="checkbox"/> Unable to verify (See Comments/Explanation)
		<input type="checkbox"/> Other methods not listed (See Comments/Explanation)

2. Tank Integrity – Compliance component #2 of 5

Compliance criteria:		Verification method(s):
System consists of a seepage pit, cesspool, drywell, or leaching pit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Probed tank(s) bottom
<i>Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.</i>		<input checked="" type="checkbox"/> Examined construction records
Sewage tank(s) leak below their designed operating depth.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Examined Tank Integrity Form (Attach)
If yes, which sewage tank(s) leaks:		<input type="checkbox"/> Observed liquid level below operating depth
<p>Any “yes” answer above indicates the system is failing to protect groundwater.</p>		<input type="checkbox"/> Examined empty (pumped) tanks(s)
		<input type="checkbox"/> Probed outside tank(s) for “black soil”
<p>Comments/Explanation:</p>		<input type="checkbox"/> Unable to verify (See Comments/Explanation)
		<input type="checkbox"/> 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:

4. Soil Separation – Compliance component #4 of 5

Date of installation: 10/28/1998 Unknown
(mm/dd/yyyy)

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.

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

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:

0-10 topsoil.....10YR 3/2
10-26 loamy sand10YR 3/3
26-51 sand.....10YR 4/3
51-72 course sand/rock.....10YR 4/4

Indicate depths or elevations

A. Bottom of distribution media	2.5
B. Periodically saturated soil/bedrock	6
C. System separation	3.5
D. Required compliance separation*	3

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

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.

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140 WEST MAHER DR
MARINE ON ST CROIX, MN
55047

9/7/20

