

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): 3/4/2017

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
 - Sol. 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: 24.029.21.12.0030

Property address: 2986 30th St Circle N Lake Elmo MN 55042

Reason for inspection: property sale

Property owner: Tedd & Stephanie Solheid

Owner's phone: _____

Owner's representative: Duff Kruger, Duffsold Inc. Realty

Representative phone: 651-231-7653

Local regulatory authority: Washington County

Regulatory authority phone: 651-430-6673

Brief system description: 2 1000 gallon septic tanks, 1000 gallon pump tank & 1200 sf pressure bed drainfield.

Comments or recommendations:

septic tanks last pumped in December, 2015. Pump & alarm replaced in 2016.

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:

System discharges sewage to the ground surface. Yes No

System discharges sewage to drain tile or surface waters. Yes No

System causes sewage backup into dwelling or establishment. Yes 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. Yes No

Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.

Sewage tank(s) leak below their designed operating depth. Yes No

If yes, which sewage tank(s) leaks:

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:

4. Soil Separation – Compliance component #4 of 5

Date of Installation: 9/16/1999 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Compliance criteria:

For systems built prior to April 1, 1996, and nonlocated 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, 7050 or 7060, 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:

Indicate depths or elevations

A. Bottom of distribution media	12-14
B. Periodically saturated soil/bedrock	50
C. System separation	36
D. Required compliance separation*	36

*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.

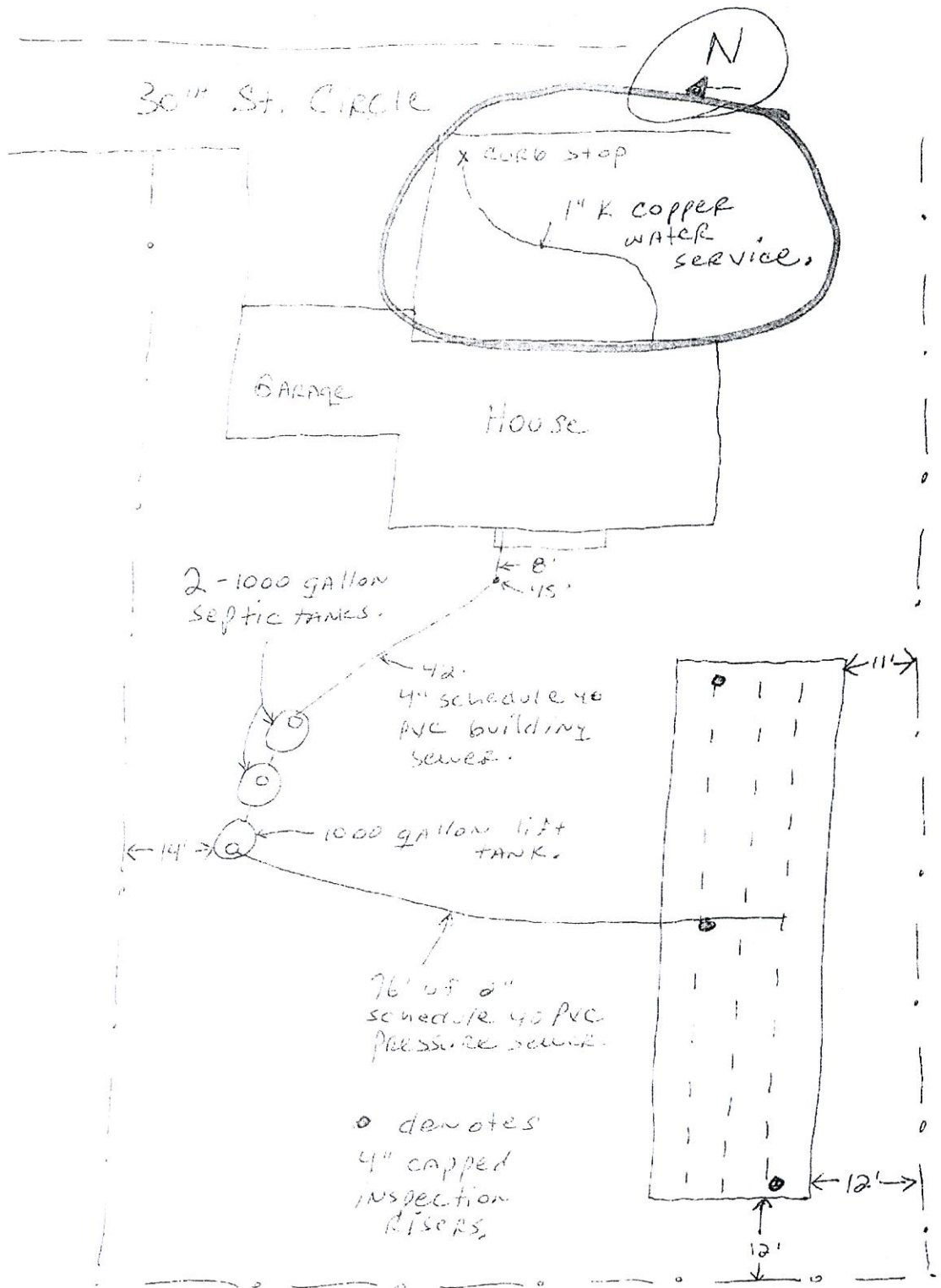
Compliance criteria

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 groundwater, 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.



Septic System Installed &
 Inspected on 9/16/99
Water line Installed &
 Inspected on 9/15/99

Tom Pauen

Log Of Soil Borings

Location of Project:		2986 30th Street Circle, Lake Elmo, MN 55042	
Borings Made By:		Inspect Minnesota	Date: 4/17/10
Auger Used:		Hand/Bucket	Classification System: USDA
Boring Number:		1	Boring Number:
Surface Elevation of Boring	4 inches below ground surface at cent of seepage bed at west end		Surface Elevation of Boring
Depth In Inches	<u>Soils Encountered</u>	Depth In Inches	<u>Soils Encountered</u>
0-8	7.5YR 2.5/2 Sil Loam (Fill)		
8-12	10YR 4/4 Sil Loam (Fill W/Fill Mottles)		
12-28	10YR 2/2 Silt Loam (Original Topsoil)		
28-50	10YR 4/4 Clay Loam		
50-62	10YR 4/4 Clay Loam With 7.5YR 5/8 & 10YR 6/3 Mottles/Redox		
50"	Depth To End Of Boring Or Mottled Soils		Depth To End Of Boring Or Mottled Soils
+4"	Elevation Of Boring Relative To System		Elevation Of Boring Relative To System
-19"	Depth To Bottom Of System		Depth To Bottom Of System
=35"	Of Separation		Of Separation
End Of Boring At:		62"	End Of Boring At:
Mottled Soil Present At:		50"	Mottled Soil Present At:
Standing Water Present At:		None	Standing Water Present At:

Bottom Of Distribution Medium At: 19 Inches

