

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): 11/12/2016

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: 08.029.20.23.0007

Property address: 4570 Neal Ave N, Stillwater, MN 55082 Reason for inspection: property sale

Property owner: William Britton Etzold Trs Owner's phone: _____

or

Owner's representative: Carmel Carver, Coldwell Banker Burnet Realty Representative phone: 651-430-7761

Local regulatory authority: Washington County Regulatory authority phone: 651-430-6673

Brief system description: 1500 gallon septic tank & 1,200 SF rock trench gravity drainfield.

Comments or recommendations:

Tank was last pumped on 8/27/14. Low spot in the yard near the drainfield appears damp. Ran water through the system for approximately 2.5 hours & observed no signs of surfacing.

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): _____

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:

4. Soil Separation – Compliance component #4 of 5

Date of installation: 9/9/1992 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.

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	48
B. Periodically saturated soil/bedrock	
C. System separation	36"
D. Required compliance separation*	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 Yes No
Have the Operating Permit requirements been met?
- 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.

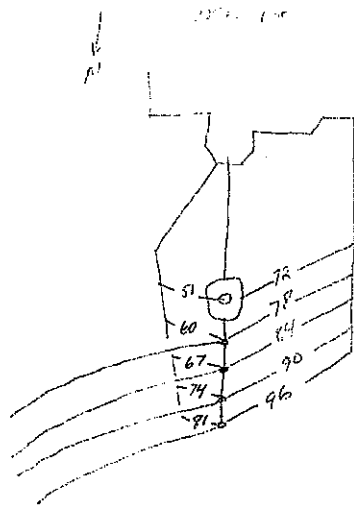
Cesspools, Septic Tanks, Sewers, Sumps, Drain Fields Cleaned, Installed and Repaired



AAA POLLUTION CONTROL

1525 SO. STERLING AVENUE
ST. PAUL, MINNESOTA 55119
PHONE: 739-9341

DENNIS R. SCHLOMKA



LOGS OF SOIL BORINGS

LOCATION: LOT 6, BLK 1, McDONALD LAKE

DATE OF BORINGS: 7/7/92

BORING MADE BY: D. SCHLIMKA

DEPTH : BORING # B3		DEPTH : BORING # B4	
IN	ELEV.	IN	ELEV.
0		0	
1		1	
2	TOP SOIL	2	TOP SOIL
3		3	
4		4	REDDISH SAND/LOAM/TR. CLAY
5	SANDY LOAM/LARGE GRAVEL	5	SANDY LOAM/TR. GRAVEL
6		6	
7		7	
8	SAND/TRACE LOAM	8	SAND/LIGHT GRAVEL

END OF BORING @ 8.00 FEET.

END OF BORING @ 8.00 FEET.

WATER TABLE PRESENT- NO

WATER TABLE PRESENT- NO

MOTTLED SOIL PRESENT- NO

MOTTLED SOIL PRESENT- NO

OBSERVATIONS AND COMMENTS-BORINGS MADE WITH BACKHOE

LOGS OF SOIL BORINGS

LOCATION: LOT 6, BLK 1, McDONALD LAKE

DATE OF BORINGS: 7/1/92

2ND TRST AREA

BORING MADE BY: D. SCHLÖMKA

DEPTH IN FEET	BORING # B1 ELEV.	DEPTH IN FEET	BORING # B2 ELEV.
0		0	
1	TOP SOIL	1	
2		2	TOP SOIL
3		3	
4	SANDY LOAM/TRACE CLAY	4	REDDISH SANDY LOAM/MED. GRAV
5	SANDY LOAM	5	
6		6	
7		7	
8	TAN SAND	8	SAND/LIGHT GRAVEL

END OF BORING @ 8.00 FEET.

END OF BORING @ 8.00 FEET.

WATER TABLE PRESENT- NO

WATER TABLE PRESENT- NO

MOTTLED SOIL PRESENT- NO

MOTTLED SOIL PRESENT- NO

OBSERVATIONS AND COMMENTS-BORINGS MADE WITH BACKHOE

LOT 6 BLOCK 1

BORING LOG

BORING 1	BORING 2
0-9" DARK BROWN FINE SANDY LOAM	0-7" DARK BROWN FINE SANDY LOAM
9"-40" BROWN FINE SANDY LOAM	7"-36" BROWN FINE SANDY LOAM AND ROCKS
40"-66" LIGHT RED BROWN FINE SANDY LOAM MIXED WITH FINE LOAMY SAND	36"-6'0" LIGHT RED BROWN FINE LOAMY SAND AND ROCKS
66"-8'0" LIGHT RED BROWN FINE TO MEDIUM LOAMY SAND AND ROCKS	6'0" OBSTRUCTION END BORING
8'0" END BORING	

BORING LOG

BORING 3	BORING 4
0-7" DARK BROWN FINE SANDY LOAM	0-8" DARK BROWN FINE SANDY LOAM
7"-20" BROWN FINE SANDY LOAM	8"-38" BROWN FINE SANDY LOAM
20"-7'0" LIGHT RED BROWN FINE LOAMY SAND AND ROCKS	38"-7'0" LIGHT RED BROWN FINE LOAMY SAND AND ROCKS
7'0" OBSTRUCTION END BORING	7'0" OBSTRUCTION END BORING