

Steinbrecher Companies, Inc.

13792 247th Avenue – Zimmerman, MN 55398
Phone (763) 274-0925 Fax (763) 274-0928

Septic Compliance

Nov 16,16

Jim Schafhauser
10480 Perkins Ave N
Stillwater, MN 55082

Project: 10480 Perkins Ave N, Stillwater

A septic compliance was completed at the above address and the system is according to the M.P.C.A codes for chapter 7080, and local codes for The system has the following attributes:

Compliant
Washington Co

Date Built: 1997
Bedrooms: 4
Septic Tank: 2 - 1000g septic
Pump Tank: gravity
Soil Treatment: 3 trenches, 45',70',80'. Soil separation is adequate.
baffles were in place, naholes within 18" of the surface.
Inspection was visual on full tanks, effluent levels were correct.

Steinbrecher Companies, Inc. has been hired to perform a compliance inspection of your ISTS for compliance with local ordinances pursuant to Minn. Stat. § 155.55 (2010). The compliance criteria required by Minn. Stat. § 155.55 Subd. 5a (2010) and Minn R 7080.1500 (2011). A compliance inspection is a snapshot in time of your septic system and does not warrant the condition or longevity of your septic system. Steinbrecher Companies, Inc. disclaims any use of the compliance inspection beyond determining ISTS compliance pursuant to Minn. Stat. § 155.55 (2010).

Sincerely,



Robert Polgreen
Steinbrecher Companies, Inc.



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

Instructions: 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): 11/16/2016

- 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: 10.030.20.42.0001

Property Address: 10480 Perkins Ave N, Stillwater Reason for inspection: Owner's Request

Property Owner: Jim Schafhauser Owner's Phone: 612-282-9821

or

Owner's Representative: Josh Champ Representative Phone: 763-639-7292

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

Brief system description: 2 -1000g septic tanks, drain to 3 trenches, 45',70',80'.

Comments or recommendations:

Certification

I hereby certify that all 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: Robert Polgreen Certification number: 9037

Business Name: Steinbrecher Companies, Inc. License number: L2851

Inspector Signature: Phone number: (763) 274-0925

Necessary or Locally Required Attachments

- Soil boring logs System / As-built drawing Forms per local ordinance
- Other information (list): aerial photo, cover page

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

Compliance criteria:

System discharge sewage to the ground surface.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System discharge sewage to drain tile or surface waters.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System cause 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:

opened dropboxes, owner cleared sand from #3 and reset inspection tube.

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.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
See page pits meeting 7080.2550 may be compliant if allowed in local ordinance.	
Sewage tank(s) leak below their designed operating depth.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

If yes, which sewage tank(s) leaks:

Any "yes" answer above indicates the system is Failing to Protect Groundwater.

Comments/Explanation:

Visual inspection of full tanks. Effluent levels were correct, baffles were in place.

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 components #3 of 5

a. Maintenance hole covers are damaged, cracked, unsecured, or appear to 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 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: 1997 Unknown
Shoreland/Wellhead protection/Food Beverage Lodging? Yes No

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.

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: Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	<input type="checkbox"/> Yes <input type="checkbox"/> No
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: Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
"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) Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	<input type="checkbox"/> Yes <input type="checkbox"/> No

- Conduct 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 of elevations

A. Bottom of distribution media	30"
B. Periodically saturated soil/bedrock	72"
C. System separation	42"
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: _____ Have the Operating Permit requirements been met?	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. Is the required nitrogen BMP in place and properly functioning?	<input type="checkbox"/> Yes <input type="checkbox"/> 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 10 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.

Soil Boring Data

10480 Perkins Ave N, Stillwater

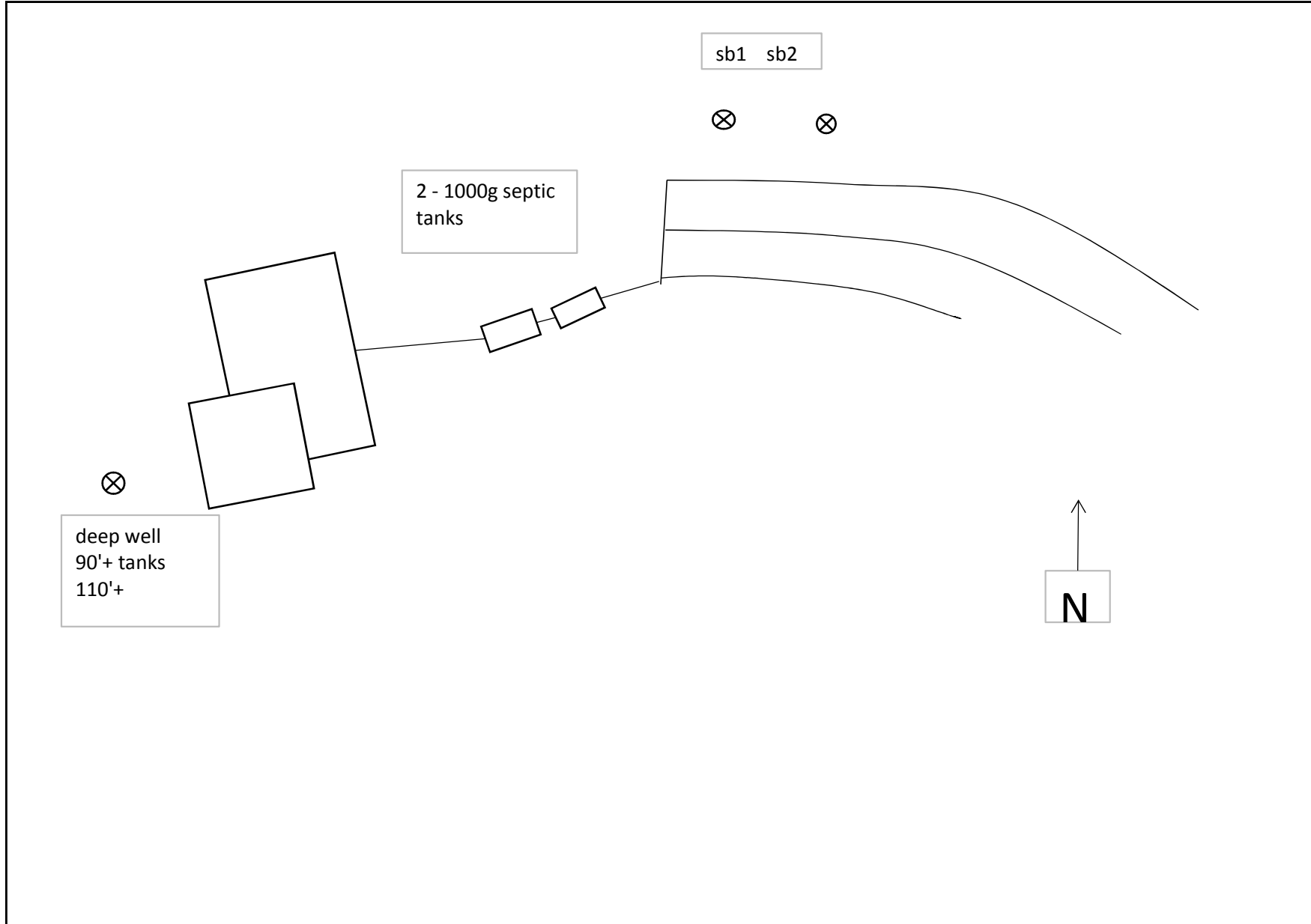
Boring 1		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure
0- 5"	loamy top soil, forest litter	10yr 3/3	sg
5 - 28"	silt loam	10yr 4/4	platy
stopped by rocks			

Boring 2		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure
0- 5"	loamy top soil, forest litter	10yr 3/3	sg
5 - 28"	silt loam	10yr 4/4	platy
28 - 72"	loamy sand	7.5yr4/6	sg
no redox found			

Boring 3		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure

Boring 4		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure

10480 Perkins Ave N, Stillwater



Google Maps



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