

# Steinbrecher Companies, Inc.

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

## Septic Compliance

June 29,2016

Renee Zugschwert  
3737 Sun Terrace  
White Bear Lake, MN 55110

**Project:** 10191 110th St 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:

Non-Compliant  
Washington County

Date Built:	1972
Bedrooms:	3
Septic Tank:	unknown size
Pump Tank:	gravity
Soil Treatment:	unknown type and dimensions. Soil separation is not adequate.

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): June 29, 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: 11.030.21.22.0001

Property Address: 10191 110th St N, Stillwater Reason for inspection: Owner's Request

Property Owner: Renee Zugschwert Owner's Phone: (612) 799-5401

or

Owner's Representative: \_\_\_\_\_ O Representative Phone: -

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

Brief system description: septic tank to unknown soil treatment.

Comments or recommendations:  
replace system.

No construction information available.

**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): cover page, aerial photo

**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:

**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:

tank is very deep (effluent at 9.5' below grade )  
no manhole.

**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:** 1972 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.

**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:  Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	<input type="checkbox"/> Yes <input checked="" 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 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:**  
 tank grade at observation tube = 100'  
 media bottom est from effluent level  
 B = redox in DF area, grade = 93.79'  
  
 possible cesspit, inaccessible depths.

**Indicate depths of elevations**

A. Bottom of distribution media	89.5'
B. Periodically saturated soil/bedrock	91.79'
C. System separation	negative
D. Required compliance separation*	24"

\*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: \_\_\_\_\_ 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 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**

10191 110th St N, Stillwater

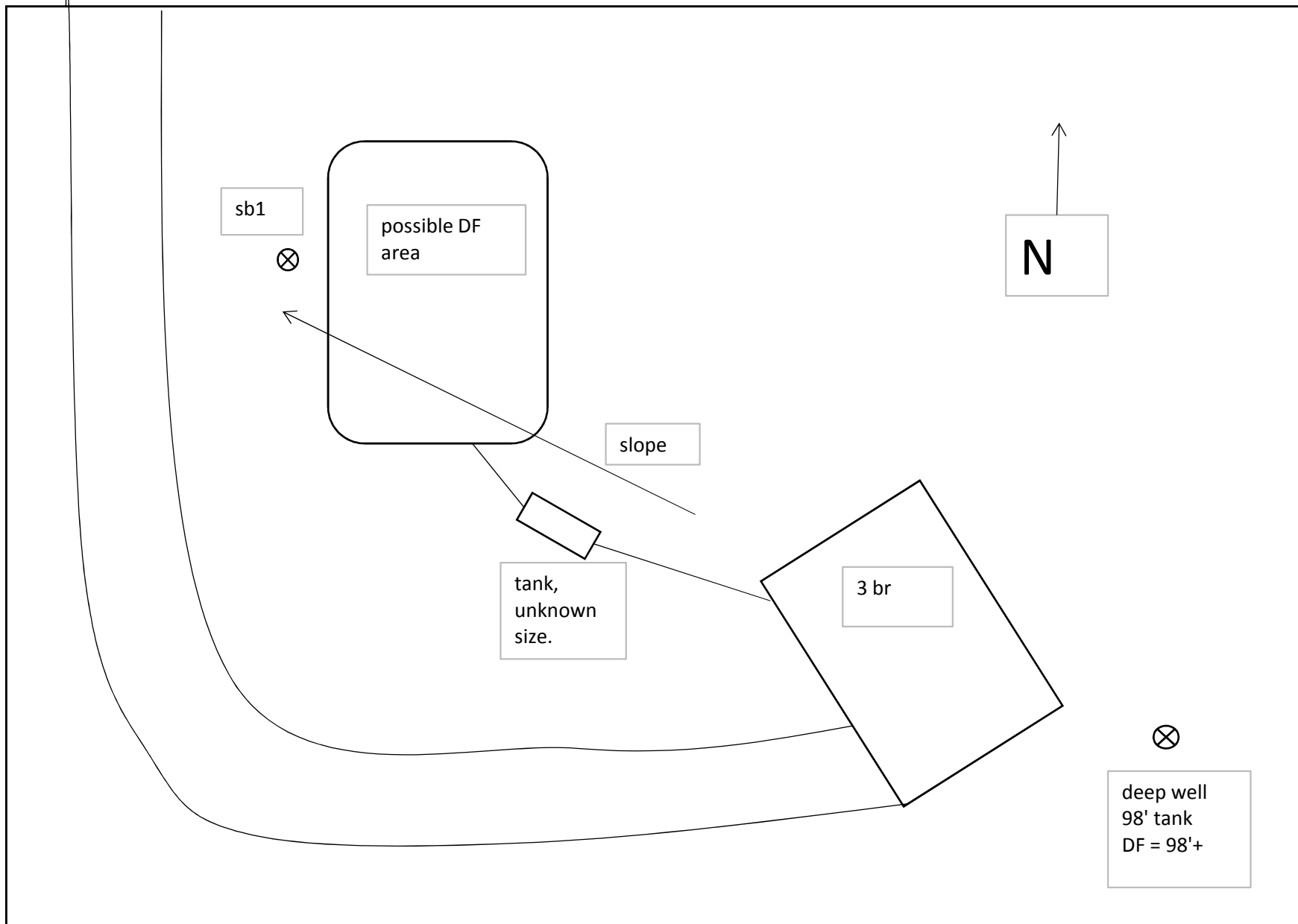
<b>Boring 1</b>		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure
0 -2"	loamy top soil	10yr 3/2	friable
2 - 14"	loose clay loam	10yr 7.54/4	loose
14 - 24"	clay	10yr 6/3	blocky
redox at 24"			

<b>Boring 2</b>		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure

<b>Boring 3</b>		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure

<b>Boring 4</b>		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure

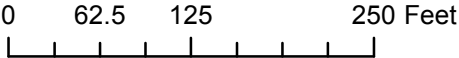
10191 110th St N, Stillwater





Parcel ID: 1103021220001

Parcel Address:  
10191 110TH ST N, CITY OF GRANT



**MAP FOR REFERENCE ONLY  
NOT A LEGAL DOCUMENT**

This drawing is the result of the compilation and reproduction of land records as they appear in various Washington County offices. The drawing should be used for reference purposes only. Washington County is not responsible for any inaccuracies.