

# Steinbrecher Companies, Inc.

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

## Septic Compliance

Date 8/14/2019

Jaime Scheerz  
20659 Jewel Ave N  
Forest Lake MN 55025

**Project:** 20659 Jewel Ave N, Forest Lake

Note: non compliant due to leakage from the pressure line just above the pump tank union.  
The break appears to be just outside of the riser.

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  
City of Forest Lake

Date Built:	1,986
Bedrooms:	3
Septic Tank:	1250g
Pump Tank:	1000g
Soil Treatment:	1 - 50' trench, 4 - 40' trenches.

Pump and alarm work. Most baffles obscured. Effluent levels in the tanks 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): 8/14/2019

- 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: 24-032-21-24-0009

Property Address: 20659 Jewel Ave N, Forest Lake Reason for inspection: Owner's Request

Property Owner: Jaime Scheerz Owner's Phone: 612.701.7926

or

Owner's Representative: Ed Dropps Representative Phone: 763.238.0696

Local regulatory authority: City of Forest Lake Regulatory authority phone: 651.209.9726

Brief system description: 1250g septic, 1000g pump to 5 trenches

Comments or recommendations:

Repair the pressure line.

**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:

opened 4 Of 5 instection tubes, 5th not found. 2 were active, 2 were dry.

**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:

effluent levels were correct, pump and alarm work.

When the pump pressures the line to the trenches, considerable flow occurs from outside the riser.

**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:** 1986  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:

SB taken just below the 50' trench

**Indicate depths of elevations**

A. Bottom of distribution media	32"
B. Periodically saturated soil/bedrock	68"
C. System separation	36"
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**

20659 Jewel Ave N, Forest Lake

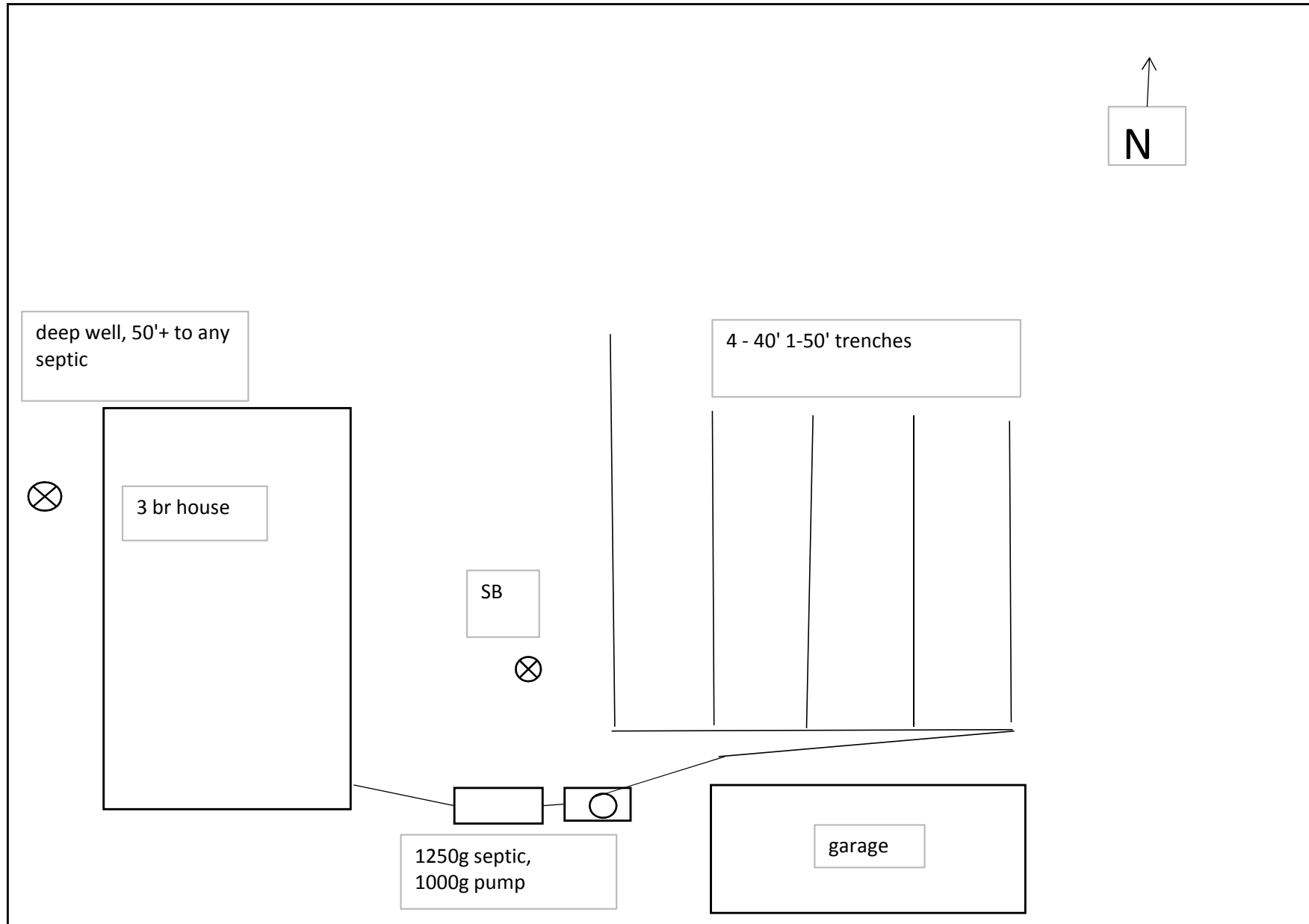
<b>B-1</b>		Elevation:	Location:
Soil Horizons Depth (inches)	Texture	Color	Structure
0 -10"	loamy sand, stones	10yr3/3	sg
10 - 58"	sand	10yr4/4	sg
58 - 68"	sand	10yr6/4	sg
no redox found			

<b>B-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





































20659 Jewel Ave N, Forest Lake



Soil Map—Washington County, Minnesota



### MAP LEGEND

- Area of Interest (AOI)**
-  Area of Interest (AOI)
- Soils**
-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points
- Special Point Features**
-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Washington County, Minnesota  
 Survey Area Data: Version 14, Oct 9, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 3, 2015—Sep 13, 2016

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
159	Anoka loamy fine sand, 0 to 3 percent slopes	0.1	4.5%
896C	Mahtomedi-Kingsley complex, 3 to 12 percent slopes	1.2	95.5%
<b>Totals for Area of Interest</b>		<b>1.2</b>	<b>100.0%</b>