

Steinbrecher Companies, Inc.

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

ROLL-OFFS ♦ SEPTIC SYSTEMS ♦ EXCAVATING
LANDSCAPING ♦ DEMOLITION

3/8/2022

Septic Compliance

Cassie Sanetra
11555 Hillcrest Court N,
Dellwood, MN 55110

Project: 11555 Hillcrest Court N, Dellwood, MN 55110

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

Date Built:	Unknown
Bedrooms:	3
Septic Tank:	(2) 1000 gallon
Pump Tank:	1000 gallon
Soil Treatment:	Mound system

The tanks were pumped and inspected by Olsons Sewer Service on 3/3/2022. View the attached tank integrity form.

Washington County has no permit or construction files for this system. Some attributes of the system are unknown such as the exact size and dimensions of the mound system.

At the time of our compliance, the pump and alarm were verified and functioned properly. Water was pumped to the mound for approximately 4 minutes. It appeared that the Southern inspection pipe on the mound had minor ponding. No system discharge was observed.

At the time of our compliance, 2 soil borings were completed. SB1(97.9') was conducted to verify redox and system separation. Redox was observed at 26" or an elevation of 95.74'. SB2 was conducted through the mound to verify the amount of mound sand and the elevation of native grade below the mound. The mound has approximately 16 inches of clean sand below the rock bed. Native grade below the mound is at 97.92'. The bottom of the distribution media was established by probe and inspection pipes. The bottom of the distribution media is at elevation 99.3'.

The homeowner has stated they have experienced no issues with the system.

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,



Zach Jocelyn
Steinbrecher Companies, Inc.

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at <https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf>.

Property information

Local tracking number: _____

Parcel ID# or Sec/Twp/Range: 05-03-021-240-003 Reason for Inspection Property Transfer

Local regulatory authority info: Washington County 651-430-6655

Property address: 11555 Hillcrest Court N, Dellwood

Owner/representative: Cassie Sanetra Owner's phone: 612-309-1280

Brief system description: (2) 1,000-gallon septic tanks and a 1000-gallon pump tank. Exact size of mound area and rock bed are unknown. Approximately 16 inches of clean sand under mound rock bed.

System status

System status on date (mm/dd/yyyy): 3/03/2022

Compliant – Certificate of compliance*

(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)

***Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.**

Noncompliant – Notice of noncompliance

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

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 or under section 145A.04 subdivision 8.

Reason(s) for noncompliance (check all applicable)

- Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- Other Compliance Conditions (Compliance component #3) – *Failing to protect groundwater*
- System not abandoned according to Minn. R. 7080.2500 (Compliance component #3) – *Failing to protect groundwater*
- Soil separation (Compliance component #5) – *Failing to protect groundwater*
- Operating permit/monitoring plan requirements (Compliance component #4) – *Noncompliant - local ordinance applies*

Comments or recommendations

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.

By typing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.

Business name: Steinbrecher Companies Inc Certification number: 3399

Inspector signature: Zach Jocelyn License number: 2851

(This document has been electronically signed)

Phone: 763-274-0925

Necessary or locally required supporting documentation (must be attached)

- Soil observation logs
- System/As-Built
- Locally required forms
- Tank Integrity Assessment
- Operating Permit
- 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

Attached supporting documentation:

- Other: _____
- Not applicable

Any "yes" answer above indicates the system is an imminent threat to public health and safety.

Describe verification methods and results: Ran water into mound system, checked for discharge. Observed no system discharge. Home owner has stated they have experienced no issues with the system.

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
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:	

Attached supporting documentation:

- Empty tank(s) viewed by inspector
- Name of maintenance business: _____
- License number of maintenance business: _____
- Date of maintenance: _____
- Existing tank integrity assessment (Attach)
- Date of maintenance (mm/dd/yyyy): 3/03/2022
(must be within three years)
- (See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))
- Tank is Noncompliant (pumping not necessary – explain below)
- Other: _____

Any "yes" answer above indicates the system is failing to protect groundwater.

Describe verification methods and results:

Tanks pumped and inspected by Olson's Sewer Service, Inc. view the attached tank integrity assessment.

3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

Yes* No Unknown

3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety? Yes* No Unknown

*Yes to 3a or 3b - System is an imminent threat to public health and safety.

3c. System is non-protective of ground water for other conditions as determined by inspector?

Yes* No

3d. System not abandoned in accordance with Minn. R. 7080.2500?

Yes* No

*Yes to 3c or 3d - System is failing to protect groundwater.

Describe verification methods and results:

Inspected components of system, did not observed any issues.

Attached supporting documentation: Not applicable

4. Operating permit and nitrogen BMP* – Compliance component #4 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 specified in the system design? 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. 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.

Describe verification methods and results:

Attached supporting documentation: Operating permit (Attach)

5. Soil separation – Compliance component #5 of 5

Date of installation _____ Unknown
 (mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Compliance criteria (select one):

5a. 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.

5b. 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.*

5c. "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080.2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day) Yes No*

Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.

Attached supporting documentation:

- Soil observation logs completed for the report
- Two previous verifications of required vertical separation
- Not applicable (No soil treatment area)
- _____

Indicate depths or elevations

A. Bottom of distribution media	99.3'
B. Periodically saturated soil/bedrock	95.74'
C. System separation	3.56'
D. Required compliance separation*	3'

*May be reduced up to 15 percent if allowed by Local Ordinance.

***Any "no" answer above indicates the system is failing to protect groundwater.**

Describe verification methods and results:

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.



Soil Observation Log


Project ID:

v 04.01.2020

Client: Cassie Sanetra		Location / Address: 11555 Hillcrest Court N, Dellwood									
Soil parent material(s): (Check all that apply)		<input type="checkbox"/> Outwash <input type="checkbox"/> Lacustrine <input type="checkbox"/> Loess <input checked="" type="checkbox"/> Till <input type="checkbox"/> Alluvium <input type="checkbox"/> Bedrock <input type="checkbox"/> Organic Matter									
Landscape Position: (select one)		Back/Side Slope		Slope %: 4.0		Slope shape		Linear, Linear		Elevation-relative to benchmark: 97.9'	
Vegetation: Lawn		Soil survey map units:						Limiting Layer Elevation: 95.74'			
Weather Conditions/Time of Day:		Sunny				12:00 PM		Date		03/03/22	
Observation #/Location:		SB1				Observation Type: Auger					
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	I----- Structure-----I				
							Shape	Grade	Consistence		
0"-4"	Loamy Fine Sand	<35%	10YR 3/2				Granular	Weak	Friable		
5"-19"	Loamy Sand	<35%	10YR 4/3				Single grain	Structureless	Loose		
20"-25"	Coarse Sand	<35%	7.5YR 4/4				Single grain	Structureless	Loose		
26"-33"	Sandy Clay Loam	<35%	10YR 5/4	7.5YR 6/8	Concentrations	S1	Blocky	Moderate	Firm		
				10YR 6/1	Depletions	S1					

Comments

I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.

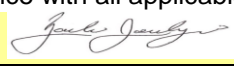
<u>Zachary Jocelyn</u> (Designer/Inspector)	 (Signature)	<u>2851</u> (License #)	<u>3/4/2022</u> (Date)
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Soil Observation Log

Project ID:

v 04.01.2020

Client:				Location / Address:						
Soil parent material(s): (Check all that apply)				<input type="checkbox"/> Outwash <input type="checkbox"/> Lacustrine <input type="checkbox"/> Loess <input type="checkbox"/> Till <input type="checkbox"/> Alluvium <input type="checkbox"/> Bedrock <input type="checkbox"/> Organic Matter						
Landscape Position: (select one)		On Mound		Slope %:		Slope shape		Elevation-relative to benchmark:		100.75'
Vegetation:			Soil survey map units:				Limiting Layer Elevation:		N/A	
Weather Conditions/Time of Day:		Sunny			12:15 PM		Date		03/02/22	
Observation #/Location:		SB2			Observation Type:		Auger			
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	I----- Structure-----I			
							Shape	Grade	Consistence	
0-4"	Loamy Fine Sand	<35%	10YR 3/2							
5"-12"	Loamy Sand	<35%	10YR 4/6							
13"-17"	Rock Bed	>50%								
18"-34"	Mound Sand	<35%	10YR 5/6							
35"-38"	Loamy Fine Sand	<35%	10YR 3/4							
Comments: This boring was conducted through the mound to verify the amount of mound sand and elevation of native grade below mound.										
I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.										
Zachary Jocelyn						2851		3/4/2022		
(Designer/Inspector)			(Signature)			(License #)		(Date)		



BM (100')
Bottom of lower
sliding door frame

X

+50'

Well

clean out

(2) 1000-gal.
septic tanks

1,000-gal.
pump tank

Mound
area

Bottom of distribution
media established
through inspection pipe
and probe (99.3')

Mound
rock bed

SB2
(100.75')

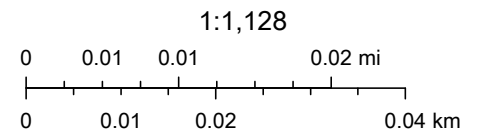
*exact size of
mound area
& rockbed
are unknown

SB1
(97.9')

Washington County



March 2, 2022



Maxar, Microsoft

Property address: 11555 Hillcrest court
City: Whitebear Lake

State: MN

Parcel ID: _____
Zip code: 55110

Optional section: Sewage Tank Compliance Certification (Tank integrity assessment)

This form does not represent a complete system inspection report and only certifies sewage tank compliance status. i.e., this form, completed, may serve as a tank integrity assessment.

Instructions: This section of the form may be completed and signed by a Designated Certified Individual (DCI) of a licensed SSTS Maintenance Business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system.

When this section of the form is signed by a qualified certified professional, it becomes *necessary supporting documentation* to an Existing System Compliance Inspection Report: Compliance inspection form - Existing system (wq-wwists4-31b). This form can be found on the MPCA website at <https://www.pca.state.mn.us/water/service-and-maintenance>.

The information and certified statement on this form is **required** when existing septic tank compliance status is determined by an individual other than the SSTS Inspector that submits an inspection report. This form represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4 Item (B) subitem (1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4 Items B, C, and D; 7083.0730 Item C.

Pages 1 and 2 are not required to accompany this form when the optional third page is completed and used to certify sewage tank compliance status.

System status

System status on date (mm/dd/yyyy): 3-03-22

Certificate of sewage tank compliance Notice of sewage tank non-compliance

Compliance criteria:

The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit - "Failure to Protect Groundwater."	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
The SSTS has a sewage tank that leaks below the designed operating depth - "Failure to Protect Groundwater."	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
The SSTS presents a threat to public safety by reason of structurally unsound (damaged, cracked, or weak) maintenance hole cover(s) or lids or any other unsafe condition - "Imminent Threat to Public Health or Safety."	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No

Any "yes" answer above indicates sewage tank non-compliance.

Company information

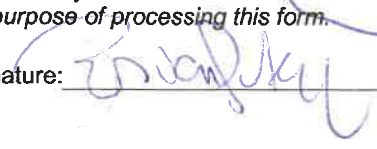
Company name: Olson's Sewer Service, Inc.
Business license number: 216

Designated Certified Individual (DCI) information

Print name: Brian Dukart
Certification number: 69646

I personally conducted the work described above as a Designated Certified Individual of a Minnesota-licensed SSTS Maintenance Business. I personally conducted the necessary procedures to assess the compliance status of each sewage tank in this SSTS.

By typing/signing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.

Designated Certified Individual's signature: 

Date (mm/dd/yyyy): 3-03-22