

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: 1603220430007 Reason for inspection Transfer of property
Local regulatory authority info: WASHINGTON COUNTY
Property address: 21162 NEWBERRY CT N, CITY OF SCANDIA
Owner/representative: DEZELL KRISTIE M Owner's phone: 651-492-4536
Brief system description: Two tank going to in ground drain field

System status

System status on date (mm/dd/yyyy): 6/27/2023

Compliant – Certificate of compliance*

Noncompliant – Notice of noncompliance

(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.)

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

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

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)

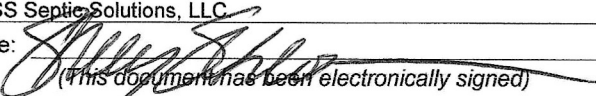
- Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- Other Compliance 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: SS Septic Solutions, LLC Certification number: 9917
Inspector signature:  License number: 4137
(This document has been electronically signed) Phone: 651-343-9117

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 Yes* No

System discharges sewage to drain tile or surface waters. Yes* No

System causes sewage backup into dwelling or establishment. Yes* No

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

Describe verification methods and results:

Attached supporting documentation:

- Other: _____
- Not applicable

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Yes* No

Sewage tank(s) leak below their designed operating depth? Yes* No

If yes, which sewage tank(s) leaks:

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

Describe verification methods and results:

Tanks were in great shape at time of inspection

Attached supporting documentation:

Empty tank(s) viewed by inspector

Name of maintenance business: Smilies

License number of maintenance business: _____

Date of maintenance: 6/27/2023

Existing tank integrity assessment (Attach)

Date of maintenance (mm/dd/yyyy): _____ (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: _____

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:

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 11/25/2009 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.

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

Describe verification methods and results:

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	3'
B. Periodically saturated soil/bedrock	6'
C. System separation	3'
D. Required compliance separation*	3'

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

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.

**Tradewell Soil Testing
18330 Dahlia Street NW
Cedar, MN 55011**

Name: 10 Star Home Builders, LLC

Date: October 25th, 2009

Address Lot 4 Block 4 Natures Walk, Scandia, MN

SOIL BORING TEST REPORT

Boring #1	Boring #2	Boring #3	Boring #4
0"- 10" Topsoil Loamy Fine Sand 10YR 3/2	0"- 10" Topsoil Loamy Fine Sand 10YR 3/2	0"- 10" Topsoil Loamy Fine Sand 10YR 3/2	0"- 12" Topsoil Loamy Fine Sand 10YR 3/2
10"- 36" Loam/ Fine Sandy Loam 7.5YR 4/4 4/6	10"- 32" Loam/ Fine Sandy Loam 10YR 3/4	10"- 36" Loam/ Fine Sandy Loam 5YR 3/4	12"- 36" Loam/ Fine Sandy Loam 10YR 3/6 4/6
36"- 52" Coarse Loamy Sand 7.5YR 4/4 4/6	32"- 48" Coarse Loamy Sand 10YR 3/4	36"- 62" Coarse Loamy Sand & Gravel 7.5YR 3/4	36"- 58" Coarse Loamy Sand 7.5YR 3/4
52"- 77" Coarse Sand 10YR 4/4	48"- 62" Fine Sandy Loam 5YR 4/4	62"- 77" Coarse Sand 10YR 3/4 4/4	58"- 72" Coarse Sand & Gravel 7.5YR 3/4 4/4
	**Hit Large Rock		
No Mottles Found Dry Hole	No Mottles @ 62" Dry Hole	No Mottles Found Dry Hole	No Mottles Found Dry Hole

4- Bedroom, Type 1 Home (600 GPD Flow)
Perc Rate = 16- 30 MPI 1.67 SSF
1-1500 gallon & 1- 1000 gallon septic tank
1000 square feet of drainfield with 12" of rock below the pipe
56 cubic yards or 79 ton of clean rock
Maximum depth of trenches from existing grade in area of borings- 36" maximum



Mark Tradewell
MPCA #307

*1st SOILS
VERIFICATION*



Department of Public Health and Environment
 14949 62nd Street North PO Box 6
 Stillwater MN 55082-0006
 Office: 651-430-6655 TTY: 651-430-6246 Fax: 651-430-6730

Review Fee:	\$273.00
Permit Fee:	\$283.00
Total Fee:	\$556.00
Previous Payment	\$556.00
Balance Due	\$0.00

Community: Scandia
Permit Number: 0010-09-9
Owner: 10 Star Home Builders
 PO Box 488
 Forest Lake MN 55025-
Applicant: 10 Star Home Builders

PERMISSION IS HEREBY GRANTED

To execute the work specified in this permit on the following identified property upon express condition that said persons and their agents, and employees shall conform in all respects to the provisions of Ordinance #128, Washington County Development Code, Chapter Four, Individual Sewage Treatment System Regulations. This permit may be revoked at any time upon violation of any of the provisions of said ordinance.

Project Address: 21162 Newberry CT
Geo Code: 16-032-20-43-0007
Designer: Tradewell Soil Testing

Type of System: Drainfield		Pressure Distribution	
		N / A	
Design Criteria		Drainfield Sizing	
Percolation Rate: 16		Square Feet: 1000	
Depth To Restriction: 80		Lineal: 333 Feet	
Land Slope: 2.00%		Depth Of Rock Below: 12 Inches	
Flow Rate: 600		Maximum Trench Depth: 42 Inches	
Number of Bedrooms: 4		Number Of Trenches: 5	
<input type="checkbox"/> Gravelless		Length Of Trenches: 66 Feet	
<input type="checkbox"/> Chambered		Spacing Of Trenches: 7.5 Feet	
Tank Sizes			
Tank 1: 1500	Tank 2: 1000	Tank 3: 0	Lift Station: 1000

Authorized Work/Special Conditions

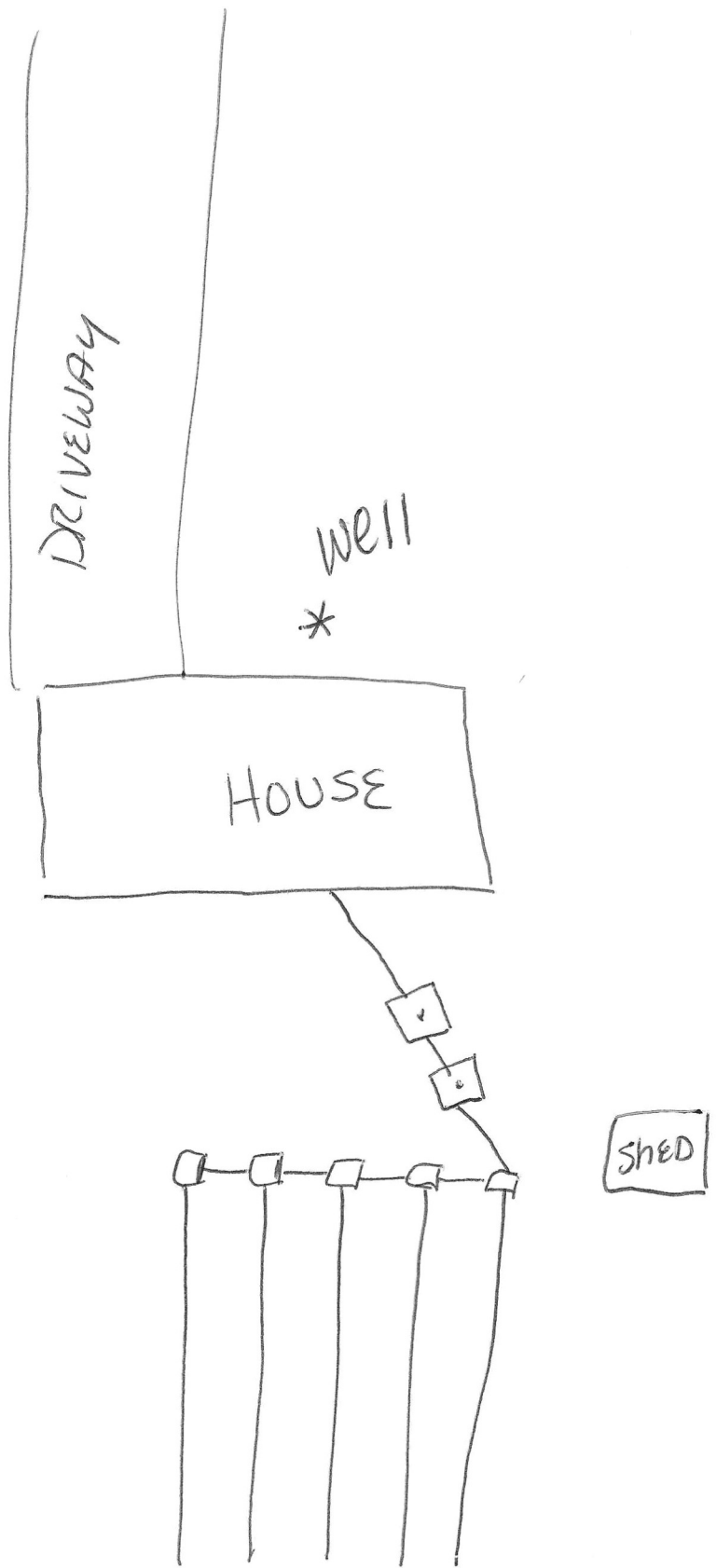
1. Install individual sewage treatment system as per approved design in area tested and shown on the site plan.

2nd SOILS VERIFICATION

P. Ganzel

Permit Issue Date: 11/5/2009
 Permit Expiration Date: 11/5/2010

Pete Ganzel
 Senior Environmental Specialist



SS Septic Solutions, LLC additional terms and information.

1. SS Septic Solutions, LLC has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period beyond the inspection date. Due to numerous factors (usage, maintenance, tank pumping, soil characteristics, previous failures, etc.) which may affect the proper operation of a septic system. The report shall not be construed as a warranty that the system will properly function for any period.
2. Minimum compliance inspection requirements relative to this inspection and this report include only verification that the septic system has a watertight septic tank(s) and lift tank, the required separation from the bottom of the drain field/mound distribution medium and saturated soils, no backup of sewage into the dwelling and no discharge of sewage onto the ground surface or surface water. SS Septic Solutions, LLC does not inspect basement sewage ejector pumps or exterior lift pumps as they are a maintenance item. Sewage backup verification is limited to the information supplied by the last occupants/owner if available. I cannot guarantee that the information given to me is accurate. Some people may attempt to hide or conceal signs of previous backups.
3. Certification of this system does not warranty any future use beyond the date of inspection. Any system, new or old, can be hydraulically overloaded because of more people moving into the house than were previously occupying it, improper maintenance, heavy usage, tree roots, freezing conditions, or surface drainage problems. The system could simply stop working due to age.
4. A compliance inspection is not meant to be a test of the longevity of the septic system. The inspection is strictly for the purpose of determining if the septic is polluting the environment at the date and time the inspection is performed. The inspection is not intended to determine if the system was originally designed or installed to past or present MPCA or local unit of government code requirements.
5. Winter Work – Client understands that inspections conducted in winter weather conditions are more difficult to perform due to snow cover and frost. Septic system components like tanks, tank covers, drop boxes and soil treatment areas are more difficult to locate in these conditions. Soil borings and drain field locations are also more difficult to perform due to ground frost. The client needs to understand that due to the weather conditions, the same level of standards may not be possible compared to an inspection during the spring/summer/fall months.
6. If hired to perform the compliance inspection, the client hereby agrees that SS Septic Solutions, LLC will not be responsible for any monetary damages, claims or causes of action including attorney fees arising from the performance of this inspection.
7. Nothing other than gray water (laundry, showers, etc.) human waste and toilet tissue should be disposed of into the septic tanks. Garbage disposals are not recommended. Smaller amounts of laundry, soaps, dish soap, cleaning agents, etc. are better for the system. Antibacterial soaps and chlorine agents may kill the bacteria needed to treat effluent properly. Additives are not recommended and may be harmful to your system. Recommend to pump and clean your tanks by a certified pumper every other year if you have 1 tank and every 2-3 years if you have a 2-tank system to ensure proper maintenance.



333 Main Street NW
 P.O. Box 388
 Elk River, MN 55330
 Phone: 763-441-7509
 Fax: 763-441-9176

DRINKING WATER LABORATORY TEST REPORT

Last Name: DEZELL **File #:** 80410
First Name: KRISTIE **Date/Time in Lab:** 6/30/2023 9:45 AM
Address: 21162 NEWBERRY CT
City: SCANDIA **Unique Well #:**
State: MN **Zip Code:** **Drillers #:**
County:
Legal:

Ordered By: SS SEPTIC SOLUTIONS **Sampled From:** Outside Tap
Sampled By: SS SEPTIC SOLUTIONS **Date/Time Sampled:** 06/29/2023 930
Reason For Test: Coliform + Nitrate **Sample Temp:** 26.1 ° C
Received on Ice: No

<u>ANALYTE & METHOD</u>	<u>DATE & TIME OF ANALYSIS</u>	<u>MAXIMUM CONTAMINATION LEVEL (EPA)</u>	<u>TEST RESULTS</u>
Coliform Bacteria (SM 9223 B)	06/30/2023 1450	Negative	Negative
Nitrate (EPA 353.2 Rev 2.0)	06/30/2023 1119	10.0 ppm	6.95 ppm

This sample DOES meet EPA guidelines for safe drinking water for the Analytes tested.

Notes:

The test results are only indicative of the sample tested from the sample point on the date collected. This report must not be reproduced, except in full, without the written approval from Water Laboratories, Inc. Minnesota Certification# 027-141-110, Wisconsin Certification #399044470 (for compliance with NR812)

Water Laboratories, Inc.

By: 

Date: 07/05/2023

Received By TJ Entered By TJ Edited By TJ

Amount Billed:
Date Paid: 06/30/2023
Amount Paid: