

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: 0411723340003

Reason for Inspection Property Transfer

Local regulatory authority info: City of Orono

Property address: 2811 Farview Lane

Owner/representative: Shari Danielson

Owner's phone: 612-360-8314

Brief system description: Approximately 2-1000-gallon septic tanks, 1-1000-gallon lift station and 500 square feet of mound rock bed.

System status

System status on date (mm/dd/yyyy): 12/28/2023

☒ **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

There is 1.7 feet of sand under the North end of the rock bed. There is 2.1 feet of sand under the South end of the rock bed.

TBM: Top of the front door threshold. ELV.-100.0

The area around the south side of the systems area of influence has been disturbed.

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: Rusty Olson Soil & percolation Testing

Certification number: C1255

Inspector signature: Joseph J. Olson

License number: L810

(This document has been electronically signed)

Phone: 763-498-8779

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:**

Visual. Nothing was found

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:**

Duane's Septic Service pumped the tanks.

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 12/14/2023

(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: _____

Property Address: 2811 Farview Lane

Business Name: Rusty Olson Soil & percolation Testing

Date: 12/28/2023

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:

Visual. Nothing was found

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 7/29/1987 ☐ 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	92.9
B. Periodically saturated soil/bedrock	89.7
C. System separation	3.0
D. Required compliance separation*	2.0

*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.

Sewage tank integrity assessment form**Subsurface Sewage
Treatment Systems (SSTS) Program**

Doc Type: Compliance and Enforcement

Purpose: This form may be used to certify the compliance status of the sewage tank components of the SSTS. This form is not a complete SSTS inspection report, only a tank integrity assessment, and may only certify sewage tank compliance status when entirely completed and signed by a qualified professional. SSTS compliance inspection report forms can be found at: <https://www.pca.state.mn.us/water/inspections>.

Instructions: This form may be completed, and signed, by a Designated Certified Individual (DCI) of a licensed SSTS inspection, maintenance, installation, or service provider business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system. Only a licensed maintenance business is authorized to pump the tank for assessment. A copy of this information should be submitted to the system owner and be maintained by the licensed SSTS business for a period of five (5) years from the assessment date.

When this 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/inspections>.

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(B)(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(B),(C), and (D) and; Minn. R. 7083.0730(C).

Owner information

Owner/Representative: Danielson,
Property address: 2811 Farview Ln
Local Regulatory Authority: Long Lake Parcel ID: _____

System statusSystem status on date (mm/dd/yyyy): 12-14-2023☒ 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."

☐ Yes* ☒ No

The SSTS has a sewage tank that leaks below the designed operating depth - "Failure to Protect Groundwater."

☐ Yes* ☒ 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."

☐ Yes* ☒ No

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

Company informationCompany name: Duane's Septic Service LLC
Business license number: L4286**Designated Certified Individual (DCI) information**Print name: Jim Eicher
Certification number: C8172

I personally conducted the work described above as a Designated Certified Individual of a Minnesota-licensed SSTS inspection, maintenance, installation, or service provider 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: [Signature]
(This document has been electronically signed.)Date (mm/dd/yyyy): 12/14/2023

Soil Observation Log

www.SepticResource.com vers 12.4

Owner Information	
Property Owner / project:	<u>Shari Danielson</u> Date <u>12/4/2023</u>
Property Address / PID:	<u>2811 Farview Lane</u>

Soil Survey Information		☐ refer to attached soil survey
Parent matl's:	☐ Till ☐ Outwash ☐ Lacustrine ☒ Alluvium ☐ Organic ☐ Bedrock	
landscape position:	☐ Summit ☐ Shoulder ☒ Side slope ☐ Toe slope	
soil survey map units:	<u>L37B</u>	slope _____ % direction- <u>Lineal</u>

Soil Log #1							
☒ Boring ☐ Pit		Elevation	Depth to SHWT				
		<u>91.2</u>	<u>18</u> inches				
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-18	Loam	<35	10yr2/1		Friable	Strong	Blocky
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
Comments:							

SEPTIC SYSTEM INVENTORY

Site Address: 2811 Farview La

PID 04-117-23-34-0003

Owner Name: Scott Danielson

Owner Address: 2811 Farview La Long Lake MN 55356-

BuildingType: residence

Installer: Widmer Bros.

Date of Permit: 7/29/87

System Type: mound

BR's Designed for 4

In Musa?: Yes

Shoreland?: No

SEPTIC TANKS:

Material: precast concrete

Capacity: 1000, 1000, 1000

Tank Filter:

DRAINFIELD:

Treatment Area: 85*40

Soil Boring: yes

DF Ht above Wt: 3

WELL DATA

Setbacks - Well Tanks: 50

Well DF: 75

Report In File: Depth: 177

INSPECTION RECORDS

Date	Notes
9/1/2005	
7/29/2003	no surfacing
7/10/2001	no surfacing, pump tanks
6/1/1999	compliant
8/23/1996	no surfacing
10/28/1994	no surfacing-pump tanks
7/18/1991	no surfacing
8/1/1990	no surfacing-pump tanks
8/6/1987	installation

PUMPOUT RECORDS

Date	GallonsOfLiquid
3/16/2019	1000
6/22/2015	2500
4/30/2012	2500
4/30/2011	2500
4/22/2009	2500
10/1/2003	2500
11/2/1998	2800
12/15/1994	2000
9/13/1990	1500

2811 Farview Ln.

