

# 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: 2503021210004 Reason for Inspection Property Sale

Local regulatory authority info: \_\_\_\_\_

Property address: 7895 Leeward Ave N, Stillwater, MN

Owner/representative: \_\_\_\_\_ Owner's phone: \_\_\_\_\_

Brief system description: Septic Tank - Drainfield Trenches. System installed in 1987.

### System status

System status on date (mm/dd/yyyy): 8/2/2023

**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

Please continue to manage water useage in the house and pump tank regularly. The system was installed in 1987.

### 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: EDG, Inc Certification number: C2487

Inspector signature: Chris Bosshart License number: L1955

(This document has been electronically signed) Phone: \_\_\_\_\_

### 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

**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?	<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:	

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

### Describe verification methods and results:

Tank pumped and inspected by Pinky's Septic Service.

### 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): \_\_\_\_\_ (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 6/1/1987  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	25"
B. Periodically saturated soil/bedrock	56"
C. System separation	31
D. Required compliance separation*	30.6 w 15% var

\*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:**

Soil boring performed and attached is previous boring log from Earth Sciences from original design.

**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.

Property address: 7895 Leeward Avenue North Parcel ID: \_\_\_\_\_  
City: Stillwater State: MN Zip code: 55082

### 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.

**Certificate of sewage tank compliance**

Affirm all three statements:

- The SSTS does not contain a seepage pit, cesspool, drywell, leaching pit, or other pit.
- It does not contain a sewage tank that was designed to be watertight, but subsequently leaks below the designed operating depth.
- It does not represent an imminent safety threat by reason of unsecured, damaged, or weak maintenance hole cover(s) or other unsafe condition.

**Notice of sewage tank non-compliance**

Select all that apply:

- The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit – **"Failure to Protect Groundwater."**
- It has a sewage tank that was designed to be watertight, but subsequently leaks below the designed operating depth – **"Failure to Protect Groundwater."**
- It presents a threat to public safety by reason of unsecured, damaged, or weak maintenance hole cover(s) or other unsafe condition – **"Imminent Threat to Public Health or Safety."**

**Company information**

Company name: Pinkus Sewer Service

Business license number: 4231

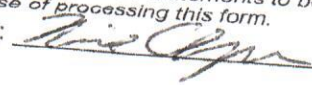
**Designated Certified Individual (DCI) information**

Print name: Neil Cinner

Certification number: C2814

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): 8/2/23



# Soil Observation Log

Project ID:

v 03.15.2023

Client: Jon & Kristin Sommer Location / Address: 7895 Leeward Ave N Stillwater, MN 55082

Soil parent material(s): (Check all that apply)  Outwash  Lacustrine  Loess  Till  Alluvium  Bedrock  Organic Matter  Disturbed/Fill

Landscape Position: Shoulder Slope %: 1.0 Slope shape: Linear, Linear Flooding/Run-On potential: No

Vegetation: Lawn Soil survey map units: 49B Surface Elevation-Relative to benchmark: n/a

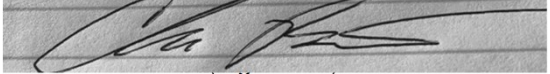
Date/Time of Day/Weather Conditions: 8/2/2023 9am Sunny Limiting Layer Elevation: 56"

Observation #/Location: SB-1 after 4th trench in drainfield 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
0-18"	Loam		10YR 3/2				Granular	Moderate	Friable
18-36"	Silt Loam		10YR 4/4				Blocky	Moderate	Friable
36-56"	Silt Loam		10YR 4/6				Blocky	Moderate	Friable
56"+	Silt Loam		10YR 4/6	2.5YR 7/2	Concentrations	S2	Blocky	Moderate	Friable

Comments: Redox @ 56"

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

Chris Bosshart  L1955 8/2/2023  
 (Designer/Inspector) (License #) (Date)

**Optional Verification:** I hereby certify that this soil observation was verified according to Minn. R. 7082.0500 subp. 3 A. The signature below represents an infield verification of the periodically saturated soil or bedrock at the proposed soil treatment and dispersal site.

\_\_\_\_\_  
 (LGU/Designer/Inspector) (Signature) (Cert #) (Date)

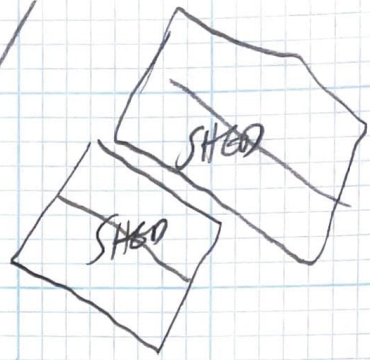
# LOG OF SOIL BORINGS

BORING NO. 1		BORING NO. 2		BORING NO. 3		BORING NO. 4	
DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION
0	DARK BROWN FINE SANDY LOAM	0	DARK BROWN FINE SANDY LOAM	0	DARK BROWN FINE SANDY LOAM	0	DARK BROWN FINE SANDY LOAM
3"		6"		4"		5"	
	LT. BROWN FINE SILTY SAND		LT. BROWN FINE SILTY SAND		LT. BROWN FINE SILTY SAND		LT. BROWN FINE SILTY SAND
		20"				20"	
			LT. REDDISH BROWN FINE SILTY SAND	26"			LT. YELLOW TAN FINE SILTY SAND
(62")		(63")		37"	LT. YELLOW BROWN FINE SILTY SAND (SLIGHTLY COMPRESSED)	35"	
	LT. BROWN FINE SILTY SAND (IRON STAIN) (LT. MOTTLED)		LT. RED FINE SILTY SAND (MOTTLED)	(60")	LT. RED FINE SILTY SAND		LT. TAN YELLOW FINE SILTY SAND
65"					LT. RED FINE SILTY SAND (MOTTLED)	(62")	
	LT. BROWN FINE SILTY SAND (MOTTLED)						LT. TAN FINE LOAMY SAND (IRON STAIN)
						65"	
6:0"							LT. TAN FINE - MED. LOAMY SAND (IRON STAIN)
	LT. BROWN FINE SILTY SAND (HEAVY MOTTLED) (MOIST)	6:3"					
			LT. RED FINE SILTY SAND (HEAVY MOTTLED) (MOIST)	6:5"			
					LT. TAN FINE - MED. SAND (IRON STAIN) (MOIST)		
8:0"		8:0"		8:0"		8:0"	

# LOG OF SOIL BORINGS

BORING NO. 5		BORING NO.		BORING NO.		BORING NO.	
DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION
0	DARK BROWN FINE SANDY LOAM	0		0		0	
7"							
	LT. BROWN FINE SILTY SAND						
21"							
	LT. YELLOW TAN RING SILTY SAND (SLIGHTLY COMPRESSED)						
36"							
	LT. YELLOW TAN RING SILTY SAND						
54"							
	LT. YELLOW TAN RING SILTY SAND (FIBROUS)						
64"							
	LT. TANNING SILTY SAND (MOTTLED)						
66"							
	LT. TANNING SILTY SAND (HEAVY MOTTLED) (MOIST)						
8:0"							





7895 LEWARD AVE. N.  
STILLWATER, MN 55082

PROP LINES

DROP BOXES w/ 4" CAPS

TANK

SB-1  
8/2/23



HOUSE

PROP LINES

LEWARD AVE N



WASHINGTON COUNTY, MINNESOTA

Sewage Treatment Permit No. 4469

Inspection of Installation Must Be Made By the Building Official Before Any Portion of System is Covered  
Contact Planning Department, 779-5444, 24 Hour Notice Required

Owner JOHN HEINLINE

Property Description LOT 7 BLK 1 STILLWATER RANCHES GRANT

Property Address 7895 LEEWARD AVE NO PID# 83735-2300

Use of Building: HOME Flow Rate: 450 GPD Percolation Rate: 34 mpi

Septic Tank 1200 Gal. Liquid Capacity Lift Station (if needed) 1000 Gal.

Type of System: TANK AND DRAINFIELD (SHALLOW)

Absorption Trench — Square Feet 900 Lineal Feet 300 Width 36"

Depth of Rock Below Lines 12 Inches, Above Lines 2 Inches

Depth of Trench From Existing Grade — Minimum 18 Inches, Maximum 18 Inches

Recommended Number of Lines 4@75' (Note: Maximum Length of Individual Line is 100 Feet.)

Minimum Spacing of Lines 7 1/2 Ft. Center to Center

Special Conditions SYSTEM TO GO IN AREA APPROVED AND INDICATED ON ATTACHED

SITE PLAN.

PERMIT: Permission is hereby granted to the above named applicant to perform the work described in the application to the minimum specifications shown above and per attached site plan. This permit is granted upon express condition that the person to whom it is granted, and his agents, employees and workmen shall conform in all respects to ordinances of Washington County, Minnesota. This permit may be revoked at any time upon violation of any said ordinance, and permit shall be void if work is not commenced within six (6) months.  
**INSTALLER MUST HOLD CURRENT SEPTIC INSTALLER LICENSE WITH WASHINGTON COUNTY.**

Approved: *[Signature]* Date 7-21-87  
Zoning Administrator/Authorized Agent

Comments

Installation Approved \_\_\_\_\_ Date \_\_\_\_\_  
Inspector

As Built Individual Sewage Treatment System Report

Washington County Planning Department  
14900 - 61st Street North  
Stillwater, MN 55082

1	Legal Description	Lot # 7 Bk 1 Stillwater Ranches			
	Owner	John HEINLIEN	7895	Leward Ave No.	Stillwater MN 55082
2	Installer	Rivertown Exc.	13147	McKusick R.d. No.	Stillwater, MN 55082

4 Septic Tank  
Manufacturer: A-1 ; Liquid Capacity: 1250

5 Pump Chamber (if installed)  
Manufacturer of Tank: \_\_\_\_\_ ; Liquid Capacity: \_\_\_\_\_  
Horse Power of Pump: \_\_\_\_\_ ; Pump Discharge in Gallons Per  
Minute: \_\_\_\_\_ at \_\_\_\_\_ feet of Head; Type  
of Warning Device: \_\_\_\_\_ ; Number of Gallons Pumped Per  
Cycle: \_\_\_\_\_

5 Drainfield Trench  
Width: 3' ; Length of Each Trench: 2-70' Trenches 2-80' Trench ;  
Method of Distribution: Drop Box ; Depth of Trench Bottom  
from Finish Grade: 18" ; Depth of Rock Under Distribution  
Pipe: 12" ; Area Required: 900 sq ft. ;  
Area as Built: 900 sq ft.

Complete site plan on attached sheet. On site plan include location of: structures, septic tank, pump chamber, line from house to tank, line from tank treatment system, distribution lines, distribution or drop boxes, well, and driveway. Show all distances applicable to the sewage treatment system: distance from structure to tank, tank to treatment system, distance between distribution lines, length of distribution lines and distance between well and sewage treatment system. Indicate on the site plan north and the scale of the site plan.

Septic Permit No. 4469