



# Compliance inspection report form

## Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

**Instructions:** Inspector must submit completed form to Local Government Unit (LGU) and system operator. Inspector must determine if system is in compliance or non-compliance. 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: 03.029.21.14.0004 Reason for inspection: property sale  
Local regulatory authority info: Washington County  
Property address: 9844 57<sup>th</sup> St N Lake Elmo, MN 55042  
Owner/representative: Matthew Tandy Owner's phone: 704-492-2922  
Brief system description: Two precast septic tanks and a precast pump tank lifting the effluent up to a gravelless trench drainfield.

### System status

System status on date (mm/dd/yyyy): 4/4/2024

**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

Reviewed design, permit, inspection, soil and pumping records on file at Washington County.

### 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: All State Septic Services LLC Certification number: 323

Inspector signature: Tom Trooien License number: 1568

*(This document has been electronically signed)*

Phone: 612-594-4496

### 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): Previous soil verifications

**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:**

None of the above observed

**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:**

The tanks were at normal operating level, then were pumped through the maintenance holes. Lowered a light & camera into the empty tanks - bottoms, walls, covers, baffles, risers & maintenance hole covers ok

The high water alarm was functional at the time of inspection

While not a compliance component, recommend extending the risers and maintenance hole covers to grade for future access

**Attached supporting documentation:**

- Empty tank(s) viewed by inspector
- Name of maintenance business: Pinky's
- License number of maintenance business: 1613
- Date of maintenance: 4/4/2024
- 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 1997  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	1.6
B. Periodically saturated soil/bedrock	7.1
C. System separation	5.5
D. Required compliance separation*	3.0

\*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.

### Log Of Soil Observations

Location of Project:		9844 57th St N, Lake Elmo, MN 550042	
Observations Made By:		Inspect Minnesota	Date: 7/3/19
Auger Used:		Hand/Bucket	Classification System: USDA
Soil Observation:		1	Soil Observation:
Surface Elevation of Observation	Same ground surface as last drainfield trench		Surface Elevation of Observation
Depth In Inches	<b>Soils Encountered</b>		Depth In Inches
0-9 9-20 20-68 68-85	10YR 2/2 Silt Loam (Fill) 10YR 3/4 Medium Sand (Fill) 10YR 4/4 Medium Sand (Fill) 10YR 4/4 Medium Sand (Fill) With Loamy Sand Layers  Native Soil At 85"		
85"	Depth To End Of Soil Observation Or Redox		Depth To End Of Soil Observation Or Redox
Same	Elevation Of Observation Relative To System		Elevation Of Observation Relative To System
-19"	Depth To Bottom Of Distribution Media		Depth To Bottom Of Distribution Media
≥66"	Of Separation		Of Separation
End Of Soil Observation At:	85"	End Of Soil Observation At:	
Redox Present At:	None	Redox Present At:	
Standing Water Present At:	None	Standing Water Present At:	

Bottom Of Distribution Medium At: 19 Inches

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### Log Of Soil Borings

Location of Project: 1834 5th Street B, Lake Minn., MN 55042			
Boring Made By: Joseph Minnesota		Date: 1/22/15	
Boring Used: (Hole/Block)		Classification System: USDA	
Boring Number: 1		Boring Number:	
Surface Elevation of Boring	Same ground surface as adjacent	Surface Elevation of Boring	
Depth In Inches	Soils Encountered	Depth In Inches	Soils Encountered

Lot 3 Block 1  
"ROLLING HILLS ESTATES"  
Pt. of N&S Sec. 3, T29N  
(City of Lake Minn., MN)

-SOIL BORINGS-

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay strata is encountered should be recorded.

Auger Borings: 15 # 12/93

### LOG OF SOIL BORINGS

BORING NO. 1	BORING NO. 2	BORING NO. 3	BORING NO. 4
DEPTH IN FEET: 0 SOIL DESCRIPTION: Charley Brown (fill)	DEPTH IN FEET: 0 SOIL DESCRIPTION: (fill)	DEPTH IN FEET: 0 SOIL DESCRIPTION: Charley Brown	DEPTH IN FEET: 0 SOIL DESCRIPTION: Charley Brown
1/2 Loamy Sand	1/2 Loamy Sand	1/2 Sandy Loam	1/2 Sandy Loam
1 Sandy Loam	1 Sandy Loam	1 Dark Brown	1 Dark Brown
1 1/2 Dark Brown	1 1/2 Dark Brown	1 1/2 Dark Brown	1 1/2 Dark Brown
2 Dark Brown	2 Dark Brown	2 Dark Brown	2 Dark Brown
2 1/2 Loamy Sand	2 1/2 Loamy Sand	2 1/2 Loamy Sand	2 1/2 Loamy Sand
3 Dark Brown	3 Dark Brown	3 Loamy Sand	3 Loamy Sand
3 1/2 Loamy Sand	3 1/2 Loamy Sand	3 1/2 Loamy Sand	3 1/2 Loamy Sand
4 Dark Brown	4 Loamy Sand	4 Loamy Sand	4 Loamy Sand
4 1/2 Silt Loam	4 1/2 Loamy Sand	4 1/2 Silt	4 1/2 Silt
5 (End)	5 (End)	5 Mottling Depth: 4"	5 Mottling Depth: 4"
5 1/2 Mottling Depth: 4"	5 1/2 Mottling Depth: 4"	5 1/2 Mottling Depth: 4"	5 1/2 Mottling Depth: 4"
6 Mottling Depth: 4"	6 Mottling Depth: 4"	6 Mottling Depth: 4"	6 Mottling Depth: 4"
6 1/2 Mottling Depth: 4"	6 1/2 Mottling Depth: 4"	6 1/2 Mottling Depth: 4"	6 1/2 Mottling Depth: 4"
7 Mottling Depth: 4"	7 Mottling Depth: 4"	7 Mottling Depth: 4"	7 Mottling Depth: 4"
7 1/2 Mottling Depth: 4"	7 1/2 Mottling Depth: 4"	7 1/2 Mottling Depth: 4"	7 1/2 Mottling Depth: 4"
8 Mottling Depth: 4"	8 Mottling Depth: 4"	8 Mottling Depth: 4"	8 Mottling Depth: 4"
8 1/2 Mottling Depth: 4"	8 1/2 Mottling Depth: 4"	8 1/2 Mottling Depth: 4"	8 1/2 Mottling Depth: 4"

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Auger Borings: 15/93

### LOG OF SOIL BORINGS

BORING NO. 5	BORING NO. 6	BORING NO. 7	BORING NO. 8
DEPTH IN FEET: 0 SOIL DESCRIPTION: Charley Brown	DEPTH IN FEET: 0 SOIL DESCRIPTION: Charley Brown	DEPTH IN FEET: 0 SOIL DESCRIPTION: Charley Brown	DEPTH IN FEET: 0 SOIL DESCRIPTION: Charley Brown
1/2 Loamy Sand	1/2 Loamy Sand	1/2 Loamy Sand	1/2 Loamy Sand
1 Dark Brown	1 Loamy Sand	1 Dark Brown	1 Dark Brown
1 1/2 Gravelly	1 1/2 Dark Brown	1 1/2 Dark Brown	1 1/2 Loamy Sand
2 Loamy Sand	2 Loamy Sand	2 Gravelly	2 Sandy Loam
2 1/2 Dark Brown	2 1/2 Silt Loam	2 1/2 Silt Loam	2 1/2 Silt Loam
3 Dark Brown (compacted)	3 Silt	3 Silt	3 Dark Brown (compacted)
3 1/2 Sandy Loam	3 1/2 Silt	3 1/2 Silt	3 1/2 Dark Brown (compacted)
4 Sandy Loam	4 Silt	4 Loamy Sand	4 Dark Brown (compacted)
4 1/2 Silt	4 1/2 Silt	4 1/2 Silt	4 1/2 Silt & Sandy Loam
5 (End)	5 (End)	5 (End)	5 (End)
5 1/2 Mottling Depth: 4"	5 1/2 Mottling Depth: 4"	5 1/2 Mottling Depth: 4"	5 1/2 Mottling Depth: 4"
6 Mottling Depth: 4"	6 Mottling Depth: 4"	6 Mottling Depth: 4"	6 Mottling Depth: 4"
6 1/2 Mottling Depth: 4"	6 1/2 Mottling Depth: 4"	6 1/2 Mottling Depth: 4"	6 1/2 Mottling Depth: 4"
7 Mottling Depth: 4"	7 Mottling Depth: 4"	7 Mottling Depth: 4"	7 Mottling Depth: 4"
7 1/2 Mottling Depth: 4"	7 1/2 Mottling Depth: 4"	7 1/2 Mottling Depth: 4"	7 1/2 Mottling Depth: 4"
8 Mottling Depth: 4"	8 Mottling Depth: 4"	8 Mottling Depth: 4"	8 Mottling Depth: 4"
8 1/2 Mottling Depth: 4"	8 1/2 Mottling Depth: 4"	8 1/2 Mottling Depth: 4"	8 1/2 Mottling Depth: 4"

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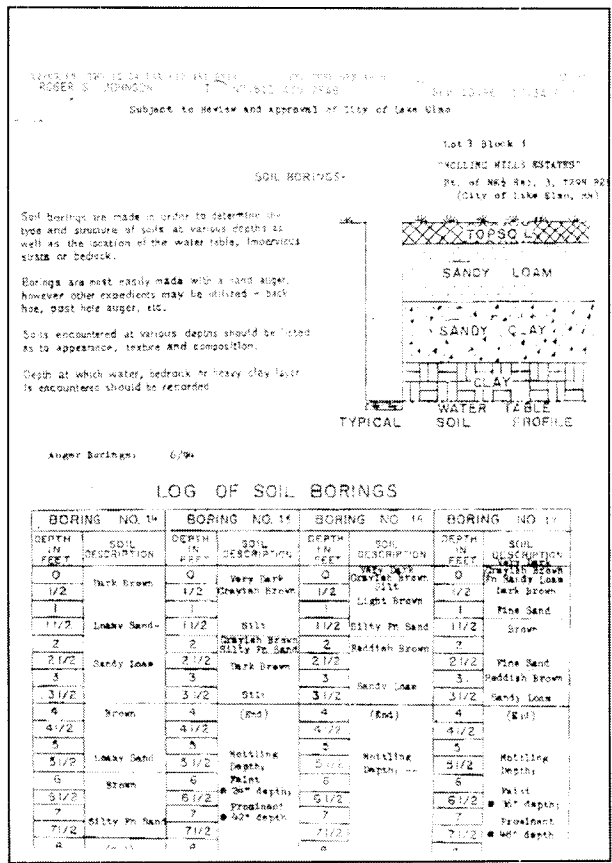
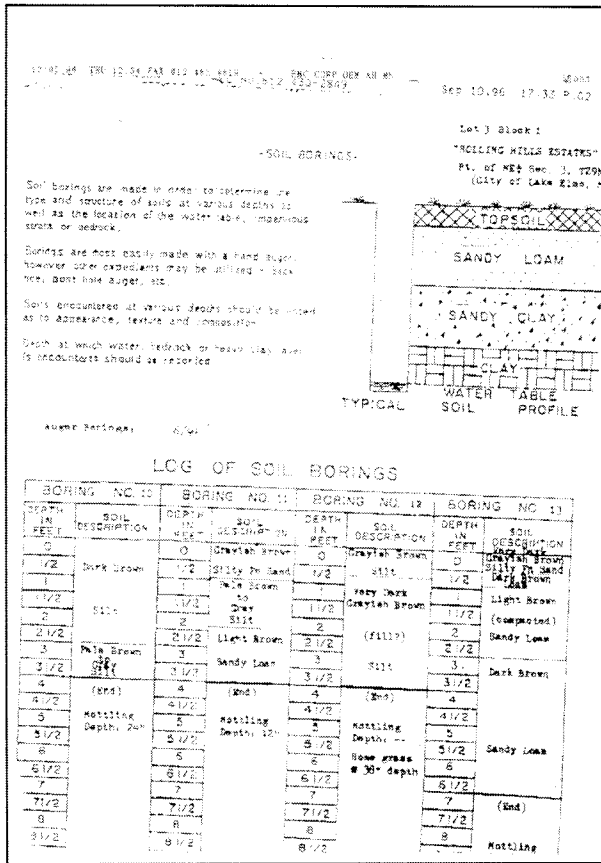
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Auger Borings: 15/93

### LOG OF SOIL BORINGS

BORING NO. 9	BORING NO. 10	BORING NO. 11	BORING NO. 12
DEPTH IN FEET: 0 SOIL DESCRIPTION: Silt	DEPTH IN FEET: 0 SOIL DESCRIPTION: Silt	DEPTH IN FEET: 0 SOIL DESCRIPTION: Silt	DEPTH IN FEET: 0 SOIL DESCRIPTION: Silt
1/2 Dark Brown	1/2 Dark Brown	1/2 Dark Brown	1/2 Dark Brown
1 Sandy Loam	1 Sandy Loam	1 Sandy Loam	1 Sandy Loam
1 1/2 Dark Brown	1 1/2 Dark Brown	1 1/2 Dark Brown	1 1/2 Dark Brown
2 Dark Brown	2 Dark Brown	2 Dark Brown	2 Dark Brown
2 1/2 Dark Brown	2 1/2 Dark Brown	2 1/2 Dark Brown	2 1/2 Dark Brown
3 Sandy Loam	3 Sandy Loam	3 Sandy Loam	3 Sandy Loam
3 1/2 Loamy Sand	3 1/2 Loamy Sand	3 1/2 Loamy Sand	3 1/2 Loamy Sand
4 Loamy Sand	4 Loamy Sand	4 Loamy Sand	4 Loamy Sand
4 1/2 Silt	4 1/2 Silt	4 1/2 Silt	4 1/2 Silt
5 (End)	5 (End)	5 (End)	5 (End)
5 1/2 Mottling Depth: 4"	5 1/2 Mottling Depth: 4"	5 1/2 Mottling Depth: 4"	5 1/2 Mottling Depth: 4"
6 Mottling Depth: 4"	6 Mottling Depth: 4"	6 Mottling Depth: 4"	6 Mottling Depth: 4"
6 1/2 Mottling Depth: 4"	6 1/2 Mottling Depth: 4"	6 1/2 Mottling Depth: 4"	6 1/2 Mottling Depth: 4"
7 Mottling Depth: 4"	7 Mottling Depth: 4"	7 Mottling Depth: 4"	7 Mottling Depth: 4"
7 1/2 Mottling Depth: 4"	7 1/2 Mottling Depth: 4"	7 1/2 Mottling Depth: 4"	7 1/2 Mottling Depth: 4"
8 Mottling Depth: 4"	8 Mottling Depth: 4"	8 Mottling Depth: 4"	8 Mottling Depth: 4"
8 1/2 Mottling Depth: 4"	8 1/2 Mottling Depth: 4"	8 1/2 Mottling Depth: 4"	8 1/2 Mottling Depth: 4"



9844. 5TH ST N  
LAKE ELMO, MN 55042  
4/4/24

