

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: 16.029.21.42.0002 Reason for Inspection property sale
Local regulatory authority info: Washington County
Property address: 8603 34th St N Lake Elmo, MN 55042
Owner/representative: Andrea Galchutt, Keller Williams Realty Owner's phone: 651-270-2113
Brief system description: A septic tank and a pump tank lifting to a rock trench drainfield.

System status

System status on date (mm/dd/yyyy): 7/17/2022

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.

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.

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

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 permit & inspection records from the City of Lake Elmo and 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):

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.

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 7/5/2022
(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 7/10/2001 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	2.3
B. Periodically saturated soil/bedrock	5.0
C. System separation	2.7
D. Required compliance separation*	2.6 15%reduced

*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:

Reviewed permit & inspection records from the City of Lake Elmo and Washington County.

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: 84800 8603 34th St E
City: LAKE ELMO State: MINN

Parcel ID: _____
Zip code: 55042

Optional section: Sewage Tank Compliance Certification

This form does not represent a complete system inspection report and only certifies sewage tank compliance status.

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/sssts-and-mists-technical-and-compliance-criteria>.

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 the inspection report. It 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: MEYER SEWER SERVICE

Business license number: 6915

Designated Certified Individual (DCI) information

Print name: CHRIS WAGNER

Certification number: 09761

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:

Designated Certified Individual's signature: Chris Wagner

Date (mm/dd/yyyy): 1/5/22



Soil Observation Log

Project ID: v 04.01.2021

Client:		Location / Address: 8603 34th St N Lake Elmo, MN 55042			<input type="checkbox"/> Bedrock		<input type="checkbox"/> Organic Matter								
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					
Landscape Position: (select one)		Slope %:		Slope shape		Elevation-relative to benchmark:									
Vegetation:		Soil survey map units:		Limiting Layer Elevation:		Date: 07/17/22									
Weather Conditions/Time of Day:		B-1		Observation Type:		Auger									
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure-----I		Consistence						
							Shape	Grade	Shape	Grade					
0-16	loamy sand		10YR 3/2												
16-47	loamy sand with 20-25% rock		10YR 4/6												
47-60	loamy sand		10YR 5/4												
Comments															
I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.															
				Tom Trooien				1568				7/17/22			
				(Designer/Inspector)				(Signature)				(License #)			



Soil Observation Log

Project ID:

v 04.01.2021

Client:		Location / Address: 8603 34th St N Lake Elmo, MN 55042									
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)		Slope %:		Slope shape		Elevation relative to benchmark:					
Vegetation:		Soil survey map units:				Limiting Layer Elevation:					
Weather Conditions/Time of Day:		B-Z		Date			07/17/22				
Observation #/Location:		Observation Type:			Auger						
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Shape	Structure-----	Grade	Consistence	
0-14	loamy sand		10YR 3/2								
14-60	loamy sand with 20-25% rock		10YR 4/6								
Comments											
I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.											
Tom Trooien (Designer/Inspector)				Tom Trooien (Signature)				1568 (License #)		7/17/22 (Date)	

Log Of Soil Borings

Location of Project:		8603 34th Ave, Lake Elmo, MN 55042	
Borings Made By:		Inspect Minnesota	Date: 1/2/19 & 1/3/19
Auger Used:		Hand/Bucket	Classification System: USDA
Boring Number:		1	Boring Number: 2
Surface Elevation of Boring	Same ground surface as last drainfield trench		Surface Elevation of Boring
		Same ground surface as last drainfield trench	
Depth In Inches	<u>Soils Encountered</u>		Depth In Inches
		<u>Soils Encountered</u>	
	Disturbed/Fill		0-16
	Disruption/Influence From Old Drainfield/Construction Of Garage		16-59
			10YR 3/3 Loamy (Fill/Disturbed) With Fill Redox
			10YR 3/6 Loamy Sand With Gravel ≈20% Rock Fragments
			Refusal At 59"
Depth To End Of Boring Or Redox		59"	Depth To End Of Boring Or Redox
Elevation Of Boring Relative To System		Same	Elevation Of Boring Relative To System
Depth To Bottom Of Distribution Media Of Separation		-27"	Depth To Bottom Of Distribution Media Of Separation
		=32"	
End Of Boring At:		End Of Boring At:	59"
Redox Present At:		Redox Present At:	None
Standing Water Present At:		Standing Water Present At:	None

Bottom Of Distribution Medium At: 27 Inches

SOIL BORING LOG SHEET

Location: COUNTRYSIDE

Date of Borings: 4/24/96

Boring Made By: Jeff Childers - Certification # 2122 - M.P.C.A. License # 958

DEPTH IN FEET	Boring # Elevation:	B5	DEPTH IN FEET	Boring # Elevation:
0			0	
1	TOP SOIL		1	
2			2	
3	BROWN SILT/TR. SAND		3	
4	MEDIUM SAND & GRAVEL		4	
5			5	
6	BROWN SAND&GRAVEL		6	
7			7	
8			8	

END OF BORING @ 6.00 FEET.
 WATER TABLE OR MOTTLED SOIL- NO
OBSERVATIONS AND COMMENTS- 4" HAND AUGER BORING.

END OF BORING @ FEET.
 WATER TABLE OR MOTTLED SOIL-

8603 34TH ST N
LAKE ELMO, MN
7/17/22 55092

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