MINNESOTA POLLUTION CONTROL AGENCY
520 Lafayette Road North
St. Paul, MN 55155-4194

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: Reason for Inspection Sale

Local regulatory authority info: Washington County

Property address: 12511 40th Street, Stillwater

Owner/representative: Verlyn Nice Owner's phone: 612-735-3476

Brief system description: 2 - 1000 gallon septic tanks and 4 gravity rock trenches

System status

System status on date (mm/dd/yyyy): 8/22/2024

☒ **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

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: Sewer Services Inc. Certification number: C1659

Inspector signature: *(This document has been electronically signed)* License number: 2502

Phone: 952-873-3292

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):

Property Address: 12511 40th Street, Stillwater

Business Name: Sewer Services Inc. Date: 8/22/2024

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

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:

Redundant Question

Attached supporting documentation:

☐ Empty tank(s) viewed by inspector

Name of maintenance business: Sewer Services Inc.

License number of maintenance business: 2502

Date of maintenance: 8/22/2024

☐ 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:

Property Address: 12511 40th Street, Stillwater
Business Name: Sewer Services Inc. Date: 8/22/2024

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

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 6/8/1999 (mm/dd/yyyy) ☐ Unknown

Shoreland/Wellhead protection/Food beverage lodging? ☐ Yes ☒ No

Attached supporting documentation:

☒ Soil observation logs completed for the report

☐ Two previous verifications of required vertical separation

☐ Not applicable (No soil treatment area)

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:* Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*
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:* Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*	☒ Yes ☐ No*
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)* Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*

☐ 1-12" 10yr 3/2 Loam

13-32 10yr 4/4 silty clay loam

33-49 10yr 4/4 fine sand

50-72 10 yr 4/4/ sand

No Redox

Indicate depths or elevations

A. Bottom of distribution media	32"
B. Periodically saturated soil/bedrock	72"+
C. System separation	36"
D. Required compliance separation*	40"+

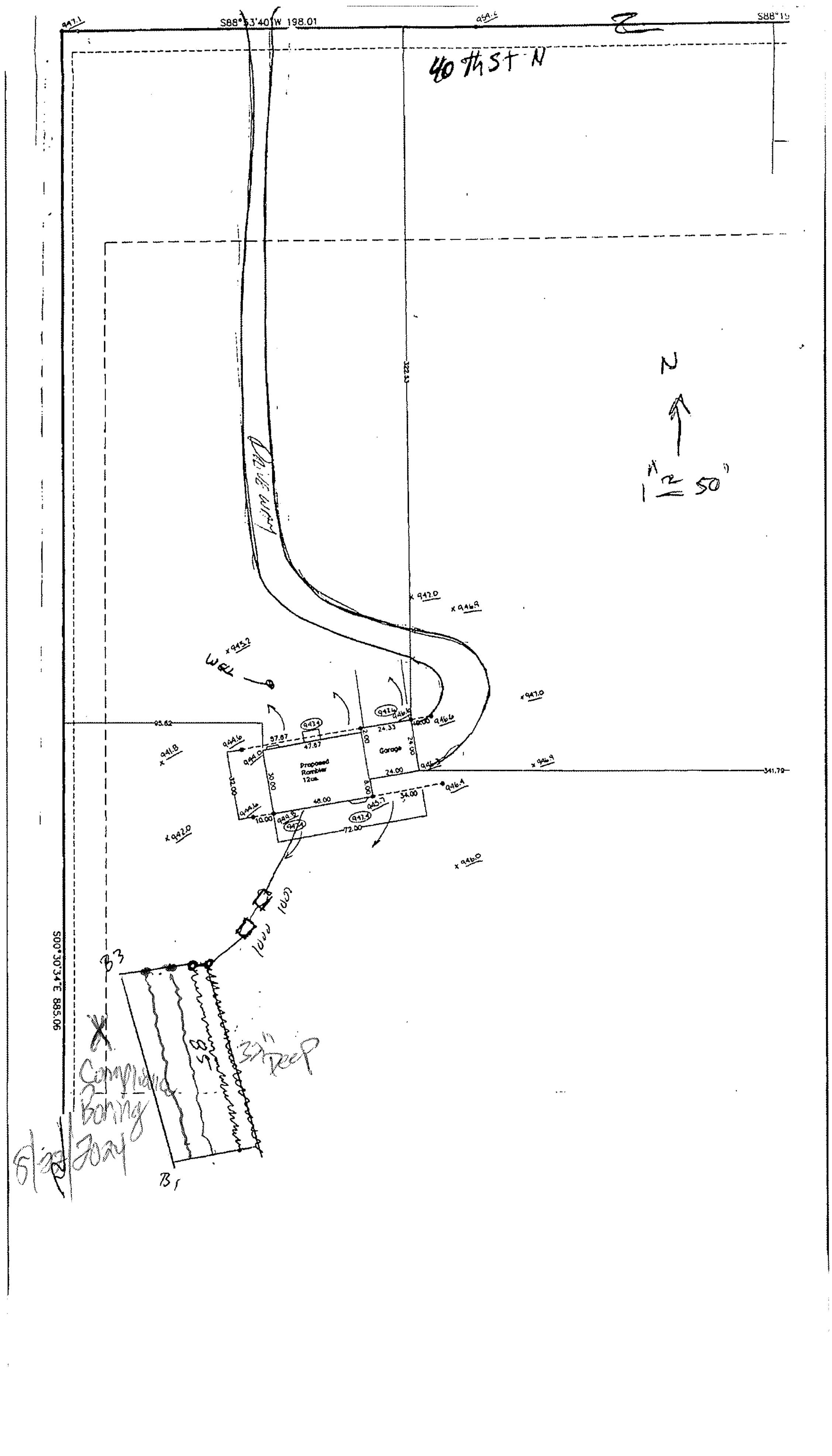
*May be reduced up to 15 percent if allowed by Local Ordinance.

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

Describe verification methods and results:

Redundant Question

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*


S88°53'40"W 198.01
40th St N
N
1" = 50'
Driveway
Well
Proposed Rambler 12 ac.
Garage
S00°30'34"E 885.06
B3
B5
B1
33" Deep
Compliance Boring
341.79
95.62
322.33

STANDARD SYSTEM DESIGN
INDIVIDUAL SEWAGE TREATMENT SYSTEM

WASHINGTON COUNTY HEALTH, ENVIRONMENT & LAND MANAGEMENT
14900 N. 61ST STREET, P.O. BOX 3803, STILLWATER, MN 55082-3803
612/430-6708 OR 612/430-6656 FAX 612/430-6730

Owner's Name	Paul Weaver - Weaver Const.
Job Site Address	Lot 2 Block 1 Fairview Ridge
City or Township	Bay town
Use of Building	Single Family Home

Design Flow Rate 300	Perc Rate 19.25 mpi	Land Slope 6.5 Percent	
Two Required Tank Sizes 1000 Gallons	500 Gallons	Lift Station Tank Size — Gallons	
Type of System (standard, at grade or bed) Standard			
System Size: 500 -Square Feet	167 -Lineal Feet	36" -Trench Width	
Depth of rock below pipe 12"		Depth of Rock Above Pipe 2"	
MINimum Depth of Trench From Existing Grade 30 Inches		MAXimum Depth of Trench From Existing Grade 36 Inches	
Recommended Number of Trenches 2		Recommended Length of Trenches 85'	
Trench Spacing Measured Center to Center 7 1/2 Feet			
Any Other Special Conditions Sewage ejection pump in basket for basement level effluent			

IF PRESSURE DISTRIBUTION IS USED, COMPLETE THE PRESSURE DISTRIBUTION WORK SHEET ATTACHED.

This design must be accompanied by a site plan that clearly shows the location of the area tested and approved by the following:

1. Use an appropriate scale and indicate direction by use of a north arrow.
2. Show **ALL** property boundaries, rights-of-way, easements, wetlands. If necessary, an enlarged detail of the house site may also be required.
3. Show location of house, garage, driveway and all other improvements existing or proposed.
4. Show location and layout of sewage treatment system.
5. Show location of water supply (well and/or community supply line).
6. Dimension all setbacks and separation distances.

This system has been designed by a Pollution Control Agency (PCA) Certified Professional.

Designer Name Barry Brown — PCA Certification # 1772

Address 3041 Woodlane Dr. Woodbury 55125 — Phone # 651-735-7321

Signature Barry J Brown — Date June 8, 1999