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: 27.027.20.33.0015 Reason for Inspection property sale

Local regulatory authority info: Washington County

Property address: 10909 Paris Ave S Denmark Twp, MN 55033

Owner/representative: George Miller Owner's phone: 651-208-3739

Brief system description: 2 septic tanks and a gravity rock trench drainfield.

System status

System status on date (mm/dd/yyyy): 9/21/2022

☒ **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

Reviewed design, permit, soil, inspection 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): Statement from owner refusing to remove solids and liquids through maintenance hole

Property Address: 10909 Paris Ave S Denmark Twp, MN 55033

Business Name: All State Septic Services LLC Date: 9/21/2022

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

Attached supporting documentation:

☐ Other:

☐ Not applicable

Describe verification methods and results:

None of the above observed.

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.

Attached supporting documentation:

☒ Empty tank(s) viewed by inspector

Name of maintenance business: Pinky's Sewer Service

License number of maintenance business: 9755

Date of maintenance: 9/21/2022

☐ 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:

Describe verification methods and results:

The maintenance hole covers are buried 1.5' below grade and the owner refused to expose the covers. See attached signed statement by the owner refusing to allow the removal of solids and liquids through the maintenance hole.

The tanks were at normal operating level, then were pumped through the pumping pipe for the inspection. Lowered a camera into the empty tanks - bottoms, walls, covers, baffles, risers and maintenance hole covers ok.

Property Address: 10909 Paris Ave S Denmark Twp, MN 55033
Business Name: All State Septic Services LLC Date: 9/21/2022

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) ☐

Property Address: 10909 Paris Ave S Denmark Twp, MN 55033
Business Name: All State Septic Services LLC Date: 9/21/2022

5. Soil separation – Compliance component #5 of 5

Date of installation 12/10/1993 (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

Indicate depths or elevations

A. Bottom of distribution media	2.7
B. Periodically saturated soil/bedrock	4.9
C. System separation	2.2
D. Required compliance separation*	2.0

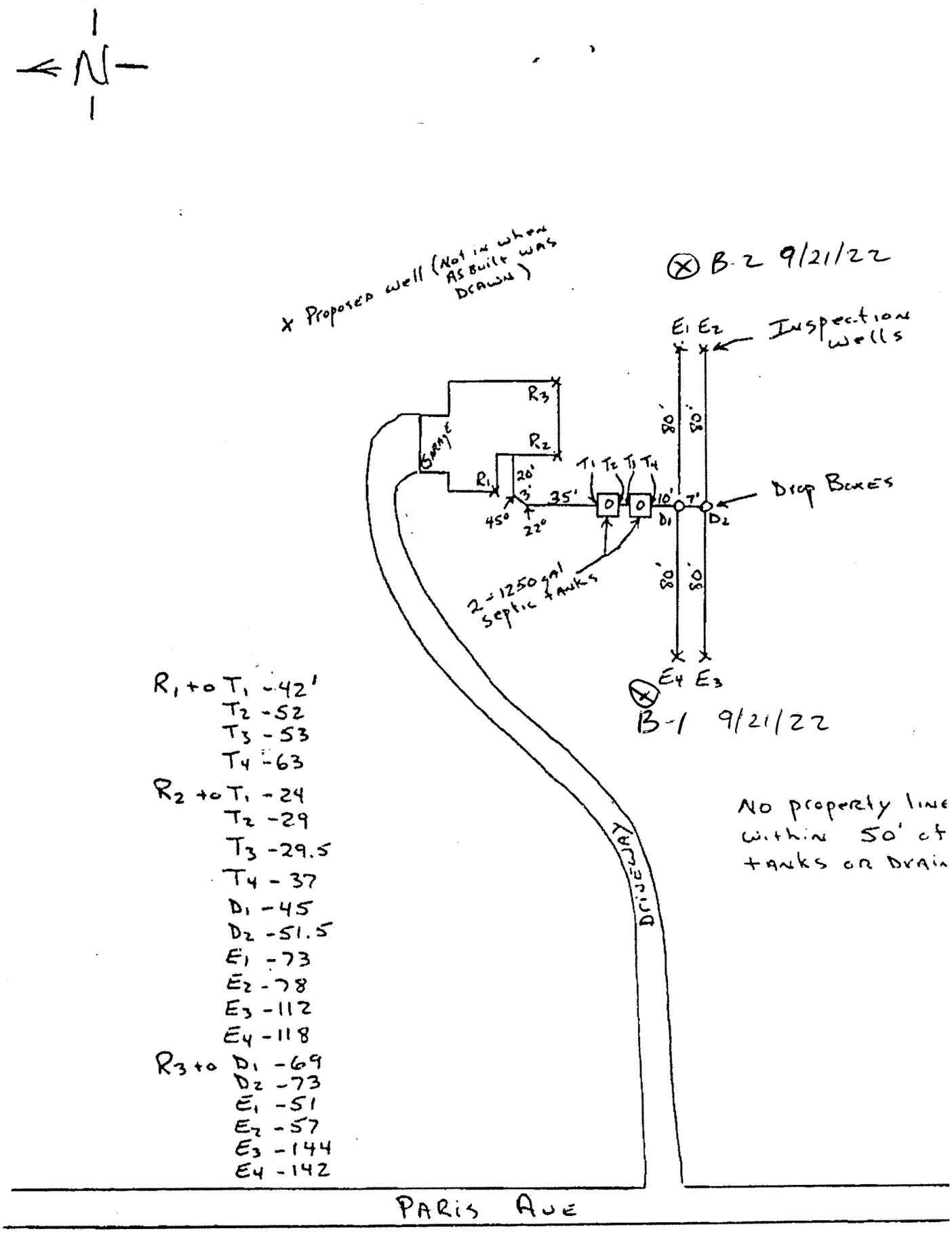
*May be reduced up to 15 percent if allowed by Local Ordinance.

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

Describe verification methods and results:

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



R_1 to T_1 -42'
T_2 -52
T_3 -53
T_4 -63

R_2 to T_1 -24
T_2 -29
T_3 -29.5
T_4 -37
D_1 -45
D_2 -51.5
E_1 -73
E_2 -78
E_3 -112
E_4 -118

R_3 to D_1 -69
D_2 -73
E_1 -51
E_2 -57
E_3 -144
E_4 -142

No property line within 50' of tanks or Drain

Soil Observation Log

Project ID: v 04.01.2021

Client:	George Miller	Location / Address:	10909 Paris Ave S Denmark Twp, MN 55033

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

Landscape Position: (select one)	Slope %:	Slope shape	Elevation-relative to benchmark:
Vegetation: lawn	Soil survey map units:		Limiting Layer Elevation:
Weather Conditions/Time of Day:	clear am		Date 09/21/22
Observation #/Location: B-1		Observation Type:	Auger

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure: Shape	Structure: Grade	Structure: Consistence
0-16	loam	<35%	10YR 2/2						
16-42	loam	<35%	10YR 4/3						
42-59	loam	<35%	10YR 5/4						
59-66	sandy loam	<35%	7.5YR 4/4	10YR 6/8	Concentrations	S1			
				10YR 5/2	Depletions	S1			

Comments: Faint redox at 59"

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

Tom Trooien	Tom Trooien	1568	9/21/22
(Designer/Inspector)	(Signature)	(License #)	(Date)

Soil Observation Log

Project ID: v 04.01.2021

Client:	George Miller	Location / Address:	10909 Paris Ave S Denmark Twp, MN 55033

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

Landscape Position: (select one)	Slope %:	Slope shape	Elevation-relative to benchmark:
Vegetation: lawn	Soil survey map units:		Limiting Layer Elevation:
Weather Conditions/Time of Day:	clear am		Date 09/21/22
Observation #/Location: B-2		Observation Type:	Auger

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure: Shape	Structure: Grade	Structure: Consistence
0-12	loam	<35%	10YR 2/2						
12-32	loam	<35%	10YR 4/3						
32-50	loam	<35%	10YR 3/4						
50-60	silt loam	<35%	7.5YR 6/4						

Comments

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

Tom Trooien	Tom Trooien	1568	9/21/22
(Designer/Inspector)	(Signature)	(License #)	(Date)

Sewage tank maintenance reporting form

Reporting information

Date of maintenance (mm/dd/yyyy): 9/21/22 **Reason for maintenance:** Routine

Property address: 10C109 Pleasant Ave So Parcel ID:

City: Hastings State: MN Zip code: 55033

Property owner's name: George Miller

Property-owner's address *if different*:

City: State: Zip code:

Phone number: Email address:

1. **Did you measure the accumulation of scum and sludge?** ☐ Yes ☑ No (tank(s) pumped without measuring)

Tank (check if present)	Scum	Sludge	Operating depth	Percent full
☐ Septic/holding tank #1				
☐ Septic/holding tank #2				
☐ Pretreatment tank				
☐ Pump tank				

2. **Access used to remove septage:** ☐ Maintenance hole ☑ Other (Unless a holding tank, go to #4 below)

3. **If the maintenance hole was used, were all covers secured in place?** ☐ Yes ☐ No If no, *please explain below*:

4. **If the owner refuses to allow a Subsurface Sewage Treatment System (SSTS) to be pumped through the maintenance hole, have them complete and sign the following statement.**

I, George Miller, refuse to allow the removal of the solids and liquids through the maintenance hole. I understand that removal of solids and liquids through other access points is not considered a compliant method of solids removal and does not fulfill the solids removal requirements of Minn. R. 7080.2450 and 7082.0500.
(Print owner's name)

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.

Owner's signature: Date (mm/dd/yyyy): 9/27/2020

5. **Is the tank designed as a leaky tank?** *(Example: seepage pit, cesspool, drywell, leaching pit)*

Tank #1: ☐ Yes ☑ No Verification method used: VISUAL

Tank #2: ☐ Yes ☑ No Verification method used: VISUAL

6. **Is there evidence of the following?**

Tank (check if present)	Tank leaks below the designed operating depth	Tank leaks above the designed operating depth	Maintenance hole cover is damaged, cracked, unsecured, or appears to be structurally unsound
☑ Septic/holding Tank #1	☐ Yes ☑ No	☐ Yes ☑ No	☐ Yes ☑ No
☐ Septic/holding Tank #2	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☑ No
☐ Pretreatment Tank	☐ Yes ☐ No	☐ Yes ☐ No	☐ Yes ☐ No
☐ Pump Tank	☐ Yes ☑ No	☐ Yes ☐ No	☐ Yes ☑ No

Describe detail for any "Yes"

7. **How many gallons of septage were removed?**

Tank #1: 1500 Tank #2: 1000 Pretreatment Tank Pump Tank checked

8. **Where was the septage taken?** ☑ Wastewater treatment facility ☐ Land application ☐ Other

Explanation (Facility name/Site #): Met Council Metro Plant

9. **Did you identify any operational issues or unsafe conditions while assessing the sewage tanks in this system?**

☐ Yes ☑ No If yes, identify tank and explain

☐ Evidence of non-domestic waste ☐ Baffle(s) condition ☐ Effluent screen condition

☐ Maintenance hole and extensions condition ☐ Other conditions (e.g. structural integrity of tank or lid, electrical hazard, etc.)

Explanation:

10. **List any troubleshooting and minor repairs completed or declined by owner:**

☐ Troubleshooting and repairs conducted:	☐ Repairs declined by owner:
None	

Additional comments or suggestions for owner's consideration:

Pumping record

Company information

Pinky's Sewer Service
PO Box 354 Afton, MN 55001
651-439-4867 4947
MN License 1673
WI License 2118

Employee's signature: Eddie Ogren