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: Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached supporting documentation – additional local requirements may also apply. Further information can be found here: https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf.

Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance.

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 2102921120008 Local regulatory authority: Washington County

Property address: 8567 Stillwater Blvd N Lake Elmo MN 55042

Owner/representative: Timothy Holst Owner's phone: 651-210-2972

Brief system description: Gravity

System status

System status on date (mm/dd/yyyy): 4/28/2021

☐ **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**

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.

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

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: Soil Investigation & Design, Inc. Certification number: 3263

Inspector signature: Paul Brandt PSS License number: 5182

(This document has been electronically signed) Phone: 6512603783

Necessary or locally required supporting documentation (must be attached)

☒ Soil observation logs ☐ 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	☐ 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:

Owner testimony, site observation

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:

Attached supporting documentation:

☐ Pumped at time of inspection

Name of maintenance business: Pinky's Envi. Sewer Service

License number of maintenance business: L1673

Date of maintenance: 04/15/21

☒ Existing tank integrity assessment (Attach)

Date of maintenance (mm/dd/yyyy): 04/15/21 (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 _____ ☒ Unknown
(mm/dd/yyyy)

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

Attached supporting documentation:

☒ Soil observation logs completed for the report (Attach)

☐ Two previous verifications of required vertical separation *(Attach)*

☐ 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 (Advanced Inspector License required)* Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*

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

Indicate depths or elevations

A. Bottom of distribution media	949
B. Periodically saturated soil/bedrock	942
C. System separation	4
D. Required compliance separation*	3

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

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.*

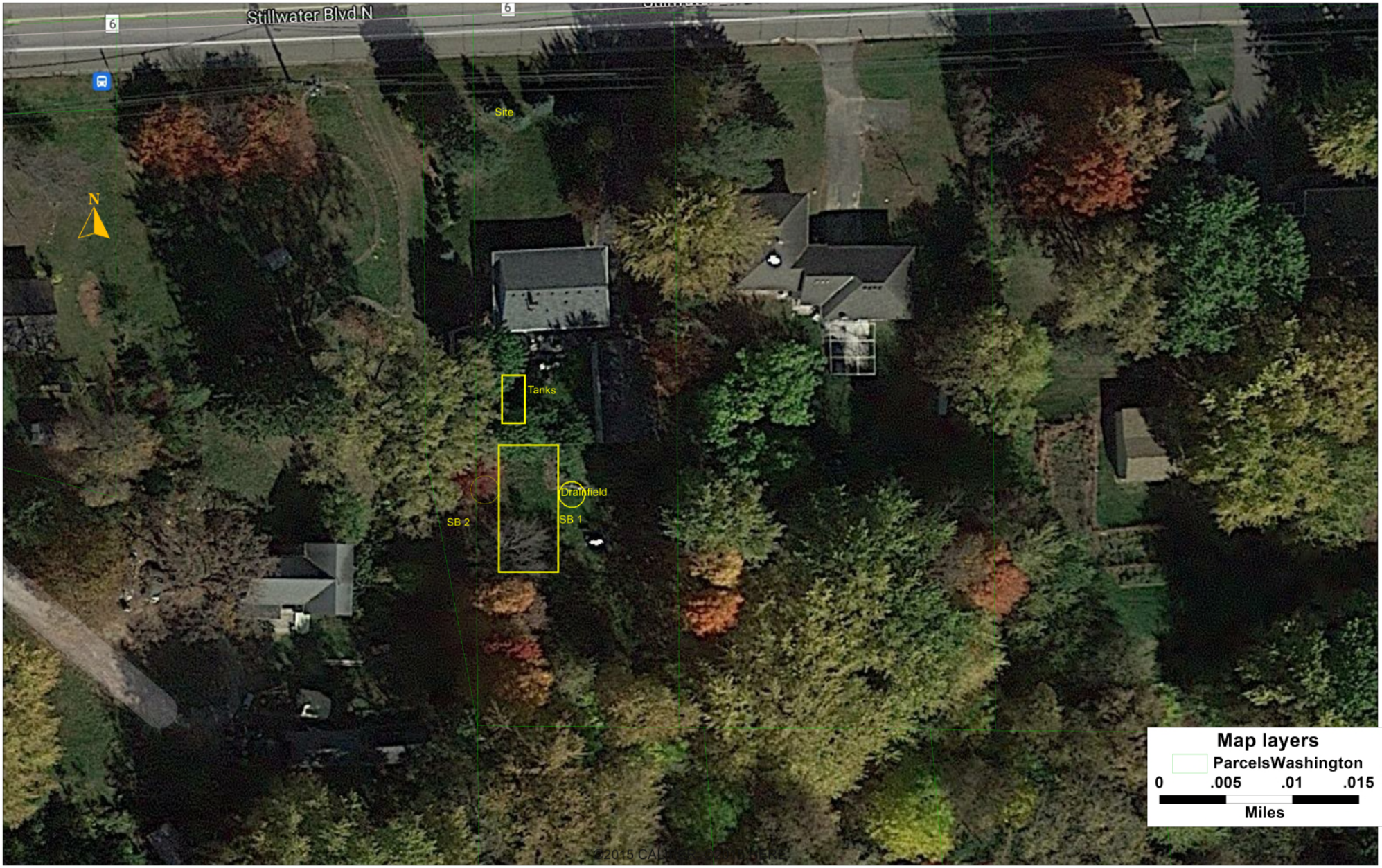

Figure1: Site Detail Map

Soil Investigation & Design, Inc,
2809 78th Ave. N
Brooklyn Park, Mn 55444
pbrandt@soilinvestigations.us
651-260-3783

Client: Tim Holst
Address: 8567 Stillwater Blvd N Lake Elmo MN 55042

Soil Observation Log

Project ID:

Client:	Mr. Tim Holst	Location / Address:	8567 Stillwater Blvd N Lake Elmo MN 55042

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

Landscape Position: (select one)	Back/Side Slope	Slope %:	1.0	Slope shape:	Linear, Linear
Elevation: LIDAR	949.0				
Vegetation:	Grass	Soil survey map units:		Limiting Layer Elevation:	943
Weather Conditions/Time of Day:	Cold Overcast	14:30	Date	04/20/21	
Observation #/Location:	SB 1	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 to 5	Clay Loam	5	10YR 3/2				Blocky	Moderate	Friable
5 to 14	Clay Loam	5	10YR 3/4				Blocky	Moderate	Friable
14 to 20	Clay Loam	5	10YR 5/4				Blocky	Moderate	Friable
20 to 43	Clay Loam	5	7.5YR 4/6				Blocky	Moderate	Friable
43 to 72	Silty Sand	5	7.5YR 4/6				Granular	Moderate	Friable

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

Paul J. Brandt	Paul J Brandt PSS	5182	21-Apr-21
(Designer/Inspector)	(Signature)	(License #)	(Date)

I hereby certify that this plan, document, or report was prepared by me or under my direct supervision and that I am a Licensed Professional Soil Scientist under the Laws of the State of Minnesota.

Date 21-Apr-21 License Number 30007

Signature Paul J Brandt PSS

Notes: This soil profile is abridged to meet the requirements for septic systems. If a complete soil profile description is needed they will be supplied upon request.

Soil Observation Log

Project ID:

Client:	**Mr. Tim Holst**	Location / Address:	8567 Stillwater Blvd N Lake Elmo MN 55042

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Landscape Position: (select one)	Back/Side Slope	Slope %:	1.0	Slope shape:	Linear, Linear
Elevation: LIDAR	949.0				
Vegetation:	Grass	Soil survey map units:		Limiting Layer Elevation:	943
Weather Conditions/Time of Day:	Cold Overcast	14:30	Date	04/20/21	
Observation #/Location:	SB 2	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 to 5	Clay Loam	5	10YR 3/2				Blocky	Moderate	Friable
5 to 244	Clay Loam	5	7.5YR 5/6				Blocky	Moderate	Friable
14 to 72	Silty Sand	5	7.5YR 4/6				Granular	Moderate	Friable

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

Paul J. Brandt	Paul J Brandt PSS	5182	21-Apr-21
(Designer/Inspector)	(Signature)	(License #)	(Date)

I hereby certify that this plan, document, or report was prepared by me or under my direct supervision and that I am a Licensed Professional Soil Scientist under the Laws of the State of Minnesota.

Date 21-Apr-21 License Number 30007

Signature Paul J Brandt PSS

Notes: This soil profile is abridged to meet the requirements for septic systems. If a complete soil profile description is needed they will be supplied upon request.

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
GOVERNMENT CENTER
14949 62nd STREET NORTH P.O. BOX 6 STILLWATER, MN 55082-0006
Office: 651-430-6655 TTY: 651-430-6246 FAX: 651-430-6730

Washington County

Subsurface Sewage Treatment System Maintenance Permit

This section must be completed in its entirety to constitute a valid maintenance permit. This permit must be completed prior to performing maintenance activities and remain on-site for the duration of the maintenance activity.

Date of Maintenance: 4-15-21 Reason for Maintenance: Routine

Property Address: 8567 Stillwater Blvd N Property Owner's Name: Tim Holst

Municipality: Lake Elmo ZIP: 55042 Property Identification Number: _____

Maintenance Permit No: Y7270Y22484 Maintainer Name and License No. Pinky's Environmental Sewer Service/ L1673

Maintenance Performed	Tank Measurement (must be completed if tanks NOT pumped)
☑ Tank(s) Pumped ☐ Sludge and scum measured Do tanks need to be pumped? ☐ Yes ☐ No (if no provide measurements)	Liquid Level of Tank _____ in Sludge Level in Tank _____ in Scum Level in Tank _____ in Sludge + Scum _____ / Liquid Level _____ X 100 = % Sludge & Scum Tanks must be pumped if 25% or greater

1. **Access used to remove septage:** ☑ Maintenance Hole ☐ Other (enter authorization code)
2. **Were all covers securely replaced?** ☑ Yes ☐ No
3. **Is there evidence of tank leakage from a septic, holding, pretreatment or pump tank below the operating depth or evidence of damaged, cracked, or structurally unsound maintenance hole covers?** ☐ Yes ☑ No

Tank	Leaking Out	Leaking In	Cover Damage
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

4. **How many gallons of septage were removed?**
   Tank #1 150 gal Tank #2 _____ gal Pretreatment tank _____ gal Pump Tank _____ gal
5. **Other information: List any troubleshooting, minor repairs conducted, tank safety concerns, or other concerns.**

_____

_____

6. Location of septage disposal: SL. pgal

Pinky's Environmental Sewer Service Inc.
PO Box 354
Afton MN 55001
P: 651-439-4847 License Number: L1673

Maintenance activities must be reported to the Department within 90 days.