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: 2803021210004 Local regulatory authority: Washington county

Property address: 8495 80TH ST N

Owner/representative: : BOSACKER ANNA L Owner's phone:

Brief system description: SEPTIC TANK, LIFT TANK AND MOUND, ORIGINAL FROM 2013

System status

System status on date (mm/dd/yyyy): 5/13/2022

☒ **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**

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: LASHINSKI SERVICES, INC. Certification number: 3053

Inspector signature: *(This document has been electronically signed)* License number: L65

Phone: 612-919-3704

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:

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: LASHINSKI SEPTIC

License number of maintenance business: L65

Date of maintenance: 5/13/2022

☐ 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: _____

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 11/6/2013 ☐ 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	18"
B. Periodically saturated soil/bedrock	55""
C. System separation	39"
D. Required compliance separation*	36"

*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.*

Compliance Inspection Attachment for Existing Individual Sewage Treatment Systems

Address 8495 80TH St N, Grant

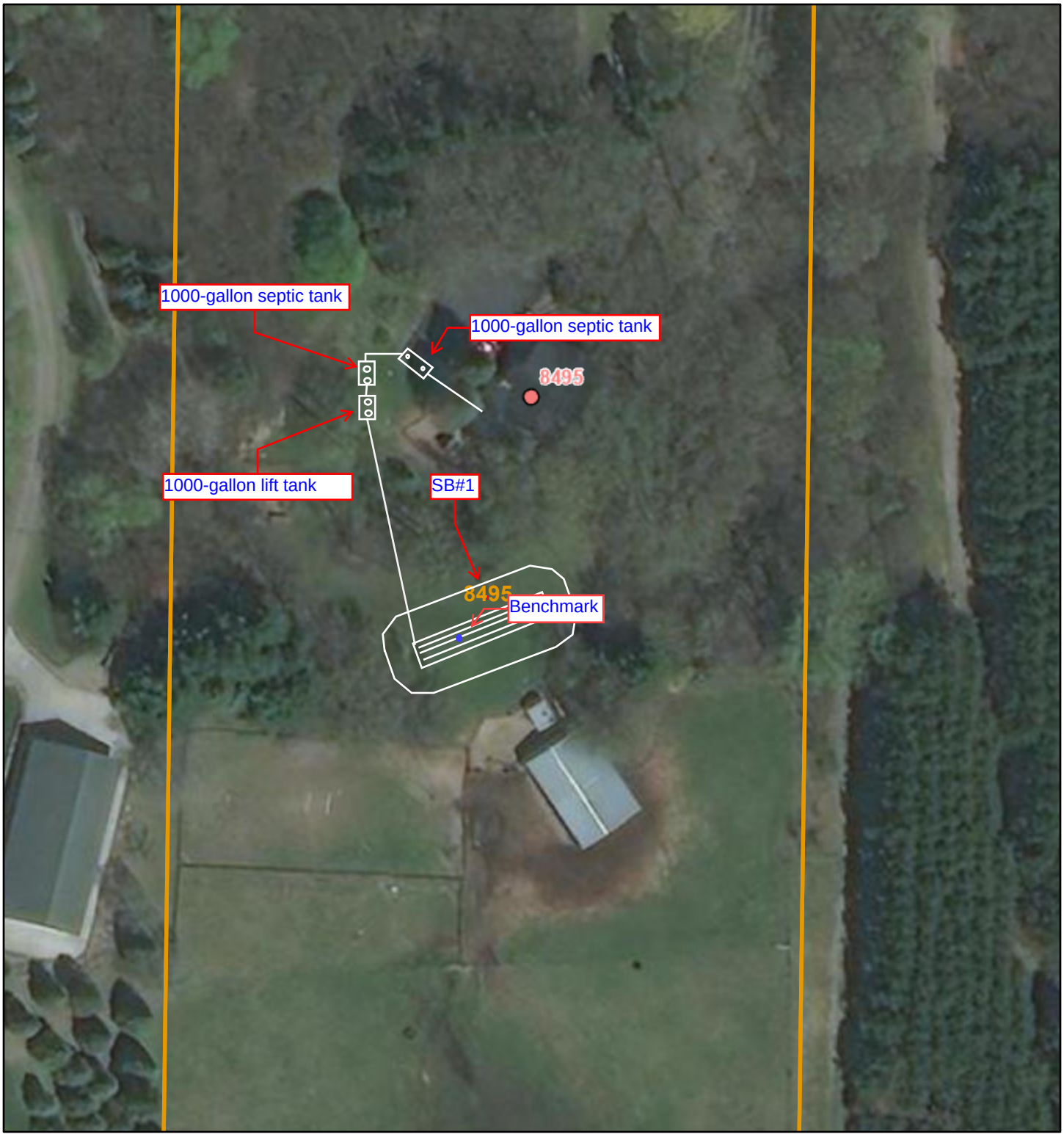
Boring #1 Elevation:	Boring #2 Elevation:	Boring #3 Elevation:"
0-13 3/4 10YR bark brown sand -55 washed mound sand -64 3/4 10YR brown fine sand Mottles found at 55"		

Sketch:

See attached

Comments: Benchmark = Top of rock. Assumed elevation = 100'0". Soil borings #1 indicated redoximorphic mottling at 55", this system does meet the required 36" vertical separation from seasonally saturated soils, soils were verified at the time of installation by Washington County. The system consists of 2 1000-gallon septic tanks, a 1000-gallon lift tank and approximately 500sq/ft of drain field with 6" of rockunder the distribution media. The tanks were pumped at the time of this inspection, the baffles are intact and in goodshape and the tanks are sealed and watertight. This system is classified as compliant. This inspection is not a warranty orguarantee, either written or implied, of future or long-term hydraulic functionality/performance, but rather adetermination if the systems use is/may cause pollution and/or adverse harm to the environment, groundwater or publichealth and safety at the time of this inspection. No guarantee can be made on future hydraulic performance, or theperformance of system components (pumps, controls, etc.). Changes in use can cause any system, failing or compliant,to become hydraulically overloaded and ultimately fail. Owner/buyer assumes full responsibility for the long-termperformance of this system as well as any future upgrade, repairs or replacement costs. Liability is limited to the cost of this inspection.

ArcGIS Web AppBuilder



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0 0.01 0.01 0.02 mi

0 0.01 0.02 0.04 km

Parcels

Address Points

UNIVERSITY OF MINNESOTA

Onsite Sewage Treatment Program Soil Observation Log

Client/ Address: 8495 Bott	Legal Description/GPS:	Date: 11/14/13
Soil Parent Material(s) (circle all that apply): **(Till)** Outwash Lacustrine Alluvium Loess Organic Matter Bedrock	Superior Lobe Till	
Landscape Position: Summit Shoulder Back/Side Slope Foot Slope Toe Slope (circle one)	Slope Shape: 8% Toward House	
Vegetation:	Soil Survey Map Unit(s): Duluthville	Slope (%):
Weather conditions/Time of Day:	Observation #/Location/Method:	Elevation:

Depth (in)	Texture	Rock Frag %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Saturated Soil Indicator(s) (see back)	Structure Shape	Structure Grade	Consistence
0-8	Sandy loam		7.5 3/3	N	Concentrations Depletions Gleyed		Granular Platy **(Blocky)** Prismatic Single Grain Massive	Weak **(Moderate)** Strong Loose	Loose **(Friable)** Firm Extremely Firm Rigid
8-12. Dib 12"	Sandy loam	est 10	7.5 5/4	12" 7.5 5/2 6/4	**(Concentrations)** **(Depletions)** Gleyed		Granular Platy **(Blocky)** Prismatic Single Grain Massive	Weak **(Moderate)** Strong Loose	Loose Friable **(Firm)** Extremely Firm Rigid
					Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
					Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
					Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
					Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid

Comments: 24" SB

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

(Designer) ________ P. [signature] (Signature) ________ (License #) ________ (Date) ________

LOGS OF SOIL BORINGS

Location of Project Kevin McTigue, 10 acres, Sec. 26, City of Grant, Washington Co.
Borings Made by Chris Zierke Date: 10/14/13
Hand bucket auger used for borings; USDA – SCS Soil Classification used.

Boring Number 1

Depth, In Feet	
0	
0-6"	Dark-brown sandy loam(7.5YR-3/3)
6-24"	Brown sandy loam(7.5YR-4/4), pebbles common
24-36"	Strong-brown loam(7.5YR-4/6), iron-st. light-gray mottles, pebbles

End of boring at 3 feet.
Standing water table:
Present at feet of depth, hours after boring.
Standing water not present in hole ☒.
Mottled Soil:
Observed at 2 feet of depth.
Mottled soil not present in bore hole ☐.
Comments:

Boring Number 2

Depth, In Feet	
0	
0-6"	Dark-brown sandy loam(3/3)
6-12"	Brown sandy loam(4/4)
12-24"	Brown sandy loam(7.5YR-5/4), iron-st. & light-gray mottles below 20", pebbles common

End of boring at 2 feet.
Standing water table:
Present at feet of depth, hours after boring.
Standing water not present in hole ☒.
Mottled Soil:
Observed at 20" feet of depth.
Mottled soil not present in bore hole ☐.
Comments:

Boring Number 3

Depth, In Feet	
0	
0-6"	Dark-brown sandy loam(3/3)
6-24"	Brown sandy loam(4/4), iron-st. & light-gray mottles below 12", pebbles common

End of boring at 2 feet.
Standing water table:
Present at feet of depth, hours after boring.
Standing water not present in hole ☒.
Mottled Soil:
Observed at 1 feet of depth.
Mottled soil not present in bore hole ☐.
Comments:

Boring Number 4

Depth, In Feet	
0	
0-12"	Dark-brown sandy loam(3/3)
12-15"	Brown sandy loam(5/4), iron-st., light-gray mottles

End of boring at 1.3 feet.
Standing water table:
Present at feet of depth, hours after boring.
Standing water not present in hole ☒.
Mottled Soil:
Observed at 1 feet of depth.
Mottled soil not present in bore hole ☐.
Comments: