

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: 0603220340008 Local regulatory authority: WASHINGTON COUNTY

Property address: 23200 MANNING TRL SCANDIA MN

Owner/representative: GENEREAU SHAWN E & ALLISON Owner's phone: _____

Brief system description: SEPTIC TANK AND GRAVITY TRENCHES

System status

System status on date (mm/dd/yyyy): 6/13/2023

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: *[Signature]*

License number: L65

(This document has been electronically signed)

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	<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:

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:

Attached supporting documentation:

- Pumped at time of inspection
- Name of maintenance business: LASHINSKI
- License number of maintenance business: L65
- Date of maintenance: 6/13/2023
- 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 6/26/2005 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 (Advanced Inspector License required) 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 (Attach)
- Two previous verifications of required vertical separation (Attach)
- Not applicable (No soil treatment area)
- PREVIOUS VERIFICATIONS ATTACHED

Indicate depths or elevations

A. Bottom of distribution media	<30"
B. Periodically saturated soil/bedrock	<66"
C. System separation	>36"
D. Required compliance separation*	36"

*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:

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.

ArcGIS Web AppBuilder

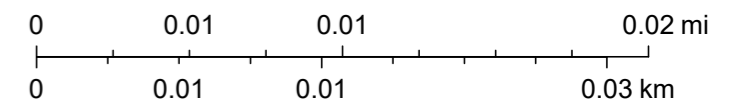


6/15/2023, 8:57:25 AM

Wash_Co_mosaic_2022.jp2

- | | | | | | | | |
|--|---------------|---|--------------|---|------------|---|------------------|
|  | Red: Band_1 |  | Blue: Band_3 |  | NOTATIONAL |  | BLOCK NUMBER |
|  | Green: Band_2 |  | Parcels |  | GOVT LOT |  | DIMENSION LEADER |
| | |  | PARKS | | |  | MUNICIPAL |

1:564





Compliance Inspection Attachment for Existing Individual Sewage Treatment Systems

Address 23200 Manning Trail, Scandia

Boring #1 Elevation: "	Boring #2 Elevation:"	Boring #3 Elevation:"
0-6 10YR 3/4, 4/4 loamy topsoil -29 10YR 4/4, 5/4 fine sand. -66 10YR 5/4, 5/4 loamy fine sand and gravel. No redoximorphic mottling observed, soil dry.		

Sketch:

See attached

Comments: Benchmark = bottom of drop box in last trench. Assumed elevation = 100'0. Soil boring #1 indicated no redox mottling at a depth of 66". The system does meet the required 36" vertical separation distance from seasonally saturated soils. The system consists of two 1000-gallon septic tank, a 1000-gallon lift tank and approximately 800 sq. ft. of gravity drainfield trenches with 12" of rock beneath distribution pipe. The tanks were pumped for the purpose of this inspection, the baffles are intact and in good shape. Soil borings into the rockbed of the trenches indicated normal to dry conditions with no signs ponding. This inspection is not a warranty or guarantee, either written or implied, of future or long-term hydraulic functionality/performance, but rather a determination if the systems use is/may cause pollution and/or adverse harm to the environment, groundwater or public health and safety at the time of this inspection. No guarantee can be made on future hydraulic performance, or the performance of system components (pumps, controls, etc.) This inspection makes no determination of future use beyond the date of this report. Owners/buyers assumes full responsibility for the long-term performance of this system as well as any future upgrade, repairs or replacement costs. Liability is limited to the cost of this inspection.



Compliance Inspection Attachment for Existing Individual Sewage Treatment Systems

Address 23200 Manning Trail, Scandia

Boring #1 Elevation:	Boring #2 Elevation	Boring #3 Elevation:
0-6 10YR 3/2, 3/4 dark yellowish brown fine sand. -18 10YR 4/4 yellowish brown medium sand and gravel. -72 10YR 5/4 yellowish brown medium sand and gravel. No redoximorphic mottling observed.		

Sketch:

Comments: Benchmark = Top of distribution pipe in trench #1. Assumed elevation = 100'0". Soil borings #1 indicated no signs of redoximorphic mottling at a depth of 36" beneath the rockbed. The system does meet the required three foot vertical separation from seasonally saturated soils. The system consists of 2)1000-gallon septic tanks, a 1000-gallon lift tank and gravity drainfield trenches. The lift pump was manually run and the system dosed with approximately 200 gallons of effluent and no signs of excessive moisture and/or ponding was observed in the rockbed or. The liquid level in each drop box was at or below normal operating levels. The house has, however, been vacant prior to and during this inspection, therefore the system has not been receiving regular use. This inspection is not a warranty or guarantee, either written or implied, of future or long-term hydraulic functionality/performance, but rather a determination if the systems use is/may cause pollution and/or adverse harm to the environment, groundwater or public health and safety at the time of this inspection. This inspection was completed in the winter and due to snow and frozen conditions, the tanks were not able to be dug up and exposed. Verification of the tanks was determined by reviewing county records of installation in 2005. Changes in use can cause any system to become hydraulically overloaded and ultimately fail. Buyers assume full responsibility for the long-term performance of this system. Liability is limited to the cost of this inspection.

INSTALLER INFORMATION

Jon Sampson

Installed by: Print Name

Signature

Drawn By: (if different than installer)

1055

MPCA Lic. #

651-674-7430

Phone number

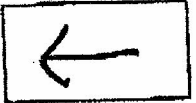
6-26-05

Date

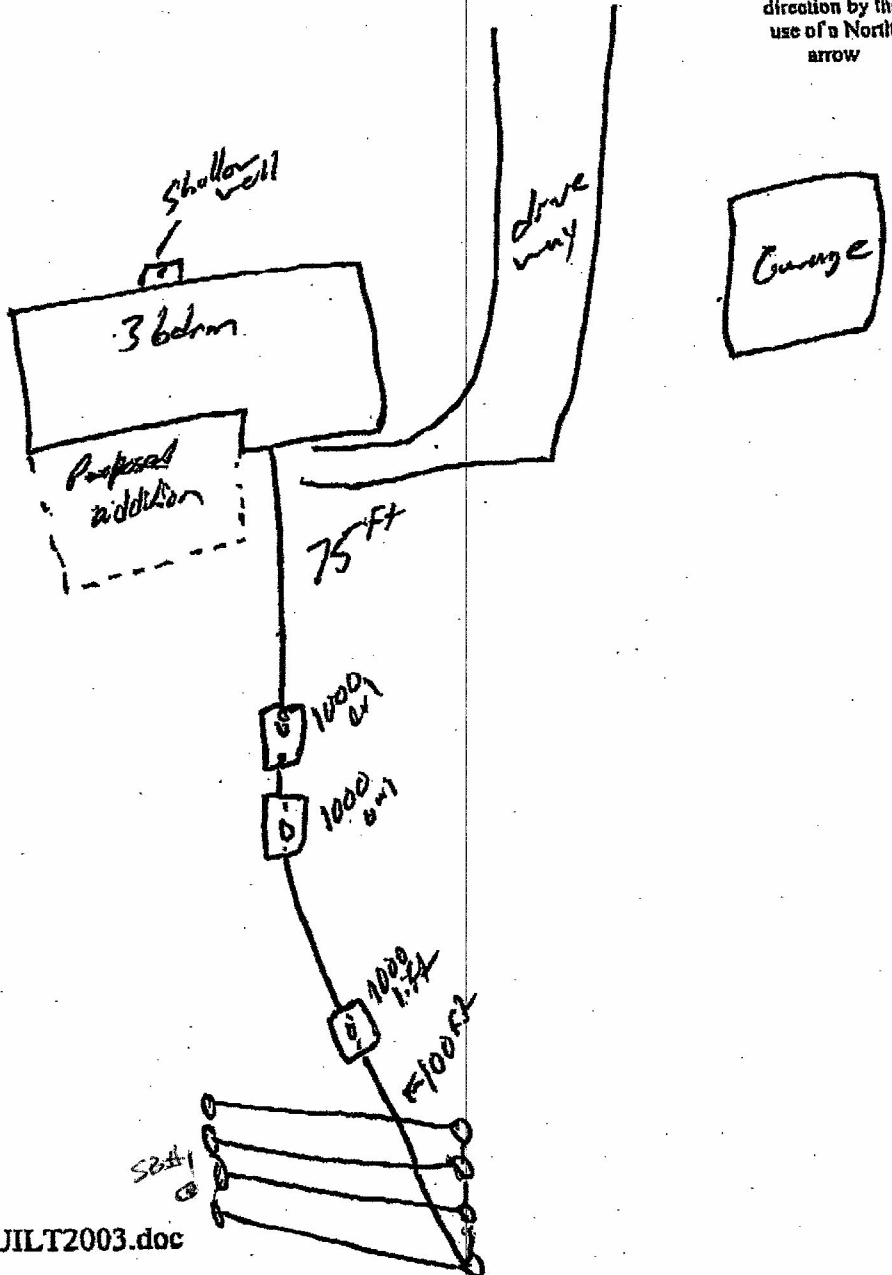
At a minimum, include the following information:

(Check list)

- Lot lines
- Right of ways
- Easements
- House, buildings & other improvements
- Driveway & nearest road
- Lay out of sewage treatment system including tanks
- Location of maintenance covers
- Location of buried sewer pipe(s)
- Location of distribution pipes
- Location of all wells within 100 ft of sewage treatment system
- Location of underground water lines
- All setbacks
- Use appropriate scale or ID all distances



Indicate direction by the use of a North arrow



SOIL BORING LOG

MAC'S SEWER SERVICE: By Michael D. McElhatton-Designer I

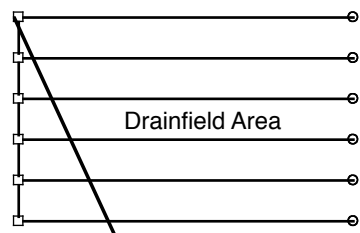
Name: Bald Eagle Builders

Date: 7/27/04

Location: 23200 Manning Tr. No., Scandia, MN.

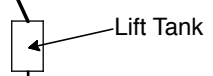
USDA-SCS; Recovered by hand auger

Depth Inches	SOIL BORING # 1 Surface Elevation: 100'	Depth Inches	SOIL BORING # 2 Surface Elevation: 103' 4"
0-72	7.5yr 5/4 lgt brown course sand & gravel No Mottling	0-72	7.5yr 5/4 lgt brown course sand & gravel No Mottling
End of Boring at <u>6</u> ft. Standing Water at _____ ft. Not present in hole <u>X</u> . Mottled soil at _____ ft. Not present in hole <u>X</u> . Comments: _____		End of Boring at <u>6</u> ft. Standing Water at _____ ft. Not present in hole <u>X</u> . Mottled soil at _____ ft. Not present in hole <u>X</u> . Comments: _____	
Depth Inches	SOIL BORING # 3 Surface Elevation : 102'	Depth Inches	SOIL BORING # 4 Surface Elevation : 99' 10"
0-72	7.5yr 4/4 med brown course sand & gravel No Mottling	0-24	10yr 4/4 lgt tan silt loam & gravel Stopped by gravel
End of Boring at <u>6</u> ft. Standing Water at _____ ft. Not present in hole <u>X</u> . Mottled soil at <u>X</u> ft. Not present in hole _____. Comments: _____		End of Boring at <u>2</u> ft. Standing Water at _____ ft. Not present in hole <u>X</u> . Mottled soil at _____ ft. Not present in hole <u>X</u> . Comments: _____	

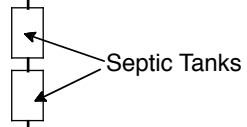


Drainfield Area

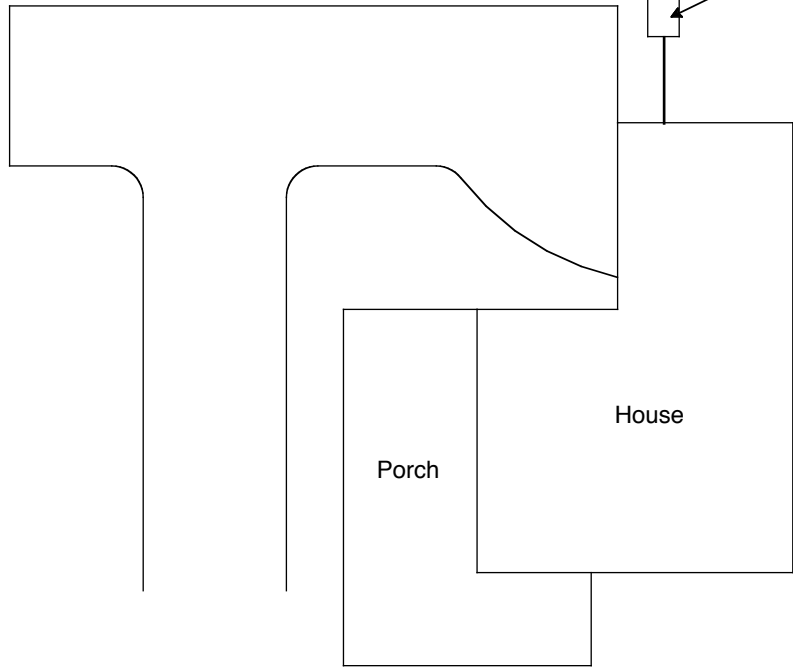
○ B-1 By Inspect MN



Lift Tank



Septic Tanks



House

Porch

NO SCALE

23200 Manning Trail N, Scandia, MN 55073

Log Of Soil Borings

Location of Project:		23200 Manning Trail N, Scandia, MN 55073	
Borings Made By:		Inspect Minnesota	Date: 3/10/15
Auger Used:		Hand/Bucket	Classification System: USDA
Boring Number:		1	Boring Number:
Surface Elevation of Boring	Same ground surface as drainfield		Surface Elevation of Boring
Depth In Inches	<u>Soils Encountered</u>		Depth In Inches
0-15 15-54 54-78	10YR 3/3 Sandy Loam 7.5YR 4/4 Medium Coarse Sand With Gravel 10YR 5/4 Fine Medium Sand		
78"	Depth To End Of Boring Or Redox		Depth To End Of Boring Or Redox
Same	Elevation Of Boring Relative To System		Elevation Of Boring Relative To System
-20"	Depth To Bottom Of System		Depth To Bottom Of System
≥58"	Of Separation		Of Separation
End Of Boring At:		78"	End Of Boring At:
Redox Present At:		None	Redox Present At:
Standing Water Present At:		None	Standing Water Present At:

Bottom Of Distribution Medium At: 20 Inches
