



Minnesota Pollution Control Agency

520 Lafayette Road North
St. Paul, MN 55155-4194

Compliance Inspection Form

Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also apply.

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

For local tracking purposes:

System Status

System status on date (mm/dd/yyyy): 8/24/2020

Compliant – Certificate of Compliance

(Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)

Noncompliant – Notice of Noncompliance

(See Upgrade Requirements on page 3.)

Reason(s) for noncompliance (check all applicable)

- Impact on Public Health (Compliance Component #1) – Imminent threat to public health and safety
- Other Compliance Conditions (Compliance Component #3) – Imminent threat to public health and safety
- Tank Integrity (Compliance Component #2) – Failing to protect groundwater
- Other Compliance Conditions (Compliance Component #3) – Failing to protect groundwater
- Soil Separation (Compliance Component #4) – Failing to protect groundwater
- Operating permit/monitoring plan requirements (Compliance Component #5) – Noncompliant

Property Information

Parcel ID# or Sec/Twp/Range: 3103220130039

Property address: 10930 185TH ST N SCANDIA MN Reason for inspection: PROPERTY TRANSFER

Property owner: SARA & JOSHUA CHOUINARD Owner's phone: _____

or
Owner's representative: _____ Representative phone: _____

Local regulatory authority: WASHINGTON COUNTY Regulatory authority phone: _____

Brief system description: 2 - 1500 GALLON SEPTIC TANKS, 1 - 1000 GALLON LIFT TANK AND A PREUSSURIZED MOUND

Comments or recommendations:

SYSTEM FOUND TO BE IN GOOD SHAPE AND WORKING AS IT SHOULD.

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.

Inspector name: RYAN LASHINSKI Certification number: 3053

Business name: LASHINSKI SEPTIC SERVICE License number: L65

Inspector signature: [Signature] Phone number: 763-434-3915

Necessary or Locally Required Attachments

- Soil boring logs
- System/As-built drawing
- Forms per local ordinance
- 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.

Comments/Explanation:

Verification method(s):

- Searched for surface outlet
- Searched for seeping in yard/backup in home
- Excessive ponding in soil system/D-boxes
- Homeowner testimony (See Comments/Explanation)
- “Black soil” above soil dispersal system
- System requires “emergency” pumping
- Performed dye test
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

2. Tank Integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, or leaching pit. <i>Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth. If yes, which sewage tank(s) leaks:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Any “yes” answer above indicates the system is failing to protect groundwater.

Comments/Explanation:

TANKS PUMPED AND INSPECTED.

Verification method(s):

- Probed tank(s) bottom
- Examined construction records
- Examined Tank Integrity Form (Attach)
- Observed liquid level below operating depth
- Examined empty (pumped) tanks(s)
- Probed outside tank(s) for “black soil”
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

3. Other Compliance Conditions – Compliance component #3 of 5

- a. Maintenance hole covers are damaged, cracked, unsecured, or appear to be structurally unsound. Yes* No Unknown
- b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety. Yes* No Unknown
***System is an imminent threat to public health and safety.**

Explain:

- c. System is non-protective of ground water for other conditions as determined by inspector. Yes* No
***System is failing to protect groundwater.**

Explain:

4. Soil Separation – Compliance component #4 of 5

Date of installation: 2015 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Compliance criteria:

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.

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.*

“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.

Verification method(s):

Soil observation does not expire. Previous soil observations by two independent parties are sufficient, unless site conditions have been altered or local requirements differ.

- Conducted soil observation(s) (Attach boring logs)
- Two previous verifications (Attach boring logs)
- Not applicable (Holding tank(s), no drainfield)
- Unable to verify (See Comments/Explanation)
- Other (See Comments/Explanation)

Comments/Explanation:

BORING INFO ATTACHED.

Indicate depths or elevations

A. Bottom of distribution media	99'0"
B. Periodically saturated soil/bedrock	95'10"
C. System separation	38"
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.

5. Operating Permit and Nitrogen BMP* – Compliance component #5 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? 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. Operating Permit number: _____ Yes No
Have the Operating Permit requirements been met?
- b. Is the required nitrogen BMP in place and properly functioning? Yes No

Any “no” answer indicates Noncompliance.

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

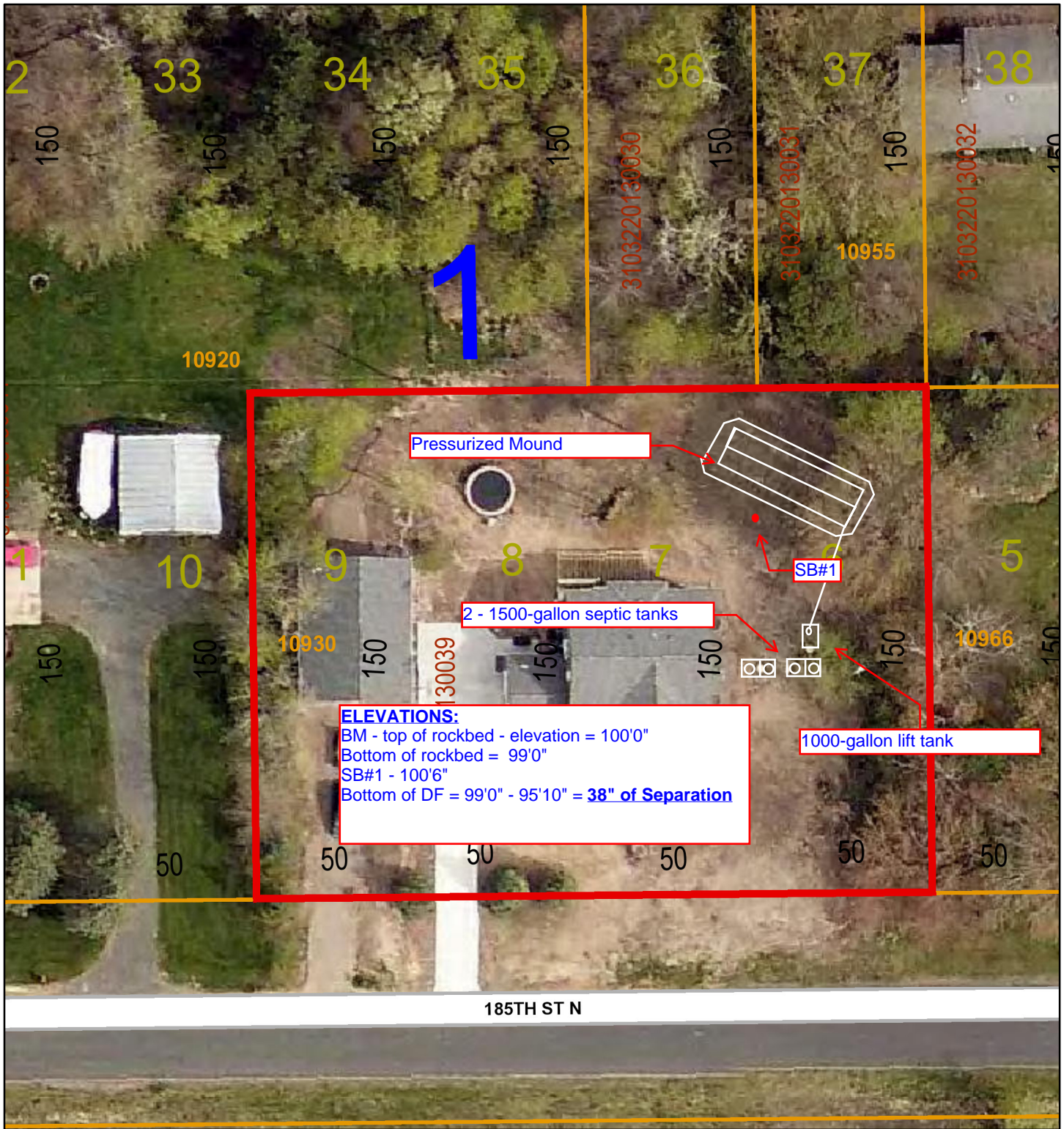
Address: 10930 185TH ST N SCANDIA MN

Boring #1 Elevation: 100'6"	Bottom of Distribution Media: 99'0"
0-4 10YR 3/3 Fine Sand -12 10YR 4/4 Fine Sand -38 10YR 5/4 Granular Sand -46 10YR 3/4 Loam -56 10YR 4/4 Loam w/Redox (95'10")	

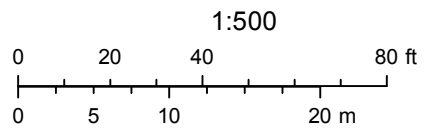
Sketch:

Comments: Soil boring #1 indicated redoximorphic to a depth of 56". The system meets the required vertical separation distance from seasonally saturated soils being there is 38" of Separation from drainfield to saturated soils with only 36" required. The system consists 2 – 1500 Gallon Septic Tanks, 1 – 1000 Gallon Lift Tanks and a Pressurized Mound. 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. 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-term performance of this system as well as any future upgrade, repairs or replacement costs. Liability is limited to the cost of this inspection.

Washington County, MN



August 26, 2020



LOGS OF SOIL BORINGS

Location of Project Josh Chouinard, Lots 6-9, Block 1, Bliss Plat 4th Addn., Sec. 31, City of New Scandia
 Borings Made by Ben Zierke

Date: 9/1/15

Hand bucket auger used for borings; USDA – SCS Soil Classification used.

Depth, In Feet	Boring Number 1
0-----	
0-4"	Dark-brown loamy fine sand(10YR-3/3)
4-24"	Dark-brown loamy fine sand(10YR-4/3)
24-38"	Dark yellowish-brown fine sand(10YR-4/4), redox below 36"
38-42"	Yellowish-brown loam(10YR-5/4), redox

End of boring at 3.5 feet.

Standing water table:

Present at _____ feet of depth, _____ Hours after boring

Standing water not present in hole

Mottled Soil:

Observed at _____ feet of depth

Mottled soil not present in bore hole

Comments:

Depth, In Feet	Boring Number 2
0-----	
0-4"	Dark-brown loamy fine sand(3/3)
4-16"	Dark-brown loamy fine sand(4/3)
16-36"	Dark y-brown fine sand(4/4)
36-66"	Yellowish-brown loamy sand(10YR-5/6) Redox below 56"

End of boring at 5.5 feet.

Standing water table:

Present at _____ feet of depth, _____ Hours after boring

Standing water not present in hole

Mottled Soil:

Observed at _____ feet of depth

Mottled soil not present in bore hole

Comments:

Depth, In Feet	Boring Number 3
0-----	
0-4"	Dark-brown loamy fine sand(3/3)
4-48"	Dark yellowish-brown loamy fine sand(10YR-4/4), redox below 36"

End of boring at 4 feet.

Standing water table:

Present at _____ feet of depth, _____ Hours after boring

Standing water not present in hole

Mottled Soil:

Observed at _____ feet of depth

Mottled soil not present in bore hole

Comments:

Depth, In Feet	Boring Number 4
0-----	
0-6"	Dark-brown loamy fine sand(3/3)
6-22"	Dark y-brown loamy fine sand(4/4), Redox below 18"
22-30"	Yellowish-brown loam(5/4), redox

End of boring at 2.5 feet.

Standing water table:

Present at _____ feet of depth, _____ Hours after boring

Standing water not present in hole

Mottled Soil:

Observed at _____ feet of depth

Mottled soil not present in bore hole

Comments:



Department of Public Health and Environment
 14949 62nd Street North PO Box 6
 Stillwater MN 55082-0006
 Office: 651-430-6655 TTY: 651-430-6246 Fax: 651-430-6730

Review Fee:	\$290.00
Permit Fee:	\$485.00
Total Fee:	\$775.00
Previous Payment	\$0.00
Balance Due	\$775.00

Community: Scandia
 Permit Number: 0400-15-18
 Owner: Joshua Chouinard
 10930 185th ST
 Scandia MN 55073-
 Applicant: Joshua Chouinard

PERMISSION IS HEREBY GRANTED

To execute the work specified in this permit on the following identified property upon express condition that said persons and their agents, and employees shall conform in all respects to the provisions of Ordinance #179, Washington County Development Code, Chapter Four, Subsurface Sewage Treatment System Regulations. This permit may be revoked at any time upon violation of any of the provisions of said ordinance.

Project Address: 10930 185th ST N
 Geo Code: 31-032-20-13-0039
 Designer: Zierke Soil Testing

Type of System: At-Grade		
Design Criteria	Tank Sizes	Bed Sizing
Flow Rate: 750	1: 1500	System Height: 2 Feet
Number of Bedrooms: 5	2: 1500	Rock Bed Width: 13 Feet
Percolation Rate: 2	3: 0	Rock Bed Length: 94 Feet
Soil Sizing Factor: 1.67	Lift Station: 1000	Upslope Width: 7 Feet
Linear Loading Rate: 8		Downslope Width: 18 Feet
Depth To Restriction: 36		System Width: 25 Feet
Land Slope: 4.00%		System Length: 108 Feet

Authorized Work/Special Conditions

- Effluent Filter with Alarm Required
- Pressure laterals must have cleanouts to grade.
- Recommend 7/32" perfs, 3' OC, 1-1/2" pipe. *18 GPM @ 14'*
- Two 47" long at grade beds. 18' minimum downslope to next pressure lateral. Pressure laterals must be at same elevation.

Permit Issue Date: 9/21/2015
 Permit Expiration Date: 9/20/2016

P. Ganzel
 Pete Ganzel
 Senior Environmental Specialist