



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.

For local tracking purposes:

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

System Status

System status on date (mm/dd/yyyy): 4/23/2018

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: 1603220440003

Property address: 21207 NEWBERRY AVENUE N SCANDIA MN Reason for inspection: SALE

Property owner: CRAIG PETERSON Owner's phone: _____

or
 Owner's representative: _____ Representative phone: _____

Local regulatory authority: WASHINGTON COUNTY Regulatory authority phone: _____

Brief system description: 2) 1000-GALLON SEPTIC TANKS, 1000-GALLON LIFT TANK PRESSURIZED MOUND SYSTEM

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.

Inspector name: RYAN LASHINSKI Certification number: 3053

Business name: LASHINSKI SEPTIC SERVICE License number: L65

Inspector 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 NOT PUMPED AT TIME OF INSPECTION, DUE TO BE PUMPED NEXT JULY (2019)

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: 11/15/2007 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:

SEE ATTACHED

Indicate depths or elevations

A. Bottom of distribution media	98'4"
B. Periodically saturated soil/bedrock	94'10"
C. System separation	42"
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

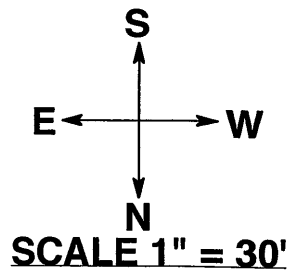
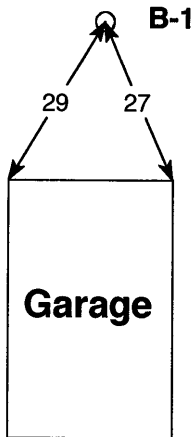
Address 21207 Newberry Avenue North

Boring #1 Elevation: 99'10"	Boring #2 Elevation:"	Boring #3 Elevation:"
0-8 10YR 4/4 sandy topsoil -42 10YR 5/3 brown medium washed sand (mound sand), soil dry. -66 10YR 3/4, 4/4 dark yellowish brown loamy sand. Redoximorphic mottling after 60", soil dry		

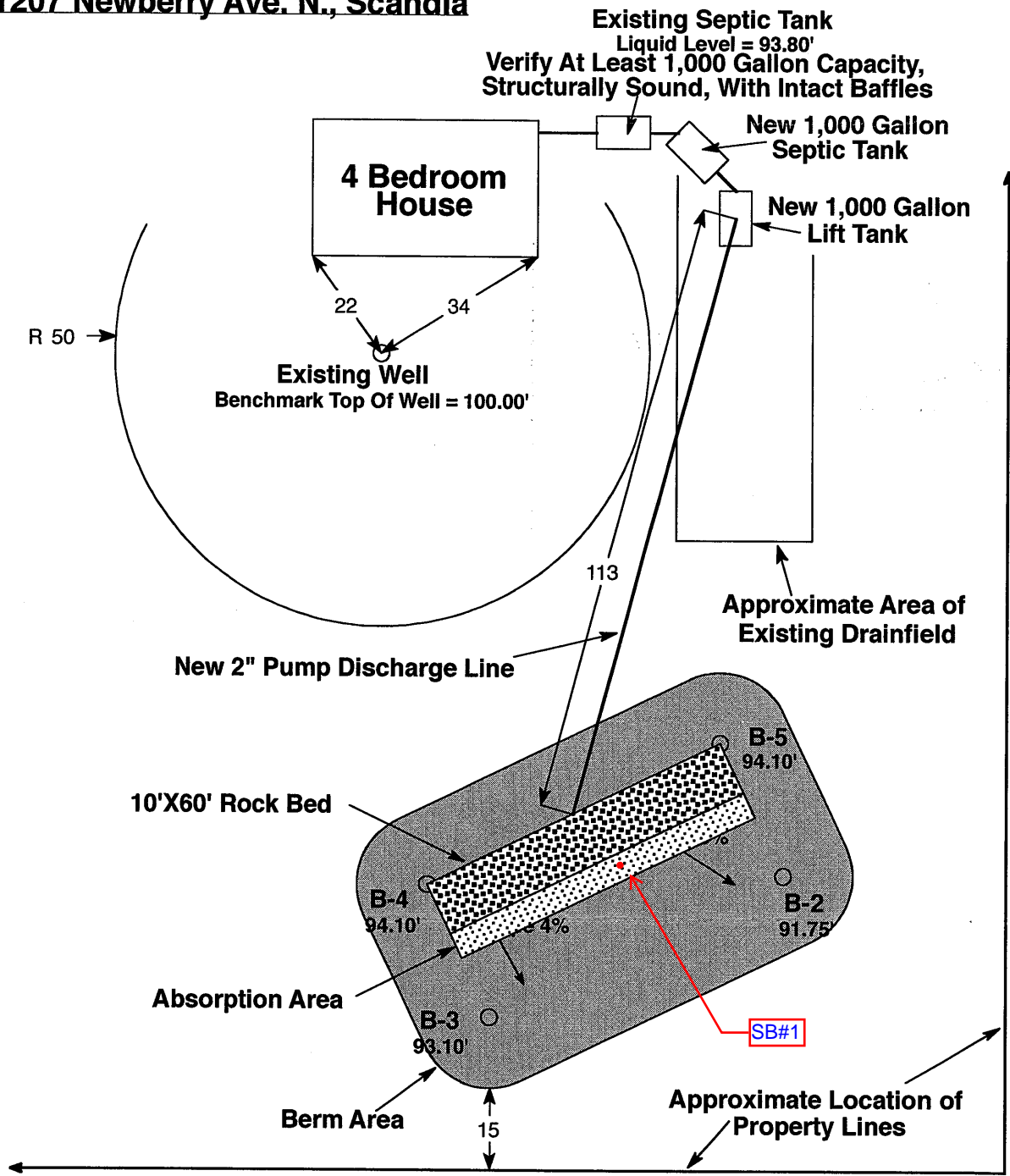
Sketch:

See attached

Comments: Benchmark = Top of manhole cover on lift tank. Assumed elevation = 100'0". Soil boring #1 indicated redoximorphic mottling at 60". The system does meet the required 36" (32" with the allowed 15% reduction) vertical separation from seasonally saturated soils. The system consists of two 1000-gallon septic tanks, a 1000-gallon lift tank and a 600 sq. ft. pressurized mound system. The tanks were not pumped for this inspection and due to be pumped in July 2019. The baffles were checked and are o.k. The lift pump was manually run and operable, the control floats and alarm are in working order. The mound was dosed with approximately 200 gallons of effluent with no signs of ponding observed in the sand or rock layers of the mound. There is a minimal amount of cover over the mound (4-6"), however enough for grass to grow and no erosion was observed. 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.). 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.



New System Design
21207 Newberry Ave. N., Scandia



Log Of Soil Borings

Location of Project:		21207 Newberry Ave, Scandia	
Borings Made By:		Midwest Soil Testing	Date: 10/29/07
Auger Used:		Hand/Bucket	Classification System: USDA
Boring Number:		1	Boring Number: 2
Surface Elevation of Boring	Benchmark = 100.00' Top Of Existing Well		Surface Elevation of Boring 91.75'
Depth In Inches	<u>Soils Encountered</u>		Depth In Inches <u>Soils Encountered</u>
0-3 3-24 24-48	7.5YR 3/4 Sandy Loam 5YR 4/4 Loamy Sand & Gravel 5YR 4/4 Loamy Sand With Few 5YR 5/8 Mottles Soil Very Moist		0-20 20-30 30-42 10YR 3/3 Loamy Sand 7.5YR 4/4 Loamy Sand With 5YR 5/6 Mottles 5YR 4/4 Sandy Clay Loam With 5YR 5/8 & 5YR 5/3 Mottles
End Of Boring At:		48"	End Of Boring At: 42"
Mottled Soil Present At:		24"	Mottled Soil Present At: 20"
Standing Water Present At:		None	Standing Water Present At: None
Boring Number:		3	Boring Number: 4
Surface Elevation of Boring	93.10'		Surface Elevation of Boring 94.10'
Depth In Inches	<u>Soils Encountered</u>		Depth In Inches <u>Soils Encountered</u>
0-14 14-20 20-42	7.5YR 3/4 Loamy Sand 5YR 4/6 Loamy Sand 5YR 4/6 Loam Sand With 5YR 4/4 Sandy Loam Layers and 5YR 5/8 Mottles		0-14 14-16 16-36 7.5YR 3/4 Sandy Loam 7.5YR 3/4 Sandy Loam With 7.5YR 5/8 & 10YR 6/1 Mottles 5YR 4/4 Sandy Clay Loam With Faint Mottling
End Of Boring At:		42"	End Of Boring At: 36"
Mottled Soil Present At:		20"	Mottled Soil Present At: 14"
Standing Water Present At:		None	Standing Water Present At: None

Log Of Soil Borings

Location of Project:		21207 Newberry Ave, Scandia	
Borings Made By:		Midwest Soil Testing	Date: 10/29/07
Auger Used:		Hand/Bucket	Classification System: USDA
Boring Number:		5	Boring Number:
Surface Elevation of Boring	94.10' Benchmark = 100.00' Top Of Existing Well		Surface Elevation of Boring
Depth In Inches	<u>Soils Encountered</u>		Depth In Inches
0-14 14-30 30-48	7.5YR 4/4 Loamy Sand 7.5YR 4/4 Loamy Sand With Few 7.5YR 5/3 & 7.5YR 5/8 Mottles 7.5YR 4/4 Sand With 5YR 4/4 Loamy Sandy Layers and 5YR 3/2 & 5YR 5/8 Mottles		
End Of Boring At:		48"	End Of Boring At:
Mottled Soil Present At:		14"	Mottled Soil Present At:
Standing Water Present At:		None	Standing Water Present At:
Boring Number:			Boring Number:
Surface Elevation of Boring			Surface Elevation of Boring
Depth In Inches	<u>Soils Encountered</u>		Depth In Inches
End Of Boring At:			End Of Boring At:
Mottled Soil Present At:			Mottled Soil Present At:
Standing Water Present At:			Standing Water Present At: