



Minnesota Pollution Control Agency

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

Compliance Inspection Form

Existing Subsurface Sewage Treatment System (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: [Empty box]

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

System Status

System status on date (mm/dd/yyyy): 10/10/2018

- Compliant - Certificate of Compliance (Valid for 3 years from report date, unless shorter time frame outlined by 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:

Property address: 12302 13st ct south Hastings Mn.
Property owner: Deann Engall

Reason for inspection: sale
Owner's phone: 507-254-1650

or

Owner's representative: NA
Local regulatory authority: Washington Cty.

Representative's phone:
Regulatory authority phone:

Brief system description: 1 septic tank and 3 drain field line's

Comments or recommendations:

[Empty box for 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 the 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: Bob Freiermuth
Business name: Bob Freiermuth
Inspector signature: [Signature]

Certification number: C818
License number: L492
Phone number: 651 437-5566

Necessary or Locally Required Attachments

- Soil Boring Logs
System/As-Built Drawings
Forms Per Local Ordinance
Other Information (list):

Property address: 12302 13st ct south Hastings Mn.

Inspector Initials/Date

BA 10/10/2018
(mm/dd/yyyy)

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 that the system is an imminent threat to public health and safety.

Verification method(s)

- Searched for surface outlet
- Searched for seeping in yard/backup into 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)

Comments/Explanation:

2. Tank Integrity - Compliance component #2 of 5

Compliance Criteria:

System consists of seepage pit, cesspool, drywell, or leaching pit <small>Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance</small>	<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 that the system is failing to protect groundwater.

Verification method(s)

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

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 groundwater for other conditions as determined by the inspector Yes* No

***System is failing to protect groundwater.**
Explain:

Property address: 12302 13st ct south Hastings Mn.

Inspector Initials/Date

BTI 10/10/2018 (mm/dd/yyyy)

4. Soil Separation - Compliance component #4 of 5

Date of installation: (mm/dd/yyyy) [] Unknown [] Yes [] No

Shoreland/Wellhead Protection/Food, beverage, lodging? [] Yes [] No

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.

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 food, beverage or lodging establishment. [] Yes [] No

Drainfield has at least 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.

- 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: 1-18" top soil mixed 10yr3/2, 18-24" 10yr4/4 slit loam, 24-48" 10yr 5/4 sandy loam, 48-72" 10yr 5/6 med sand

Table with 2 columns: Indicate depths or elevations, and values. Rows include Bottom of distribution media (31"), Periodically saturated soil/bedrock (none to 72"), System separation (41"), and Required compliance separation* (24").

*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 system operating under an Operating Permit? [] Yes [] No If "yes", A below is required.

Is the system required to employ 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.

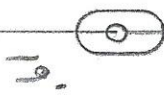
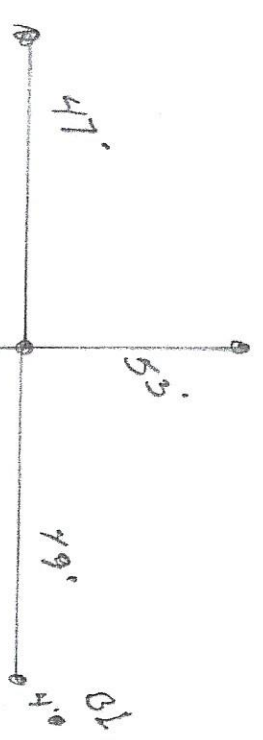
Compliance Criteria:

Table with 2 columns: Question and Yes/No options. Row a: Operating Permit number. Have the Operating Permit requirements been met? Row b: Is the required nitrogen BMP in place and properly functioning?

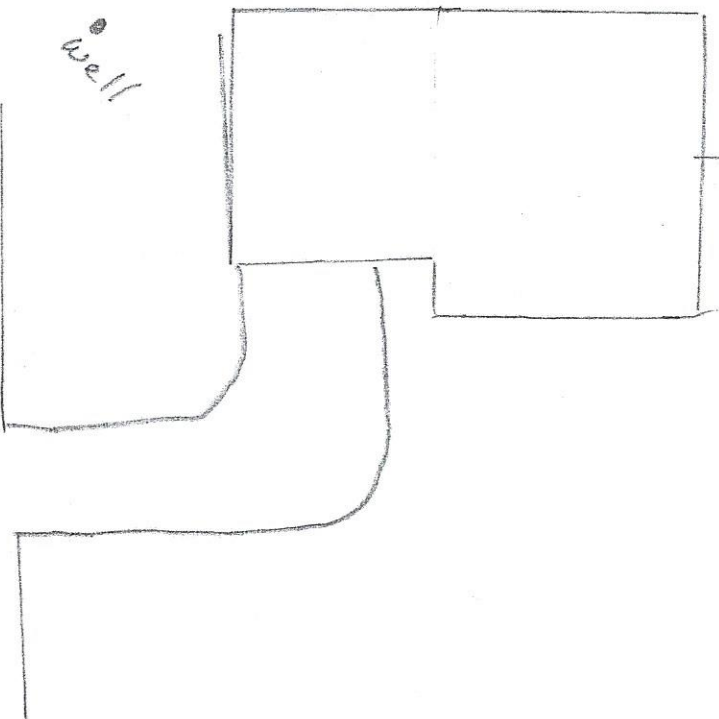
Any "no" answer above indicates Noncompliance

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.

10 Oct 18



19'



well

131 ST CT South

Date: 10-Oct-18
Customer Name: Deann Engall
Street Address: 12302 131ct, south
City, State, Zip: Hastings Mn.
Phone Number: 507-254-1650


COMPANY DISCLAIMER

Based on what we were able to observe and on our experience with on-site wastewater technology, we submit this Onsite Sewage Treatment System Inspection Report based on the present condition of the onsite sewage disposal system. *Bob Freiermuth* has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period of time in the future. Because of the numerous factors (usage, soil characteristics, previous failures, etc.) which may affect the proper operation of a septic system, this report shall not be construed as a warranty by our company that the system will function properly for any particular buyer. *Bob Freiermuth* hereby DISCLAIMS ANY WARRANTY, either expressed or implied, arising from the inspection of the septic system or this report. We are not also ascertaining any affect the system is having on the groundwater.

Inspecting Company	Phone	<u>651 437-5566</u>
<u>Bob Freiermuth</u>	License No	<u>818</u>

Owners Signature

I have studied the information contained herein and certify that my assessment is honest, thorough, and to the best of my ability, correct.

Name: 
Title: SSTS Inspector 818