

Instructions: Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at https://www.pca.state.mn.us/sites/default/files/2019-07/2019_ssts.pdf.

Property information

Local tracking number: _____

Parcel ID# or Sec/Twp/Range: 06.031.201.44.0010 Reason for Inspection property sale

Local regulatory authority info: Washington County

Property address: 17244 Farnham Ave N Hugo, MN 55038

Owner/representative: Zachary Leverty Owner's phone: 651-332-9966

Brief system description: Two 1250 gallon septic tanks with a 1000 gallon pump tank lifting to a mound drainfield.

System status

System status on date (mm/dd/yyyy): 6/6/2022

Compliant – Certificate of compliance*

Noncompliant – Notice of noncompliance

(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.)

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

***Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.**

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.

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

Reviewed the design, permit, soil and inspection records on file at Washington County.

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: All State Septic Services LLC Certification number: 323

Inspector signature: Tom Trooien License number: 1568

(This document has been electronically signed) Phone: 612-594-4496

Necessary or locally required supporting documentation

- Soil observation logs
- System/As-Built
- 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 |

Attached supporting documentation:

- Other: _____
- Not applicable

Describe verification methods and results:

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: | |

Attached supporting documentation:

- Empty tank(s) viewed by inspector
 - Name of maintenance business: Pinky's Sewer Service
 - License number of maintenance business: 9755
 - Date of maintenance: 6/6/2022
- 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: _____

Describe verification methods and results:

The tanks were at normal operating level, then were pumped for the inspection. Lowered a camera into the empty tanks - bottoms, walls, covers, baffles, risers and maintenance hole covers appear ok.

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

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

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

Describe verification methods and results:

Attached supporting documentation: Operating permit (Attach)

5. Soil separation – Compliance component #5 of 5

Date of installation 7/15/2015 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 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day) 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
- Two previous verifications of required vertical separation
- Not applicable (No soil treatment area)
- _____

Indicate depths or elevations

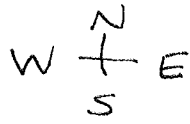
| | |
|--|------|
| A. Bottom of distribution media | 102 |
| B. Periodically saturated soil/bedrock | 98.7 |
| C. System separation | 3.3 |
| D. Required compliance separation* | 3 |

*May be reduced up to 15 percent if allowed by Local Ordinance.

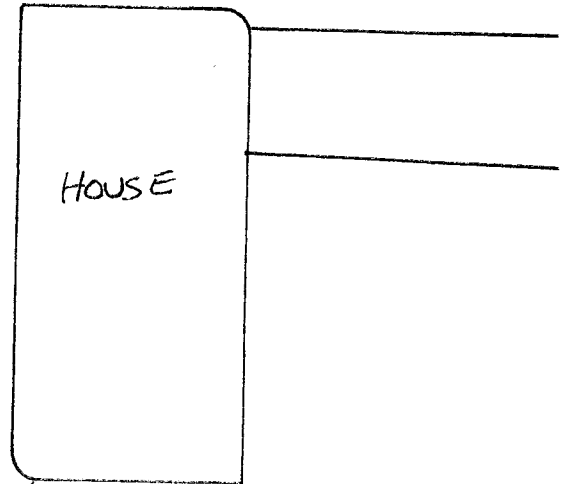
Describe verification methods and results:

Although not a compliance criteria, recommend replacing the cap on the inspection pipe on the east end of the drainfield.

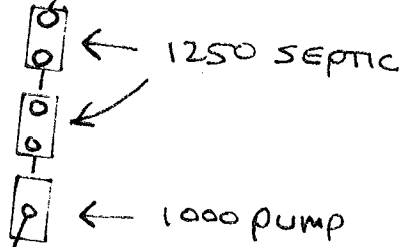
Upgrade requirements: (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, 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.



17244 FARNHAM AVEN
HUGO, MN 55038
6/6/22

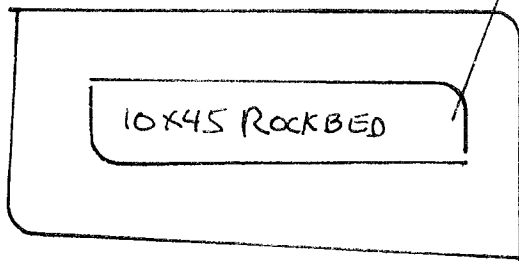


HOUSE



1250 SEPTIC

1000 PUMP



10x45 ROCK BED

⊗
B-1

⊗
B-2



Soil Observation Log

Project ID: v 04.01.2021

| Client: Zachary Leverty | | Location / Address: 17244 Farnham Ave N Hugo, MN 55038 | | | | | | | | |
|--|------------|--|----------------------------|----------------------|------------------------------|---------------------|-------|-----------|------------------|-------------|
| Soil parent material(s): (Check all that apply) <input type="checkbox"/> Outwash <input type="checkbox"/> Lacustrine <input type="checkbox"/> Loess <input type="checkbox"/> Till <input type="checkbox"/> Alluvium <input type="checkbox"/> Bedrock <input type="checkbox"/> Organic Matter | | Slope shape _____ Elevation-relative to benchmark: _____ | | | | | | | | |
| Landscape Position: (select one) _____ | | Date: 06/06/22 | | | | | | | | |
| Vegetation: _____ | | Limiting Layer Elevation: _____ | | | | | | | | |
| Weather Conditions/Time of Day: _____ | | Soil survey map units: _____ | | | | | | | | |
| Observation #/Location: B-1 | | Observation Type: Auger | | | | | | | | |
| Depth (in) | Texture | Rock Frag. % | Matrix Color(s) | Mottle Color(s) | Redox Kind(s) | Indicator(s) | Shape | Structure | Grade | Consistence |
| 0-14 | sandy loam | | 10YR 3/3 | | | | | | | |
| 14-24 | clay loam | | 10YR 4/4 | 10YR 5/1 10YR 6/8 | Depletions Concentrations | S1 S1 | | | | |
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| Comments: Redox @ 16" | | | | | | | | | | |
| I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws. | | | | | | | | | | |
| Tom Trooien (Designer/Inspector) | | | Tom Trooien (Signature) | | | 1568 (License #) | | | 6/6/22 (Date) | |



Soil Observation Log

Project ID: v 04.01.2021

| | | | |
|--|----------------|---|------------------------|
| Client: Zachary Leverty | | Location / Address: 17244 Farnham Ave N Hugo, MN 55038 | |
| Soil parent material(s): (Check all that apply) | | <input type="checkbox"/> Loess <input type="checkbox"/> Till <input type="checkbox"/> Alluvium <input type="checkbox"/> Bedrock <input type="checkbox"/> Organic Matter | |
| Landscape Position: (select one) | | Slope shape | |
| Vegetation: | | Slope %: | |
| Weather Conditions/Time of Day: | | Soil survey map units: | |
| Observation #/Location: B-2 | | Date: 06/06/22 | |
| Depth (in) | Texture | Rock Frag. % | Matrix Color(s) |
| | | | Mottle Color(s) |
| | | | Redox Kind(s) |
| | | | Indicator(s) |
| | | | Shape |
| | | | Structure |
| | | | Grade |
| | | | Consistence |
| 0-12 | sandy loam | | 10YR 3/3 |
| 12-24 | clay loam | | 10YR 5/4 |
| | | | 10YR 5/2 |
| | | | 10YR 6/8 |
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| Comments Redox @ 14" | | | |
| I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws. | | | |
| Tom Trooien (Designer/Inspector) | | Tom Trooien (Signature) | |
| | | 1568 (License #) | |
| | | 6/6/22 (Date) | |

Elevation-relative to benchmark: _____
 Limiting Layer Elevation: _____



UNIVERSITY OF MINNESOTA

Onsite Sewage Treatment Program Soil Observation Log

Client/Address: 1724 Farnham Legal Description/GPS: Date: 6/15/05

Soil Parent Material(s): Till (Outwash) Lacustrine Alluvium Loess Organic Matter Bedrock

Landscape Position: Summit Shoulder Back/Side Slope Foot Slope Toe Slope Slope Shape: convex

Vegetation: Tall grassy Collected Soil Survey Map Unit(s): Argilan Slope (%): Slope (%):

Weather conditions/Time of Day: Observation #/Location/Method: 4" hand Auger Elevation: Elevation:

| Depth (in) | Texture | Rock Frag % | Matrix Color(s) | Mottle Color(s) | Redox Kind(s) | Saturated Soil Indicator(s) (see back) | Structure | | |
|------------------|------------|-------------|-----------------|-----------------|--|--|---|-------------------------------------|---|
| | | | | | | | Shape | Grade | Consistence |
| 0-12 | Sandy loam | | 10 3/3 | | Concentrations Depletions Gleyed | | Granular Platy Blocky Prismatic Single Grain Massive | Weak Moderate Strong Loose | Loose Friable Firm Extremely Firm Rigid |
| 12-18 DOB 18" | Clay loam | | 10 4/4 | | Concentrations Depletions Gleyed | 12" | 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: Lower Center Peak Bed Area

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

(Designer) _____ (Signature) _____ (License #) _____ (Date) _____

LOGS OF SOIL BORINGS

Location of Project Bill Amrhien, 2.5 acres, Sec. 6, City of Hugo, Washington Co.

Borings Made by Chris Zierke

Date: 5/12/15

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

| Depth, In Feet | Boring Number 1 |
|----------------------|---|
| 0----- | |
| 0-12" | Very dark-brown loam(10YR-3/2) |
| 12-18" | Dark grayish-brown clay loam(10YR-4/2) redox |

End of boring at 1.5 feet.
Standing water table:
 Present at 15" feet of depth, 24 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:

| Depth, In Feet | Boring Number 2 |
|----------------------|---|
| 0----- | |
| 0-10" | Dark-brown sandy loam(10YR-3/3) |
| 10-18" | Yellowish-brown sandy loam(10YR-5/4) Redox below 14" |

End of boring at 1.5 feet.
Standing water table:
 Present at _____ feet of depth, _____ Hours after boring
 Standing water not present in hole
Mottled Soil:
 Observed at 14" feet of depth
 Mottled soil not present in bore hole
 Comments:

| Depth, In Feet | Boring Number 3 |
|----------------------|---|
| 0----- | |
| 0-24" | Very dark-gray loam(10YR-2/2), redox Below 12" |

End of boring at 2 feet.
Standing water table:
 Present at 1 feet of depth, 24 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:

| Depth, In Feet | Boring Number 4 |
|----------------------|--|
| 0----- | |
| 0-12" | Dark-brown sandy loam(3/3) |
| 12-18" | Yellowish-brown loam(10YR-5/4), Redox |

End of boring at 1.5 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: