



Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and also determine compliance or noncompliance. 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/wq-wwists4-31a.pdf>.

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 22.028.20.42.0007 Reason for Inspection: property sale
Local regulatory authority info: Washington County
Property address: 6 Coulee Ridge Rd S Afton, MN 55001
Owner/representative: Bernardo Medellin Owner's phone: 952-374-8181
Brief system description: Two septic tanks and a pump tank pumping to a pressure bed drainfield.

System status

System status on date (mm/dd/yyyy): 7/25/2023

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 design, permit, inspection, soil and pumping 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 Trocien License number: 1568

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

Necessary or locally required supporting documentation (must be attached)

- Soil observation logs
- System/As-Built
- Locally required forms
- Tank Integrity Assessment
- Operating Permit
- Other information (list): 2 previous soil verifications.

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:

None of the above observed.

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:

The tanks were at normal operating level, then were pumped & back-flushed through the maintenance holes. Lowered a light & camera into the empty tanks - bottoms, walls, covers, baffles, risers & maintenance hole covers ok. Although not a compliance criteria, recommend extending the risers & maintenance hole covers to grade for future access. The high water alarm was functional at the time of inspection

Attached supporting documentation:

- Empty tank(s) viewed by inspector
 - Name of maintenance business: Pinky's
 - License number of maintenance business: 1613
 - Date of maintenance: 7/25/2023
- 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 6/11/2004 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	2.8
B. Periodically saturated soil/bedrock	6.0
C. System separation	3.2
D. Required compliance separation*	3.0

*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.

Soils Report

Customer Name: William Brisly	Tests Conducted By: Koeckeritz Excavating
Soil Testing Date: 5/5/2004	Designated Reg Pro: Orin Koeckeritz
	MPCA License No: 1044

Site Address:#6 Coulee Ridge Road
Afton, MN 55001**Legal Description:**

Municipality: Washington County

Boring Name: Soil Boring One

Boring Elevation (Ft):		Restrictive Layer Type:	None Present
Standing Water Depth (In):	Not Present	Soil Recovery Method:	Probe
Restrictive Layer Depth (In):	78	Soil Condition:	Natural

Predominant Soil Series:**Soil Profile**

Depth(In)	Soil Color	Soil Color Description	Soil Texture
0 to 8	10 yr 4/3	Brown	Fine Sandy Clay
8 to 16	10 yr 4/1	Dark Gray	Fine Sandy Clay
16 to 24	10 yr 5/4	Yellowish Brown	Fine Sandy Clay
24 to 52	10 yr 5/6	Yellowish Brown	Fine Sandy Clay
52 to 74	10 yr 5/6	Yellowish Brown	Fine Sand

Comments:

Boring Name: Soil Boring Two

Boring Elevation (Ft):		Restrictive Layer Type:	None Present
Standing Water Depth (In):	Not Present	Soil Recovery Method:	Probe
Restrictive Layer Depth (In):	78	Soil Condition:	Natural

Predominant Soil Series:**Soil Profile**

Depth(In)	Soil Color	Soil Color Description	Soil Texture
0 to 6	10 yr 4/4	Dark Yellowish Brown	Fine Sandy Clay Loam - Top Soil
6 to 11	7.5 yr 4/6	Strong Brown	Fine Sandy Clay
11 to 26	10 yr 4/4	Dark Yellowish Brown	Fine Sandy Clay
26 to 37	10 yr 4/6	Dark Yellowish Brown	Silty Sand
37 to 48	10 yr 5/8	Yellowish Brown	Silty Sand
48 to 78	10 yr 6/4	Light Yellowish Brown	Fine Sand

Comments:

Soils Report

ID No. 921

Customer Name: William Brisly	Tests Conducted By: Koeckeritz Excavating
Soil Testing Date: 5/5/2004	Designated Reg Pro: Orin Koeckeritz
	MPCA License No: 1044

Site Address:	Legal Description:
#6 Coulee Ridge Road Alton, MN 55001	Municipality: Washington County

Boring Name: Soil Boring Three

Boring Elevation (Ft):	Restrictive Layer Type:	None Present
Standing Water Depth (In): Not Present	Soil Recovery Method:	Probe
Restrictive Layer Depth (In): 78	Soil Condition:	Natural

Predominant Soil Series:

Soil Profile

Depth(In)	Soil Color	Soil Color Description	Soil Texture
0 to 6	10 yr 3/2	Very Dark Grayish Brown	Fine Sandy Clay Loam - Top Soil
6 to 13	10 yr 4/4	Dark Yellowish Brown	Fine Sandy Clay
13 to 34	7.5 yr 4/6	Strong Brown	Fine Sandy Clay
34 to 58	10 yr 5/6	Yellowish Brown	Silty Sand
58 to 78	10 yr 6/4	Light Yellowish Brown	Fine Sand

Comments:

Boring Name: Soil Boring Four

Boring Elevation (Ft):	Restrictive Layer Type:	None Present
Standing Water Depth (In): Not Present	Soil Recovery Method:	Probe
Restrictive Layer Depth (In): 78	Soil Condition:	Natural

Predominant Soil Series:

Soil Profile

Depth(In)	Soil Color	Soil Color Description	Soil Texture
0 to 6	10 yr 3/2	Very Dark Grayish Brown	Fine Sandy Clay Loam - Top Soil
6 to 12	10 yr 4/4	Dark Yellowish Brown	Fine Sandy Clay
12 to 25	7.5 yr 4/6	Strong Brown	Fine Sandy Clay
25 to 34	7.5 yr 4/6	Strong Brown	Silty Sand
34 to 47	10 yr 5/6	Yellowish Brown	Silty Sand
47 to 78	10 yr 5/6	Yellowish Brown	Fine Sand

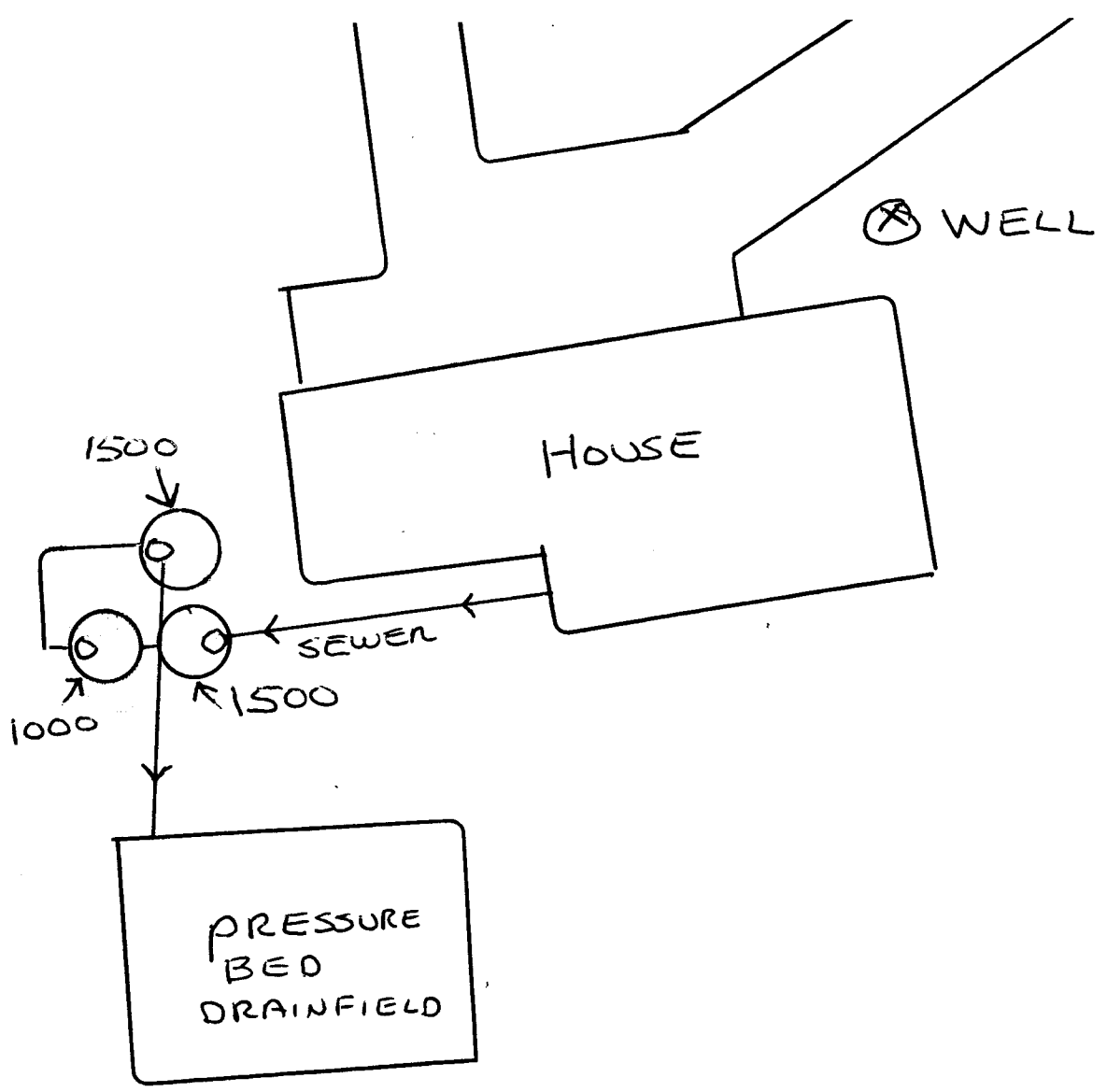
Comments:

WALE 1-3-01

2"-4" PILE
CHARLES DANIELSON
LOT 6 NEVEN COULEE RANGE

BOREHOLE DIAMETER 1"-3/8" HAND AUGER

DEPTH FEET	HOLE #1	HOLE #2	HOLE #3	HOLE #4	HOLE #5	SOIL CLASSIFICATION
1	TOP SOIL	TOP SOIL	TOP SOIL	TOP SOIL	TOP SOIL	BROWN LOAM 7.5YA 7/4
2	BROWN LOAM	BROWN LOAM	BROWN LOAM	LIGHT BROWN LOAM	BROWN LOAM	LIGHT BROWN LOAM 7.5YA 4/3
3	LIGHT BROWN, MEDIUM SAND	BROWN, SANDY LOAM	LIGHT BROWN LOAM	LIGHT BROWN LOAM	LIGHT BROWN LOAM	LIGHT BROWN SAND 7.5YA 6/3
4	MULTI-COLOR SAND - LIGHT IRON	LIGHT BROWN, MEDIUM SAND	LIGHT BROWN LOAM	LIGHT BROWN LOAM	LIGHT BROWN LOAM	MULTI-COLOR SOILS - VARIOUS COLORS
5						
6		DETERIORATED LIME STONE	LIGHT BROWN, MEDIUM SAND	LIGHT BROWN, FINE TO MEDIUM SAND	LIGHT BROWN, SANDY LOAM	
7	DETERIORATED LIME STONE	MULTI-COLOR	DESTRUCTION STOP	STOP	STOP	
8		STOP		STOP		
9	OKAY 7'	OKAY 6 1/2'	OKAY 6'	OKAY 6'	OKAY 6'	
10						



6 COULEE RIDGE ROS
AFTON, MN 55001 7/25/23

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