

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 system owner within 15 days of final determination of 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: 35-0-027902 Reason for Inspection Permit

Local regulatory authority info: Aitkin Co. 218-927-7342

Property address: 38591 496th Ln. Palisade MN 56469

Owner/representative: Daniel Curtiss Owner's phone: 218-838-2526

Brief system description: Gravity flow from house to 1000 gal septic, gravity flow to gravity bed.

System status

System status on date (mm/dd/yyyy): 6/11/2021

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.

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.

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

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

Drain field fails to meet 36" soil separation.

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: Brummer Septic LLC. Certification number: C- 3589

Inspector signature:  License number: L-1347

(This document has been electronically signed)

Phone: 218-821-0704

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): _____

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:

- Checked Drainfield / Mound Area For surfacing
- Checked Drainfield / Mound Area for Seepage
- NA Checked For Ponding in Existing Inspection Pipes

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:

Did not pump tank at time of inspection , tank to be replaced. Tank is noncompliant unless pumped and inspected.

Attached supporting documentation:

- Empty tank(s) viewed by inspector
 - Name of maintenance business: _____
 - License number of maintenance business: _____
 - Date of maintenance: _____
- 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 _____ 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)
 -
- Soil bore Elv. = 92.3'

Indicate depths or elevations

A. Bottom of distribution media	Elv. = 90.1'
B. Periodically saturated soil/bedrock	90.3' Elv. = 89.3'
C. System separation	zero 10"
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.**

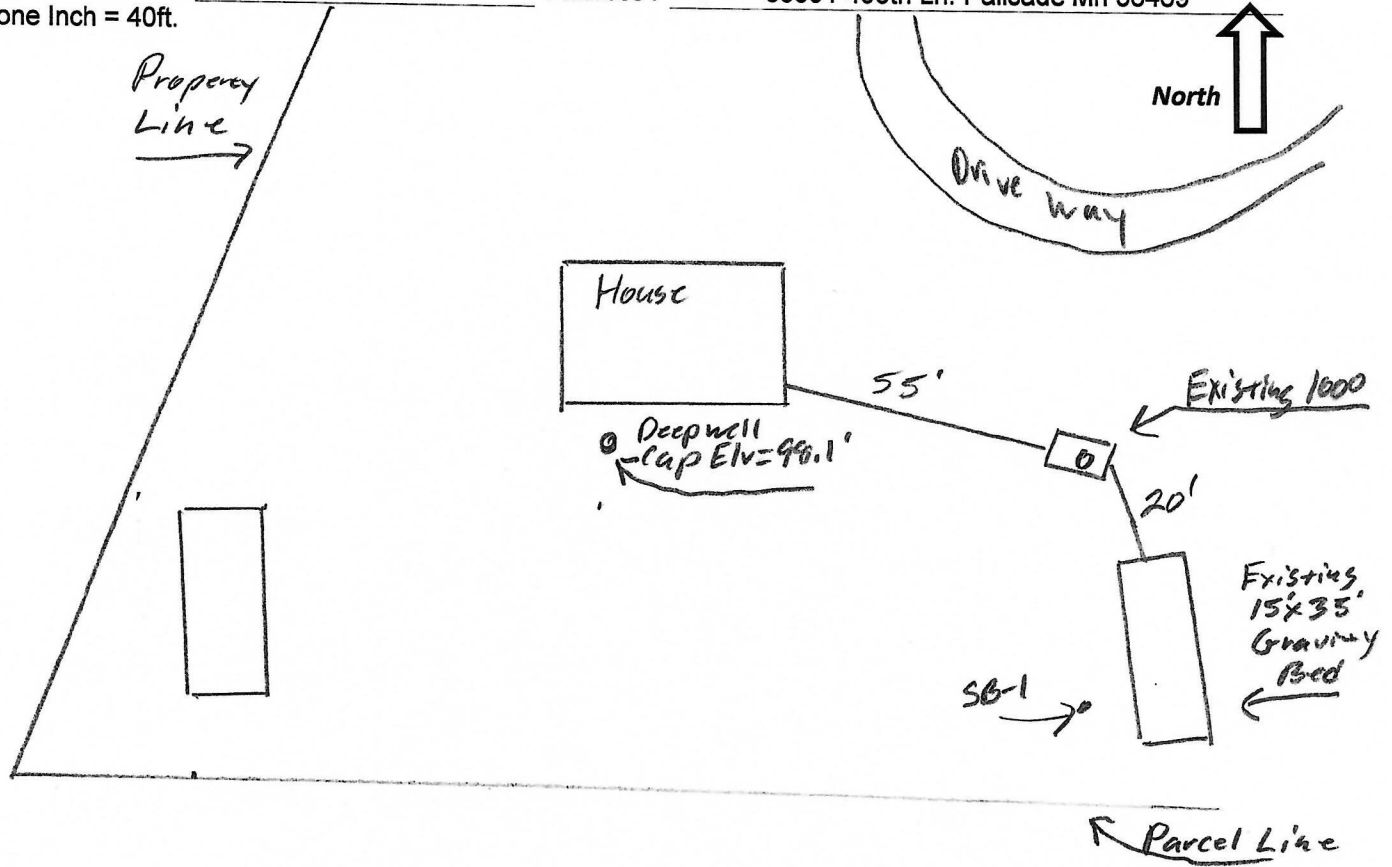
Describe verification methods and results:

Conducted Soil Bore next to existing gravity bed

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.

{ Design Drawing }

Property Owner: Daniel Curtiss Date: 6/11/21 Designer's Initials: JB
 Parcel ID. Number: 35-0-027902 Address: 38591 496th Ln. Palisade Mn 56469
 one Inch = 40ft.



Soil Bore 1 Elv. = 92.3'

0 - 6 Top Soil 10YR3/2

6 - 22 Sandy Loam 10YR4/4

22 - 36 Blended Loam 10YR44 & 10YR5/4

36 Mottles 7.5YR5/6 Elv. = 89.3'

Center of Gravity Bed Grade Elv. = 91.9'
 10" of cover soil + 12' rock Depth = 1.8 ft.
 Bottom of Rockbed Elv. = 90.1

Top of Existing Deep Well Cap Elv. = 98.1'

Grade at New Tank Location Elv. = 93.2'

	Surface/ SHWT	Nail on Tree = Bench Mark 100'		Existing Grade at Pressure Bed Corners	
Soil Bore 1	101.8	Bench Mark	100'	SW Elv. = 101.8'	SE Elv. = 101.8'
Soil Bore 2	101.8	Ground Elv. BM	99.2'	NW Elv. = 102.1'	NE Elv. = 101.3'
Soil Bore 3		Ground Elv. Tank	93.2'	Bottom of Rockbed Approx. Elv. = 100'	
		SE Corner house	96.3'	Existing Tank Inlet Sewer pipe Elv. = 91.5'	

Please show all that apply (Existing)

Wells within 100ft. Of Drain field.

Water lines within 10 ft. of Drain field.

Drain field Areas:

Please Draw to Scale with North to Top or Left Side of Page:

Disturbed/Compacted Areas

Component Location

OHW ordinary high water

Lot Easements

Access Route for Tank Maintenance

Property Lines

Structures

Setbacks



Detailed Parcel Report

Parcel Number: 35-0-027902

General Information

Township/City: WAUKENABO TWP
Taxpayer Name: CURTISS, DANIEL
Taxpayer Address: 38591 496TH LANE
PALISADE MN 56469
Property Address: 38591 496th Ln
Township: 49 Lake Number: 1913700
Range: 26 Lake Name: ROUND - WAUKENABO - BACK LOT
Section: 17 Acres: 7.00
Green Acres: No School District: 1.00
Plat:
Brief Legal Description: 7 AC IN LOT 3 IN DOC 187636

Tax Information

Class Code 1: Residential 1 unit
Class Code 2: Unclassified
Class Code 3: Unclassified
Homestead: Owner Homestead
Assessment Year: 2021

Estimated Land Value:	\$32,200.00
Estimated Building Value:	\$132,100.00
Estimated Total Value:	<u>\$164,300.00</u>
Prior Year Total Taxable Value:	\$136,440.00
Current Year Net Tax (Specials Not Included):	\$744.00
Total Special Assessments:	\$0.00
**Current Year Balance Not Including Penalty:	\$372.00
Delinquent Taxes:	No

* For more information on delinquent taxes, please call the Aitkin County Treasurer's Office at 218-927-7325.

** Balance Due on a parcel does not include late payment penalties.