

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: 07-1-085600 Reason for Inspection Permit
 Local regulatory authority info: Aitkin Co.
 Property address: 45752 289th Ln. Aitkin Mn 56431
 Owner/representative: Russ Renner Owner's phone: 952-334-4056
 Brief system description: 1000 gal septic tank to a 350 lift tank pumped to a 15' x 35' gravity bed

System status

System status on date (mm/dd/yyyy): 10/16/2023

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)

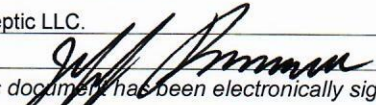
- Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- Other Compliance 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

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): _____

Property Address: 45752 289th Ln. Aitkin Mn 56431

Business Name: Brummer Septic LLC.

Date: 10/16/2023

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

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
 Checked For Ponding in Existing Inspection Pipes No inspection pipe in gravity bed.

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: Tony's septic pumping
License number of maintenance business: L-3338
Date of maintenance: 10/16/2023
 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: _____

Any "yes" answer above indicates the system is failing to protect groundwater.

Describe verification methods and results:

Inspected septic tank through manhole, manhole raised to surface, some roots around outlet, working level OK, no apparent cracks or leaks. Inspected pump tank through manhole, manhole raised to surface, pump cycles, fix alarm float, needs to be wired to power. No apparent cracks or leaks. Pumped through manholes.

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 6/6/1979 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	
B. Periodically saturated soil/bedrock	
C. System separation	36"
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:

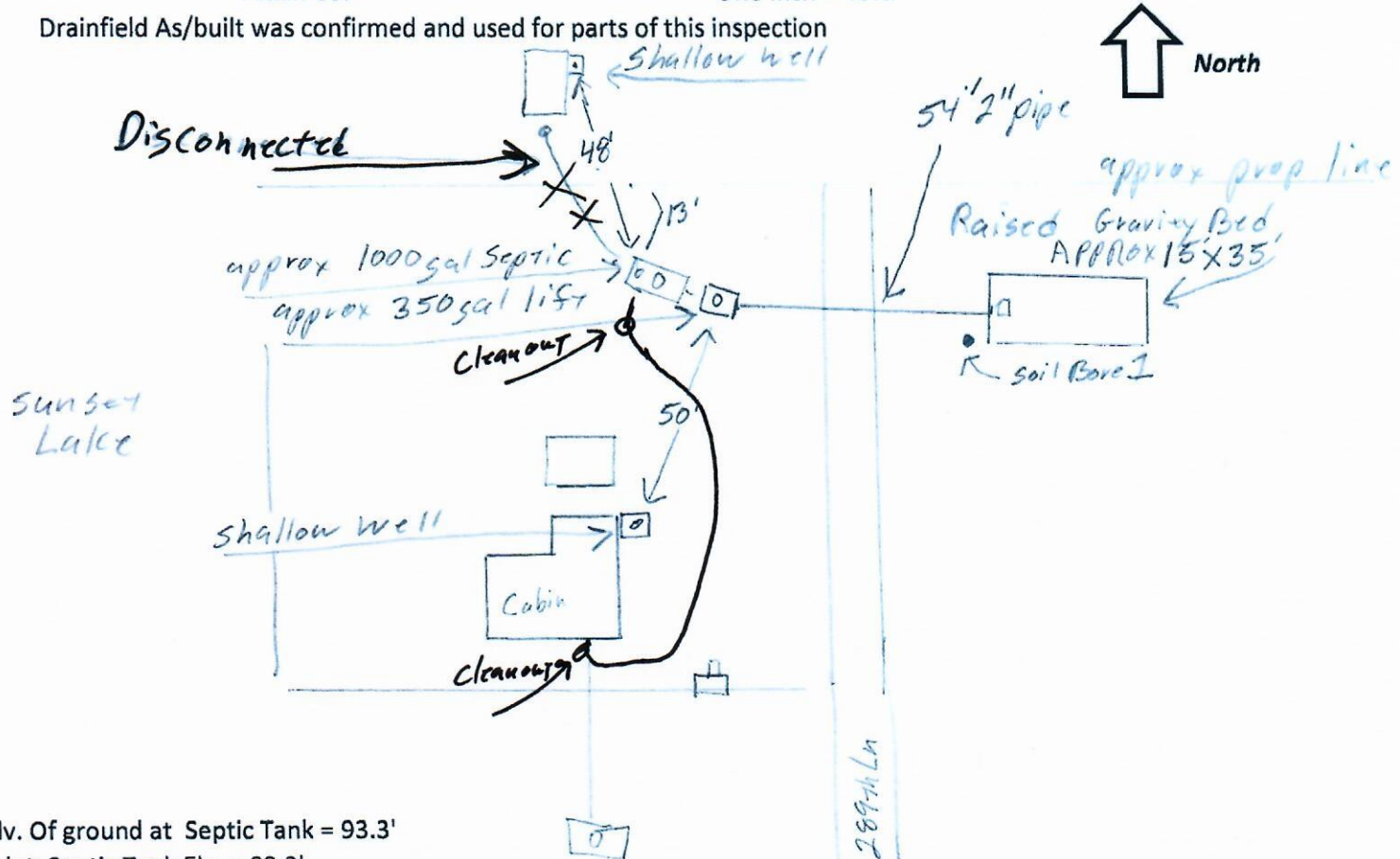
Included 2 prior soil verifications

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.

{ Inspection Drawing }

Property Owner: Margit Ryan Date: 9/10/2019 Designer's Initials: JB
 Parcel ID. Number: 07-1-085500 Address: 45752 289th LN Aitkin MN 56431
 Aitkin Co. One Inch = 40ft.'

Drainfield As/built was confirmed and used for parts of this inspection



Elv. Of ground at Septic Tank = 93.3'
 Inlet Septic Tank Elv. = 89.3'
 Elv. Of ground at Pump Tank = 93.9'
 Inlet Pump Tank Elv. = 89.1'
 Pump Elv. = 87.8'
 Bench Mark Elv. = 100' Top of power meter head box, SE of cabin Elv. = 100'
 Ground at well Elv. = 94'

Elv. Of grade near center of rised gravity Bed = 97.7'
 Elv. Of bottom of rock bed Elv. = 95.9'
 10" cover + 12" rock = 22" or 1.8 ft.

SB - 1	Top of Ground Soil Boring	Elv. = 96.2'	
Depth (in.)	Texture	Color	
0 - 5	Top Soil/loam	10YR3/3	
5 - 26	Sandy Loam	10YR5/4	
26 - 42	Med Sand	7.5YR5/6	92.7' Elv.

SB -	Top of Ground	Elv.
Depth (in.)	Texture	Color

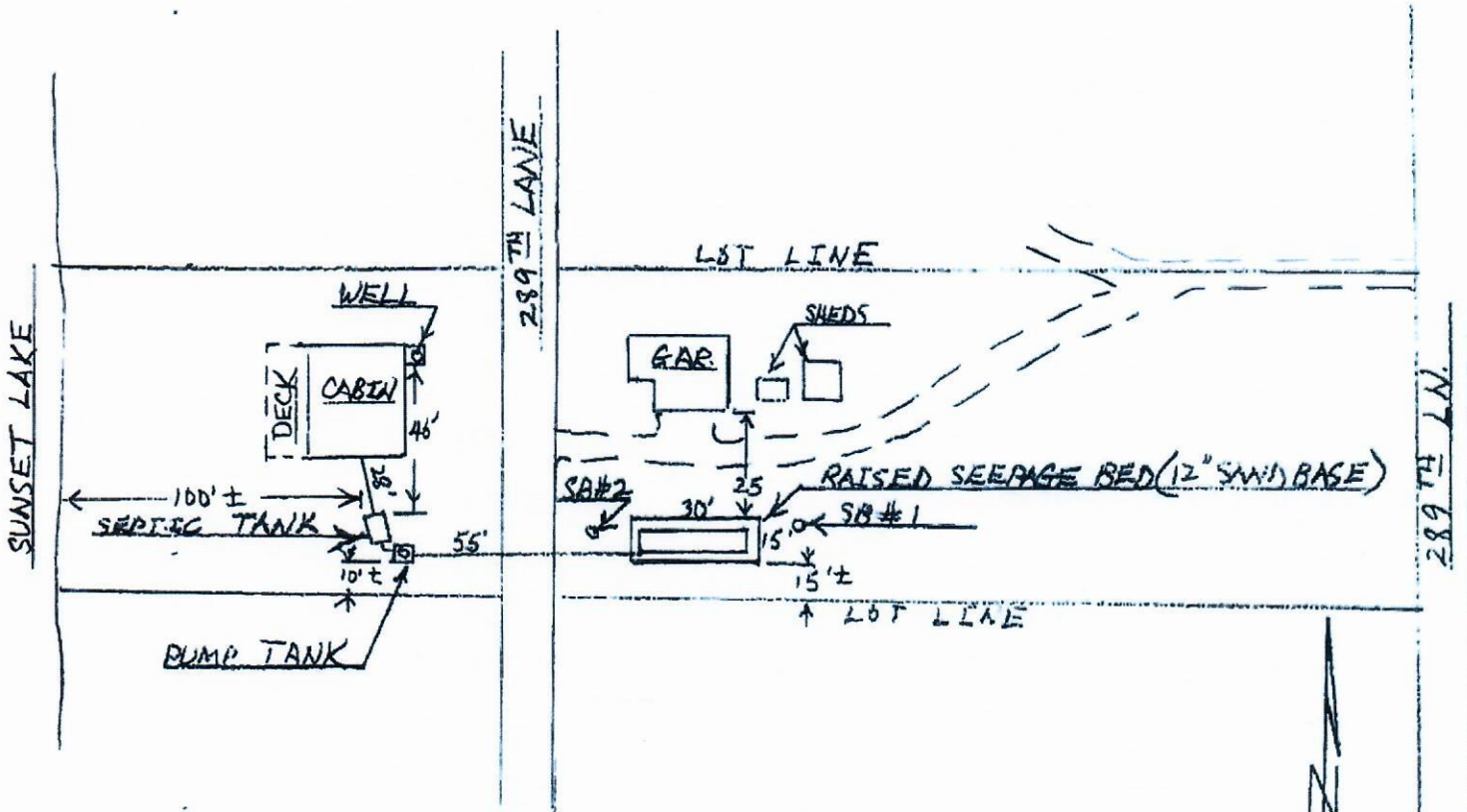
Please show all that apply (Existing)
 Wells within 100ft. Of Drain field.
 Water lines within 10 ft. of Drain field.
 Drain field Areas:

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

- | | |
|---------------------------|-----------------------------------|
| Disturbed/Compacted Areas | Access Route for Tank Maintenance |
| Component Location | Property Lines |
| OHW ordinary high water | Structures |
| Lot Easements | Setbacks |

SKETCH SHEET & SOIL BORING LOG

SITE ADDRESS: 45748 289th Lane PARCEL #: 07-1-085400
Aitkin, MN. 56431



SOIL BORING LOG

Soil Boring #1			Soil Boring #2		
Depth	Texture	Munsell Color	Depth	Texture	Munsell Color
0-7"	Topsoil		0-5"	Topsoil	
7"-28"	Sandy Loam	10YR5/4	5"-24"	Sandy Loam	10YR5/4
No mottling observed			No mottling observed		

Charles J. Virginia Lic. #: L1392 Cert. #: C4023

Signature: *Charles Virginia*
 6/17/2015



Detailed Parcel Report

Parcel Number: 07-1-085600

General Information

Township/City: FARM ISLAND TWP
Taxpayer Name: RYAN, TIMOTHY O & MARGIT
Taxpayer Address: 5266 NW AVE
WHITE BEAR LAKE MN 55110
Property Address: 45752 289th Ln
Township: 46 Lake Number: 1020800
Range: 27 Lake Name: SUNSET LAKE
Section: 31 Acres: 0.00
Green Acres: No School District: 1.00
Plat: SUNSET ADDITION
Brief Legal Description: LOT 9

Tax Information

Class Code 1: Non-Comm Seasonal Residential Recreational
Class Code 2: Unclassified
Class Code 3: Unclassified
Homestead: Non Homestead
Assessment Year: 2023

Estimated Land Value:	\$96,000.00
Estimated Building Value:	\$92,100.00
Estimated Total Value:	<u>\$188,100.00</u>
Prior Year Total Taxable Value:	\$162,100.00
Current Year Net Tax (Specials Not Included):	\$906.00
Total Special Assessments:	\$0.00
**Current Year Balance Not Including Penalty:	\$453.00
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.