

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: 19-0-043200 Reason for Inspection Permit

Local regulatory authority info: Aitkin Co.

Property address: 28503 480th St. Palisade Mn 56469

Owner/representative: Michelle Pieterse Owner's phone: 218-845-0399

Brief system description: Gravity flow from house to 1650 2/Compartment tank. Pumped to a 10" 38' rockbed Mound Mound is a Type III with at least 30" of washed sand under rockbed

System status

System status on date (mm/dd/yyyy): 2/20/2023

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.

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

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

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 evidence of pondin in the mound inspection piupe, no evidence of seepage or surfacing.

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.

Attached supporting documentation:

- Empty tank(s) viewed by inspector
- Name of maintenance business: Timber Lakes sewer service
- License number of maintenance business: L-455
- Date of maintenance: 2/20/2023
- 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: _____

Describe verification methods and results:

Inspected and pumped tanks through manholes, Baffles in place, working level OK, no evidence of back-up in tanks. Pump cycles, manual alarm working.

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 9/14/2014 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	Elv.= 102.2'
B. Periodically saturated soil/bedrock	Elv.= 98.5'
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:

Soils Verified at time of install. I verified the separation.

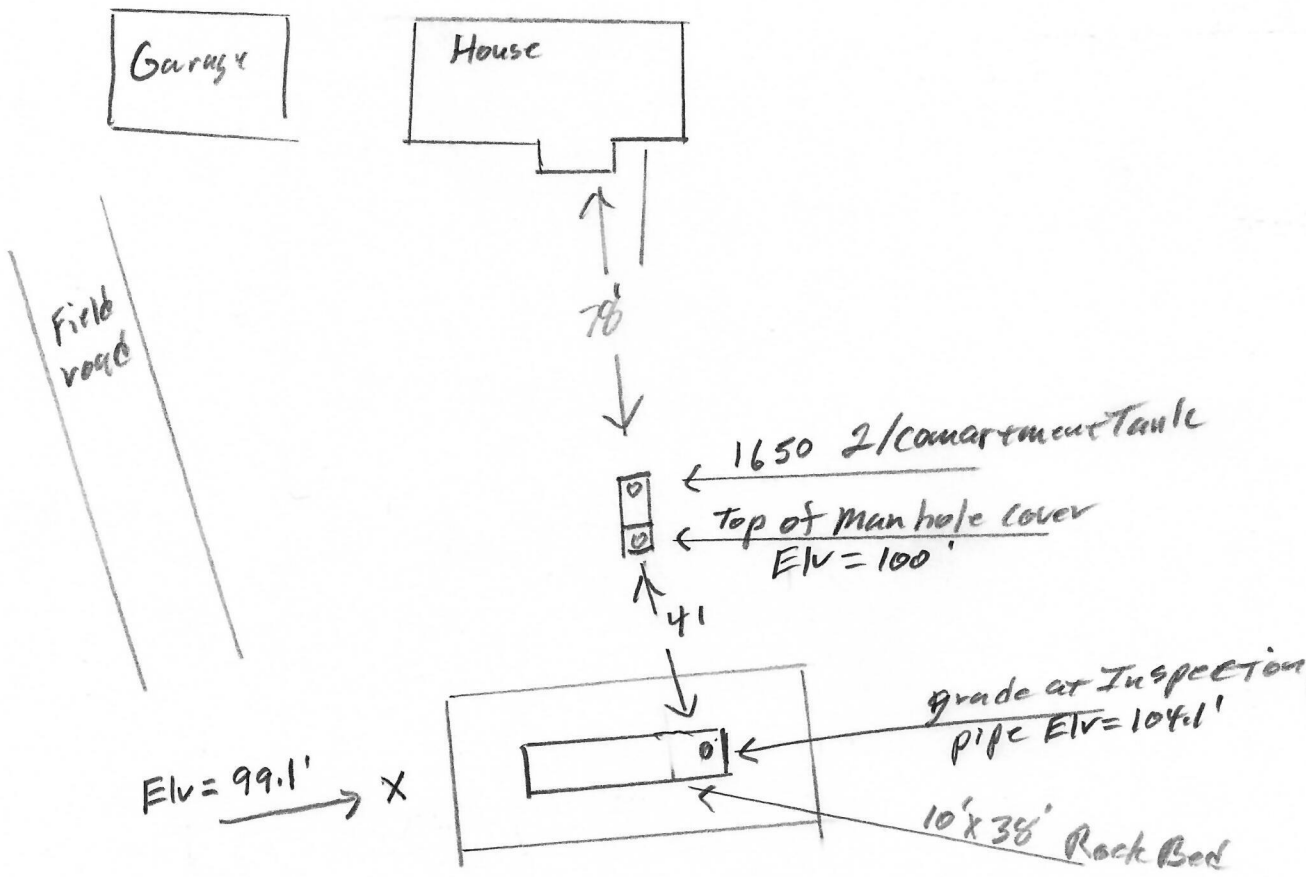
Upgrade requirements: (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, 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: Michelle Pieterse Date: 2/20/2023 Designer's Initials: JB
 Parcel ID. Number: 19-0-043200 Address: 28503 480th St. Palisade Mn 56469
 Aitkin Co. One Inch = 40ft.'

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

Driveway



Elv. Of ground at Septic Tank = 99.5'
 Inlet Septic Tank Elv. = 97.6'
 Elv. Of ground at Pump Tank = 99.5'
 Inlet Pump Tank Elv. = 97.4'
 Pump Elv. = 94.4'
 Bench Mark Elv. = 100 ' Top of Pump tank Manhole cover.

Grade at West end of Mound in line with rockbed Elv. = 99.1'
 Elv. Of mound grade near Inspection pipe of mound = 104.1'
 Elv. Of bottom of rock bed Elv. = 102.2'
 10" of Cover + 12" rock = 1.9 ft.

SB - <input type="checkbox"/>	Top of Ground Soil Boring	
Depth (in.)	Texture	Color
Soils Verified at install inspection.		
Install records states 2.5 ft washed sand		

SB - <input type="checkbox"/>	Top of Ground		Elv.
Depth (in.)	Texture	Color	

**INDIVIDUAL SEWAGE TREATMENT SYSTEM INSPECTION FORM
AITKIN COUNTY, MINNESOTA**

Township Logan 49-25 Date of Inspection Initial 9/14/2014 Final 10/30/2014 Permit Number 40703
 Owner Larry Ladd Parcel Number 19-0-043290
 Project Address 28503 480th St Installer Adam Ladd
 City Palisade Zip Code 56469

New Repair Replacement

SETBACKS:
 Buildings to tank(s) 75'±
 Buildings to drainfield 100'+
 Well(s) 50' or 100' 50' deep 150' to dP
 Lake/Creek/Wetland -

SEPTIC TANKS: New Existing
 Number of tanks installed 1
 Liquid capacity and type 1650 Combo Jac.
 Type of baffle Plastic
 Inspection pipes 6"
 Manholes size 24"
 Manhole to grade Yes No
1.5' riser

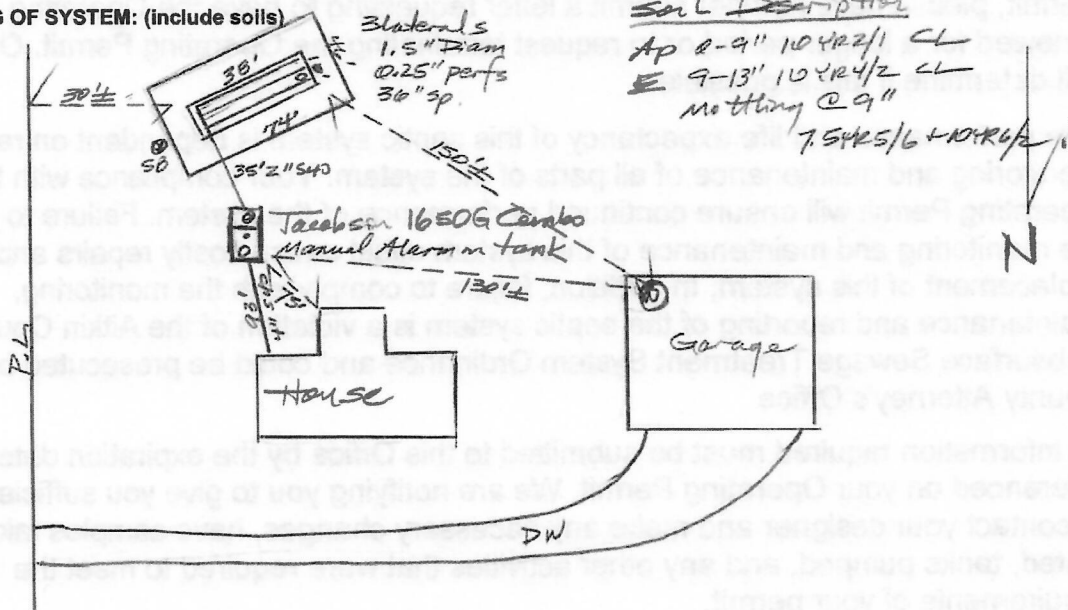
PUMPS: New Existing
 Tank capacity and type 550 lift part of combo
 Pump manufacturer & model # Gould PEL1
 Horsepower & GPM 0.4 HP 29 GPM min
 Feet of head 15' min.
 Gallons per cycle 112.5G
 Size of discharge line 2"
 Type & location of alarm Electric on tank
 Water meter

DIST. or DROP BOX & TYPE _____

TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:
 Trench depth _____
 Trench length _____
 Trench bottom width _____
 Trench spacing _____
 Drainfield rock below pipe _____
 Size of gravelless pipe _____
 Depth of backfill _____
 Absorption area: square feet _____
 lineal feet _____

MOUNDS:
 Percent slope 0%
 Upslope dike width 18'
 Downslope dike width 18'
 Sideslope dike width 18'
 Drainfield rock below pipe 9"
 Depth of sand below rock 2.5'
 Perforation size & spacing 0.25" 36" sp
 Pipe size & spacing 1.5" 4' sp
 Dimensions of rock bed 10' x 36'
 Dimensions of sand base 37' x 65'
 Final cover 18" over rb - 46' x 74'

DRAWING OF SYSTEM: (include soils)



Inspector's Comments: _____

Inspector's Signature [Signature] Installer's Signature [Signature]



Detailed Parcel Report

Parcel Number: 19-0-043200

General Information

Township/City: LOGAN TWP
 Taxpayer Name: PIETERSE, MICHELLE & MICHIEL
 Taxpayer Address: 28503 480TH ST
 PALISADE MN 56469
 Property Address: 28503 480th St
 Township: 49 Lake Number: 0
 Range: 25 Lake Name:
 Section: 25 Acres: 201.62
 Green Acres: No School District: 1.00
 Plat:
 Brief Legal Description: W 34 FT OF NW NE, E 20 FT OF NE NW, SE NW, E1/2 NE SW, SE SW, W1/2 SE1/4, E1/2 SE SE, NE SE LESS CO RD ROW IN NW NE & NE NW

Tax Information

Class Code 1: Agricultural
 Class Code 2: Ag Non-Productive Contiguous
 Class Code 3: Unclassified
 Homestead: Owner Homestead
 Assessment Year: 2022

Estimated Land Value:	\$356,100.00
Estimated Building Value:	\$272,300.00
Estimated Total Value:	<u>\$628,400.00</u>
Prior Year Total Taxable Value:	\$429,173.00
Current Year Net Tax (Specials Not Included):	\$2,038.00
Total Special Assessments:	\$0.00
**Current Year Balance Not Including Penalty:	\$0.00
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.