

**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: 24-0-056501 Reason for Inspection Permit

Local regulatory authority info: Aitkin Co.

Property address: 29982 391<sup>st</sup> PL. Aitkin Mn 56431

Owner/representative: Robert Lawson Owner's phone: \_\_\_\_\_

Brief system description: Existing 3 bedroom pressure bed is compliant, new house needs a new tank location

### System status

System status on date (mm/dd/yyyy): 5/8/2023

**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): \_\_\_\_\_

## 1. Impact on public health – Compliance component #1 of 5

**Compliance criteria:**

System discharges sewage to the ground surface  Yes\*  No

System discharges sewage to drain tile or surface waters.  Yes\*  No

System causes sewage backup into dwelling or establishment.  Yes\*  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
- 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?  Yes\*  No

Sewage tank(s) leak below their designed operating depth?  Yes\*  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:**

- Existing tanks will be pumped, collapsed, filled or removed.
- Installing new tanks in a different location to serve a new house. connecting to existing pressure bed.

**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: Installing new septic and pump tanks

### 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)
- This is the 2<sup>nd</sup> soils verification on this system

**Indicate depths or elevations**

A. Bottom of distribution media	Elv. = 97.2'
B. Periodically saturated soil/bedrock	Elv. = 94.4'
C. System separation	34"
D. Required compliance separation*	31.5' at 15%

\*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 boring on North end of presure bed.

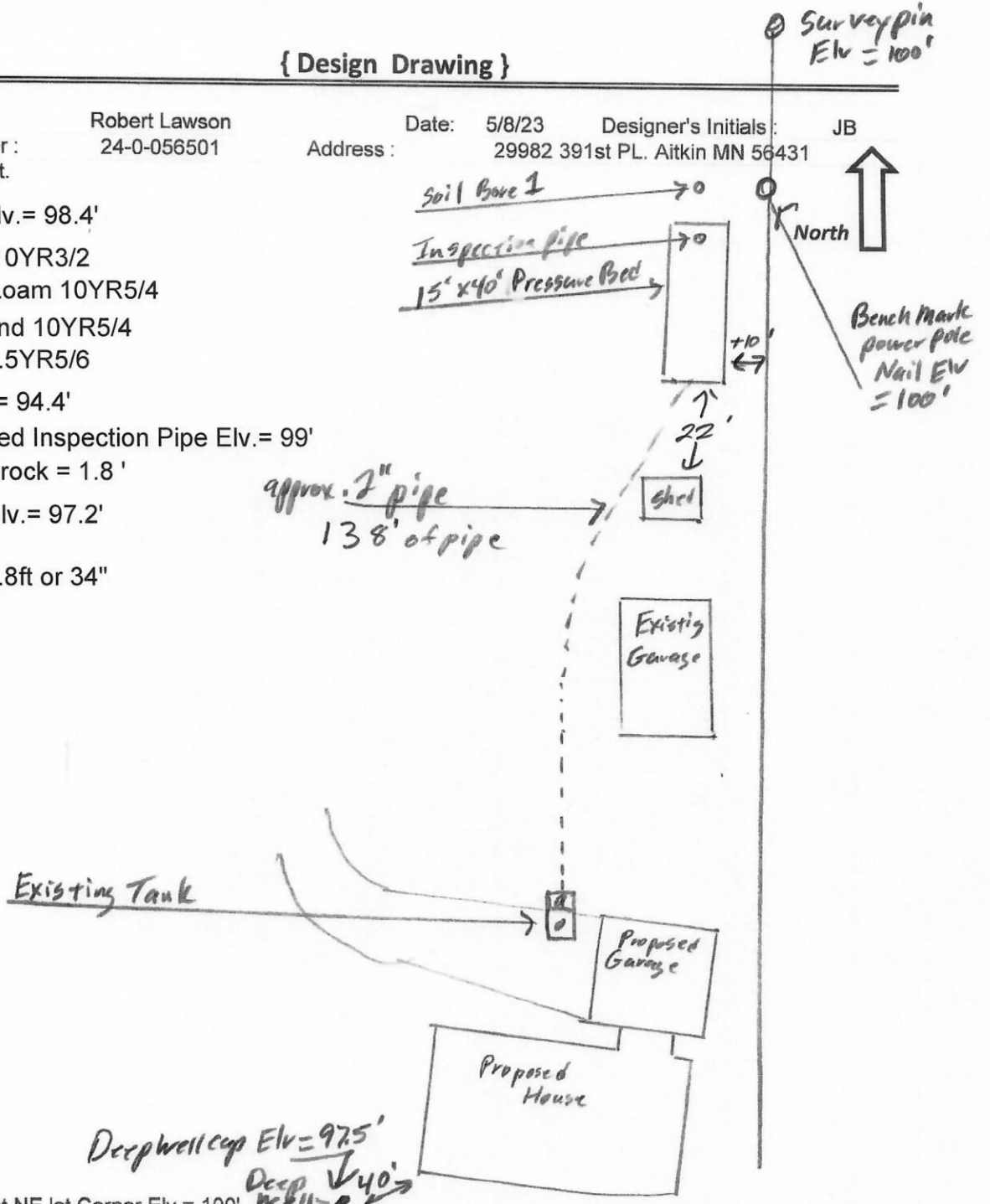
**Upgrade requirements:** (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground 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: Robert Lawson  
 Parcel ID. Number: 24-0-056501  
 one Inch = 40ft.

Date: 5/8/23 Designer's Initials: JB  
 Address: 29982 391st PL. Aitkin MN 56431

Soil Boring #1 Elv. = 98.4'  
 0" - 9" Top Soil 10YR3/2  
 9" - 23" Sandy Loam 10YR5/4  
 23" - 49" Med Sand 10YR5/4  
 49" Mottles 7.5YR5/6  
 Mottles at Elv. = 94.4'  
 Grade at Pressure Bed Inspection Pipe Elv. = 99'  
 9" cover plus 12" rock = 1.8'  
 Bottom of Rock Elv. = 97.2'  
 Separation = 2.8ft or 34"



Top of Survey pin at NE lot Corner Elv. = 100'

Surface/ SHWT	Nail on Power pole = Bench Mark 100'	Existing Grade
Soil Bore 1 98.4'	Bench Mark 100'	Existing 2" pipe at pump tank Elv. = 94.8'
Soil Bore 2	Ground Elv. BM 98.6'	Existing Garage grade SW corner Elv. = 96.8'
Soil Bore 3	Ground Elv. Tank 96.8'	Deep well Cap Elv. = 97.5'
Ground at Proposed house 97'		Approx. Sewer pipe at House Elv. = 95'

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

# SEPTIC INSPECTION SOIL BORING WORKSHEET

PROPERTY OWNER: JEANETTE KIMMEL

PARCEL# 24-0-056501

10/01/08

TYPE OF DRAINFIELD: PRESSURE BED

DEPTH TO BOTTOM OF ROCK = 26"

<b>Boring #1</b>		
DEPTH (inches)	TEXTURE	COLOR
0 - 2	Grass	
2 - 10	Sandy Loam	7.5YR 4/4
10 - 22	Sandy Loam	7.5YR 6/4
22 - 36	Sand	7.5YR 6/4
36 - 55	Sandy Loam	7.5YR 4/4
55 - 60	Sandy Loam	10YR 6/3
0 - 60	<b>NO MOTTLES FOUND</b>	

<b>Boring #2</b>		
DEPTH (inches)	TEXTURE	COLOR
0 - 2	Grass	
2 - 6	Sandy Loam	7.5YR 4/4
6 - 24	Sandy Loam	10YR 5/4
24 - 48	Sand	7.5YR 4/6 (MATRIX)
48 - 60	Sandy Loam	10YR 6/3
58 - 60	<b>Small Band of MOTTLES</b>	<b>10YR 6/1 5YR 5/8</b>

	(inches)
Soil Boring Depth/Restricting Layer	60
Less Bottom of Rock Depth.	- 26
<b>Amount of Vertical Separation ***</b>	<b>= 34</b>

	(inches)
Soil Boring Depth/Restricting Layer	58
Less Bottom of Rock Depth.	- 26
<b>Amount of Vertical Separation ***</b>	<b>= 32</b>



# Detailed Parcel Report

Parcel Number: 24-0-056501

## General Information

Township/City: NORDLAND TWP  
 Taxpayer Name: LAWSON, ROBERT P  
 Taxpayer Address: 3307 KATIE LANE  
 ARDEN HILLS MN 55112  
 Property Address: 29982 391st Pl  
 Township: 46 Lake Number: 1012500  
 Range: 26 Lake Name: LONE LAKE  
 Section: 30 Acres: 1.70  
 Green Acres: No School District: 1.00  
 Plat:  
 Brief Legal Description: 1.70 AC OF LOT 1 IN DOC #244352

## 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:	\$302,200.00
Estimated Building Value:	\$24,500.00
Estimated Total Value:	<u>\$326,700.00</u>
Prior Year Total Taxable Value:	\$269,600.00
Current Year Net Tax (Specials Not Included):	\$1,630.00
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.**