



020231000-2022



MINNESOTA POLLUTION CONTROL AGENCY

520 Lafayette Road North  
St. Paul, MN 55155-4194

# 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: 020231000 Reason for Inspection County Letter

Local regulatory authority info: Becker County Zoning 218-846-7314

Property address: 16142 Maple Ridge Road

Owner/representative: Dale Ladwig Owner's phone: 218-849-4758

Brief system description: Septic tank with gravity fed drainfield

### System status

System status on date (mm/dd/yyyy): 7/14/2022

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: Ohm Excavating LLC

Inspector signature: Olivia Ohm

*(This document has been electronically signed)*

Certification number: 1929

License number: 4034

Phone: 218-234-1256

### 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: 16142 Maple Ridge Road

Business Name: Ohm Excavating LLC

Date: 7/14/2022

### 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:**

**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:**

A camera was placed into the septic tank. No cracks or leaks were seen. Tank appears to be watertight.

**Attached supporting documentation:**

- Empty tank(s) viewed by inspector
  - Name of maintenance business: Septic Vac
  - License number of maintenance business: 1770
  - Date of maintenance: 7/13/2022
- 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: \_\_\_\_\_

Property Address: 16142 Maple Ridge Road  
Business Name: Ohm Excavating LLC

Date: 7/14/2022

### 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

Is the system required to employ a Nitrogen BMP specified in the system design?  Yes  No

*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)

Property Address: 16142 Maple Ridge Road  
 Business Name: Ohm Excavating LLC

Date: 7/14/2022

### 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.

**\*Any "no" answer above indicates the system is failing to protect groundwater.**

**Describe verification methods and results:**

Loam to clay loam

**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	30"
B. Periodically saturated soil/bedrock	15"
C. System separation	0"
D. Required compliance separation*	36"

\*May be reduced up to 15 percent if allowed by Local Ordinance.

**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 the 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.



# Soil Observation Log

Project ID:

V 04.01.2019

Client: Dale Ludwig

Location / Address:

16142 Maple Ridge Road

Soil parent material(s): (Check all that apply)

- Outwash     Lacustrine     Loess     Till     Alluvium     Bedrock     Organic Matter  
 Summit     Shoulder     Back/Side Slope     Foot Slope     Toe Slope    Slope shape: Linear, Linear

Landscape Position: (check one)

Lawn

Soil survey map units:

Slope %:

Date

07/14/22

Weather Conditions/Time of Day:

Cloudy, afternoon

Soil Boring #1

Observation Type:

Auger

Observation #/Location:

Soil Boring #1

Observation Type:

Auger

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure		
							Shape	Grade	Consistence
0-5	Loam	<35%	10YR 2/1				Granular	Weak	Friable
6-15	Clay Loam	<35%	10YR 4/3				Granular	Weak	Friable
			10YR 5/6	Concentrations	S2				
16+	Clay Loam	<35%	10YR 4/3				Granular	Weak	Friable
			10YR 6/2	Depletions	S1				

Comments

I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.

Olivia Ohm

(Designer/Inspector)

*Olivia Ohm*

(Signature)

C1929/ LA034

(License #)

7/14/2022

(Date)



42 Maple Ridge Road  
020231000  
7/14/2022

Ohm Excavating LLC  
Alvin #1929



Little cormorant

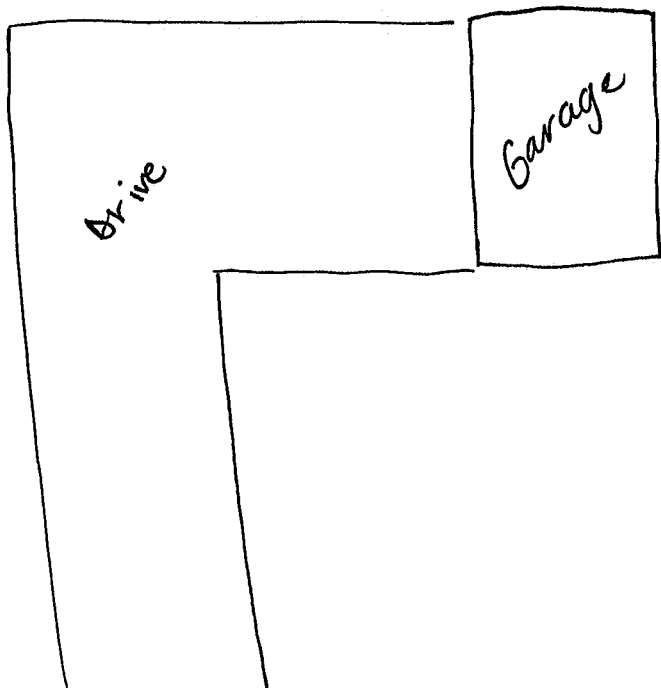
deep well



50'



Soil Treatment Areas





# COUNTY OF BECKER

## *Planning and Zoning*

915 Lake Ave, Detroit Lakes, MN 56501

Phone: 218-846-7314 ~ Fax: 218-846-7266

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July 26, 2022

Dale A & Diane B Ladwig  
16142 Maple Ridge Rd  
Audubon, MN 56511

**COPY**

Re Property: 02.0231.000

To Whom it May Concern,

A compliance inspection form was submitted into our office 07/22/2022 stating the existing septic system servicing the property is noncompliant per inspection conducted 07/14/2022.

The existing septic system is to be upgraded, repaired, or replaced per State and County regulations. You have 10 months from the date of non-compliance to update the system.

Enclosed is a list of ISTS contractors. An application for an upgraded system must be submitted into the office, with the installation completed within 10 months.

Any questions, please contact our office at 218-846-7314. Thank you.

Nicole Hultin

*Nicole Hultin*

Zoning Technician