



24910 Territorial Road, Rogers, Minnesota 55374 • 763-428-4489

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## **Property Address: 760 Hunt Farm Rd Orono, MN 55356**

**A septic compliance inspection was completed on the system, and the system is Compliant according to the MPCA codes for Chapter 7080 and local codes for the City of Orono in Hennepin County. The system the following attributes:**

**Date Home Built:** 1990

**Bedrooms:** 4

**Date Septic Built:** 1990

**Septic Tanks:** 2-1500-gallon septic tanks. Manhole cover to grade. Inlet and outlet baffles in place. Tanks are compliant.

**Pump Tank:** 1000-gallon pump tank. Manhole cover to grade. Tank is compliant. New pump installed in July of 2023

**Soil Treatment:** Pump fed mound system with a 20 inch sandlift and a 10'x50' rockbed.

**Comments:** Mound cleaning was done to correct rockbed issue.

Ende Septic Service, LLC, has been hired to perform a compliance inspection of your ISTS for compliance with local ordinances pursuant to Minn. State. Sec. 155.55 (2010). The compliance inspection covers only the criteria required by Minn. Stat. Sec. 155.55, Subd. 5a (2010 and Minn. R. 7080.1500 (2011)). A Compliance inspection is a snapshot in time of your septic system and does not warrant the condition or longevity of your septic system. Ende Septic Service, LLC, disclaims any use of the compliance inspection beyond determining SSTS compliance pursuant to Minn. Stat. Sec. 155.55 (2010).

*Tristan Ende*

# 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: 31-118-23-11-0010 Reason for Inspection Transfer of property

Local regulatory authority info: City of Orono, Hennepin County

Property address: 760 Hunt Farm Rd, Orono, 55356

Owner/representative: Michael Kuruvilla, Representative Rochelle Owner's phone: 612-590-8362

Brief system description: 2 - 1500 septic tanks and 1 - 1000 gallon pump tank to pressurized mound system

### System status

System status on date (mm/dd/yyyy): 9/20/2023

**Compliant – Certificate of compliance\***

*(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.)*

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

**Noncompliant – Notice of noncompliance**

*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.*

#### 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: Ende Septic Service Certification number: L2654

Inspector signature: Tristan Ende *Tristan Ende* License number: C9206

*(This document has been electronically signed)* Phone: 763-428-4489

### 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:**

**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:**

See attached tank integrity from Duane's Septic Service of May 20, 2023

**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): 5/20/2023  
(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 11/15/1989  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	20"
B. Periodically saturated soil/bedrock	12"
C. System separation	32"
D. Required compliance separation*	30.6"

\*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:**

**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.

<b>Date Completed :</b>	9/21/2023
<b>Completed By :</b>	Ende Septic Service
<b>Client / Project :</b>	760 Hunt Farm Rd Long Lake, MN
<b>LGU:</b>	Hennepin County
<b>Mapped soil type :</b>	Till

<b>Observation # :</b>	sb1 and sb2
<b>Equipment :</b>	bucket auger
<b>Limiting Layer :</b>	12"
<b>Vegetation :</b>	grassy
<b>Weather :</b>	Sunny

<i>Observation #</i>	<i>Septic Boring</i>		<i>Elevation:</i>			
<b>Horizon Depth</b>	<b>Soil Texture</b>	<b>Matrix Color</b>	<b>Redox features</b>	<b>Shape</b>	<b>Grade</b>	<b>Consistence</b>
0-4	loam	10YR3/2	no mottles	granular	weak	friable

<i>Observation #</i>	<i>Septic Boring</i>		<i>Elevation:</i>			
<b>Horizon Depth</b>	<b>Soil Texture</b>	<b>Matrix Color</b>	<b>Redox features</b>	<b>Shape</b>	<b>Grade</b>	<b>Consistence</b>

Property address: 760 Hunt Farm Rd Parcel ID: \_\_\_\_\_  
City: Orono State: MN Zip code: 55356

**Purpose:** This form may be used to certify the compliance status of the sewage tank components of the SSTS. This form is not a complete SSTS inspection report, only a tank integrity assessment, and may only certify sewage tank compliance status when entirely completed and signed by a qualified professional. SSTS compliance inspection report forms can be found at: <https://www.pca.state.mn.us/water/inspections>.

**Instructions:** This form may be completed, and signed, by a Designated Certified Individual (DCI) of a licensed SSTS inspection, maintenance, installation, or service provider business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system. A copy of this information should be submitted to the system owner and be maintained by the licensed SSTS business for a period of five (5) years from the assessment date.

When this form is signed by a qualified certified professional, it becomes *necessary supporting documentation* to an Existing System Compliance Inspection Report: [Compliance inspection form - Existing system \(wq-wwists4-31b\)](https://www.pca.state.mn.us/water/inspections). This form can be found on the MPCA website at <https://www.pca.state.mn.us/water/inspections>.

The information and certified statement on this form is **required** when existing septic tank compliance status is determined by an individual other than the SSTS Inspector that submits an inspection report. This form represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4 Item (B) subitem (1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4 Items B, C, and D; 7083.0730 Item C.

**Certificate of sewage tank compliance**

Affirm all three statements:

- The SSTS does not contain a seepage pit, cesspool, drywell, leaching pit, or other pit.
- It does not contain a sewage tank that was designed to be watertight, but subsequently leaks below the designed operating depth.
- It does not represent an imminent safety threat by reason of unsecured, damaged, or weak maintenance hole cover(s) or other unsafe condition.

*2-1750's  
1-1000 pump tank*

**Notice of sewage tank non-compliance**

Select all that apply:

- The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit – **“Failure to Protect Groundwater.”**
- It has a sewage tank that was designed to be watertight, but subsequently leaks below the designed operating depth – **“Failure to Protect Groundwater.”**
- It presents a threat to public safety by reason of unsecured, damaged, or weak maintenance hole cover(s) or other unsafe condition – **“Imminent Threat to Public Health or Safety.”**

**Company information**

Company name: Duane's Septic Service

Business license number: 654

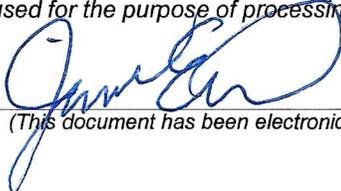
**Designated Certified Individual (DCI) information**

Print name: Jim Eicher

Certification number: 08172

*I personally conducted the work described above as a Designated Certified Individual of a Minnesota-licensed SSTS inspection, maintenance, installation, or service provider Business. I personally conducted the necessary procedures to assess the compliance status of each sewage tank in this SSTS.*

**By typing/signing 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.**

Designated Certified Individual's signature:   
*(This document has been electronically signed.)*

Date (mm/dd/yyyy): 05/20/2023



# Hennepin County Property Map

Date: 9/21/2023



PARCEL ID: 3111823110010

OWNER NAME: K M Kallivayalil Et Al

PARCEL ADDRESS: 760 Hunt Farm Rd,Orono MN 55356

PARCEL AREA: 2.34 acres, 101,886 sq ft

A-T-B: Abstract

SALE PRICE: \$500,000

SALE DATE: 01/2003

SALE CODE: Excluded From Ratio Studies

ASSESSED 2022, PAYABLE 2023  
 PROPERTY TYPE: Residential  
 HOMESTEAD: Homestead  
 MARKET VALUE: \$702,000  
 TAX TOTAL: \$7,194.08

ASSESSED 2023, PAYABLE 2024  
 PROPERTY TYPE: Residential  
 HOMESTEAD: Homestead  
 MARKET VALUE: \$815,200

### Comments:

*Tristan Ende*

This data (i) is furnished 'AS IS' with no representation as to completeness or accuracy; (ii) is furnished with no warranty of any kind; and (iii) is not suitable for legal, engineering or surveying purposes. Hennepin County shall not be liable for any damage, injury or loss resulting from this data.

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