



**Septic System Compliance Inspection – Existing System**

**Date: 4/17/2024**

**Property Owner: IBA Properties LLC**

**Ordered By: Roland Hill – 218-232-5486**

**Address: 48127 Kestrel Ave Tamarack MN 55787**

**Property ID#: 10-0-035602**

**Inspector: Raini Kohl**

A compliance inspection was performed at the above location. This inspection was to verify compliance as well as determine if the conditions of the Operating Permit are being met. The elevation of the soil treatment area was verified to confirm proper separation to saturated soil. The Soil Treatment Area (Drainfield) was also inspected to ensure there was no ponding or leaking. The septic tank was pumped and inspected. This onsite system was found to be **Compliant**.

- **Impact On Public Health:**

System is Compliant

- **Tank Integrity:**

Tank(s) are compliant

- **Other Compliance Conditions:**

None

- **Soil Separation**

Soils are compliant

- **Operating Permit and Nitrogen BMP**

OP – 806 – The conditions of the Operating permit are not currently being met. Event counter readings have not been provided from previous owner. IBA Properties has recently purchased this property and no readings were included at the time of sale. IBA Properties will be taking event counter readings each time they are onsite/monthly to determine daily usage.

I have included a copy of the compliance documents for your record. I have also sent a copy to Aitkin County for their records. If you have any questions, please do not hesitate to give us a call.

Thanks!

Tim Woodrow

Owner

218-927-6175

218-927-6175

1037 1st St. NW Aitkin, MN 56431

WWW.TIMBERLAKESSEPTIC.COM



**DISCLAIMER:**

The septic system inspection conducted for this property meets MPCA requirements for existing systems.

We recommend this system to be serviced and evaluated at least every 36 months by a septic professional.

Any additions to the home or increased use of the home may require an increase in system capacity.

1. Compliance Requirements evaluated as part of this inspection include the verification that the system tanks do not leak below the designed operating depth, the required separation between the bottom of the subsurface distribution medium and the seasonally saturated soils if applicable, no discharge of septage/effluent to the ground surface or surface water and no imminent safety hazards exist. Timber Lakes Septic Inc does not inspect interior pumps, plumbing, or associated components.
2. Certification of this system does not warranty future use beyond the date of inspection. Any system, new or old, can be hydraulically overloaded and discharge to ground surface as a result of increase use(more people in house, faulty plumbing fixtures, change in habits, groundwater infiltration etc), improper maintenance, tree roots, freezing conditions, surface drainage problems, etc. The system can also stop working simply due to its age. The life expectancy of a system is variable and dependent upon the items previously listed. Proper maintenance and water conservation will help contribute to a longer system life.
3. A compliance inspection is not meant to be a test or inspection of longevity of the system. A compliance inspection is for the purpose of verifying if the system is protective of public health and safety as well as protecting the ground water at the date and time the inspection was performed. This inspection is not intended to determine if the system was originally designed or installed to past or present MPCA/Local Government Unit Code requirements. This inspection is not intended to determine if the system was designed and/or installed to support the anticipated flow from buildings as the use of the buildings may have changed since the original design was completed. These changes may include additional bedrooms, occupants, increased use, etc. In addition, this inspection is not intended to determine the quality of the original system design, quality of the construction practices during installation, or quality of materials used.
4. Timber Lakes Septic Inc. has not been retained to warranty, guarantee, or certify the proper functioning of the ISTS system for any period of time beyond the date of inspection or into the future. There are numerous factors which may affect the proper operation of a ISTS System and the inability of Timber Lakes Septic to supervise or monitor the use or maintenance of the ISTS System, the Compliance Report shall not be construed as a warranty or guarantee of future system performance.
5. By accepting this report, the client understands that Timber Lakes Septic will not be responsible for any monetary damages exceeding the fee for services provided.
6. This Report is prepared for the person or rep of the person providing payment for the fees charged.

# 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: 10-0-035602 Reason for Inspection Permit

Local regulatory authority info: Aitkin County

Property address: 48127 Kestrel Ave Tamarack, MN 5578710-0-035602

Owner/representative: Roland Hill Owner's phone: 218-232-5486

Brief system description: 1500 Septic & 520 Lift to a 36" Sandbase mound 10' x 50'. This system also has an event counter (150 Gallons Per Cycle). Operating Permit 806 is currently in place to monitor this system.

### System status

System status on date (mm/dd/yyyy): 4/17/2024

**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: Timber Lakes Septic Service Certification number: C2703

Inspector signature: Raini Kohl License number: L455

*(This document has been electronically signed)* Phone: 218-927-6175

### 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:**

**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 4/17/2024  
(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: \_\_\_\_\_

### 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:**

OP – 806 – The conditions of the Operating permit are not currently being met. Event counter readings have not been provided from previous owner. IBA Properties has recently purchased this property and no readings were included at the time of sale. IBA Properties will be taking event counter readings each time they are onsite/monthly to determine daily usage.

Attached supporting documentation:  Operating permit (Attach)

## 5. Soil separation – Compliance component #5 of 5

Date of installation 11/2/2022  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)
- Verified Elevation from bottom of STA to Grade >36"

**Indicate depths or elevations**

A. Bottom of distribution media	100
B. Periodically saturated soil/bedrock	Below 97.0'
C. System separation	>3.0'
D. Required compliance separation*	2.55'

\*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.

**AITKIN COUNTY**  
**CERTIFICATE OF INSTALLATION/NOTICE OF NONCOMPLIANCE**

This certificate of installation/~~notice of noncompliance~~ has been issued this 2nd day of November, 20 22 to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as:  
SE NE LESS 4 AC & E 1/2 OF E 1/2 OF SE 1/4 LESS 1 AC & LESS .64 AC CO RD ROW

Section 21 Township 49 Range 22 Lake ----  
PERMIT NO. 47358 Owner Name James & Tammy Onstad  
Address 48127 Kestrel Ave, Tamarack, MN 55787  
Installer Name Cloquet Constructors L941  
Type of System Inspected Type 3 4BR Mound  
Parcel Number 10-0-035602

The certificate of installation/~~notice of noncompliance~~ was based on No 1 of the following:

- 1) Inspection of the installation or construction as in accordance with the above referenced permit and application design.
  
- 2) Review of as-built plans submitted in accordance with Subdivision 9.2 D of Aitkin County's Subsurface Sewage Treatment System Ordinance.

If the above permitted subsurface sewage treatment system is in noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance, then the following shall serve as a Notice of Violation:

- 1) Statement of the findings of fact through inspections or investigations:

2) List of specific violations of Ordinance: \_\_\_\_\_

3) Requirements for correction or removal of violations: \_\_\_\_\_

4) Time schedule for compliance: \_\_\_\_\_

Failure to correct or remove the above violation(s) will result in this matter being turned over to the Aitkin County Attorney's Office for further legal action, which may result in revocation of licenses or registrations, fines and/or imprisonment.

INSPECTOR SIGNATURE Bryan Hargrave

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

Township Haugen Date of Inspection 10/25/2022 F App. Number 2022-035602  
10/20/2022 I 47358  
 Owner James & Tammy Rustad Parcel Number 10-0-035602  
 Project Address 48127 Kestrel Ave Installer Cloquet Constructors  
T34BR MND L941  
 City Tomerack Zip Code 55787

New  Repair

DIST. or DROP BOX & TYPE \_\_\_\_\_

**SETBACKS:**

**TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:**

Buildings to tank(s) 13'  
 Buildings to drainfield 80'  
 Well(s) 50' or 100' 24' to ex tank DW  
 Lake/Creek/Wetland \_\_\_\_\_

Trench/Bed depth \_\_\_\_\_  
 Trench/Bed length \_\_\_\_\_  
 Trench/Bed bottom width \_\_\_\_\_  
 Trench spacing \_\_\_\_\_  
 Drainfield rock below pipe \_\_\_\_\_  
 Size of gravelless pipe \_\_\_\_\_  
 Depth of backfill \_\_\_\_\_  
 Absorption area: square feet \_\_\_\_\_  
 lineal feet \_\_\_\_\_

**SEPTIC TANKS:**

New  Existing

Number of tanks installed 1  
 Liquid capacity and type 1500 Combo ex  
 Type of baffle Conc

**MOUNDS:**

Inspection pipes \_\_\_\_\_  
 Manholes size 24"  
 Manhole to grade Yes  No

Percent slope 1%  
 Upslope sand width 13'  
 Downslope sand width 14'  
 Sideslope sand width 10'  
 Drainfield rock below pipe 6"  
 Depth of sand below rock 36"  
 Perforation size & spacing 1/32"/36" sp  
 Pipe size & spacing 1.5"/36" sp  
 Dimensions of rock bed 10' x 50'  
 Dimensions of sand base 36' x 73'  
 Final cover 45' x 86'; 12" cover over rd - 4" ts

**PUMPS:**

New  Existing

Tank capacity and type 520G Tac  
 Pump manufacturer & model # Gould PE411  
 Horsepower & GPM 0.4 HP 29 GPM  
 Feet of head 16'  
 Gallons per cycle 150 GPC  
 Size of discharge line 2"  
 Type & location of alarm Elec. Alarm  
 Water meter Event Counter

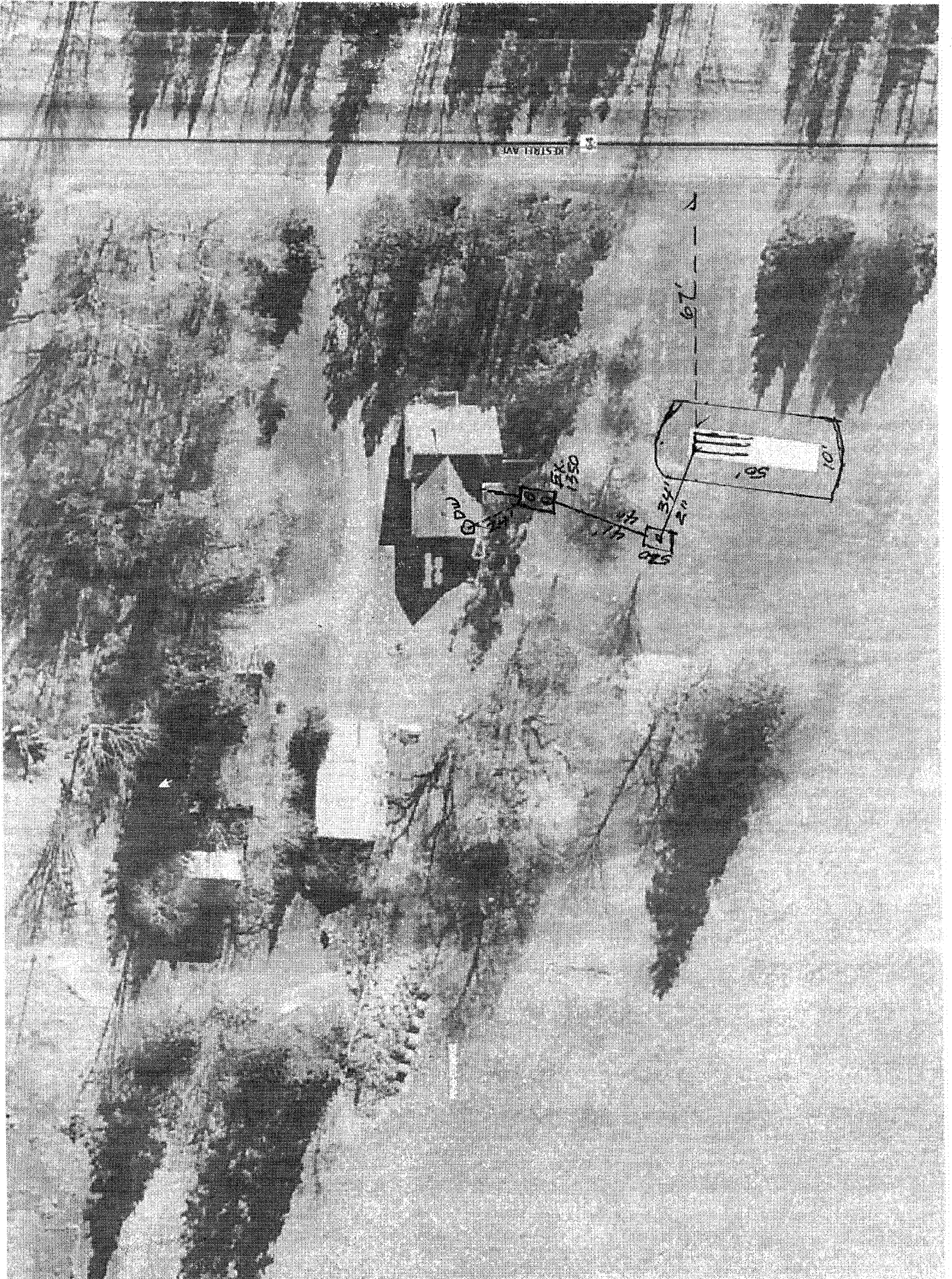
DRAWING OF SYSTEM: (include soils)

Inspector's Comments: Well in inside house. 24' to existing tank. 4" pipe between ex. septic tank & new lift tank was not pressure tested. Well is 70' from new lift tank.

Inspector's Signature Bryan Hargrave Installer's Signature \_\_\_\_\_



2



# Soil Observation Log

www.SepticResource.com vers 12.4

Owner Information	
Property Owner / project: <u>James Onstad</u>	Date <u>8/11/2022</u>
Property Address / PID: <u>48127 Kestrel Ave.</u>	

Soil Survey Information	
<input type="checkbox"/> refer to attached soil survey	
Parent mat'l's:	<input checked="" type="checkbox"/> Till <input type="checkbox"/> Outwash <input type="checkbox"/> Lacustrine <input type="checkbox"/> Alluvium <input type="checkbox"/> Organic <input type="checkbox"/> Bedrock
landscape position:	<input type="checkbox"/> Summit <input type="checkbox"/> Shoulder <input checked="" type="checkbox"/> Side slope <input type="checkbox"/> Toe slope
soil survey map units:	_____ slope <u>1</u> % direction- <u>downhill</u>

Soil Log #1							
		<input checked="" type="checkbox"/> Boring	<input type="checkbox"/> Pit	Elevation _____	Depth to SHWT <u>12"</u>		
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape
0-8	Topsoil	<35	5YR3/3		Friable	Weak	Granular
8-12	Sandy Loam	<35	10YR4/3	7.5YR5/6	Friable	Weak	Granular
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive
Comments: Mottles at 12"							

48127 Kestrel Ave.

## Soil Log #2

		<input checked="" type="checkbox"/> Boring	<input type="checkbox"/> Pit	Elevation _____		Depth to SHWT 12"		
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape	
0-8	Topsoil	<35	5YR3/3		Friable	Weak	Granular	
8-12+	Sandy Loam	<35	10YR4/3	7.5YR5/6	Friable	Weak	Granular	
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive	
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive	
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive	

48127 Kestrel Ave.

## Soil Log #3

		<input checked="" type="checkbox"/> Boring	<input type="checkbox"/> Pit	Elevation _____		Depth to SHWT 12"		
Depth (in)	Texture	fragment %	matrix color	redox color	consistence	grade	shape	
0-8	Topsoil	<35	5YR3/3		Friable	Weak	Granular	
8-12+	Sandy Loam	<35	10YR4/3	7.5YR5/6	Friable	Weak	Granular	
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive	
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive	
		<35 35 - 50 >50			loose friable firm rigid	loose weak moderate strong	single grain granular blocky prismatic platy massive	

I hereby certify this work was completed in accordance with MN 7080 and any local req's.

\_\_\_\_\_  
Designer Signature

R.H. Inspection & Design  
Company

3847  
License #

**AITKIN COUNTY ENVIRONMENTAL SERVICES-PLANNING & ZONING**  
307 Second Street NW, Room 219  
Aitkin, Minnesota 56431

PH: (218) 927-7342  
FX: (218) 927-4372  
aitkinpz@co.aitkin.mn.us



10/7/2022

James Onstad  
15415 Goshawk St  
Tamarack, MN 55787

Re: Operating Permit #806  
Zoning Permit # 2022-9530  
Parcel # 10-0-035602

Dear Permittee:

Enclosed is the Operating Permit for an "Other" Septic System (formerly Experimental, Performance, Etc.) that you are petitioning Aitkin County to allow to be installed on your property instead of a standard system. Please review this permit thoroughly and become acquainted with all of the conditions, then sign the operating permit and return it to the address above.

**One provision that is often overlooked by homeowners is the State of Minnesota requirement that a water meter or other flow measuring device be installed and the results recorded by the homeowner on a REGULAR basis.**

You will receive an annual reminder notice on how to renew your operating permit before the renewal expiration deadline. This reminder notice will ask that you provide:

- 1) Recorded water meter readings
- 2) Annual Compliance Inspection report
- 3) Renewal application and fee

The Service Provider/Qualified Individual is privately hired by you, the landowner. The Service Provider/Qualified Individual must review the septic system on an annual basis. This annual review would be a great opportunity to review the conditions of the Operating Permit.

Should you have any questions, please contact our office.

Thank you,  
Aitkin County Planning & Zoning

Enclosure: Operating Permit App

**AITKIN COUNTY ENVIRONMENTAL SERVICES**

**OPERATING PERMIT FOR WASTEWATER  
TREATMENT AND DISPERSAL**

**OPERATING PERMIT #:** 806  
**ZONING PERMIT #:** 2022-9530  
**PARCEL #:** 10-0-035602  
**PERMITTEE:** James Onstad

**ORIGINAL DATE ISSUED:** 10/6 /2022  
**RENEWAL PERIOD:** ANNUALLY  
**EXPIRATION:** 9 /30/2025

**MAILING ADDRESS:** 15415 Goshawk St  
Tamarack, MN 55787

**PROPERTY ADDRESS:**  
48127 Kestrel Ave  
Tamarack, MN 55787

**TELEPHONE:** (218) 232-8569

**LEGAL:** SE NE LESS 4 AC & E 1/2 OF E 1/2 OF SE 1/4 LESS...

**FEE PAID:**                      **DATE PAID:**                      **INVOICE #** 56124                      **CK #:**

Aitkin County Environmental Services authorizes the Permittee to operate a wastewater treatment and dispersal system located on the above described property in accordance with the requirements of this permit.

This permit is effective on the issuance date identified above. This permit and the authorization to treat and disperse from the above system shall expire on the above expiration date. The Permittee is not authorized to discharge after the above date of expiration. The Permittee shall submit such monitoring information as required by Aitkin County Environmental Services no later than thirty (30) days prior to the expiration date. When the required information is submitted and approved by Aitkin County Environmental Services, the permit may be renewed. This permit is not transferable from owner to owner.

**I hereby certify with my signature as the Permittee that I understand the provisions of this operating permit including maintenance and monitoring requirements. I agree to indemnify and hold Aitkin County harmless from all loss, damages, costs and charges that may be incurred by use of this system and if I fail to comply with the provisions of this Operating Permit. If I sell this property during the life of the permit, I will inform the new owner(s) of the permit requirements and the need to renew the operating permit.**



\_\_\_\_\_  
**Signature of Permittee**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Signature of Permitting Authority**

\_\_\_\_\_  
**Date**

If you have any questions regarding this permit, including the specific permit requirements, permit reporting or permit compliance status, please contact Aitkin County Environmental Services at 218-927-7342.

**A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM**

4 Bedroom Type III "Other" Mound system. Treatment with 30"+ of sand base. Type III due to mottles in soil in 8"-12" area.

**B. PERFORMANCE STANDARD REQUIREMENTS:**

During the period beginning on the effective date (issuance date) of this permit and lasting until this permit's expiration date, the Permittee is authorized to discharge from the wastewater treatment unit to subsurface dispersal. No surface discharge is permitted. The following parameters must be monitored and the results must be found within the compliance limits.

PARAMETER	COMPLIANCE LIMIT	SAMPLE LOCATION	SAMPLE FREQUENCY	SAMPLE TYPE	REPORTING FREQUENCY
Seperation Distance	3 feet	Mound	Yearly	Boring by inspector	ANNUALLY to Aitkin Co.
Flow	400	Event Counter	Monthly by owner	Record on a Log Sheet	Annually to Aitkin Co.

**C. MAINTENANCE REQUIREMENTS:**

PARAMETER	LOCATION	FREQUENCY
600 GPD Flow	Event Counter	Record Monthly

**D. MONITORING AND REPORTING REQUIREMENTS:**

Monitoring results obtained during each calendar year shall be submitted no later than September 30th of that year to:

Aitkin County Environmental Services  
307 2nd Street NW, Room 219  
Aitkin, MN 56431

The monitoring reports shall be signed by the Permittee. Copies are to be retained by the Permittee. Any sampling and laboratory testing procedures shall be performed in accordance with Standard Methods at a Minnesota Department of Health approved laboratory. All sampling and testing costs shall be the responsibility of the Permittee. Monitoring plans may be modified as necessary and reapproved by Aitkin County Environmental Services.

The Permittee shall notify Aitkin County Environmental Services within thirty (30) days when monitoring results do not meet the monitoring plan requirements of this permit.

The owner has secured the services of **Unknown** as the Service Provider or qualified individual for this system. The Service Provider or qualified individual is hereby authorized to report the required monitoring data and routine maintenance service records to Aitkin County Environmental Services.

**E. MITIGATION PLAN:**

Insepect system 1 year after install.

# AITKIN COUNTY ENVIRONMENTAL SERVICES

## APPLICATION for an OPERATING PERMIT FOR WASTEWATER TREATMENT AND DISPERSAL

PERMITTEE JAMES ONSTAD PARCEL NUMBER 10-0-035602

ADDRESS 48127 KESTREL AVE.

LEGAL DESCRIPTION \_\_\_\_\_

TELEPHONE # 218-732-8569

GIS LOCATION \_\_\_\_\_

**A. DESCRIPTION OF WASTEWATER TREATMENT AND DISPERSAL SYSTEM:**  
(Attach ISTS site evaluation and design; estimated cost of system construction, operation, monitoring, service, component replacement, and management; anticipated system life, hydraulic and organic loading rates)

MOTTLES IN SOIL IN 8"-12" AREA, TREATMENT WITH  
30" + SAND MOUND

**B. MONITORING PLAN AND REPORTING FREQUENCY:**

PARAMETER	COMPLIANCE LIMIT	SAMPLE LOCATION	SAMPLE FREQUENCY	SAMPLE TYPE	REPORTING FREQUENCY
FLOW	<u>600 GPD</u>	<u>EVENT COUNTER</u>	<u>MONTHLY</u>		<u>ANNUAL TO COUNTY</u>
5-DAY BOD					
TOTAL NITROGEN					
TOTAL PHOSPHORUS					
TSS					
FATS, OILS AND GREASE					
FECAL COLIFORM					
SEPARATION DISTANCE	<u>3'</u>	<u>MOUND</u>	<u>YEARLY</u>	<u>BORING</u>	<u>ANNUAL TO COUNTY</u>

HOMEOWNER RECORDS EVENT COUNTER MONTHLY AND REPORTS TO COUNTY

HOMEOWNER

will perform the monitoring of this septic system.

C. MAINTENANCE PLANS

PARAMETER	LOCATION	FREQUENCY
600 GPD	EVENT COUNTER AT PUMP TANK	MONTHLY

D. MITIGATION PLAN:

INSPECT SYSTEM 1 YEAR AFTER INSTALL

I hereby certify with my signature as the designer, that all data for the operating permit application is true and correct to the best of my knowledge. I agree to indemnify and hold Aitkin County harmless from loses, damages, costs and charges that may be incurred by the County because of the information submitted with this application.

Roger Hurd  
Signature

3847  
License Number

5 OCT 22  
Date

ROGER HURD  
Name (please print)

2169 SCHLINDER RD  
Address (CADDON), 55718

218-391-0510  
Telephone #