

**Instructions:** Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached supporting documentation – additional local requirements may also apply. Further information can be found here: <https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf>.

**Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance.**

### Property information

Local tracking number: \_\_\_\_\_

Parcel ID# or Sec/Twp/Range: 10.032.21.14.0006 Local regulatory authority: Washington County

Property address: 22840 Imperial Ave N

Owner/representative: Jskie Paul Owner's phone: 763-464-3249

Brief system description: 2000 septic tank, 1250 gallon tank with a zabel filter, 1000 pump tank with dripline

### System status

System status on date (mm/dd/yyyy): 11/4/2021

**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**

*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:*

*Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.*

RECEIVED  
NOV 16 2021  
PUBLIC HEALTH

#### 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

2000 gallon septic tank, 1250 gallon filter tank with a Zabel Filter, 1000 Gallon pump tank with dripline system.  
Trees by the tank should be removed. The roots are growing into the tanks. The trees and shrubs should be taken of the system.

### 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: AT Septic Inspections & Design Inc Certification number: 7638

Inspector signature: *[Signature]* License number: 3886

*(This document has been electronically signed)*

Phone: 320-980-0235

### Necessary or locally required supporting documentation (must be attached)

- Soil observation logs
- 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:

Pumped at time of inspection

Name of maintenance business: Olson Sewer

License number of maintenance business: 216

Date of maintenance: 11/4/2021

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: \_\_\_\_\_

### 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:**

Two manhole covers were us safe. The manhole covers were replaced 11/9/2021

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 10/18/2021  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 (Advanced Inspector License required)  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 (Attach)

Two previous verifications of required vertical separation (Attach)

Not applicable (No soil treatment area)

\_\_\_\_\_

**Indicate depths or elevations**

A. Bottom of distribution media	20"
B. Periodically saturated soil/bedrock	16"
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:

**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.



# Soil Observation Log

Project ID: v 04.01.2021

<b>Client:</b> Jackie Paul		Location / Address: 22840 Imperial Ave N							
Soil parent material(s): (Check all that apply) <input checked="" type="checkbox"/> Outwash <input type="checkbox"/> Lacustrine <input type="checkbox"/> Loess <input checked="" type="checkbox"/> Till <input type="checkbox"/> Alluvium <input type="checkbox"/> Bedrock <input type="checkbox"/> Organic Matter									
Landscape Position: (select one) Back/Side Slope		Slope shape: Linear, Linear							
Vegetation: Grass		Soil survey map units: Elevation-relative to benchmark:							
Weather Conditions/Time of Day: Sunny		Date: 11/04/21							
<b>Observation #/Location:</b> 1		South end of sewer							
Observation Type: Auger		Structure: -----I							
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Shape	Grade	Consistence
0-7"	Medium Sandy Loam	<35%	10YR 3/2		None	None	Blocky	Weak	Friable
7-14"	Medium Sandy Loam	<35%	10YR 4/4		None	None	Blocky	Weak	Friable
14-20"	Medium Sandy Loam	<35%	10YR 3/4		None	None	Blocky	Weak	Friable
20-30"	Medium Sandy Loam	<35%	10YR 3/4	7.5YR 5/6 7.5YR 6/2	Concentrations, depletions.	S2	Blocky	Weak	Friable
<b>Comments</b> Mottling at 20" Mottling colors are 7.5YR 5/8 & 6.2									
I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.									
Amy Thompson (Designer/Inspector)								3886 (License #)	
 (Signature)								11/4/2021 (Date)	

# SITE PLAN

Application Number
Tax Parcel Number

Please be as complete as possible. Include all of the items listed below where applicable.

### GENERAL CHECKLIST

- scale
- north arrow
- lot dimensions
- structure location
- side lot setback
- road setback
- septic tank location
- drainfield location
- location of all wells within 100' of drainfield
- fill & grading limits
- vegetation alteration limits

### WATER RESOURCE CHECKLIST

- location of roadway
- location of flood fringe
- location of ordinary high water level (OHWL)
- location of present water line
- setback from OHWL
- location of highest known water level
- existing local drainage
- location of wetland areas



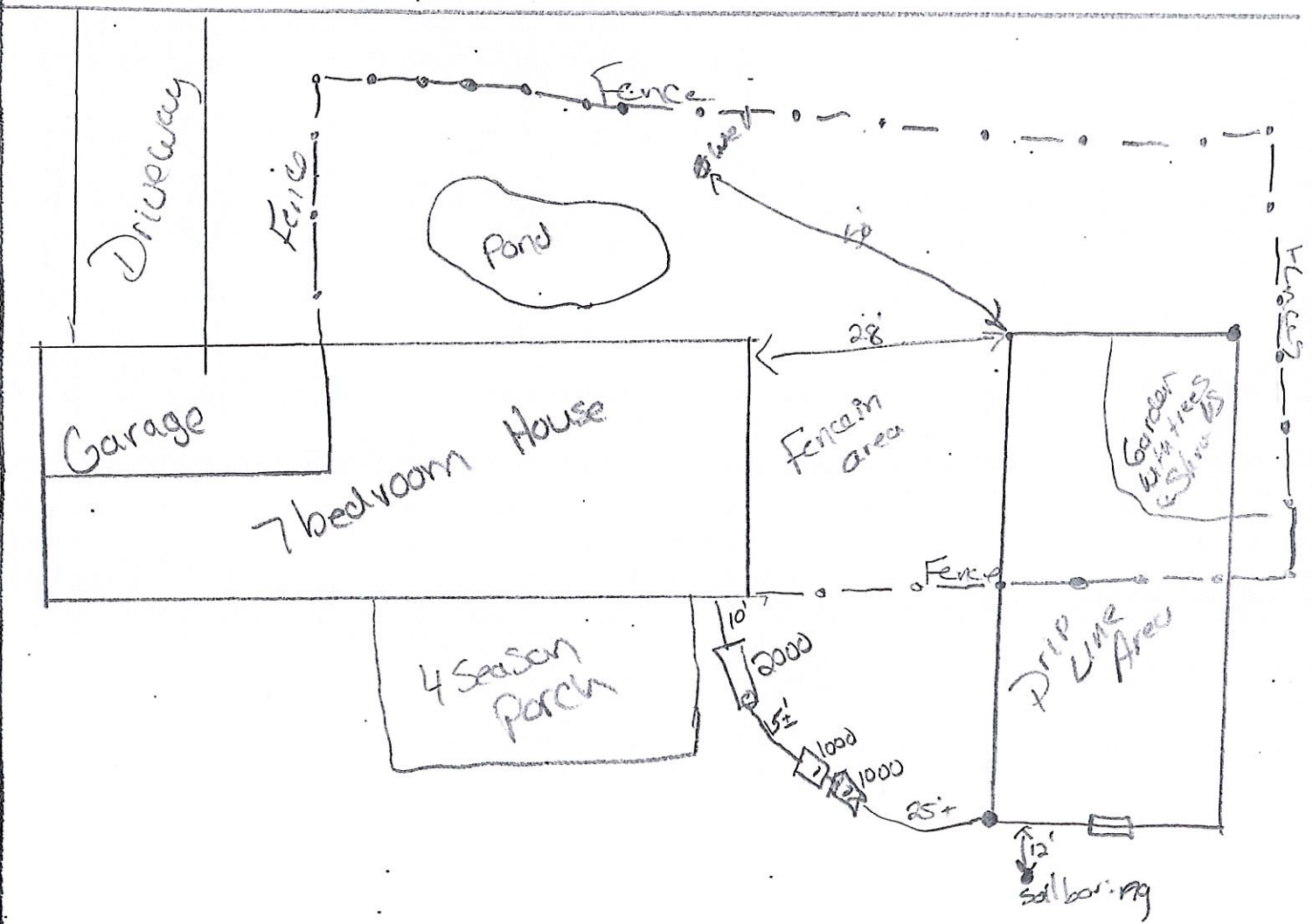
Notes

Scale of Diagram: 1" = 10'

Drawing By: Amy Thompson

Date of Drawing: 11-4-2021

Imperial Ave N.



**AT SEPTIC INSPECTIONS & DESIGN INC.  
4986 1 GOVERNMENT RD  
RUSH CITY MN 55069  
320-980-0235**

Date: 11/4/2021

Address: 22840 Imperial Ave N

PID #: 10.032.21.14.0006



2000 gallon septic tank



Floor



outlet baffle

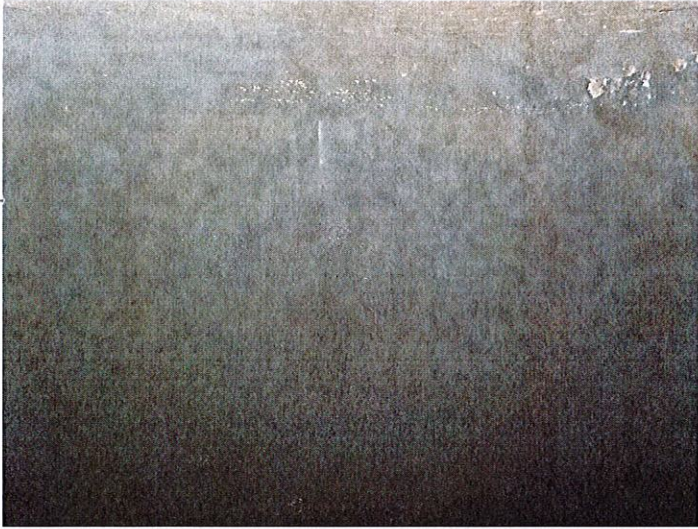


Side wall



Side wall





Inlet baffle



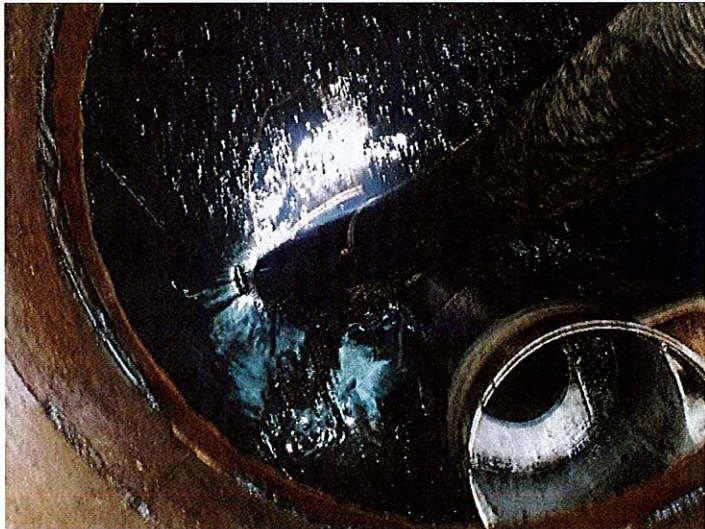
Inside filter



Alarm for filter



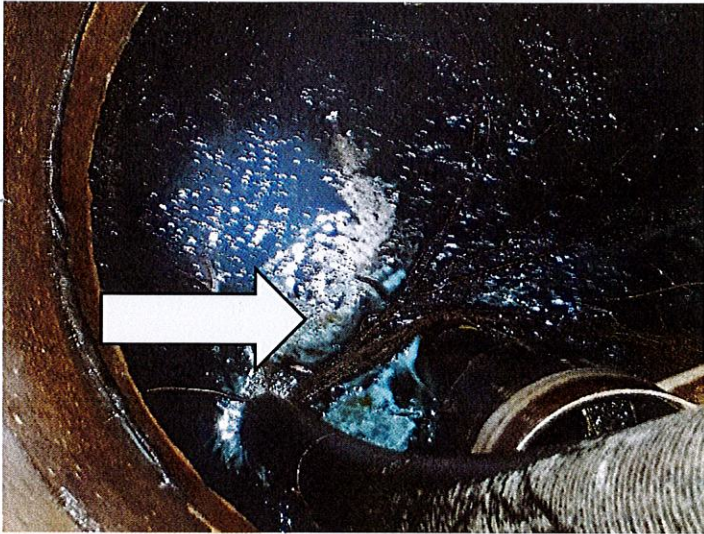
inside filter tank



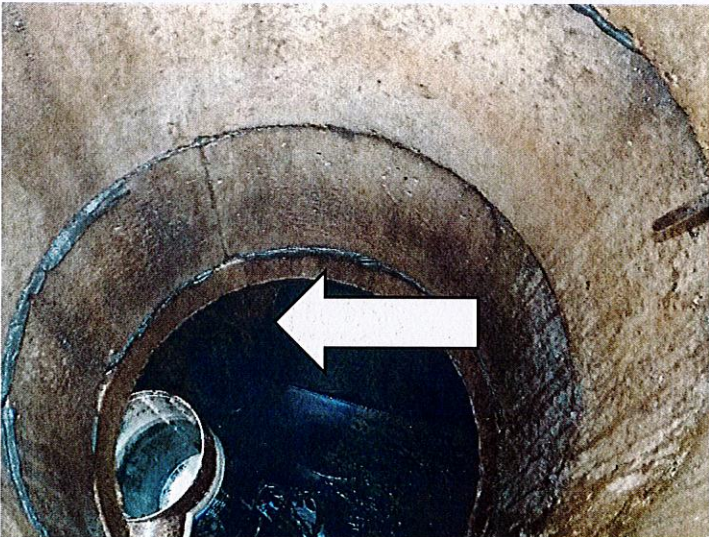
floor of filter tank



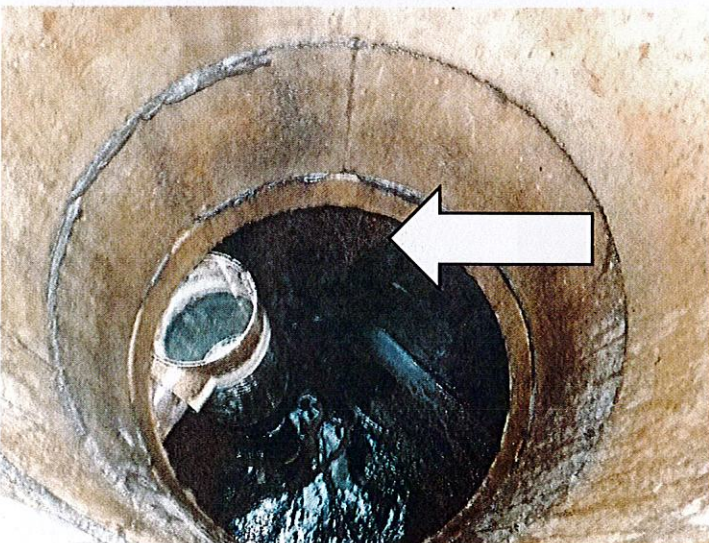
Inside filter tank



Roots on the floor



Roots growing in



roots growing in



Inside pump tank



Floor of pump tank



Floor of pump tank



Inside pump tank



Chipped cover on pump tank



Chipped cover on filter tank



Covers replaced on both the filter and the pump tank



Well to system



System area



removed

System area Trees and shrubs should be



Air relief valve



System area



System area



Valve boxes

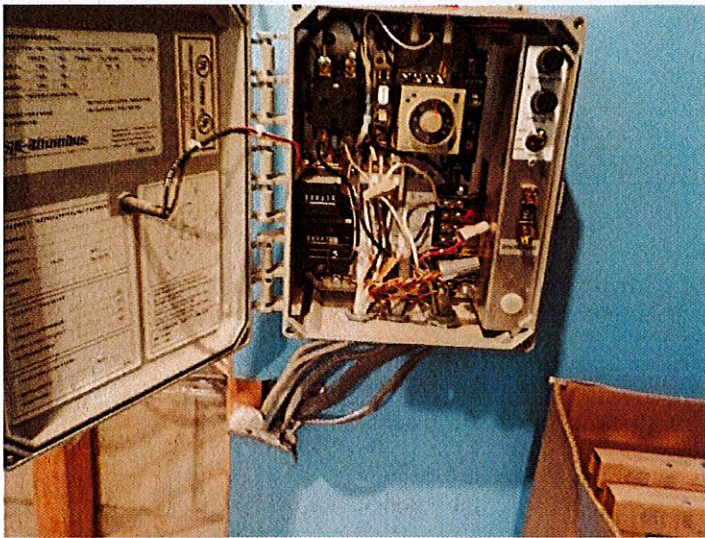


Boxes on drip line

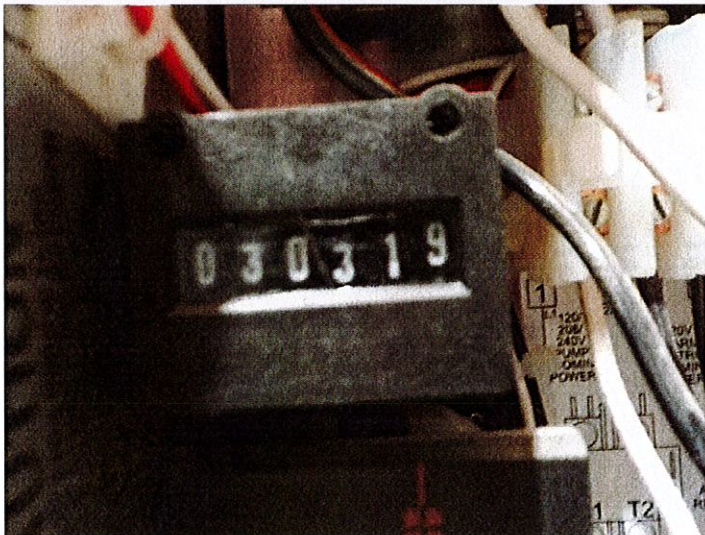




Soil boring



Control panel in house



Event counter



Hour meter

**AT Septic Inspections & Design Inc. Disclaimer Sheet**  
**Relative to Subsurface Sewage Treatment System Compliance Inspection**

1. This inspection/report is being performed for only the seller/owner of the property on which the septic system located; there is no contract between AT Septic Inspections & Design Inc. and any other party except seller/owner unless otherwise noted. In such case that the buyer of the property is paying for the inspection, the contract is between only the buyer of the property and AT Septic Inspections & Design Inc.; there is no contract with any other party unless otherwise noted.
2. AT Septic Inspections & Design Inc. has not been retained to warranty, guarantee, or certify the proper functioning of the system for any period of time beyond the date of inspection or into the future. Because of the numerous factors (usage, maintenance, soil characteristics, previous failures, etc.) which may affect the proper operation of a septic system, as well as the inability of AT Septic Inspections & Design Inc. to supervise or monitor the use or maintenance of the system, the report shall not be construed as a warranty by AT Septic Inspections & Design Inc. that the system will function properly for any particular party for any period of time.
3. Minimum Compliance Inspection requirements relative to this inspection and this report include only verification that the septic system has tank(s)(septic tanks, lift tanks, dosing tanks, stilling tanks, etc.) which are watertight below the designed operating depth, the required separation between the bottom of the subsurface soil distribution medium and seasonally saturated soils, no back-ups of sewage into the dwelling, no discharge of sewage/effluent to the ground surface or surface waters, and no imminent safety hazards. AT Septic Inspections & Design Inc. does not inspect basement ejector pumps or exterior lift tank pumps and associated components as these are considered to be maintenance items. Sewage back-up verification is limited to observing the floor drain area and/or the information supplied by the last occupants of the building prior to inspection. AT Septic Inspections & Design Inc. cannot guarantee that the information given to them by the last occupants of the building prior to inspection relative to back-up is accurate. Some persons may attempt to hide or conceal signs of previous back-ups.
4. Certification of this system does not warranty future use beyond the date of the inspection. Any system, old or new, can become hydraulically overloaded or discharge sewage/effluent to the ground surface as a result of more people moving into the house than were previously occupying the house, improper maintenance, heavy usage, leaking plumbing fixtures, groundwater infiltration, tree roots, freezing conditions, surface drainage problems, poor initial design, poor conditions practices, or unsuitable materials used in constructing the system; The system can also simply stop working because of its age. The average life expectancy of a system that has been properly designed, installed, properly maintained, and used in the manner for which the system was designed can be expected to provide service for twenty to twenty-five years. Some parts of the system such as alarms, switches, pumps, and filters will most likely have to be replaced over the lifetime of the system.
5. A compliance inspection is not meant to be a test or inspection for longevity of the system; a compliance inspection is strictly for the purpose of determining if the system is protective of public health and safety and is protective to groundwater 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 or other 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 the building as the use of the building may have changed since the design and construction of the system due to the addition of bedrooms, occupants, etc. In addition, this inspection is not intended to determine the quality of the original systems design, the quality of the construction practices used while installing the system, or the quality of the materials used in constructing the system.
6. **Winter Work:** Client (persons paying for inspection) understands that inspections conducted during winter weather (approximately November 1<sup>st</sup> through April 1<sup>st</sup>) are more difficult to perform because of possible snow cover and/or ground frost. System components such as tanks, maintenance covers, tank inspection pipes, subsurface distribution medium inspection pipes. and soil treatment area more difficult or impossible to locate due to snow cover and/or ground frost. In addition soil borings are more difficult to perform due to snow cover and/or ground frost. AT Septic Inspections & Design Inc. will attempt to use the same level of standards when performing work during winter periods as when performing work during non- winter periods. However, client understands that because of the aforementioned considerations, the same level of standards may not be possible.
7. By accepting this report, the client understands that AT Septic Inspections & Design Inc. will not be responsible for any monetary damages exceeding the fee of the service provided.