

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: 0902921220012 Reason for Inspection Sale of property

Local regulatory authority info: Washington County

Property address: 8051 50TH ST N, CITY OF LAKE ELMO

Owner/representative: THERING JAKE Owner's phone: 651-283-2596

Brief system description: System replaced in 2020. Two thousand gallon septic tank and pump tank going to mound

System status

System status on date (mm/dd/yyyy): 3/31/2023

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: SS Septic Solutions, LLC

Certification number: 9917

Inspector signature: 
(This document has been electronically signed)

License number: 4137

Phone: 651-343-9117

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

Attached supporting documentation:

- Other: _____
- Not applicable

Any "yes" answer above indicates the system is an imminent threat to public health and safety.

Describe verification methods and results:

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:	

Attached supporting documentation:

- Empty tank(s) viewed by inspector
 - Name of maintenance business: Meyers
 - License number of maintenance business: _____
 - Date of maintenance: 3/31/2023
- 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: _____

Any "yes" answer above indicates the system is failing to protect groundwater.

Describe verification methods and results:

Tanks in great shape at time of inspection.

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 8/25/2020 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	+2'
B. Periodically saturated soil/bedrock	1.2'
C. System separation	3'
D. Required compliance separation*	3'

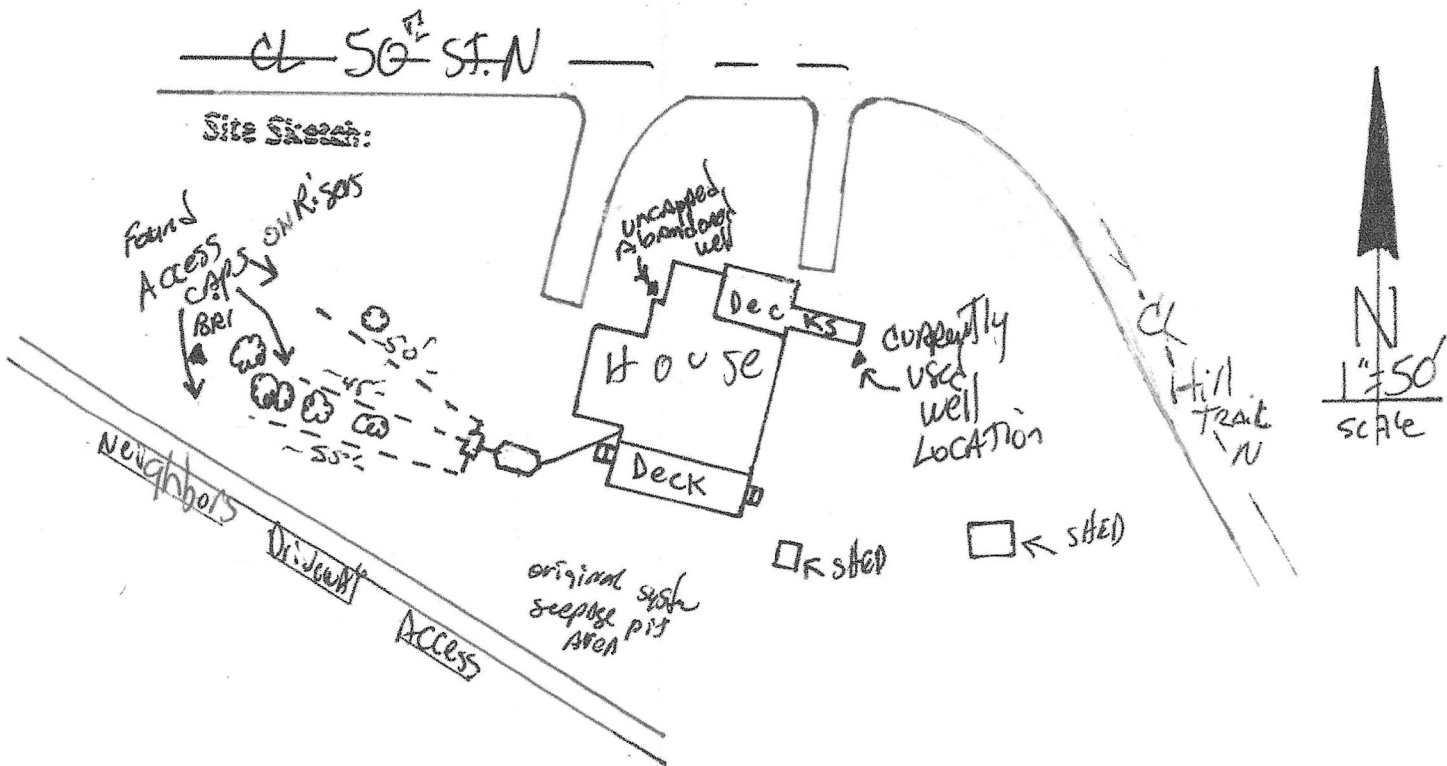
*May be reduced up to 15 percent if allowed by Local Ordinance.

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

Describe verification methods and results:

10' x 30' Mound installed in 2020. House built in 1901 and this is the 3rd system on the property. City approved to build the mound above the existing trenches and they have an easement from the City of Lake Elmo.

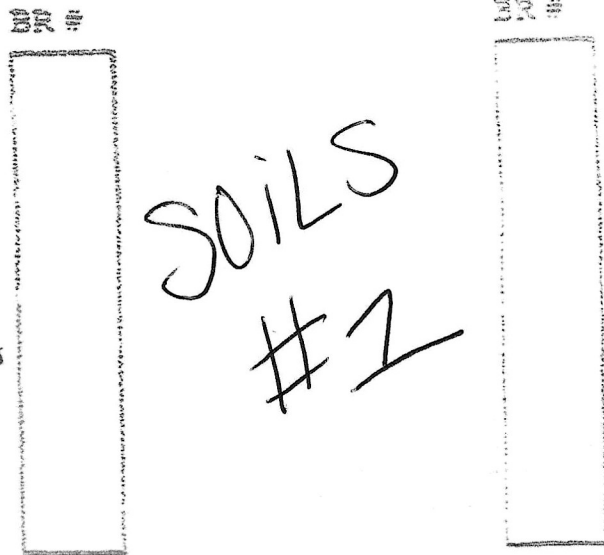
Upgrade requirements: (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, 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.



Please indicate the location of: Well and status of system, including a list of all components, status of all components, evidence of leaks, structure, color, depth of each different soil type, evidence of debris, etc. (see instructions on page 2). Indicate the depth and approximate diameter of each well and building. Please state the soil type, location, and condition of each well and building. If available, include a photograph of each well and building.

Soil Borings (BR #): Locate each boring on the map above, indicate on the right of the column the soil type, structure, color, depth of each different soil type, evidence of debris, etc. (see instructions on page 2). Also indicate if the material is fill.

BR #	Soil Description
BR #1	6" 7.5YR 2/2 Sandy Loam
18"	7.5YR 3/3 Silt Loam
32"	7.5YR 4/4 Silt Loam
48"	7.5YR 5/4 Silt Loam w 5/2 mottles



RECORD DEPTH OF MOTTLE, E.G. SEASONAL HIGH WATER OR SPRING ABOVE LEVEL

Probed Depth to Trench/Media Bottom 40

M=32" 32"-40" = ϕ ϕ Separation



Minnesota Pollution Control Agency

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

Compliance Inspection Form
Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms - additional local requirements may also apply.

For local tracking purposes:

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

System Status

System status on date (mm/dd/yyyy): January 13, 2020

[] Compliant - Certificate of Compliance
(Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)

[X] Noncompliant - Notice of Noncompliance
(See Upgrade Requirements on page 3.)

Reason(s) for noncompliance (check all applicable)

- [] Impact on Public Health (Compliance Component #1) - Imminent threat to public health and safety
[] Other Compliance Conditions (Compliance Component #3) - Imminent threat to public health and safety
[X] Tank Integrity (Compliance Component #2) - Failing to protect groundwater
[] Other Compliance Conditions (Compliance Component #3) - Failing to protect groundwater
[X] Soil Separation (Compliance Component #4) - Failing to protect groundwater
[] Operating permit/monitoring plan requirements (Compliance Component #5) - Noncompliant

Property Information

Parcel ID# or Sec/Twp/Range: PID # 0902921220012

Property address: 8051 50th Street North Lake Elmo, MN. 55042

Reason for inspection: Property Transfer

Property owner: Jerry Lemire

Owner's phone: (651) 605-1865

or

Owner's representative: Edina Realty Apple Valley/Katrina Anderson

Representative phone: (952) 215-1554

Local regulatory authority: Washington County

Regulatory authority phone: (651)

Brief system description: A 1000 gal Septic Tank, a distribution box, and three trenches (45ft, 50ft, & 55ft)

Comments or recommendations:

See sketch for Configuration

Consulted AS-BUILT/Construction Data from LGU Files-Please note: Easement papers attached.

Certification

SOILS # 2

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.

Inspector name: Thomas Klanchnik

Certification number: R 5945

Business name: Advanced OnSite, Inc.

License number: L 2656

Inspector signature:

[Handwritten signature]

Phone number: (612) 232-9737

Necessary or Locally Required Attachments

- [X] Soil boring logs
[X] System/As-built drawing
[] Forms per local ordinance
[] Other information (list):



Soil Observation Log

Project ID: V 04.02.2019

Client: **Jerry LeMire** Location / Address: **8051 50th St N, Lake Elmo, MN**

Soil parent material(s): (Check all that apply) Outwash Lacustrine Loess Till Alluvium Bedrock Organic Matter

Landscape Position: (check one) Summit Shoulder Back/Side Slope Foot Slope Toe Slope Slope shape **LL**

Vegetation: **LAWN** Soil survey map units: **49B** Slope %: **7%** Elevation: **99.7**

Weather Conditions/Time of Day: **OVERCAST 9:00 AM / 12:20 PM** Date: **3/11/20**

Soils #2

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Observation Type: Auger		
							Shape	Grade	Consistence
0-9	SIL	5%	10YR 3/3				B	M	FM
9-14	SIL	5%	10YR 4/4				B	M	FM
14-18	SIL	5%	10YR 5/4	10YR 7/2	D	SI	B	M	FM
18-24	SIL	5%	10YR 6/3	10YR 7/2	D	SI	B	M	FM
				7.5YR 5/8	C	SL			

14" / 98.5"

Comments: Limiting Layer = **14" - 98.5" - MOUND**

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

Jesse Kloepfner (Designer/Inspector) *Jesse Kloepfner* (Signature) **L4043** (License #) **3/11/20** (Date)



Additional Soil Observation Logs

Project ID:

Client: Jerry Lemire		Location / Address: 8051 50th St N, Lake Elmo, MN							
Soil parent material(s): (Check all that apply)									
<input type="checkbox"/> Summit <input checked="" type="checkbox"/> Shoulder <input type="checkbox"/> Outwash <input type="checkbox"/> Lacustrine <input checked="" type="checkbox"/> Loess <input type="checkbox"/> Till <input type="checkbox"/> Alluvium <input type="checkbox"/> Bedrock <input type="checkbox"/> Organic Matter									
Landscape Position: (check one)									
<input type="checkbox"/> Summit <input checked="" type="checkbox"/> Shoulder <input type="checkbox"/> Back/Side Slope <input type="checkbox"/> Foot Slope <input type="checkbox"/> Toe Slope <input type="checkbox"/> Slope shape									
Vegetation: LAWN	Soil survey map units: 49B	Slope %: 77	Elevation: 98.2						
Weather Conditions/Time of Day: OVERCAST		Date: 3/11/20							
Observation #/Location: SB2 / See Map - SB2		Observation Type: Auger							
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Shape	Grade	Consistence
0-3	SIL	5%	10YR 3/3				B	M	FM
3-15	SIL	5%	10YR 4/3				B	M	FM
15-18	SIL	5%	10YR 4/4				B	M	FM
18-22	SIL	5%	10YR 5/3	10YR 6/3	D	SR	B	M	FM
				7.5YR 5/8	C	SL	B	M	FM
Comments Limiting Layer = 18" - 96.7' - MOUND									

18"

96.7'

Additional Soil Observation Logs



Project ID:

Client: Jerry LeMire Location / Address: 8051 50th St N, Lake Elmo, MN

Soil parent material(s): (Check all that apply) Outwash Lacustrine Loess Till Alluvium Bedrock Organic Matter

Landscape Position: (check one) Summit Shoulder Back/Side Slope Foot Slope Toe Slope Slope shape: LL

Vegetation: LAWN Soil survey map units: 49B Slope %: 8% Elevation (ft): 99.2

Weather Conditions/Time of Day: Sunny / 2:30 pm Date: 3/11/20

Observation #/Location: SP1 / See Map - Primary Observation Type: Soil Pit

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure		
							Shape	Grade	Consistence
0-8	SIL	5	10YR 3/3 10YR 4/3				B	M	FM
8-16	SIL	5%	10YR 4/3 10YR 4/4				B	M	FM
16-24	MSL	5%	10YR 4/6 7.5YR 5/8	5YR 5/8 10YR 7/2	E D	S2 S1	GR	W	FR

Comments Limiting Layer = 16" - 97.8" - MOUND

16"
97.8"

Soil Observation Log

Project ID: v 04.02.2019

Client: Jerry LeMire

Location / Address: 8051 50th St N, Lake Elmo, MN

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

Outwash Lacustrine Loess Till Bedrock Organic Matter

Landscape Position: (check one)

Summit Shoulder Back/Side Slope Foot Slope Toe Slope Slope shape

Vegetation: Lawnd Soil survey map units: 49B Slope %: 8% Elevation (ft): 97.1

Weather Conditions/Time of Day: Overcast 1:30 pm Date: 3/11/20

Observation #/Location: SB3 / See Map - ~~at driveway~~ Observation Type: Auger

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure		
							Shape	Grade	Consistence
0-4	SIL	5%	10YR 4/3				B	M	FM
4-10	SIL	5%	10YR 4/3 10YR 4/6				B	M	FM
10-16	SIL	5%	10YR 5/3 7.5YR 5/3				B	M	FM
16-20	SIL	0%	7.5YR 4/3 7.5YR 7/3	5YR 5/8 10YR 7/2	C D	S ₂ S ₁	B	M	FM
20-30	SIL	0%	5YR 5/8 10YR 7/2	5YR 6/8 10YR 7/1	C D	S ₂ S ₁	B	M	FM

Comments: Limiting Layer = 16" - 95.7' - MOUND

16"

95.7'



**AS-BUILT REPORT
INDIVIDUAL SEWAGE TREATMENT SYSTEM**

Washington County Public Health & Environment
14949 - 62ND ST N, PO BOX 6, STILLWATER, MN 55082-0006
651/430-6688 OR 651/430-8655 FAX 651/430-8730

Legal Description or Complete Street Address 8051 50th st N Lake Elmo MN		City of Township Lake Elmo		
Owner Name Jerry Lemire	55042	Mail Address 8051 50th st N	City Lake Elmo	State Mn
Zip 55042				
Installer Capra's Utilities inc		Mail Address 2340 Leibel st	City White bear lake	State MN
Zip 55110				
Septic Tank Information Tank Manufacturer Minnesota pre cast Industries		Liquid Capacity 2000gal		
PUMP CHAMBER (if installed)				
Tank Manufacturer Minnesota pre cast industries	Liquid Capacity 1000 gal	Horsepower of Pump Gould PE 41	Type of Warning Device indoor alarm	
Pump Discharge in Gallons Per Minute 13	at Feet of 20.4	Number of Gallons Per Cycle 50 gal		
DRAINFIELD TRENCH		BED OR MOUND		
Width:	Length of Each Trench	Rock Bed Length 30	Width: 10	Area:
Depth of Trench Bottom from Finished Grade:		Bed Depth from Grade:		
Method of Distribution: <input checked="" type="checkbox"/> Pressure <input type="checkbox"/> Distribution Box <input type="checkbox"/> Drop Box		MOUND: Upslope Sand Base Depth: Downslope Sand Base Depth: 1.8 ft		
Depth of Rock Under Distribution Pipe:		Depth of Rock Under Pipe: 6 in		
Square Footage of Tested Area Used:		PRESSURE DISTRIBUTION SYSTEM		
Trench Bottom Square Footage Required:	Area As Built:	Lateral Inside Diameter 1.5 in	Length: 28	Perforation Size: 3/16
		Spacing 3 feet	Number: 3	Perforation Spacing: 3
Benchmark elevation: BM=100	Bottom of soil treatment area elevation: 101.1	First inlet elevation: 95.51	Last outlet elevation: 95.31	

Complete site plan on an attached sheet. On the site plan, include location of the following items:
Structures, septic tank, pump chamber, line from house to tank treatment system, distribution lines, distribution or drop boxes, well, and driveway.
Show all distances applicable to the sewage treatment system: distance from structure to tank, tank to treatment system, distance between distribution lines, length of distribution lines, and distance between well and sewage treatment system. Indicate NORTH on the site plan and the size of the plan.

I hereby certify that the system at the above referenced address was installed according to the Washington County Individual Sewage Treatment System Ordinance requirements.

Signed MPCA License # 1510 Dated 8/25/2020

WASHINGTON COUNTY SEPTIC PERMIT NUMBER _____

SS Septic Solutions, LLC additional terms and information.

1. SS Septic Solutions has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period beyond the inspection date. Due to the numerous factors (usage, maintenance, tank pumping, soil characteristics, previous failures, etc.) which may affect the proper operation of a septic system. The report shall not be construed as a warranty that the system will properly function for any particular period of time.
2. Minimum compliance inspection requirements relative to this inspection and this report include only verification that the septic system has a watertight septic tank(s) and lift tank, the required separation from the bottom of the drain field/mound distribution medium and saturated soils, no backup of sewage into the dwelling and no discharge of sewage onto the ground surface or surface water. SS Septic Solutions, LLC does not inspect basement sewage ejector pumps or exterior lift pumps as they are a maintenance item. Sewage backup verification is limited to the information supplied by the last occupants/owner if available. I can not guarantee that the information given to me is accurate. Some people may attempt to hide or conceal signs of previous backups.
3. Certification of this system does not warranty any future use beyond the date of inspection. Any system new or old can be hydraulically overloaded because of more people moving into the house than were previously occupying it, improper maintenance, heavy usage, tree roots, freezing conditions or surface drainage problems. The system could simply stop working due to age.
4. A compliance inspection is not meant to be a test of the longevity of the septic system. The inspection is strictly for the purpose of determining if the septic is polluting the environment at the date and time the inspection is performed. The inspection is not intended to determine if the system was originally designed or installed to past or present MPCA or local unit of government code requirements.
5. Winter Work – Client understand that inspections conducted in winter weather conditions are more difficult to perform due to snow cover and frost. Septic system components like tanks, tank covers, drop boxes and soil treatment areas are more difficult to locate in these conditions. Soil borings and drain field locations are also more difficult to perform due to ground frost. The client needs to understand that due to the weather conditions, the same level of standards may not be possible compared to an inspection during the spring/summer/fall months.
6. If hired to perform the compliance inspection, the client hereby agrees that SS Septic Solutions, LLC will not be responsible for any monetary damages, claims or causes of action including attorney fees arising from the performance of this inspection.