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: 3202821440001 Reason for Inspection: Sale of property

Local regulatory authority info: Washington County

Property address: 5780 TOWER DR, CITY OF WOODBURY

Owner/representative: Livli Group (Omid) Owner's phone: 612-245-7020

Brief system description: Replacement system installed in 2000

System status

System status on date (mm/dd/yyyy): 05/18/2023

☒ **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: SS Septic Solutions, LLC.

Inspector signature: *(This document has been electronically signed)* Certification number: 9917

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):

Property Address: 5780 TOWER DR, CITY OF WOODBURY
Business Name: SS Septic Solutions, LLC. Date: 05/18/2023

1. Impact on public health – Compliance component #1 of 5

Compliance criteria:

System discharges sewage to the ground surface	☐ Yes* ☒ No
System discharges sewage to drain tile or surface waters.	☐ Yes* ☒ No
System causes sewage backup into dwelling or establishment.	☐ Yes* ☒ 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?	☐ Yes* ☒ No
Sewage tank(s) leak below their designed operating depth?	☐ Yes* ☒ 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:

Tanks were water tight at timeof inspection.

Attached supporting documentation:

☒ Empty tank(s) viewed by inspector

Name of maintenance business: Meyer's

License number of maintenance business:

Date of maintenance: 5/18/2023

☐ 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:

Property Address: 5780 TOWER DR, CITY OF WOODBURY
Business Name: SS Septic Solutions, LLC. Date: 05/18/2023

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) ☐

Property Address: 5780 TOWER DR, CITY OF WOODBURY
Business Name: SS Septic Solutions, LLC. Date: 05/18/2023

5. Soil separation – Compliance component #5 of 5

Date of installation 9/21/2000 *(mm/dd/yyyy)* ☐ Unknown

Shoreland/Wellhead protection/Food beverage lodging? ☒ Yes ☐ No

Attached supporting documentation:

☐ Soil observation logs completed for the report
☒ Two previous verifications of required vertical separation
☐ Not applicable (No soil treatment area)
☐ _____

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:* Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*	
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:* Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*	☒ Yes ☐ No*	**Indicate depths or elevations**
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)* Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*	

A. Bottom of distribution media	30"
B. Periodically saturated soil/bedrock	66"
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.*

LOG OF SOIL BORINGS

job: 5780 Tower Drive, Woodbury
date: 8-2-00

Depth Feet	B1	B2	B3	B4
1	Dark brown sandy loam 10yr 3/3 10	Dark Brown Sandy Loam 10yr 3/3 8	Dark Brown Loamy 10yr 3/3 4	Dark Brown top soil 6
2	Medium Red-Brown Loamy sand and gravel	Red-Brown fine loamy sand	Red yellow brown silty loam 24	F... yellow brown silty loam
3	5yr 5/3 36	5yr 5/3 36	Red yellow brown silty sandy loam	30 Red-yellow brown silty sandy loam
4	Red-brown medium to fine sand	Red-Brown fine loamy sand and gravel		40 yellowbrown silty loam
5	5yr 5/3 56 Medium to Red-	5yr 5/3	50 yellow brown silty loam	and gravel
6	Brown medium to fine sand and gravel 5yr 5/3 66	72	68	66
7	Restriction at 66"		Restriction at 68"	[illegible]
8				

STANDARD SYSTEM DESIGN
INDIVIDUAL SEWAGE TREATMENT SYSTEM

WASHINGTON COUNTY HEALTH, ENVIRONMENT & LAND MANAGEMENT
14900 N. 61ST STREET, P.O. BOX 3803, STILLWATER, MN 55082-3803
612/430-6708 OR 612/430-6656 FAX 612/430-6730

Owner's Name	Bob Newton
Job Site Address	5780 Tower Dr.
City or Township	Woodbury
Use of Building	Single family 4bedroom home

Design Flow Rate 600	Perc Rate 2.5	Land Slope 11	Percent
Two Required Tank Sizes 1000 Gallons	1000 Gallons	Lift Station Tank Size -	Gallons
Type of System (standard, at grade or bed)	Standard		
System Size: 1000 Square Feet	333 Lineal Feet	36" Trench Width	
Depth of rock below pipe	12"	Depth of Rock Above Pipe	2"
MINimum Depth of Trench From Existing Grade	24 Inches	MAXimum Depth of Trench From Existing Grade	30 Inches
Recommended Number of Trenches	5	Recommended Length of Trenches	4@70 1@60
Trench Spacing Measured Center to Center	6		Feet

Any Other Special Conditions H-10 standard infiltration system also requires at least 333 lineal feet

IF PRESSURE DISTRIBUTION IS USED, COMPLETE THE PRESSURE DISTRIBUTION WORK SHEET ATTACHED.

This design must be accompanied by a site plan that clearly shows the location of the area tested and approved by the following:

1. Use an appropriate scale and indicate direction by use of a north arrow.
2. Show ALL property boundaries, rights-of-way, easements, wetlands. If necessary, an enlarged detail of the house site may also be required.
3. Show location of house, garage, driveway and all other improvements existing or proposed.
4. Show location and layout of sewage treatment system.
5. Show location of water supply (well and/or community supply line).
6. Dimension all setbacks and separation distances.

This system has been designed by a Pollution Control Agency (PCA) Certified Professional.

Designer Name Barry Brown	PCA Certification # 1772
Address 3041 Woodlane Dr. Woodbury 55125	Phone # 651-735-7321
Signature Barry J Brown	Date 8-5-10

SOILS #1

WASHINGTON COUNTY, MINNESOTA
Department of Public Health
and Environment 651/430-6708

PERMIT NUMBER

WOODBURY CITY
2500020007 SEWAGE PERMIT

Owner : ROB NEWTON
8780 TOWER DRIVE
WOODBURY MN 55129
Applicant : ROB ZELLNER 459-7235

DRAINFIELD REPLACEMENT PERMIT	70.00
SEPTIC APPLICATION/SOIL REVIEW	150.00
Total Fees :	220.00
Total Paid :	220.00
Total Due :	.00

2500-20007

PERMISSION IS HEREBY GRANTED
To execute the work specified in this permit on the following described property upon express condition that said persons and their agents, employees and workmen shall conform in all respects to the provisions of the Building Code, and/or Ordinances.
This permit may be revoked at any time upon the violation of any of the provisions of said code and ordinances.

Project Address : 8780 TOWER DRIVE WOODBURY MN 55129
Legal Description:PT SE1/4-SE1/4 322821 BEING E 240FT OF SD 1/4 Geo : 32-028-21-44-0001
Flow Capacity 600 Gal/Day Tank Volume 2000
Soil Conditions: Depth to Restriction 66 Inches Perc Rate 16 Min/Inch

Soil Treatment Type:
Bottom Area 1000 Rock Depth 12

Authorized Work / Special Conditions
- Install individual sewage treatment system as per approved design in area tested and shown on site plan.
- THIS SYSTEM MUST BE INSTALLED BY A CERTIFIED/LICENSED SEWAGE TREATMENT SYSTEM INSTALLER HOLDING A CURRENT LICENSE WITH THE MINNESOTA POLLUTION CONTROL AGENCY. (A list of installers is available at your request.)
- Maximum trench depth 30 inches into natural soil.

** Permit Expiration Date : Sewage Treatment : 2001-09-15

A CERTIFICATE OF OCCUPANCY MUST BE REQUESTED AND ISSUED PRIOR TO USE OR OCCUPANCY OF WORK PERMITTED BY A BUILDING PERMIT.
** This permit shall expire and be null and void if the work authorized by the Building Permit is not commenced within 60 days of the date of issuance or if work is abandoned or suspended for a period of 120 days. Term of the Building Permit is 12 months from date of issue. Term of sewage treatment permit is 12 months from date of issue.
Penalty for violation of any of the provisions of building code: Fine not to exceed five hundred dollars ($500.00) or imprisonment for not more than ninety (90) days, or both.

Permit Issue Date 2000-09-15 Code Enforcement Officer

FILE

SOIL REVIEW/SEPTIC PERMIT APPLICATION

Washington County Health, Environment & Land Management
14900 61st Street N., P.O. Box 3803
Stillwater, MN 55082-3803
612/430-6708 or 612/430-6656 FAX 612/430-6730

FEE 220.00 PD

Make checks payable to WASHINGTON COUNTY TREASURER

$100 - Application Fee (site review)
$100 - Drainfield System Permit Fee
$150 - Mound System Permit Fee
$25 - Additional Review Fee (1 hour minimum)
$100 base fee, plus $50 per lot - Subdivision Fee

FOR COUNTY USE ONLY
2500-20007

32.028.21.44.0001

Legal Description and Parcel Identification Number
5780 TOWER DRIVE / WOODBURY, MN 55129

Applicant ZELLMER SERVICES Address P.O. Box 113 City NEW PORT State MN Zip 55055 Phone 651-459-7335

Owner (if different from applicant) BOB NEWTON Address 5780 TOWER DRIVE City WOODBURY State MN Zip 55129 Phone 651-769-1869

Use of Building: HOME Number of Bedrooms: 4 Gallons Per Day: 600

Check the following fixture(s) which are or will be installed: Garbage Disposal ____ Recreational Bathing Facility: (jacuzzi, hot tub, etc.) ____

New System ____ Approval Only ____ Previously Approved ____ Denied ____ Existing System Repair X Existing System Alteration ____ Fill Site ____
If this site has been previously approved, please attach a copy of the approval letter

The following exhibits are required as part of this application and shall be attached hereto: Percolation Test Reports; Soil Boring Logs; Site Plan drawn to scale showing location of buildings, lot lines, percolation test holes, soil boring holes, proposed location of system and well; two (2) copies of the System Design; and one (1) copy of the Final Building Plan. The house and the drainfield areas must be staked. Inaccurate or incomplete information will result in delays in processing.

AGREEMENT: The undersigned hereby makes Application for Permit to Install or Extend Sewage Treatment System herein specified, agreeing that all such work shall be done in strict accordance with ordinances and regulations of the County of Washington, Minnesota. Applicant agrees that the Site Plan, Sketches and Design submitted herewith, and which are reviewed by the Washington County Building Official or his agent, together with any requirement and/or restriction made necessary by conditions peculiar to a particular location, shall become a part of the permit. Applicant further agrees to provide access, at reasonable times, to the Building Official or his agent for the purpose of performing inspections required and that no part of the system shall be covered until it has been inspected and accepted. APPLICATION IS FOR AN INSTALLATION AT A SPECIFIC LOCATION; ANY DEVIATION FROM THE APPROVED LOCATION WILL VOID THE PERMIT. It shall be the responsibility of the applicant for the permit to notify the Office of the Building Official that the installation is ready for inspection.

In connection with your request for a soil review/septic permit, you are hereby giving us permission to enter upon your property during normal business hours for the purpose of determining the suitability of the location, which may include minor excavation or soil borings.

Robert W. Zellmer Jr. — Signature of Applicant (Owner or Builder)

SEPT. 7, 2000 — Date

FOR OFFICE USE ONLY

REVIEWS: PLANNER ____ INSPECTOR [signature] DATE 9-11-00

SITE EVALUATION:

Soil Boring Evaluation: Depth of Water Table, Seasonal Water Table (Mottled Soil), Impervious Layer or Bedrock:

Soils Map Data: ____ Percolation Test Evaluation: ____

Setbacks:	Required (circle appropriate item(s))					Actual
Well (including adjacent property) 30" depth ICMP1	50'	75'	100'	150'		
Wetland, Pond, Lake, Stream, River, or Bluffline	20'	40'	75'	100'	150'	

CONCLUSIONS: Site Suitable: ____ Site Unsuitable: ____ Additional Tests Required: ____ Verify Use: ____

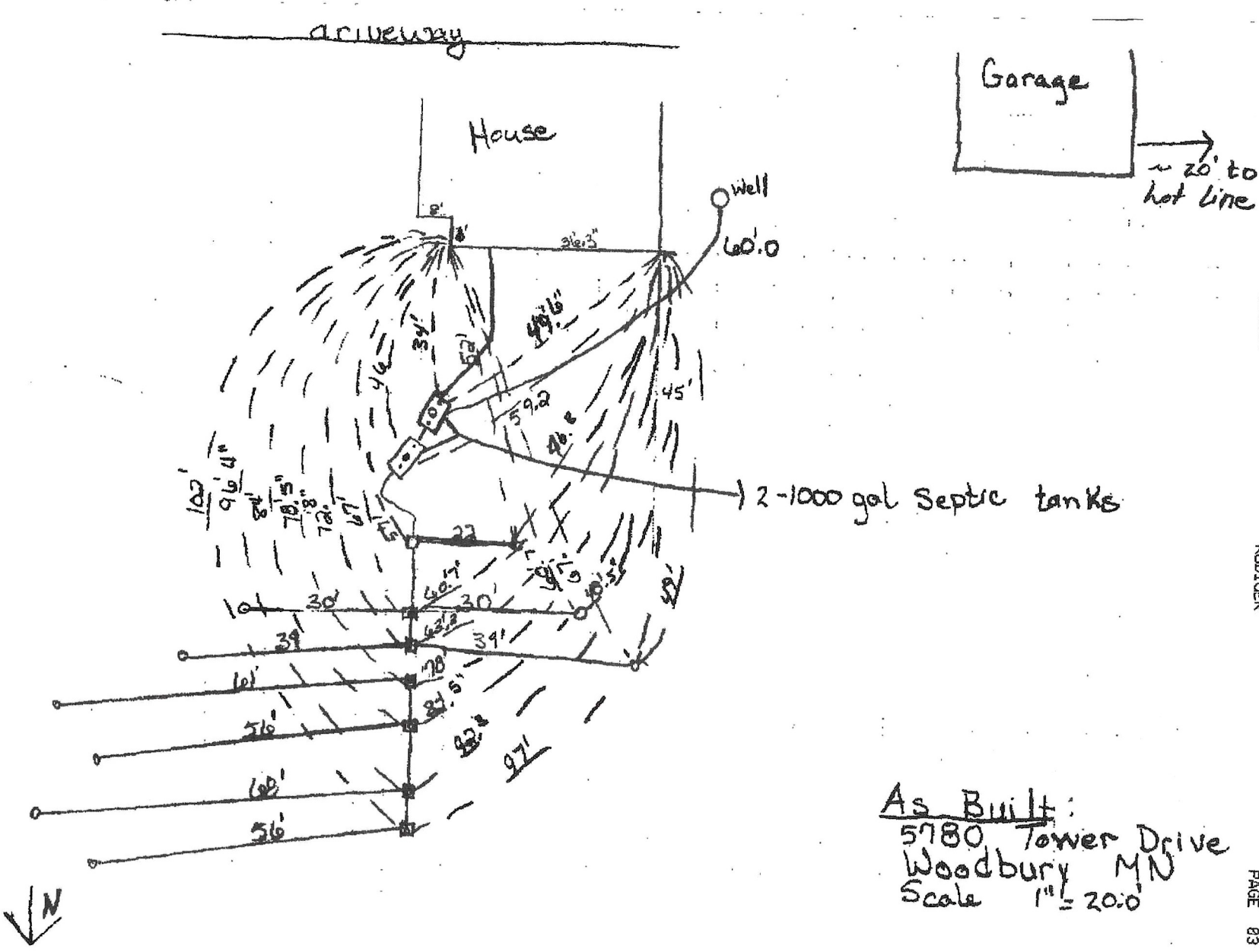
NOTES: Lot Size ____ Year Built ____

EXISTING HOUSE wooded side slope
GRAVITY fine sand OK

2ND SIGNATURE

An Equal Employment Opportunity/Affirmative Action Employer
If You Need Assistance Due to Disability or Language Barrier, Please Call 430-6656 OR 430-6708 (TDD 439-3220)

SEPTFORM DC 5/94



As Built:
5780 Tower Drive
Woodbury MN
Scale 1" = 20.0

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.

Water Laboratories Inc.

333 Main Street NW
P.O. Box 388
Elk River, MN 55330
Phone: 763-441-7509
Fax: 763-441-9176

DRINKING WATER LABORATORY TEST REPORT

Last Name: LIVLI GROUP
First Name:
Address: 5780 TOWER DRIVE
City: WOODBURY
State: MN Zip Code: 55129
County:
Legal:

File #: 79177
Date/Time in Lab: 5/19/2023 10:04 AM
Unique Well #:
Drillers #:

Ordered By: SS SEPTIC SOLUTIONS
Sampled By: SS SEPTIC SOLUTIONS
Reason For Test: Coliform + Nitrate
Received on Ice: No

Sampled From: Bath Tap
Date/Time Sampled: 05/18/2023 1215
Sample Temp: 18.6 ° C

ANALYTE & METHOD	DATE & TIME OF ANALYSIS	MAXIMUM CONTAMINATION LEVEL (EPA)	TEST RESULTS
Coliform Bacteria (SM 9223 B)	05/19/2023 1425	Negative	Negative
Nitrate (EPA 353.2 Rev 2.0)	05/19/2023 1314	10.0 ppm	7.85 ppm

This sample **DOES** meet EPA guidelines for safe drinking water for the Analytes tested.

Notes:

The test results are only indicative of the sample tested from the sample point on the date collected.

Minnesota Certification# 027-141-110, Wisconsin Certification #399044470 (for compliance with NR812)

Water Laboratories, Inc.

By: _____

Date: 05/22/2023

Received By TJ Entered By TJ Edited By TJ

Amount Billed:
Date Paid: 05/19/2023
Amount Paid: