

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: 3202820110001 Reason for Inspection House remodel

Local regulatory authority info: Washington County

Property address: 13975 50TH ST S, CITY OF AFTON

Owner/representative: ANDERSON KEVIN G Owner's phone: 651-746-9658

Brief system description: Two 1000 gallon tanks going to drain field with five lines

System status

System status on date (mm/dd/yyyy): 1/27/2024

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: *Julia Schomker*
(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: 13975 50TH ST S, CITY OF AFTON

Business Name: SS Septic Solutions, LLC

Date: 1/27/2024

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 (mm/dd/yyyy): 9/7/2023
(must be within three years)
 - (See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))
- Tank is Noncompliant (pumping not necessary – explain below)
- Other: _____

3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

Yes* No Unknown

3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety? Yes* No Unknown

*Yes to 3a or 3b - System is an imminent threat to public health and safety.

3c. System is non-protective of ground water for other conditions as determined by inspector? Yes* No

3d. System not abandoned in accordance with Minn. R. 7080.2500? Yes* No

*Yes to 3c or 3d - System is failing to protect groundwater.

Describe verification methods and results:

Attached supporting documentation: Not applicable

4. Operating permit and nitrogen BMP* – Compliance component #4 of 5 Not applicable

Is the system operated under an Operating Permit? Yes No If "yes", A below is required

Is the system required to employ a Nitrogen BMP specified in the system design? Yes No If "yes", B below is required

BMP = Best Management Practice(s) specified in the system design

If the answer to both questions is "no", this section does not need to be completed.

Compliance criteria:

a. Have the operating permit requirements been met? Yes No

b. Is the required nitrogen BMP in place and properly functioning? Yes No

Any "no" answer indicates noncompliance.

Describe verification methods and results:

Attached supporting documentation: Operating permit (Attach)

Property Address: 13975 50TH ST S, CITY OF AFTON

Business Name: SS Septic Solutions, LLC

Date: 1/27/2024

5. Soil separation – Compliance component #5 of 5

Date of installation 11/23/2009 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.

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

Describe verification methods and results:

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	18"
B. Periodically saturated soil/bedrock	54"
C. System separation	36"
D. Required compliance separation*	36"

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

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.

Sewage tank integrity assessment form

Subsurface Sewage Treatment Systems (SSTS) Program

Doc Type: Compliance and Enforcement

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

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

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

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

Owner information

Owner/
Representative: Kevin Anderson

Property
address: 13975 50th St S Afton MN

Local Regulatory
Authority:

Parcel
ID:

System status

System status on date (mm/dd/yyyy): 09/07/2023

Certificate of sewage tank compliance

Notice of sewage tank non-compliance

Compliance criteria:

The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit - "Failure to Protect Groundwater."

Yes* No X

The SSTS has a sewage tank that leaks below the designed operating depth - "Failure to Protect Groundwater."

Yes* No X

The SSTS presents a threat to public safety by reason of structurally unsound (damaged, cracked, or weak) maintenance hole cover(s) or lids or any other unsafe condition - "Imminent Threat to Public Health or Safety."

Yes* No X

Any "yes" answer above indicates sewage tank non-compliance.

Company information

Company
name: Schlomka Services LLC

Business license
number: 2989

Designated Certified Individual (DCI) information

Print name: Larry Schlomka

Certification
number: 4253

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

By typing/signing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.

Designated Certified Individual's
signature:



Date (mm/dd/
yyyy): 01/25/2023

(This document has been electronically signed.)

LOG OF SOIL BORINGS

Job: 13975 50th St. So. Apton

Date: 01-21-09

Depth in Feet	81	82	83	84
1	Black loam topsoil 11 Red brown silt loam 5 yr 4/3 20	Black topsoil loam 7 Red brown clay loam 5 yr 4/3 19	Black loam topsoil 9 Dark brown loam 10 yr 4/3 17	
2	Red brown sandy loam 5 yr 4/3	Medium brown medium silt 10 yr 4/3	Yellow to pale brown sandy loam 10 yr 6/3	
3	Dark red brown 40 Sandy loam 2.5 yr 3/4 53	Medium brown sandy clay loam 10 yr 4/3 54	Pale brown clay 56 10 yr 6/3	
4	Pale brown sandy clay loam 10 yr 6/3 Redox		Yellow brown limestone sand - siliceous 10 yr 5/6 78	
5				
6				
7				

1st Soils - Barry Brown



**STANDARD SYSTEM DESIGN
INDIVIDUAL SEWAGE TREATMENT SYSTEM**

PUBLIC HEALTH & ENVIRONMENT
14949 62nd Street North, PO Box 6, Stillwater MN 55082-0006
651/430-6688 OR 651-430-6655 FAX 651/430-6730

Owner's Name <u>Judy Smith</u>		Geo Code	
Job Site Address <u>13975 - 50th St. So.</u>			
City or Township <u>Afton</u>			
Use of Building <u>Single family home</u>			
Number of Bedrooms <u>3</u>			
Design Flow Rate <u>450</u>	Perc Rate <u>36</u>	Landslope <u>5-6</u>	Percent
Two Required Tanks Sizes <u>1000</u>	Gallons <u>1000</u>	Gallons	Lift Station Tank Size _____ Gallons
Type of System (standard; at grade, or rockless pipe add 20%) <u>Standard chamber design</u>			
System Size <u>900</u>	-Square Feet <u>300</u>	-Linear Feet <u>36"</u>	-Trench Width
Depth of rock below pipe <u>12</u>		Depth of rock above pipe <u>2</u>	
MINimum Depth of Trench From Existing Grade <u>12</u>	Inches	MAXimum Depth of Trench From Existing Grade <u>18</u>	Inches
Recommended Number of Trenches <u>5</u>		Recommended Length of Trenches <u>60</u>	
Trench Spacing Measured Center to Center <u>6 to 7</u>			Feet
Any Other Special Conditions <u>Standard chambers may be used, 300 linear feet</u>			

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

- This Design must be accompanied by a site plan that clearly shows the location of the area tested and approve 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 <u>Barry Brown</u>	PCA Certification # <u>1772</u>
Address <u>3041 Woodbine Dr. Woodbury, MN 55125</u>	Phone # <u>651-735-7321</u>
Signature <u>Barry J. Brown</u>	Date <u>08-24-09</u>

CHRIS LECLAIR

SITE REVIEW 18 SEP 2009 13:30

BORING BY BZ @ 44° 52' 34.311" N 92° 49' 24.800" W

0" - 16" SILT LOAM 10YR 3/2

16" - 29" SILT LOAM 10YR 4/4

29" - 36" SANDY LOAM 10YR 4/4

36" - 54" SANDY CLAY LOAM 10YR 4/4

54" OBSTRUCTION

AND SOILS - COUNTY

Review Fee:	\$273.00
Permit Fee:	\$283.00
Total Fee:	\$556.00
Previous Payment	\$556.00
Balance Due	\$0.00

Community: Afton
 Permit Number: 0100-09-12
 Owner: Jody Smith
 13975 50th St S
 Afton MN 55001-
 Applicant: Digger Excavating

Scanned 9-21-09

PERMISSION IS HEREBY GRANTED

To execute the work specified in this permit on the following identified property upon express condition that said persons and their agents, and employees shall conform in all respects to the provisions of Ordinance #128, Washington County Development Code, Chapter Four, Individual Sewage Treatment System Regulations. This permit may be revoked at any time upon violation of any of the provisions of said ordinance.

Project Address: 13975 50th St S
 Geo Code: 32-028-20-11-0001
 Designer: Barry Jonathan Brown

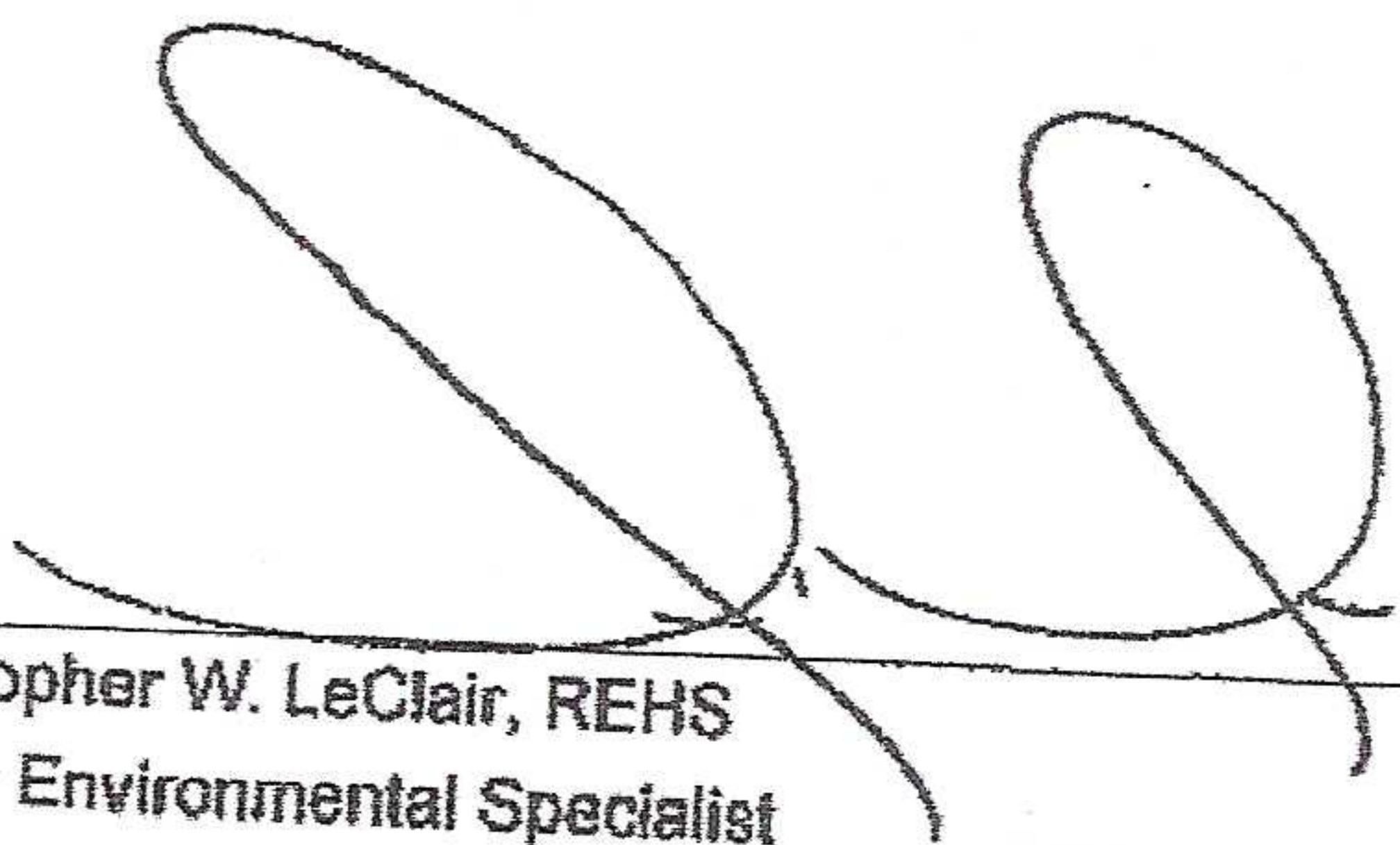
61020912

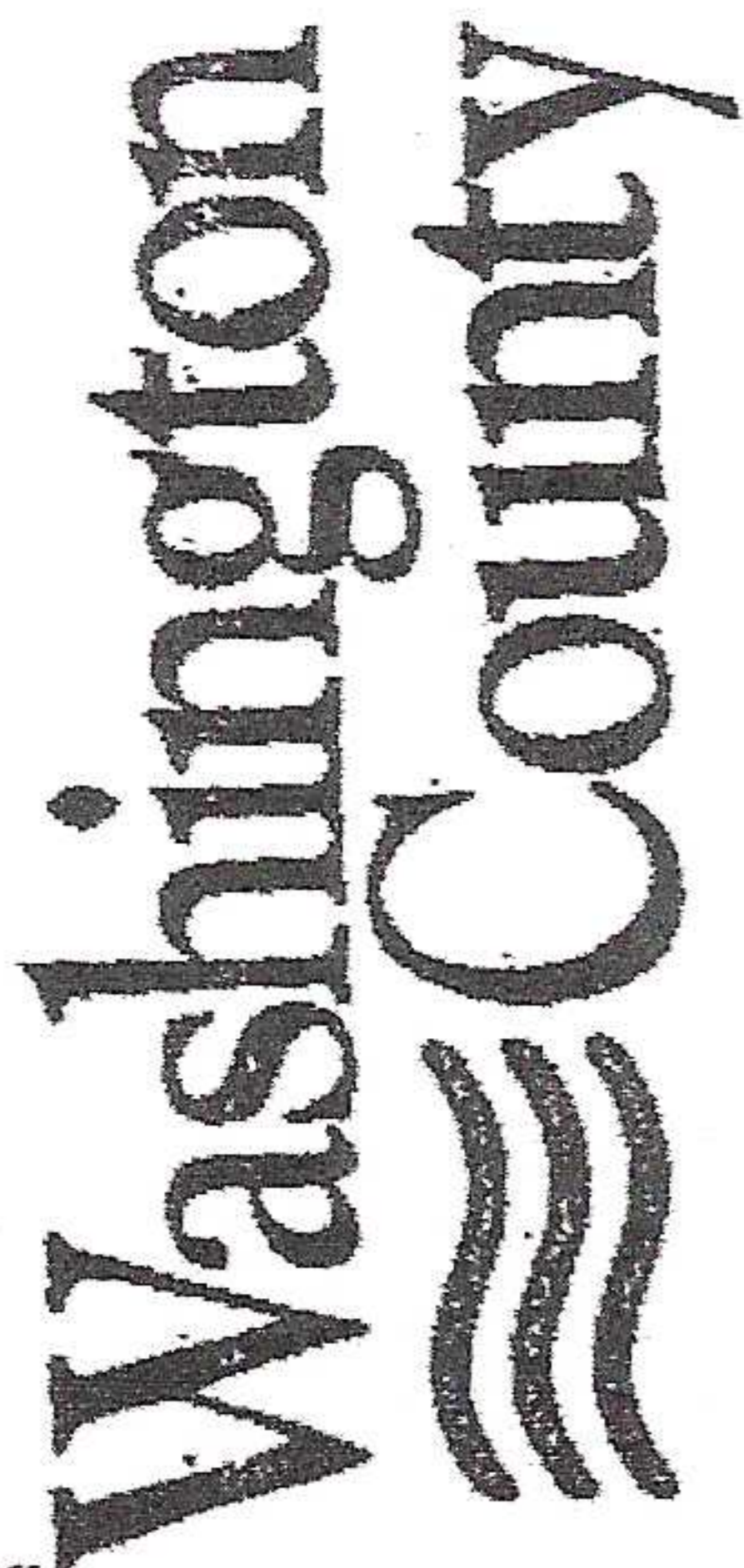
Design Criteria		Drainfield Sizing		Pressure Distribution
Percolation Rate:	36	Square Feet:	900	N/A
Depth To Restriction:	54	Lineal:	300 Feet	
Land Slope:	5.00%	Depth Of Rock Below:	12 Inches	
Flow Rate:	450	Maximum Trench Depth:	18 Inches	
Number of Bedrooms:	3	Number Of Trenches:	5	
<input type="checkbox"/> Gravelless		Length Of Trenches:	60 Feet	
<input type="checkbox"/> Chambered		Spacing Of Trenches:	7.5 Feet	
Tank Sizes				
Tank 1: 1000	Tank 2: 1000	Tank 3: 0	Lift Station: 0	

Authorized Work/Special Conditions

1. Building sewer can be no closer than 20 feet from well and must be pressure tested Schedule 40 within 50 feet.
2. Domestic strength waste only. Industrial waste and hazardous wastes cannot enter the septic system.
3. Establish a vegetative cover over the soil treatment area within 30 days of the installation. Protect the soil treatment area from erosion until the vegetative cover is established.
4. Install individual sewage treatment system as per approved design in area tested and shown on the site plan.
5. Maximum trench depth 18 inches into natural soil.
6. System cannot be installed if frozen at trench depth.
7. 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.)

Permit Issue Date: 9/22/2009
 Permit Expiration Date: 9/22/2010


 Christopher W. LeClair, REHS
 Senior Environmental Specialist



Department of Public Health and Environment

14949 62nd Street North PO Box 6
Stillwater MN 55082-0006

Office: 651-430-6655 - TTY: 651-430-6246 - Fax: 651-430-6730

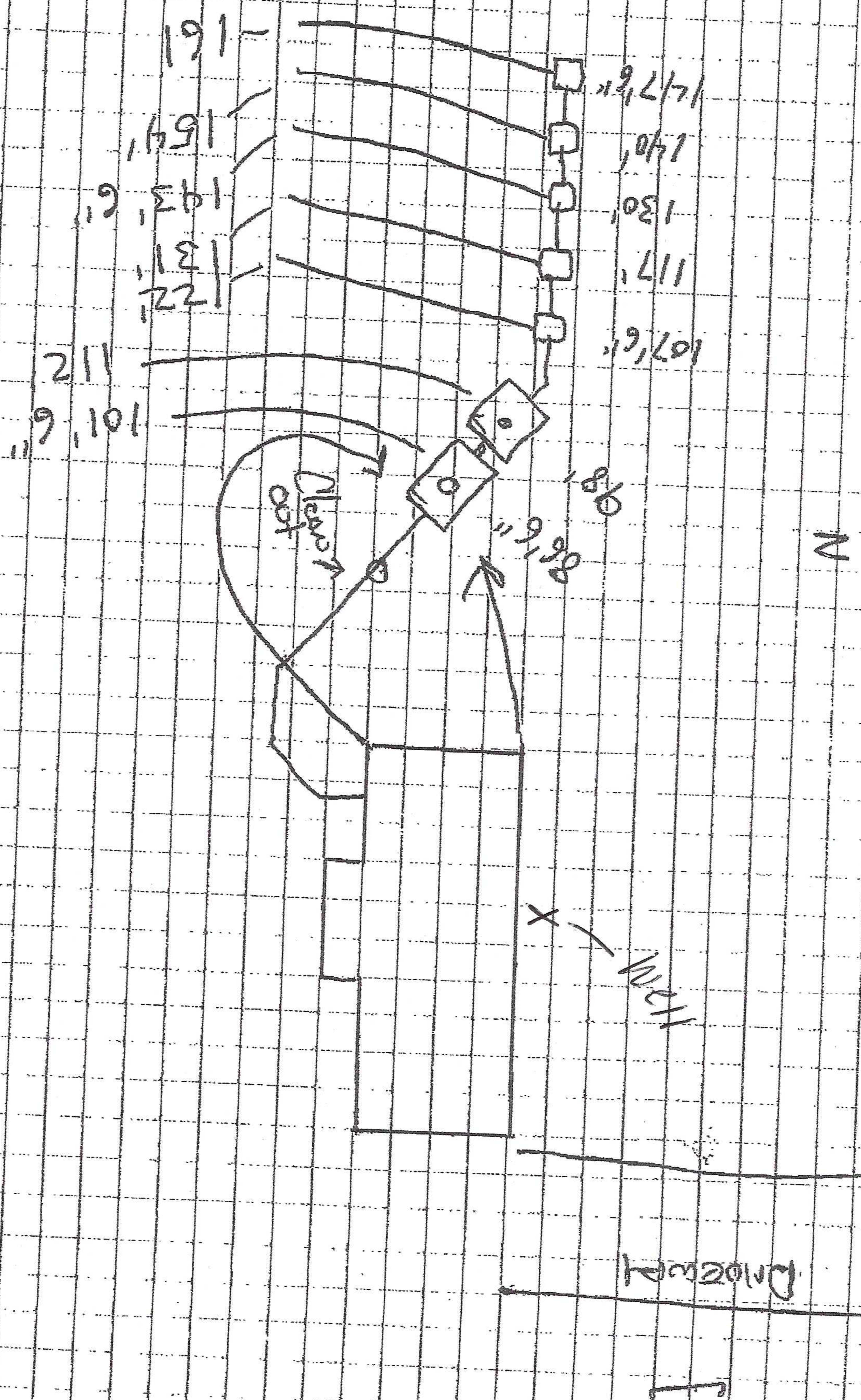
Individual Sewage Treatment System Certificate of Compliance

Type of System: Drainfield
Permit Number: 0100-09-12
Property ID Number: 32-028-20-11-0001
Property Address: 13975 50th St S
Community: Afton
Date of Installation: November 20, 2009

This certifies that the individual sewage treatment system installed at the aforementioned address was inspected during installation and found to be in compliance with requirements of the Washington County Development Code, Chapter Four, Individual Sewage Treatment System Regulations (Washington County Ordinance No. 128). This Certificate of Compliance is valid for five (5) years from the date of issuance unless Washington County finds evidence of an imminent threat to public health and safety. Supporting documentation with detailed information on the system can be found on the attached as-built.

Pete Ganzel

Senior Environmental Specialist



SS Septic Solutions, LLC additional terms and information.

1. SS Septic Solutions, LLC has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period beyond the inspection date. Due to 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 period.
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 cannot 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 understands 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.
7. Nothing other than gray water (laundry, showers, etc.) human waste and toilet tissue should be disposed of into the septic tanks. Garbage disposals are not recommended. Smaller amounts of laundry, soaps, dish soap, cleaning agents, etc. are better for the system. Antibacterial soaps and chlorine agents may kill the bacteria needed to treat effluent properly. Additives are not recommended and may be harmful to your system. Recommend to pump and clean your tanks by a certified pumper every other year if you have 1 tank and every 2-3 years if you have a 2-tank system to ensure proper maintenance.