

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

### **Compliance Inspection Form**

### **Existing Subsurface Sewage Treatment Systems (SSTS)**

Doc Type: Compliance and Enforcement

Instruction manufacture is a second s	For local tracking purposes:
<b>Inspection results</b> based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also app	
Submit completed form to Local Unit of Government (LUG) and system within 15 days	owner
System Status	
System status on date (mm/dd/yyyy): _ 3/19/2016	
	ncompliant – Notice of Noncompliance e Upgrade Requirements on page 3.)
Reason(s) for noncompliance (check all applicable)  Impact on Public Health (Compliance Component #1) – Imminer Other Compliance Conditions (Compliance Component #3) – Im Tank Integrity (Compliance Component #2) – Failing to protect g Other Compliance Conditions (Compliance Component #3) – Fa Soil Separation (Compliance Component #4) – Failing to protect Operating permit/monitoring plan requirements (Compliance Component #4)	minent threat to public health and safety roundwater iling to protect groundwater groundwater
Property Information Parcel ID# or Sec.	/Twp/Range: 29.031.19.33.0002
Property address: 13055 St. Croix Trail N Stillwater MN 55082	Reason for inspection: Property Sale
Property owner:	Owner's phone:
Or	Decree and the second CE4 420 7704
Owner's representative: Carmel Carver, Coldwell Banker Burnet Realty  Local regulatory authority: Washington County	Regulatory authority phone: 651-430-6673
2 1,000 gallon infiltrator plastic septic tanks and	1,000 gallon infiltrator plastic pump tank pumping up to
Brief system description: a 18" sand lift mound.  Comments or recommendations:	
This system was installed in November 2014. The house has been un-occup Lifted the float to operate the pump, everything is in good working order.	ied since then. The tanks have very little water in them.
Certification	
I hereby certify that all the necessary information has been gathered to deterdetermination of future system performance has been nor can be made due possible abuse of the system, inadequate maintenance, or future water usage Inspector name: Tom Trooien	to unknown conditions during system construction,
Business name: All State Services LLC	License number: 1568
Inspector signature: 7577	Phone number: 612-594-4496
Necessary or Locally Required Attachments	
	Forms per local ordinance
☑ Other information (list): <u>Washington County Certificate of Compliance</u>	ee

	ompliance criteria:		Verification method(s):
Sys	stem discharges sewage to the bund surface.	☐ Yes ⊠ No	Searched for surface outlet     ■
Sy	stem discharges sewage to drain or surface waters.	☐ Yes ☒ No	<ul> <li>Searched for seeping in yard/backup in home</li> <li>☐ Excessive ponding in soil system/D-boxes</li> </ul>
Sy	stem causes sewage backup into relling or establishment.	☐ Yes ☒ No	☐ Homeowner testimony (See Comments/Explanation) ☐ "Black soil" above soil dispersal system ☐ Contamentation "approximation" approximation
sy	ny "yes" answer above indi vstem is an imminent threat ealth and safety.		<ul> <li>☐ System requires "emergency" pumping</li> <li>☐ Performed dye test</li> <li>☐ Unable to verify (See Comments/Explanation)</li> <li>☐ Other methods not listed (See Comments/Explanation)</li> </ul>
Со	mments/Explanation:		
	ank Integrity – Compliance	component #2 of 5	
Cc	ompliance criteria:	1	Verification method(s):
	stem consists of a seepage pit, sspool, drywell, or leaching pit.	☐ Yes ⊠ No	<ul><li>☐ Probed tank(s) bottom</li><li>☒ Examined construction records</li></ul>
	epage pits meeting 7080.2550 may be mpliant if allowed in local ordinance.		<ul><li>☐ Examined Tank Integrity Form (Attach)</li><li>☒ Observed liquid level below operating depth</li></ul>
	wage tank(s) leak below their signed operating depth.	☐ Yes ⊠ No	
	ves, which sewage tank(s) leaks:		<ul><li>☐ Probed outside tank(s) for "black soil"</li><li>☐ Unable to verify (See Comments/Explanation)</li></ul>
AI	ny "yes" answer above indi ⁄stem is failing to protect gi		Other methods not listed (See Comments/Explanation)
Co	omments/Explanation:	<b>ns</b> – Compliance com	ponent #3 of 5
Co	omments/Explanation:		ponent #3 of 5 d, or appear to be structurally unsound. □ Yes* ☑ No □ Unkno
Co	omments/Explanation:  ther Compliance Condition  Maintenance hole covers are dama	aged, cracked, unsecured to immediately and adve	d, or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Unkno
Co Ot	ther Compliance Condition  Maintenance hole covers are dama Other issues (electrical hazards, etc.)	aged, cracked, unsecured to immediately and adve	d, or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Unknotersely impact public health or safety. ☐ Yes* ☒ No ☐ Unknotersely.

Inspector initials/Date: TT | 3/19/2016

(mm/dd/yyyy)

Property address: 13055 St. Croix Trail N Stillwater MN 55082

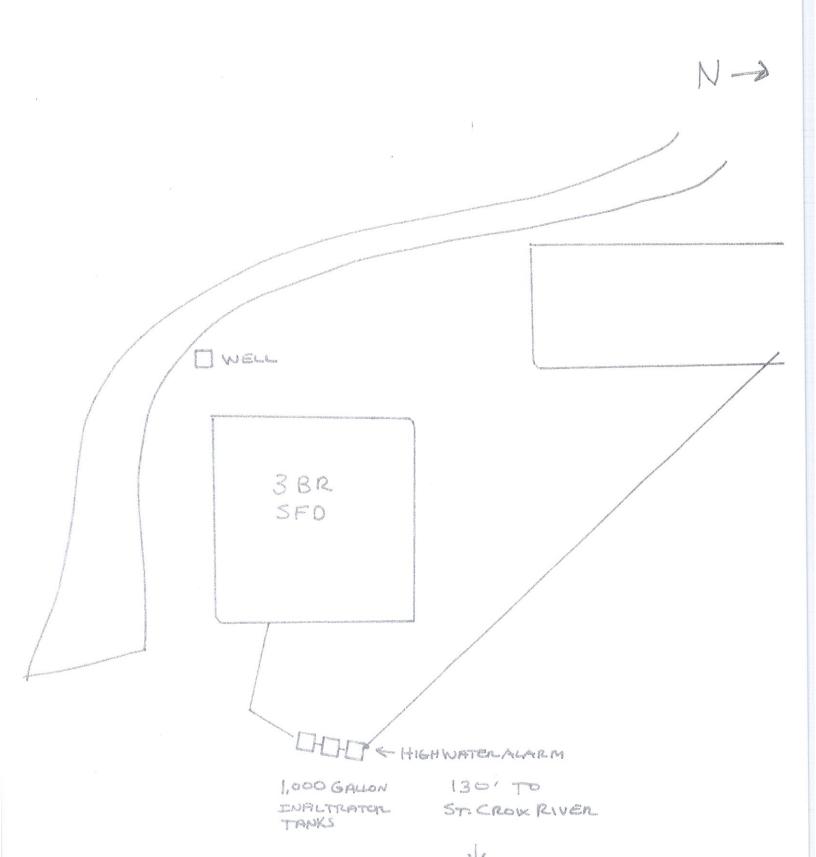
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way-wwists4-31b • 6/4/14

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Property address: 13055 St. Croix Trail N Still	water MN 55082		3/19/2016
			(mm/dd/yyyy)
4. Soil Separation - Compliance of	omponent #4 of 5		
Date of installation: 11/3/2014 (mm/dd/yyyy)	Unknown	Verification method(s):	
Shoreland/Wellhead protection/Food beverage lodging?	⊠ Yes □ No	Soil observation does not expire. Previous observations by two independent parties a	re sufficient.
Compliance criteria:		unless site conditions have been altered or requirements differ.	rlocal
For systems built prior to April 1, 1996, and	☐ Yes ☐ No	☐ Conducted soil observation(s) (Attach bo	oring logs)
not located in Shoreland or Wellhead Protection Area or not serving a food,			
beverage or lodging establishment:		☐ Not applicable (Holding tank(s), no drainfie	
Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.		☐ Unable to verify (See Comments/Explanation) ☐ Other (See Comments/Explanation)	ion)
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	Comments/Explanation:	
Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*			
"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV	☐ Yes ☐ No	Indicate depths or elevations	
or V systems built under 2008 Rules (7080. 2350 or 7080.2400 (Advanced Inspector		A. Bottom of distribution media 18"	sand lift mound
License required)		B. Periodically saturated soil/bedrock	
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.		C. System separation	
		D. Required compliance separation*	
Any "no" answer above indicates the failing to protect groundwater.	ne system is	*May be reduced up to 15 percent if allowed Ordinance.	d by Local
5. Operating Permit and Nitrogen	BMP* – Complian	ce component #5 of 5 🔀 <b>Not ap</b>	plicable
Is the system operated under an Operating	Permit? [] Yes	⊠ No If "yes", A below is required	
Is the system required to employ a Nitroger	BMP? [] Yes	⊠ No If "yes", B below is required	
BMP = Best Management Practice(s) s	pecified in the system	design	
If the answer to both questions is "n	o", this section doe	es not need to be completed.	
Compliance criteria			
a. Operating Permit number: n/a			
Have the Operating Permit requireme	nts been met?	☐ Yes ☐ No	
b. Is the required nitrogen BMP in place	and properly functionin	g? Yes No	
Any "no" answer indicates Nonce	ompliance.		
ground water, the system must be upgraded, rep is not failing as defined in law, and has at least tw	otice or within a shorter p laced, or its use disconting to feet of design soil sepa dinance that is more strict	blic health and safety (ITPHS) must be upgraded, re period if required by local ordinance. If the system is ued within the time required by local ordinance. If a ration, then the system need not be upgraded, repa t. This provision does not apply to systems in shore te, and lodging establishments as defined in law.	failing to protect n existing system

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 Available in alternative formats



# U of MN Onsite Sewage Treatment Program Soil Boring Log

Soil Survey Map Unit(s):   Saturated Soil   I.——Structure attitions   Structure attitions   Stru	Client/ Address:			Legal Description/GPS:	PS:		Date: 9/	1901/6
Soil Survey Map Unit(s):   Soil Survey Map Unit(s):   Saturated Soil Survey Map Unit(s):   Saturated Soil I	V	Resp	7					110
Soil Survey Map Unit(s):  Soil Survey Map Unit(s):  Soil Survey Map Unit(s):  Saturated Soil Survey Map Unit(s):  Saturated Soil Infection(s) Stape:  Color(s) Kind(s) (see back) Stape:  Color(s) Kind(s) (see ba	Soil Parent Material(s): Till		,					405
Soil Survey Map Unit(s):  Saturated Soil  Color(s)  Kind(s)  Concentrations  Depletions  Gleyed  Concentrations  Depletions  Gleyed  Concentrations  Depletions  Gleyed  Concentrations  Depletions  Gleyed  Concentrations  Depletions  Concentrations  Concentrations  Depletions  Concentrations  Depletions  Concentrations  Concentra	scape Position:	ummit	Shoulder	Back/Side Slope		Slope		
Siope Shape:  Saturated Soil  Mottle Redox Indicator(s) Shape Grade Grade  Color(s) Kind(s) (see back) Shape Grade  Color(s) Concentrations  Depletions  Concentrations  Conce			Soil Survey	Map Unit(s):		Slope (%):		
Mortle   Redox Indicator(s)   I.——Structure   Color(s)   Kind(s)   (see back)   Shape   Grandar   Weak   I.	4	of Dav				Slope Shape:		
Mottle Redox Indicator(s)  Color(s) Kind(s) (see back) Shape Grands  Concentrations Single Grain Moderate  Gleyed Massive Moderate  Gleyed Massive Moderate  Concentrations Single Grain Moderate  Gleyed Massive  Concentrations Single Grain Moderate  Concentrations Single Grain Moderate  Gleyed Massive  Concentrations Single Grain Moderate  Concentrations Single Grain Loose  Gleyed Massive  Concentrations Single Grain Moderate  Concentrations Single Grain Moderate  Concentrations Single Grain Loose  Gleyed Massive  Concentrations Single Grain Moderate  Concentrations Single Grain Moderate  Concentrations Single Grain Loose  Massive  Moderate  Concentrations Single Grain Moderate  Concentrations Single Grain Moderate  Concentrations Single Grain Moderate  Massive  Moderate  Moderate  Concentrations Single Grain Moderate  Modera	١				Saturated Soil	,	į	<b>&gt;</b>
Concentrations   Plany   Meak   Elocity   Depletions   Plany   Elocity   Strong   Elocity   Elocity   Strong   Elocity		Matrix	Mottle Color(s)	Redox Kind(s)	Indicator(s) (see back)		Grade	Consistence
Concentrations Blocky Moderate Flow Moderate Flows Concentrations Single Grain Moderate Flows Concentrations Gleyed Massive Concentrations Gleyed Massive Concentrations Gleyed Massive Concentrations Gleyed Massive Moderate Flows Depletions Single Grain Moderate Flows Concentrations Gleyed Massive Moderate Flows Depletions Single Grain Moderate Gleyed Massive Moderate Flows Depletions Single Grain Moderate Flows Strong Flows Strong Flows Moderate Gleyed Massive Grain Moderate Grain Moderate Flows Strong Flows Strong Flows Strong Flows Moderate Grain Massive Grain Moderate Grain Moderate Flows Strong Flows Strong Flows Strong Flows Moderate Grain Massive Grain Massive Grain Moderate Gramular Moderate Gramular Moderate Flows Strong Flows Fl		Color(s)	CONOT (S)	(2)		Granular	Weak	Loose
Concentrations   Conc		10 3/3		Concentrations		Platy Blocky	Moderate Strong	Firm
Concentrations Granular Weak Elayed Moderate Gleyed Noderate Figury Strong Promatic Loose Figury Strong Promatic Loose Figury Strong Promatic Concentrations Gleyed Nassive Noderate Figury Promatic Concentrations Gleyed Nassive Noderate Figury Promatic Concentrations Gleyed Nassive Noderate Single Grain Moderate Figury Moderate Figury Moderate Single Grain Moderate Granular Moderate Granular Moderate Figury Figury Moderate Single Grain Massive Moderate Figury Figury Moderate Single Grain Massive Moderate Single Grain Massive Figury Moderate Single Grain Massive Moderate Figury Moderate Single Grain Massive Moderate Single Grain Massive Moderate Single Grain Massive Strong Figury Moderate Single Grain Massive Moderate Single Grain Massive Moderate Single Grain Massive Single Grain Massive Moderate Single Grain Moderate				Gleyed		Single Grain	Loose	Extremely rum Rigid
Concentrations Biology Moderate Figs.  Depletions Gleyed Single Grain Grauniar Moderate Figs.  Concentrations Biology Strong Fixandic Loose Biology Single Grain Moderate Grauniar Moderate Figs.  Concentrations Single Grain Moderate Grauniar Moderate Figs.  Depletions Single Grain Moderate Grauniar Moderate Grauniar Moderate Figs.  Concentrations Biology Strong Figs.  Depletions Single Grain Moderate Grauniar Moderate Grauniar Moderate Figs.  Depletions Single Grain Moderate Figs.  Depletions Single Grain Moderate Grauniar Moderate Figs.  Depletions Single Grain Moderate Grauniar Moderate Figs.  Depletions Single Grain Moderate Grauniar Moderate Figs.  Depletions Single Grain Mo						Granular	Weak	Loose
Depletions Gleyed   Prismatic Loose   Electronic Gleyed   Platy   Moderate   Electronic Granular   Weak   Platy   Moderate   Electronic Gleyed   Electronic Gleyed   Electronic Gleyed   Electronic Granular   Electronic Gleyed   Electronic Granular   Electronic Granular   Electronic Gleyed   Electronic Granular   Electronic Gleyed   Electronic Granular   Elect		163/2		Concentrations		Fiary Blocky	Moderate	Firm
Concentrations Massive Weak Depletions Gleyed Moderate Concentrations Concentrations Depletions Concentrations		- 3	2	Depletions		Prismatic Single Grain	Loose	Extremely Firm
Concentrations  Concentrations  Gleyed  Concentrations  Concen		かってか	4	Greyer		Massive		Nga.
Concentrations   Blocky   Strong   Iterated						Granular Platy	Weak	Friable
Concentrations   Conc		700	~	Concentrations		Blocky	Strong	Firm
Concentrations Depletions Depletions Gleyed Concentrations Concentrations Concentrations Depletions Gleyed Concentrations Depletions Concentrations Depletions Gleyed Concentrations Depletions Concentrations Depletions Concentrations Depletions Single Grain Moderate Granular Moderate Granular Moderate Granular Moderate Granular Moderate Granular Moderate Granular Moderate Single Grain Moderate Single Grain Moderate Concentrations Depletions Single Grain Massive Loose Single Grain Massive		1110		Gleyed		Single Grain	Loose	Extremely rum Rigid
Concentrations Depletions Depletions Gleyed Concentrations Depletions Concentrations Depletions Gleyed Concentrations Depletions Gleyed Concentrations Depletions Concentrations Depletions Concentrations Depletions Single Grain Massive Granular Massive Granular Massive Granular Massive Granular Massive Concentrations Depletions Single Grain Massive Concentrations Depletions Single Grain Massive Loose Single Grain Massive Loose Single Grain Massive	_					Granular	Weak	Loose
Depletions Blocky Strong Strong Grain Gleyed Single Grain Massive Granular Weak Granular Platy Moderate Single Grain Gleyed Single Grain Massive Granular Meak Single Grain Massive Granular Weak Granular Massive Granular Weak Granular Weak Platy Granular Weak Platy Granular Moderate Granular Moderate Single Grain Gleyed Single Grain Gleyed Massive Loose Single Grain Massive				Ceanity		Platy	Moderate	Friable
Gleyed Single Grain Loose  Granular Weak Granular Weak Platy Moderate Blocky Strong Prisonatic Loose Single Grain Massive Granular Weak Concentrations Piaty Moderate Platy Moderate Platy Moderate Granular Moderate Single Grain Moderate Concentrations Pinternatic Single Grain Moderate Gleyed Massive Concentrations Single Grain Massive				Concent anous		Blocky	Strong	Firm C. terrativ Gira
Concentrations Granular Weak Moderate Platy Blocky Strong Prismatic Loose Single Grain Moderate Granular Massive Weak Granular Platy Moderate Platy Concentrations Platy Platy Strong Prismatic Loose Granular Platy Strong Prismatic Loose Gleyed Massive				Gleyed		Single Grain	Loose	Rigid
Concentrations Depletions Gleyed Granular Concentrations Concentrations Depletions Concentrations Depletions Gleyed Granular Play Moderate Weak Moderate Single Grain Moderate Sugar Concentrations Blocky Strong From Moderate Sugar Moderate Concentrations Single Grain Massive	_					Granular	Weak	Loose
Depletions Princatic Loose Single Grain Massive Granular Weak Platy Concentrations Depletions Single Grain Gleyed Massive Loose Single Grain Gleyed Massive Loose Single Grain Massive	_	(		Concentrations		Platy	Moderate	Friable
Gleyed Single Grain Loose Single Grain Massive Granular Weak Platy Moderate Blocky Strong Depletions Primatic Loose Single Grain Massive	77	5		Denletions		Prismatic	Strong	Fundamely Firm
Concentrations Granular Weak Platy Moderate Blocky Strong Prismatic Loose Single Grain Massive	-	o OC	The	Gleyed		Single Grain	70036	Rigid
Tations Platy Moderate Blocky Strong Placky Strong Strong Placky Strong Strong Massive	-	) j	-			Granular	Weak	Loose
Massive				Concentrations		Platy	Moderate	r Table
Single Grain Massive				Depletions		Prismatic	Loose	Extremely Firm
				Gleyed		Single Grain Massive		Rigid

Comments:

TAILS DEGUSTS and or Pill over Below

### LOGS OF SOIL BORINGS

Location of Project Evelyn Routier, 1 acre, Sec. 29, May Twp., Washington Co. Borings Made by Chris Zierke

Hand bucket auger used for borings; USDA – SCS Soil Classification used.

Date: 8/19/14

Boring Number 1
Dark-brown loamy fine sand(10YR-3/3)
Yellowish-brown decomposed bedrock (10YR-5/4), iron-stains, light-gray nottles

End of boring at 3.5 feet.

Standing water table:

Present at feet of depth, hours after boring.

Standing water not present in hole .

Mottled Soll:

Observed at 1.5 feet of depth.

Mottled soll not present in bore hole .

Comments:

Depth,	
In	<b>Boring Number 3</b>
Feet	g
0	· · · · · · · · · · · · · · · · · · ·
0-36"	Dark yellowish-brown loamy fine sand (10YR-4/4)
36-48"	Dark-brown loamy fine sand(3/3)
48-54"	Yellowish-brown bedrock(5/4), iron-st, light-gray mottles

End of boring at 4.5 feet.

Standing water table:

Present at feet of depth, hours after boring.

Standing water not present in hole .

Mottled Soil:

Observed at 4 feet of depth.

Mottled soil not present in bore hole .

Comments:

Boring Number 2
Dark-brown loamy fine sand(3/3)
Yellowish-brown decomposed bedrock (5/4), iron-st., light-gray mottles

End of boring at 2.5 feet.

Standing water table:

Present at feet of depth, hours after boring.

Standing water not present in hole .

Mottled Soll:

Observed at 1.5 feet of depth.

Mottled soil not present in bore hole .

Comments:

Depth, In Feet 0	Boring Number 4
0-22"	Dark-brown loamy fine sand(3/3)
22-30"	Yellowish-brown decomposed bedrock (5/4), iron-st., light-gray mottles

End of boring at 2.5 fcct.

Standing water table:

Present at feet of depth, hours after boring.

Standing water not present in hole ⊠.

Mottled Soll:

Observed at 22" feet of depth.

Mottled soil not present in bore hole □.

Conuments:



## Department of Public Health and Environment

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

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

### Individual Sewage Treatment System Certificate of Compliance

Mound Type of System:

0009-14-14 Permit Number:

29-031-19-33-0002 Property ID Number:

13055 St. Croix TR N Property Address:

May Township Community:

November 3, 2014 Date of Installation:

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

Senior Environmental Specialist, Pete Ganzel