

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)	For local tracking purposes:			
requirements and attached forms – additional local requirements may also app	y.			
Submit completed form to Local Unit of Government (LUG) and system within 15 days	owner			
System Status				
System status on date (mm/dd/yyyy): 5/9/2016				
	ncompliant – Notice of Noncompliance 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 Tank Integrity (Compliance Component #2) – Failing to protect groundwater Other Compliance Conditions (Compliance Component #3) – Failing to protect groundwater Soil Separation (Compliance Component #4) – Failing to protect groundwater Operating permit/monitoring plan requirements (Compliance Component #5) – Noncompliant				
Property Information Parcel ID# or Sec.	Twn/Range·			
Property address: 12620 181st St N Marine on St Croix MN 55047	Reason for inspection: Sale			
Property owner: Karla Krick	Owner's phone: 651-246-2114			
or	5 000000 of 10 000000 1			
Owner's representative:	Representative phone:			
Local regulatory authority: Washington County	Regulatory authority phone: 651-430-6655			
Brief system description: Two 1,000 gallon septic tanks and a gravity drop	box drainfield			
Comments or recommendations: System was installed in 1997 and was not installed in correct location. Desig system between B-2, B-4, and B-5 (see attached sketch). System went into a homeowner includes permit review from Washington County (see attached).				
Certification				
I hereby certify that all the necessary information has been gathered to deter determination of future system performance has been nor can be made due possible abuse of the system, inadequate maintenance, or future water usag	to unknown conditions during system construction,			
Inspector name: Benjamin Zierke	Certification number: 9594			
Business name: Zierke Soil Testing	License number: 119			
Inspector signature:	Phone number: 651-462-2294			
Necessary or Locally Required Attachments				
	Forms per local ordinance			
☐ Other information (list):	17			

Inspector initials/Date: 82 | 5/9/24(

1.	un	pact on Public Health – C	ompliance compone	ent #1 of 5				
_	Compliance criteria:			Verification method(s):				
		tem discharges sewage to the	☐ Yes ☒ No	⊠ Searched for surface outlet				
-		und surface.	DVac DNa	 ✓ Searched for seeping in yard/backup in home ✓ Excessive ponding in soil system/D-boxes 				
		tem discharges sewage to drain or surface waters.	☐ Yes ⊠ No	Homeowner testimony (See Comments/Explanation)				
		tem causes sewage backup into	☐ Yes ⊠ No	"Black soil" above soil dispersal system				
8		Illing or establishment.	4.41	System requires "emergency" pumping				
	Any "yes" answer above indicates the system is an imminent threat to public health and safety. Comments/Explanation:			 □ Performed dye test □ Unable to verify (See Comments/Explanation) □ Other methods not listed (See Comments/Explanation) 				
	Hon	neowner has not had any issues wi	th the drainfield.					
2	-	ala la taméta de la Companya de la C						
۷.		nk Integrity – Compliance	component #2 of 5					
-	1150	mpliance criteria:		Verification method(s):				
		tem consists of a seepage pit, spool, drywell, or leaching pit.	☐ Yes ☒ No	☐ Probed tank(s) bottom ☐ Examined construction records				
		page pits meeting 7080.2550 may be		Examined Tank Integrity Form (Attach)				
1		pliant if allowed in local ordinance.		Observed liquid level below operating depth				
		vage tank(s) leak below their igned operating depth.	☐ Yes ⊠ No	Examined empty (pumped) tanks(s)				
	If ye	es, which sewage tank(s) leaks:		Probed outside tank(s) for "black soil"				
Any "yes" answer above indicates the system is failing to protect groundwater.				 ☐ Unable to verify (See Comments/Explanation) ☐ Other methods not listed (See Comments/Explanation) 				
			ounawater.					
Comments/Explanation: Tanks last pumped 10/23/14. See attached.								
	0 70							
3.	Otl	ner Compliance Condition	s – Compliance comp	onent #3 of 5				
	a.	Maintenance hole covers are dama	ged, cracked, unsecured	, or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Unknown				
	b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety. ☐ Yes* ☐ No ☐ Unknown *System is an imminent threat to public health and safety.							
		Explain:						
	c. System is non-protective of ground water for other conditions as determined by inspector . ☐ Yes* ☐ No *System is failing to protect groundwater.							
		Explain:						

Inspector initials/Date:

4. Soil Separation – Compliance component #4 of 5					
Date of installation: 7/14/1997	Unknown	Verification method(s):			
(mm/dd/yyyy) Shoreland/Wellhead protection/Food beverage lodging?	⊠ Yes □ No	Soil observation does not expire. Pre observations by two independent pa unless site conditions have been alte	rties are sufficient,		
Compliance criteria:		requirements differ.			
For systems built prior to April 1, 1996, and	☐ Yes ☐ No	☐ Conducted soil observation(s) (Attach boring logs)			
not located in Shoreland or Wellhead Protection Area or not serving a food,		☐ Two previous verifications (Attach boring logs)			
beverage or lodging establishment:		Not applicable (Holding tank(s), no drainfield)			
Drainfield has at least a two-foot vertical		☐ Unable to verify (See Comments/Explanation)			
separation distance from periodically saturated soil or bedrock.		Other (See Comments/Explanation)	Other (See Comments/Explanation)		
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"	☐ Yes ☐ No	Indicate depths or elevations			
systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080.		Bottom of distribution media	97.2		
2350 or 7080.2400 (Advanced Inspector					
License required)		B. Periodically saturated soil/bedrock	97.0		
Drainfield meets the designed vertical separation distance from periodically		C. System separation	0.2		
saturated soil or bedrock.		D. Required compliance separation*	3.0		
Any "no" answer above indicates the system is failing to protect groundwater. *May be reduced up to 15 percent if allowed by Local Ordinance.					
5. Operating Permit and Nitroger	BMP* – Complian	ce component #5 of 5	lot applicable		
Is the system operated under an Operating	Permit?	☐ No If "yes", A below is requir	red		
Is the system required to employ a Nitroger	n BMP?	☐ No If "yes", B below is requir	red		
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. Operating Permit number:		□ Van □ Na			
Have the Operating Permit requirement	ents been met?	Yes No			
b. Is the required nitrogen BMP in place	and properly functionin	g? Yes No			
Any "no" answer indicates Nonc	ompliance.				

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.

Logs of Soil Borings

Location of Project:

12620 181st St N Marine On St Croix, MN 55047

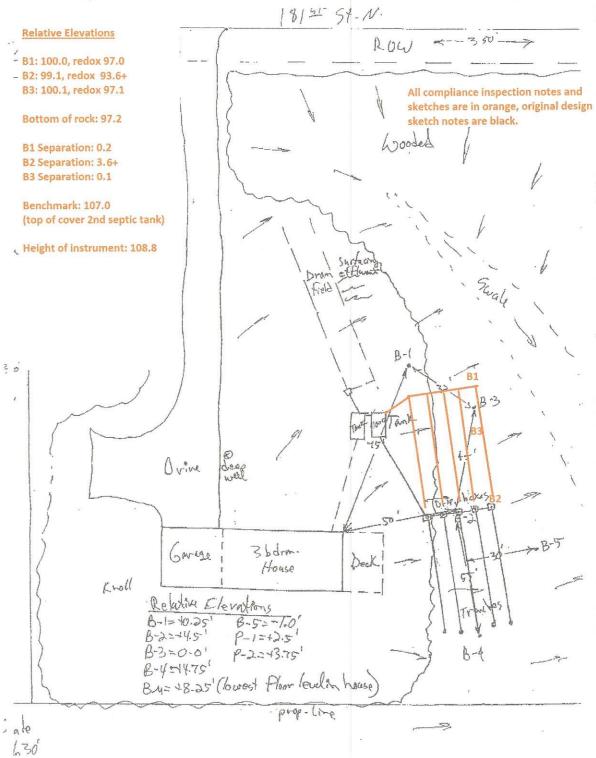
Borings Made by Ben Zierke

Date:

4/25/2016

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

Depth, in Inches	Boring Number 1	Depth, in Inches	Boring Number 2	
0		0		
0-8"	10YR 3/3 sandy loam	0-6"	10YR 3/3 loamy sand	
8-36"	10 YR 4/4 sandy loam	6-66"	7.5YR 4/4 loamy sand, intermittent light lamellic bands below 48"	
36-40"	7.5YR 4/4 sandy loam, standing water at 36"			
End of boring at 3.3 feet Standing water table: Present at feet of depth Hours after boring Standing water not present in hole Mottled Soil: Observed at 3 feet of depth Mottled soil not present in bore hole Comments:		End of boring at 5.5 feet Standing water table: Present at feet of depth Standing water not present in hole Mottled Soil: Observed at feet of depth Mottled soil not present in bore hole Comments:		
Depth, in Inches	Boring Number 3	Depth, in Inches	Boring Number 4	
0	10YR 3/3 loamy sand	0		
6-36"	10YR 4/4 loamy sand			
36-40"	10YR 5/4 clay loam, strong redox at 36"			
End of boring at Standing water tab Present at Standing water not p Mottled Soil: Observed at Mottled soil not pres Comments:	feet of depth Hours after boring oresent in hole 3 feet of depth	End of boring at Standing water tab Present at Standing water not p Mottled Soil: Observed at Mottled soil not pre Comments:	feet of depth feet of depth feet of depth	





WASHINGTON COUNTY, MINNESOTA

Department of Health, Environment, and Land Management 612/430-6708

NEW SCANDIA TOWNSHIP

PERMIT NUMBER + 9497073

SEWAGE PERMIT

BECKY

MONSON

ROUTE 2, BOX 114

PINE CITY

55063

Applicant : BECKY

HORSON

320-629-3149

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

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 : 12620 1819T 9T N .

MARINE ON ST CROIX

55047

Flow Capacity

450 Ga1/Day

Soil Conditions: Depth to Restriction

Smil Treatment Area Type:

In Ground Y In Fill N. Bod N Drain: Field Y

Authorized Work / Special Conditions

- Install individual aswage treatment system as per approved design in area tested and shown on site plan.

- OK to use existing sewage tank if inspection shows sound construction (precast) and functioning baffles.

- THIS SYSTEM MUST BE INSTALLED BY A GERTIFIED/LICENSED SEWAGE TREATMENT SYSTEM INSTALLER HOLDING A CURRENT LIGENSE WITH THE MINNESOTA POLLUTION CONTROL AGENCY. (A list of installers is available at your request.).

- Maximum trench depth 36 inches into natural soil.

++ Permit Expiration, Date :

Sewago Treatment : 7/14/99

A CERTIFICATE OF OCCUPANCY MUST BE REGUESTED 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 19 12 months from date of issue. Term of sewage treatment permit is 8 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 imprisionment for not more than ninety (90) days, or both.

Permit Issue Date 7/14/97

Code Enforcement Officer



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

O ener's Name	Steve Monson
Job Site Address	12620 181st Street N., Marine-on-St.Croix, MN.
Ciry or Township	Lot 1, Nardwood Hills, Sec. 33, New Scandia Twp.
Use of Building	single family-residential

Design Flow Rate 450 gpd	Land Slop	e 15	Percent
Required Tank Sizes 1000 Gallons	Hod	1000*	Gallons
Type of System (standard, at grade or bed) Standard		•	
System Size: 750 -Square Feet 250	-Lineal Feet	36"	-Treuch Width
Depth of rock below pipe 12"	Depth of F	lock Above Pipe	2"
MiNimum Depth of Trench From Existing Grade 24 Inches	4	Depth of Trench	36 Inches
Recommended Number of Treuches 5	Recommen	ded Length of Tres	nches 501
Trench Spacing Measured Center to Center	11000	6	-8 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:

- Use an appropriate scale and indicate direction by use of a north arrow.
- 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.
- Show location and layout of sewage treatment system.
- 5. Show location of water supply (well and/or community supply line).
- Dimension all setbacks and separation distances.

This system has been designed by a Pollution Control Agency (PCA) Certified Profes	ssional.
Designer Name Christopher Zierke	PCA Certification # 00998
Address 27072 Flintwood Circle, Wyoming, MN. 55092	Phone # 462-2294
Signature	Date 6/19/97

DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT

GOVERNMENT CENTER

14949 62nd STREET NORTH P.O. BOX 6 STILLWATER, MN 55082-0006

Office: 651-430-6655 TDD: 651-430-6246 FAX: 651-430-6730

SSTS MAINTENANCE REPORT					
Property Address: 12420 191-1-51 N. Property Owner's Name: Miles Maria Krick					
Property Address: 12620 191-1. St. N. Property Owner's Name: Mile Karla Krick					
Municipality: Marina St	ate Zlp Code 550	SUN GEO Code/F	roperty I.D. #:		
What was done to the system? ; Tank Measurements (must be completed if tanks NOT pumped)					
Tank(s) Pumped Sludge and scum measured.	Liquid Level of Tank	in. Sludge Leve	in. Scum Level in.		
Do tanks need to be pumped? Yes No (if no provide measurements)	Total (Sludge + Scum)	/ Liquid Level			
1. Access used to remove septage: Maintenan		s below)	Tank must be pumped if this value is greater than 25%.		
2. If maintenance hole was used, were all covers se	curely replaced? 🏋 Yes 🚶	No please explain			
Explanation:	ži.		NE CONTRACTOR OF THE CONTRACTO		
3. If owner refuses to allow a Subsurface Sewag them complete and sign the following statem	enti				
l, (own	er's name), refuse to allow ti	he removal of solids a	nd liquids through the maintenance		
hole. I understand that removal of solids and liq			d maintenance.		
4. Is the tank designed as a leaky tank? example: se	epage pit, cesspool, drywell, l	e achin g pit			
Tank#1	ed: <u> </u>	Cast	Alle		
Tank#2 Yes No Verificatio Method U	sed:	,			
5. Is there evidence of tank leakage from a sept damaged, cracked, or structurally unsound m	ic, holding, pretreatment	or pump tank below	the operating depth or evidence of		
Tank	Leaking Out	Leaking In	Cover Damage		
Septic/Holding Tank #1	T Yes No T	Yes XNo	Yes IXNo		
Septic/Holding Tank #2	TYes No T	Yes No	Yes INO		
Pretreatment Tank	Ti Yes No	Yes No	Yes No		
Pump Tank	Yes T No T	Yes No	T: Yes T: No		
6. How many gallons of septage were removed	?				
Tank #1 / COC Tank #2 / COC Pretreatment Tank Pump Tank					
7. Other information: List any troubleshooting, minor repairs conducted, tank safety concerns, or other concerns.					
8. Certification: 1 hereby certify as a State of Minnesota certified SSTS Maintainer that I personally conducted the work and made the observations, or directly supervised others in the performance of this job.					
Maintainer's Name: V.E.S. Inc. Maintainer's Address: Scandia, MN					
Maintainer's License #: 2428 Maintainer's Phone #: 651-433-3934					
Maintainer's Signature Date: 100314					