

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.  Submit completed form to Local Unit of Government (LUG) and system ov within 15 days	For local tracking purposes:		
System Status			
System status on date (mm/dd/yyyy): _3/7/2018			
Reason(s) for noncompliance (check all applicable)  Impact on Public Health (Compliance Component #1) – Imminent to Other Compliance Conditions (Compliance Component #3) – Immin Tank Integrity (Compliance Component #2) – Failing to protect group Other Compliance Conditions (Compliance Component #3) – Failing Soil Separation (Compliance Component #4) – Failing to protect group Operating permit/monitoring plan requirements (Compliance Comp	nent threat to public health and safety undwater ng to protect groundwater roundwater		
Property Information Parcel ID# or Sec/Tv	wn/Range.		
	T (		
or			
•			
Brief system description: 1250 gallon septic tank, 1500 gallon split tank (lift comments or recommendations:	in 500 gailon compartment), mound dispersal system		
Certification			
I hereby certify that all the necessary information has been gathered to determination of future system performance has been nor can be made due to possible abuse of the system, inadequate maintenance, or future water usage.	ine the compliance status of this system. No unknown conditions during system construction,		
Inspector name: Benjamin Zierke	ertification number: 9594		
Business name: Zierke Soil Testing	Sompliance   Noncompliant - Notice of Noncompliance   See Upgrade Requirements on page 3.)    Peck all applicable		
Inspector signature:	Phone number: 651-249-1346		
Necessary or Locally Required Attachments			
<ul> <li>☑ Soil boring logs</li> <li>☑ System/As-built drawing</li> <li>☑ Other information (list): Pumping Report</li> </ul>	rms per local ordinance		

1.	impact on Public realth – C	ompliance componen	[#10]3						
	Compliance criteria:		Verification method(s):						
	System discharges sewage to the	☐ Yes ⊠ No	Searched for surface outlet						
-	ground surface.  System discharges sewage to drain	☐ Yes ☒ No	<ul> <li>☑ Searched for seeping in yard/backup in home</li> <li>☐ Excessive ponding in soil system/D-boxes</li> </ul>						
	tile or surface waters.		☐ Homeowner testimony (See Comments/Explanation)						
	System causes sewage backup into dwelling or establishment.	☐ Yes ⊠ No	<ul><li>□ "Black soil" above soil dispersal system</li><li>□ System requires "emergency" pumping</li></ul>						
	Any "yes" answer above indi system is an imminent threat health and safety.		<ul><li>☐ Performed dye test</li><li>☐ Unable to verify (See Comments/Explanation)</li></ul>						
**	Comments/Explanation: Marry Ann did not report any issues w	ith the system.	☐ Other methods not listed (See Comments/Explanation)						
2.	Tank Integrity – Compliance	component #2 of 5							
-	Compliance criteria:		Verification method(s):						
	System consists of a seepage pit, cesspool, drywell, or leaching pit.	☐ Yes ⊠ No	☐ Probed tank(s) bottom ☐ Examined construction records						
	Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.		Examined Tank Integrity Form (Attach)						
	Sewage tank(s) leak below their	☐ Yes ☒ No	<ul> <li>☐ Observed liquid level below operating depth</li> <li>☑ Examined empty (pumped) tanks(s)</li> </ul>						
	designed operating depth.  If yes, which sewage tank(s) leaks:		Probed outside tank(s) for "black soil"						
	Any "yes" answer above indi	icates the	Unable to verify (See Comments/Explanation)						
	system is failing to protect g	roundwater.	Other methods not listed (See Comments/Explanation)						
	Comments/Explanation:	'aa attaabad							
	Tanks pumped by Olson's 8/2/2017. S	bee attached.							
3.	Other Compliance Condition	ns - Compliance compo	nent #3 of 5						
	a. Maintenance hole covers are damage	aged, cracked, unsecured, o	or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Unknown						
	b. Other issues (electrical hazards, etc.) *System is an imminent threat to								
	Explain:								
	c. System is non-protective of ground *System is failing to protect gro Explain:		as determined by inspector . ☐ Yes* ☒ No						

(mm/dd/yyyy)  Shoreland/Wellhead protection/Food beverage lodging?  Compliance criteria:  For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food,	Soil observation does not expire. Pro- observations by two independent pa- unless site conditions have been alto- requirements differ.  Conducted soil observation(s) (A)	rties are sufficient,					
For systems built prior to April 1, 1996, and Yes No not located in Shoreland or Wellhead							
not located in Shoreland or Wellhead	Conducted soil observation(s) (A)	requirements differ.					
	27 Colladorod coll opportunition (s) (v.	□ Conducted soil observation(s) (Attach boring logs)					
	☐ Two previous verifications (Attach	☐ Two previous verifications (Attach boring logs)					
beverage or lodging establishment:	□ Not applicable (Holding tank(s), no	☐ Not applicable (Holding tank(s), no drainfield)					
Drainfield has at least a two-foot vertical	☐ Unable to verify (See Comments/E	☐ 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:	Comments/Explanation:	Comments/Explanation:					
Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*							
"Experimental", "Other", or "Performance"	Indicate depths or elevations						
systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080.	A. Bottom of distribution media	100.5'					
2350 or 7080.2400 (Advanced Inspector							
License required)	B. Periodically saturated soil/bedrock	97.8'					
Drainfield meets the designed vertical	C. System separation	2.7'+					
separation distance from periodically saturated soil or bedrock.	D. Required compliance separation*	3.0' (2.55' with allowance)					
Any "no" answer above indicates the system is failing to protect groundwater.  6. Operating Permit and Nitrogen BMP* — Comp	*May be reduced up to 15 percent if Ordinance.	f allowed by Local  Not applicable					
	Yes No If "yes", A below is requi	red					
	Yes No If "yes", B below is requi						
BMP = Best Management Practice(s) specified in the sys	2019 DE 2019 D						
If the answer to both questions is "no", this section	dues not need to be completed.						
Compliance criteria							
a. Operating Permit number:	☐ Yes ☐ No						
	☐ 163 ☐ 140						
Have the Operating Permit requirements been met?							

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, 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.

800-657-3864

## **Logs of Soil Borings**

Location of Project:

10175 209th St N Forest Lake, MN 55025

Borings Made by Ben Zierke

Date:

8/31/2017

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

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Depth, in Inches 0	Boring Number 1	Depth, in Inches	Boring Number 2
0-20"	Fill	0-6"	10YR 3/3 loamy sand
20-36"	Mound sand	6-30"	10YR 5/4 fine sand
36-40"	10YR 3/2 sandy loam	30-72"	10YR 4/4 loamy sand with 5-10% coarse fragments, occasional
40-52"	10YR 4/4 sandy loam		inclusions of 4/4 sandy loam
52-66"	10YR 5/3 coarse sand with fine dark brown 10YR 4/3 loamy sand bands banding.		
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:		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 feet of depth feet of depth
Depth, in Inches	Boring Number 3	Depth, in Inches	Boring Number 4
O	feet	O	feet
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  feet of depth  feet of depth  feet of depth	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  feet of depth  feet of depth  feet of depth

Notes in BLUE by BZ, work 8/31/17 MORTH SHORE FLOW 309T. 1100 (500 like Enall Except House o well. Relative Elevations B1: (00,0) (edox 94-5+ B2 (03.8) radox 97.8+ E & P Excavating
Ph. 433-2451
14015 - 170th St. N. Bo Hom of rock: (20.5)
Marine, MN 55047 Bi separation: 6-ot B2 Separation: 2.74 Berchmark 949 - top of power to (astrument Helland 1951-1

Service Order

Olson's Sewer Service, Inc. 17638 Lyons Street N.E. Forest Lake, MN 55025 651-464-2082

Date: 8/2/	2017	Preferred '	Time:				R	load F	Restriction	s (Tor	ıs)	IMPOR	TANT	NOTE	
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