

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

### **Compliance Inspection Form**

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

Doc Type: Compliance and Enforcement

<b>Inspection results</b> based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also appl	For local tracking purposes: 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): 6/17/2019	
<del></del>	ncompliant – Notice of Noncompliance Upgrade Requirements on page 3.)
Reason(s) for noncompliance (check all applicable)  Impact on Public Health (Compliance Component #1) – Imminent Other Compliance Conditions (Compliance Component #3) – Imm Tank Integrity (Compliance Component #2) – Failing to protect gray Other Compliance Conditions (Compliance Component #3) – Failing Soil Separation (Compliance Component #4) – Failing to protect of Operating permit/monitoring plan requirements (Compliance Component #4)	minent threat to public health and safety roundwater ling to protect groundwater groundwater
Property Information Parcel ID# or Sec/	Twp/Range: 2403221120029
20801 KEEWAHTIN AVE N, CITY OF FOREST	
· ·	Reason for inspection: PROPERTY TRANSFER
Property owner: ESCOBEDO XAVIER  or	Owner's phone:
Owner's representative:	Representative phone:
Local regulatory authority: WASHINGTON COUNTY	Regulatory authority phone:
Brief system description: 1250-GALLON SEPTIC TANK AND 300 SQ FT (	GRAVITY DRAINFIELD
Comments or recommendations:	
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	o unknown conditions during system construction,
	Certification number: 3053
Business name: LASH/NSK/ SEPTIC SERVICE	License number: <u>L65</u>
Inspector signature:	Phone number: _ 763-434-3915
Necessary or Locally Required Attachments	
	orms per local ordinance
<ul><li>Soil boring logs</li><li>System/As-built drawing</li><li>☐ Formula of the properties of the p</li></ul>	orms per local ordinance

					(mm/dd/yyyy)
1.	Impact on Public	<b>Health</b> – C	complianc	e compo	nent #1 of 5
	Compliance criteria:				Verification method(s):
	System discharges sew ground surface.	age to the	☐ Yes	⊠ No	<ul><li>☑ Searched for surface outlet</li><li>☑ Searched for seeping in yard/backup in home</li></ul>
	System discharges sew tile or surface waters.	age to drain	☐ Yes	⊠ No	☐ Excessive ponding in soil system/D-boxes ☐ Homeowner testimony (See Comments/Explanation)
	System causes sewage dwelling or establishmen		☐ Yes	⊠ No	☐ "Black soil" above soil dispersal system ☐ System requires "emergency" pumping
	Any "yes" answer system is an immi health and safety.				☐ Performed dye test ☐ Unable to verify (See Comments/Explanation) ☐ Other methods not listed (See Comments/Explanation)
2.	Comments/Explanatio PONDING PRESENT IN DRAINFIELD INSTALLE  Tank Integrity — C	N THE FIRST <sup>-</sup> ED IN 1992			S PONDING OBSERVED IN THE SECOND TRENCH - OLDER
	Compliance criteria:		•		Verification method(s):
	System consists of a se cesspool, drywell, or lea		☐ Yes	⊠ No	<ul><li>☑ Probed tank(s) bottom</li><li>☑ Examined construction records</li></ul>
	Seepage pits meeting 7080 compliant if allowed in local				☐ Examined Fank Integrity Form (Attach) ☐ Observed liquid level below operating depth
	Sewage tank(s) leak be designed operating dep	th.	☐ Yes	⊠ No	<ul> <li>☑ Examined empty (pumped) tanks(s)</li> <li>☑ Probed outside tank(s) for "black soil"</li> </ul>
	If yes, which sewage tar  Any "yes" answer	above indi			☐ Unable to verify (See Comments/Explanation) ☐ Other methods not listed (See Comments/Explanation)
	system is failing to		roundwa	ter.	United Thethous not listed (See Comments/Explanation)
3.	Other Compliance	e Conditior	<b>ns</b> – Comp	oliance con	nponent #3 of 5
	a. Maintenance hole co	overs are dama	aged, cracke	ed, unsecure	ed, or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Unknown
	b. Other issues (electric *System is an imm				rersely impact public health or safety. ☐ Yes* ☒ No ☐ Unknown <b>fety.</b>
	Explain:				
	c. System is non-prote *System is failing to	-		ther conditio	ons as determined by inspector . ☐ Yes* ☐ No
	Explain:				

Property address: 20801 KEEWAHTIN AVE N, CITY OF FOREST LAKE Inspector initials/Date: RL | 6/17/2019

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Property address: 20801 KEEWAHTIN AVE N	I, CITY OF FOREST L	AKE Inspector initials/Date: F	RL   6/17/2019 (mm/dd/yyyy)
Coil Congration Compliance of	omponent #4 of F		
. Soil Separation — Compliance contact of installation: 7/21/1992	Unknown	Verification method(s):	
(mm/dd/yyyy) shoreland/Wellhead protection/Food beverage odging?	⊠ Yes □ No	Soil observation does not expire. Pre observations by two independent par unless site conditions have been alte	ties are sufficient,
Compliance criteria:	□ Vaa □ Na	requirements differ.  Conducted soil observation(s) (Att	tach haring lags)
or systems built prior to April 1, 1996, and ot located in Shoreland or Wellhead	∐ Yes ∐ No		3 3 ,
rotection Area or not serving a food,		☐ Not applicable (Holding tank(s), no	
everage or lodging establishment:		☐ Unable to verify (See Comments/Ex	
rainfield has at least a two-foot vertical eparation distance from periodically aturated soil or bedrock.		Other (See Comments/Explanation)	panadon
Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead	⊠ Yes □ No	Comments/Explanation: PREVIOUS SOIL VERIFICATION AT	TTACHED.
Protection Areas or serving a food, beverage, or lodging establishment:			
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. 2350 or 7080.2400 (Advanced Inspector		A. Bottom of distribution media	38"
icense required)		B. Periodically saturated soil/bedrock	<66"
Orainfield meets the designed vertical eparation distance from periodically		C. System separation	>28"
aturated soil or bedrock.		D. Required compliance separation*	24"
Any "no" answer above indicates t failing to protect groundwater.	the system is	*May be reduced up to 15 percent if a Ordinance.	
. Operating Permit and Nitroger			ot applicable
Is the system operated under an Operating		s 🗌 No If "yes", A below is require	
Is the system required to employ a Nitroge	n BMP?	s 🗌 No If "yes", B below is require	ed
BMP = Best Management Practice(s)	specified in the systen	n design	
If the answer to both questions is "I	no", this section do	oes not need to be completed.	
Compliance criteria			
a. Operating Permit number:			

Any "no" answer indicates Noncompliance.

Have the Operating Permit requirements been met?

b. Is the required nitrogen BMP in place and properly functioning?

**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.

☐ Yes ☐ No

☐ Yes ☐ No

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## **Compliance Inspection Attachment for Existing Individual Sewage Treatment Systems**

Boring #1 Elevation:	Borir	g #2 Elevation	Elevation: "	
See attached.		dry.		

**Sketch:** 

Enchmark = Top of septic tank. Assumed elevation = 100'0". Previous soil verifications (attached) indicated no redoximorphic mottling to a depth of 72". The system does meet the required 36" vertical separation (31" with the allowable 15% reduction) distance from seasonally saturated soils. The tanks were pumped at the time of this inspection and found to be in good condition. The baffles were checked and are o.k. The system consists of a 1250-gallon septic tank and 300 sq. ft. of gravity drainfield trenches. The drainfield is undersized by current code. Probe samples taken in the rockbed indicated ponding present in the first trench, little or no ponding was observed in the second trench. This inspection is not a warranty or guarantee, either written or implied, of future or long-term hydraulic functionality/performance, but rather a determination if the systems use is/may cause pollution and/or adverse harm to the environment, groundwater or public health and safety at the time of this inspection. Buyers should be aware of the age of this system as it ls likely approaching its expected life and access to the back yard is limited for future upgrade/repairs. No guarantee can be made on future hydraulic performance, or the performance of system components. Changes in use can cause any system, failing or compliant, to become hydraulically overloaded and ultimately fail. Owner/buyer assumes full responsibility for the long-term performance of this system as well as any future upgrade, repairs or replacement costs. Liability is limited to the cost of this inspection.

#### Washington County, MN



Property address: 20801 KB	EEWAHTIN AVE N FO	DREST	LAKE MN		Inspector initials/Date	4/10/2014
					'	(mm/dd/yyyy)
4. Soil Separation -	Compliance com	pone	nt #4 of 5			
		] Unkr	nown	Verific	cation method(s):	
Shoreland/Wellhead protection lodging?	(mm/dd/yyyy) on/Food beverage	] Yes	□ No	observ unless	servation does not expire. Pre ations by two independent pa site conditions have been alto	rties are sufficient,
Compliance criteria:					ements differ.	
For systems built prior to A not located in Shoreland or		] Yes	☐ No		nducted soil observation(s) (At	
Protection Area or not servi					previous verifications (Attach	
beverage or lodging establi	shment:				applicable (Holding tank(s), no	
Drainfield has at least a two					able to verify (See Comments/E	xplanation)
separation distance from pe saturated soil or bedrock.	eriodically			☐ Oth	er (See Comments/Explanation)	
Non-performance systems 1996, or later or for non-per systems located in Shorela Protection Areas or serving beverage, or lodging estab	rformance nd or Wellhead a food,	Yes	□No	Comm	ents/Explanation:	
Drainfield has a three-foot separation distance from pesaturated soil or bedrock.*						
"Experimental", "Other", or		Yes	☐ No	Indica	ate depths or elevations	
systems built under pre-20 or V systems built under 20				A. Bot	tom of distribution media	97'10"
2350 or 7080.2400 (Advan						none observed @
License required)				B. Per	iodically saturated soil/bedrock	94'7"
Drainfield meets the design separation distance from pe				C. Sys	tem separation	>36"
saturated soil or bedrock.	enodically			D Rec	uired compliance separation*	36"
Any "no" answer about failing to protect gro	undwater.			*May t Ordin	pe reduced up to 15 percent if ance.	
Is the system operated	under an Operating P	ermit?	☐ Yes	□No	If "yes", A below is requir	red
Is the system required to			☐ Yes	□No	Challe note: Story while 20 No. 1994 all	
	ement Practice(s) sp			desian		
			•	•	need to be completed.	
Compliance criteria						
a. Operating Permit r	number:				☐ Yes ☐ No	
Have the Operatin	g Permit requirement	s been	met?			
b. Is the required nitr	ogen BMP in place a	d pro	perly functioning	g?	☐ Yes ☐ No	
Any "no" answer i	indicates Noncol	nplia	nce.			
discontinued within ten mo ground water, the system r is not failing as defined in l its use discontinued, notwi	nths of receipt of this no must be upgraded, repla aw, and has at least two thstanding any local ordi	ice or v ced, or feet of nance t	vithin a shorter po its use discontino design soil sepao that is more strict	eriod if re ued within ration, the . This pro	n and safety (ITPHS) must be upg equired by local ordinance. If the s n the time required by local ordina en the system need not be upgrad ovision does not apply to systems dging establishments as defined i	system is failing to protect ince. If an existing system ded, repaired, replaced, or in shoreland areas,

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# LOG OF SOIL BORINGS

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## Compliance Inspection Attachment for Existing Individual Sewage Treatment Systems

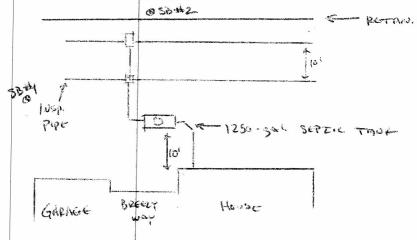
**Address** 

20801 Keewatin Avenue, Forest Lake

Boring #1 Elevation: 102'4"
0-30 Filled soils, colors mixed. Soil wet.  -38 10YR 4/4 dark yellowish brown coarse sandy loam76 10YR 5/4, 5/6 yellowish brown coarse sandy loam and rocks. Soil moist, no redoximorphic mottling observed.

Sketch:

 $\forall \lambda$ 



Buyer be borne of the of system - 25 ps. System may be the story of life. At the manager of the problem.

Comments:

Benchmark = liquid level in septic tank. Assumed elevation = 100'0". Soil borings #1 and #2

indicated the drainfield is sitting in filled soils. The soil was rather wet at the time of the borings, however no sign of redoximorphic mottling was observed at a depth of 36" beneath the rockbed of the drainfield. The system does meet the required three foot vertical separation from seasonally saturated soils. The system consists of a 1250-gallon septic tank and gravity drainfield. The tank is due to be pumped and must be done prior to closing by a state-licensed maintainer. Borings taken over the rockbed of the drainfield showed no signs of moisture above the drainfield or evidence of excess ponding, however ponding was observed in the first drainfield trench. The ponding in the first trench was the same elevation of liquid level in the septic tank, therefore indicating the trench is being used at or near maximum capacity. This inspection is not a warranty or guarantee, either written or implied, of future or long-term hydraulic functionality/performance, but rather a determination if the systems use is/may cause pollution and/or adverse harm to the environment, groundwater or public health and safety at the time of this inspection. Changes in use can cause any system to become hydraulically overloaded and ultimately fail. Buyer should be aware of the age of this system as it is likely at or near the end of its design life. Access to the back yard is limited should the system need to be replaced. Buyer assumes full responsibility for the long-term performance and/or future replacement cost associated with this system. Liability is limited to the cost of this inspection.