

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 (MF requirements and attached forms – additional local requirements may al	PCA) For local tracking purposes:
Submit completed form to Local Unit of Government (LUG) and sy within 15 days	
System Status	
System status on date (mm/dd/yyyy): 8/17/2017	
Compliant – Certificate of Compliance (Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)	Noncompliant – Notice of Noncompliance (See Upgrade Requirements on page 3.)
Reason(s) for noncompliance (check all applicable)  Impact on Public Health (Compliance Component #1) – Imminent the Other Compliance Conditions (Compliance Component #3)  Tank Integrity (Compliance Component #2) – Failing to pro Other Compliance Conditions (Compliance Component #3)  Soil Separation (Compliance Component #4) – Failing to pro Operating permit/monitoring plan requirements (Compliance Compliance Component #3)	) – Imminent threat to public health and safety tect groundwater ) – Failing to protect groundwater rotect groundwater
Property Information Parcel ID# o	
Property address: 16477 23 <sup>rd</sup> St. S St. Mary's Point, MN 55043	r Sec/Twp/Range:14.028.20.24.0030
Property owner:	Reason for inspection: routine
or	Owner's phone: 651-295-7636
Owner's representative:	Representative phone:
Local regulatory authority: Washington County	Regulatory authority phone: 651-430-6655
Brief system description: 2 1000 gallon septic tanks and gravity, roc	
Comments or recommendations:	
While not a compliance criteria, it should be noted that the holding tank alarm wired and the existing setback from the drainfield to the single far	serving the loft in the detached garage needs the high water nily dwelling is approximately 13 feet.
Certification	
I hereby certify that all the necessary information has been gathered to determination of future system performance has been nor can be made possible abuse of the system, inadequate maintenance, or future water	due to unknown conditions during avotom construction
Inspector name: Tom Trooien	Certification number: 323
Business name: All State Septic Services LLC	License number: 1568
Inspector signature: 700 700	Phone number: 612-594-4496
Necessary or Locally Required Attachments  ☑ Soil boring logs ☑ System/As-built drawing	☐ Forms per local ordinance
Other information (list):	





J0Z ,,Z	11 ,76	87	SIL	1/3	PL-200SP
nəd Znill	Head Hano	Flow	agailoV	aн	<b>Folylok</b>
		OF THE STREET,	C.S. C. 457 BROWN SEVEN CO. 14 A P.		
	109 sbi gn94 gnill	Max. Solids Cor Head Handling Leng	Max. Max. Solids Cor Flow Head Handling Leng	Max. Max. Solids Cor Voltage Flow Head Handling Leng	gne-I gnilbneH beeH wolf egsloV TH



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Discharge	DroD Algned	sbilo2 gailbasH	Max. Head			dH	IədrZ
JdN "¾I	.130Z	1/5,,	,67	7.7	SII		PL-SE13T
7" NPT	20ft.	"₹/E	35,	₽Z	IIS	01/4	SL-SE41T
TAN "2	.130Z	"₹/ε	72,	08	SII	1/5	SF-SEIST



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TAN "MI IstnozinoH	.20ft.	.,8/9	108,	SZ	730	τ	SC-EF10WHA
2" Vertical	.110Z	"₹/£	,72,	160	530	I	ol-EF10WA
14" NPT Horizontal	.110Z	"8/S	.ፖ.ረ	Sħ	II2	7/1	5.C-EF05WHA
TAN "2	15ft.	.,†/E	21,	88	SII	1/5	or-eeoswa
TqN "2	15ff.	Þ/E	,L <del>Þ</del>	08	SIL	01/1	PL-EF04WA
Discharge	broD Length	sbilo2 gailbasH	Max. Head	Max. MoH	agailoV		Jolylok
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Discharge	broD dignad	sbilo2 gailbasH	Max. Head	Max. Wolf	9gsiloV	чΗ	IsdeZ
LdN "¼I	10ft.	Filtered Effluent	790,	ΖI	SII	1/5	PL-TE10
IdN "¼I	10ft,	Filtered Effluent	.09I	۲۲	SII	1/5	PL-TE20
IdN "¼I	10ft.	Filtered	110,	35	SII	7/1	PL-TE30

Compliance criteria:		Verification method(s):
System discharges sewage to the	☐ Yes ☒ No	Searched for surface outlet     ■
ground surface.		Searched for seeping in yard/backup in home
System discharges sewage to drain tile or surface waters.	☐ Yes ☒ No	<ul> <li>☑ Excessive ponding in soil system/D-boxes</li> <li>☑ Homeowner testimony (See Comments/Explanation)</li> </ul>
System causes sewage backup into	☐ Yes ☒ No	☐ "Black soil" above soil dispersal system
dwelling or establishment.		System requires "emergency" pumping
Any "yes" answer above indic system is an imminent threat health and safety.		☐ Performed dye test ☐ Unable to verify (See Comments/Explanation) ☐ Other methods not listed (See Comments/Explanation)
Comments/Explanation:		Other methods not listed (See Comments/Explanation
Tank Integrities C "		
Tank Integrity – Compliance of	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
Seepage pits meeting 7080.2550 may be		<ul><li>☑ Examined construction records</li><li>☑ Examined Tank Integrity Form (Attach)</li></ul>
compliant if allowed in local ordinance.		☐ Observed liquid level below operating depth
Sewage tank(s) leak below their designed operating depth.	☐ Yes ☒ No	☐ Examined empty (pumped) tanks(s)
		☐ Probed outside tank(s) for "black soil"
If yes, which sewage tank(s) leaks:		□ HH
If yes, which sewage tank(s) leaks:  Any "yes" answer above indicates:		☐ Unable to verify (See Comments/Explanation) ☐ Other methods not listed (See Comments/Explanation)
If yes, which sewage tank(s) leaks:  Any "yes" answer above indices system is failing to protect gr		☐ Unable to verify (See Comments/Explanation) ☐ Other methods not listed (See Comments/Explanation)
If yes, which sewage tank(s) leaks:  Any "yes" answer above indicates:		
If yes, which sewage tank(s) leaks:  Any "yes" answer above indices system is failing to protect gr		
If yes, which sewage tank(s) leaks:  Any "yes" answer above indices system is failing to protect gr		
If yes, which sewage tank(s) leaks:  Any "yes" answer above indices system is failing to protect gr		
If yes, which sewage tank(s) leaks:  Any "yes" answer above indices system is failing to protect gr		
If yes, which sewage tank(s) leaks:  Any "yes" answer above indices system is failing to protect gr	oundwater.	Other methods not listed (See Comments/Explanation)
If yes, which sewage tank(s) leaks:  Any "yes" answer above indices system is failing to protect grade Comments/Explanation:  Other Compliance Condition	roundwater.	☐ Other methods not listed (See Comments/Explanation)  mponent #3 of 5
If yes, which sewage tank(s) leaks:  Any "yes" answer above indices system is failing to protect grade Comments/Explanation:  Other Compliance Condition  a. Maintenance hole covers are damage.	ns – Compliance con aged, cracked, unsecur to immediately and ad	☐ Other methods not listed (See Comments/Explanation)  mponent #3 of 5  red, or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Unk versely impact public health or safety. ☐ Yes* ☒ No ☐ Unk
If yes, which sewage tank(s) leaks:  Any "yes" answer above indices system is failing to protect grade to pr	ns – Compliance con aged, cracked, unsecur to immediately and ad	☐ Other methods not listed (See Comments/Explanation)  mponent #3 of 5  red, or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Unk versely impact public health or safety. ☐ Yes* ☒ No ☐ Unk
Any "yes" answer above indices system is failing to protect graystem is failing to protect graystem is failing to protect graystem.  Other Compliance Condition  a. Maintenance hole covers are dama b. Other issues (electrical hazards, etc.)  *System is an imminent threat to	ns – Compliance con aged, cracked, unsecur to immediately and ad	☐ Other methods not listed (See Comments/Explanation)  mponent #3 of 5  red, or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Unk versely impact public health or safety. ☐ Yes* ☒ No ☐ Unk
Any "yes" answer above indices system is failing to protect graystem is failing to protect graystem is failing to protect graystem.  Other Compliance Condition  a. Maintenance hole covers are dama b. Other issues (electrical hazards, etc.)  *System is an imminent threat to the system is an imminent threat to the syst	ns – Compliance con aged, cracked, unsecur to immediately and ad a public health and sa	☐ Other methods not listed (See Comments/Explanation)  mponent #3 of 5  red, or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Unk versely impact public health or safety. ☐ Yes* ☒ No ☐ Unk fety.
Any "yes" answer above indices system is failing to protect graystem is failing to protect graystem is failing to protect graystem.  Other Compliance Condition  a. Maintenance hole covers are dama b. Other issues (electrical hazards, etc.)  *System is an imminent threat to	oundwater.  S – Compliance conged, cracked, unsecur to immediately and adapted public health and sa	☐ Other methods not listed (See Comments/Explanation)  mponent #3 of 5  red, or appear to be structurally unsound. ☐ Yes* ☒ No ☐ Universely impact public health or safety. ☐ Yes* ☒ No ☐ Unifety.

Property address: 16477 23rd St. S St. Mary's Point, MN 55043 Inspector initials/Date: TT | 8/17/2017

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Z,, Nb.L	.110Z	anilbneH.	18,	06	SIL	01/4	L-SCSSOT
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Discharge	Cord Length	sbilo2 gailbaeH	xeM beaH	XaM Wolfi	PasiloV	dH	Lolylok
Z" Nb.L	JSft.	٦,,	.91	100	SII	01/ <del>1</del>	PL-EJ04WA
Z" NPT	15ft.	٦,,	54.5′	140	SII	1/5	PL-EJ05WA
2" ANSI Horizontal	20ft.	۲,,	72,	200	730	₹/€	PL-EJ07WA
2" ANSI IstnoxitoH	.1J0Z	۲,,	30,	542	230	I	PL-EJ10WA
2" ANSI IstnozitoH	.130Z	۲,,,	32,	300	230	%I	PL-EJ15WA
2" ANSI IeinoziioH	.130Z	۲,,	,9₹	325	730	7	PL-EJ20WA



"½I	.1102	Macerator	,20I	<b>ħ</b> ħ	730	7	PL-KG2-230A
"%I	.130Z	Macerator	,06	70	SII	7	PL-KG1-115A
Discharge		sbilo2 gailbasH				đН	Label
		datiwe tro	psck F	casi¶ d	iw əsadq ə	re Singl	Grinder Pumps a

More Grinder Pump models available - Call for more information

Property address: 16477 23rd St. S St. Mary's	s Point, MN 55043	Inspector initials/Date:	TT   8/17/2017 (mm/dd/yyyy)
4. Soil Separation - Compliance co	omponent #4 of 5		
Date of installation: 7-1-1993	Unknown	Verification method(s):	
(mm/dd/yyyy)  Shoreland/Wellhead protection/Food beverage lodging?  Compliance criteria:	☐ Yes ⊠ No	Soil observation does not expire. Probservations by two independent particles site conditions have been all requirements differ.	arties are sufficient,
For systems built prior to April 1, 1996, and	⊠ Yes □ No	Conducted soil observation(s) (A	Attach boring logs)
not located in Shoreland or Wellhead	2 100 D 110	☐ Two previous verifications (Attac	
Protection Area or not serving a food, beverage or lodging establishment:		☐ Not applicable (Holding tank(s), no	
Drainfield has at least a two-foot vertical		☐ Unable to verify (See Comments/E	
separation distance from periodically saturated soil or bedrock.		Other (See Comments/Explanation)	15
Non-performance systems built April 1, 1996, or later or for non-performance	☐ Yes ☐ No	Comments/Explanation:	
systems located in Shoreland or Wellhead		B-1	
Protection Areas or serving a food, beverage, or lodging establishment:		0- 23 sandy topsoil	10 YR 3/2
Drainfield has a three-foot vertical		23-48 sand	7.5 YR 4/4
separation distance from periodically saturated spil or bedrock.*		48-72 med/course sand	10 YR 4/4
"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.		× = 8 = 1 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2 = 2	36-42
2350 or 7080.2400 (Advanced Inspector		A. Bottom of distribution media	30-42
License required)		B. Periodically saturated soil/bedrock	*
Drainfield meets the designed vertical separation distance from periodically		C. System separation	30
saturated soil or bedrock.		D. Required compliance separation*	24
Any *no" answer above indicates to failing to protect groundwater.  5. Operating Permit and Nitrogen		*May be reduced up to 15 percent it Ordinance.  nce component #5 of 5	f allowed by Local  Not applicable
Is the system operated under an Operating	Permit?	s 🛮 No If "yes", A below is requi	red
Is the system required to employ a Nitroge		s 🛮 No If "yes", B below is requi	
BMP = Best Management Practice(s)	1000		
If the answer to both questions is "r			
Compliance criteria			
a. Operating Permit number: n/a			
Have the Operating Permit requirement	ents been met?	Yes No	
b. Is the required nitrogen BMP in place		ng?	
Any "no" answer indicates Nonc			
Upgrade Requirements (Minn. Stat. § 115.55 discontinued within ten months of receipt of this ground water, the system must be upgraded, rep is not failing as defined in law, and has at least this use discontinued notwithstanding any local of	notice or within a shorter placed, or its use disconting wo feet of design soil sep	period if required by local ordinance. If the s nued within the time required by local ordina aration, then the system need not be upgra	system is failing to protect ance. If an existing system ded, repaired, replaced, or

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Wellhead Protection Areas, or those used in connection with food, beverage, and lodging establishments as defined in law.





.430Z	"C/L	24,	84	SII	E/I	PL-200SP
18uot S	uiipueH	рван	MODE	98eno v	in the	τοιλιοις
Cord	sbilo	.xeM	.xeM		4111	statuta
	g rengt	bro2 sbilo2 tgn9A gnilbnsH	Max. Solids Cord Head Handling Lengt		Yoliage Flow Head Handling Lengt	Bnol gnilbneH beoH wolf agelloV 9H



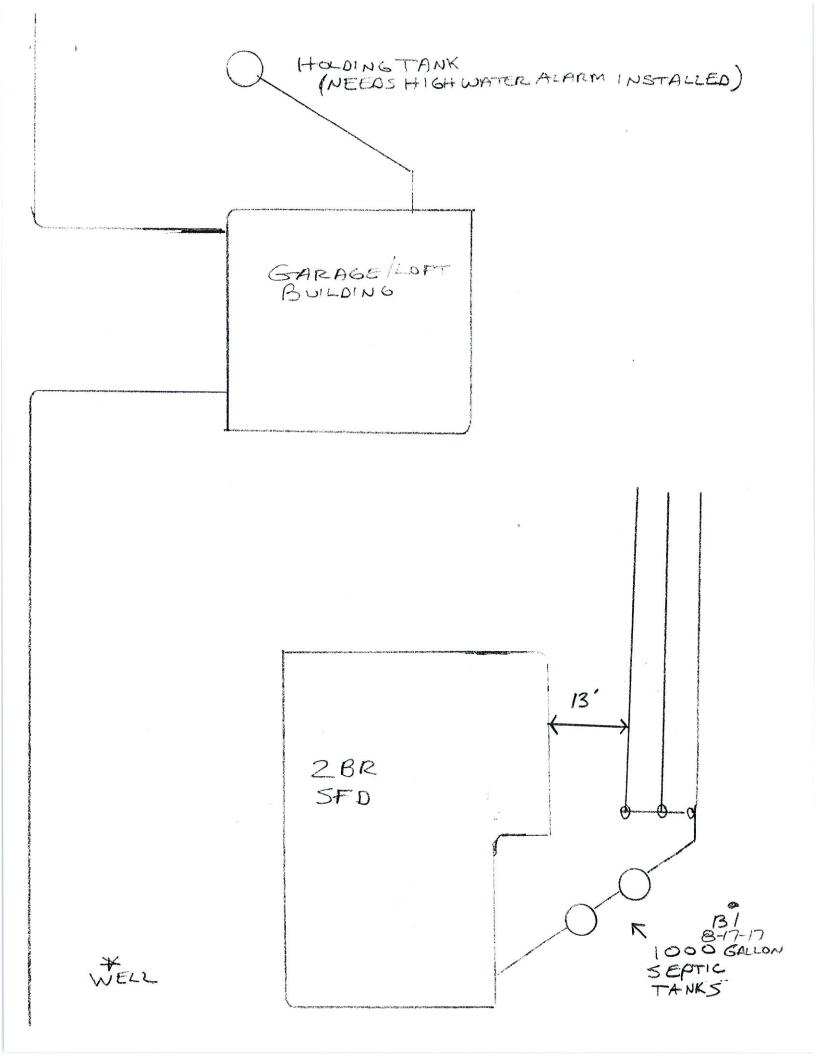
		HOHME IPO	LI Napa	(99, 1 11	ITAA DEBIT T D	91110 311	Ettluent Pumps
Discharge	Cord Length	sbilo2 gnilbneH	Max. Head	Max. Wolf	SgetloV	МЬ	Zabel
IdN "¾I	.130Z	1/5,,	,67	7.7	SII		PL-SE13T
J., Mb.L	.430Z	"₹/£	35,	₽Z	SII	01/4	PL-SE41T
7" NPT	.110Z	3\4″.	72,	08	SII	1/5	PL-SE12T



erine worden		oat Switch	hpsck Fl	BSiT di	iw əsadT ə	gni2 916	Ettluent Pumps
Discharge	Cord Length	sbilo2 gailbasH	.xeM Head	XaM WoH	Voltage	aiH	Lolylok
TAN "2	15ft.	.,†/E	,I <del>†</del>	08	SIL	01/4	PL-EF04WA
TAN "2	:HST	.,†/E	· ,IS	88	SII	1/5	PL-EF05WA
14", NPT Horizontal	20ft.	"8/S	2۲,	S₹	II2	1/5	PL-EF05WHA
2" Vertical	.130Z	"₹/E	,72,	160	730	I	PL-EF10WA
TAN "WI IstnoziroH	.130Z	8/9	,801	SZ	530	I	PL-EF10WHA



Discharge	Cord Length	ebilo2 gnilbneH	Max. Head	Max. Flow	9gsiloV	dH	IsdaS
IdN "¼I	10ft.	Filtered Effluent	,097	ΖI	SII	7/1	PL-TE10
IdN "¼I	10ft.	Filtered Effluent	,09I	. 27	SII	7/1	PL-TE20
IdN "¼I	10ft.	Filtered Filtered	110,	35	SII	7/1	PL-TE30







Discharge	Cord Length	sbilo2 gailbasH	Max. Head	.xsM Wolfi	9gailoV	dΗ	JadeJ
TqN "2	20ft.	7,,	18,	06	SII	01/4	SF-SC22OL
TdN "2	Z0ft.	۲"	55,	150	SII	Z/I	PL-SC65OT



		nat Switch	psck Fl	h Piggy	tiw əsedd e	olgni2 ore	Sewage Pumps
əgıshəsiU	broD dignad	sbilo2 gailbasH	XeM Head	.xsM woH	Voltage	HF	Polylok
Z" NPT	15ft.	٦,,	.91	100	SII .	0I/ħ	PL-EJO4WA
Z" NPT	15ff.	5,,	Σ₹'2,	140	SIL	1/5	PL-EJ05WA
ISNA "2 Horizontal	20ft.	٦,,	72,	700	730	₹/£	FL-EJ07WA
2" ANSI Horizontal	.130Z	۲,,	30,	245	730	Ţ	PL-EJ10WA
2" ANSI IstnozitoH	20ft.	۲,,	32,	300	730	%I	PL-EJ15WA
2" ANSI Horizontal	. 20ft.	7,,7	42,	325	230	7	PL-EJ20WA



Discharge	Cord Length	sbilo2 gnilbneH	Mead Head	Max. Flow	9gailoV	dH	Label
"%I	.410Z	Macerator	,06	70	SII	7	PL-KG1-115A
"1/1I	.110Z	Macerator	,Z0I	<b>7</b> 7	730	7	PL-KG2-230A

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