Midwest Sewer Services

P.O. Box 10853 White Bear Lake, MN 55110

Brian Humpal

651-492-7550/Brian@Midwestsoiltesting.com

MPCA Licensed Advanced Inspector

SUBSURFACE SEWAGE TREATMENT SYSTEM (SSTS) COMPLIANCE REPORT

Date: June 18, 2024 **Time:** 2:30 PM Owner: Linda Wing

Inspection Address: 12192 Parade Ave N, May Twp, MN 55082

REPORT SUMMARY

I have performed an "MPCA Compliance Inspection" on this system and have reviewed the original design/permit records, along with a previous compliance inspection from 2011, which were on file at Washington County. This system (installed in 1993) consists of a pre-cast septic tank, a pre-cast lift tank, a rock trench drainfield. A portion of the drainfield was installed in natural soils, with the remainder installed in sandy fill soils, similar to a mound. Pinky's Sewer Service pumped the septic tank on June 18, 2024.

Although not a compliance criteria, it should be noted that the lift tank manhole cover is buried. I recommend extending this cover to the ground surface to facilitate easier access and proper maintenance of the lift pump. In addition, it should be noted that the lift pump electrical box is damaged and should be repaired to reduce the potential for problems.

Predicated on my inspection of the system and my review of the records, it is my opinion that this system presently meets MPCA minimum compliance inspection requirements.

Midwest Sewer Services have been hired to perform a compliance inspection of this SSTS for compliance with local ordinances pursuant to Minn. Stat. § 115.55 (2013). This compliance inspection covers only the criteria required by Minn. Stat. § 115.55 Subd. 5a (2013) and Minn. R. 7080.1500 (2011). A compliance inspection is an indication of the current compliance status of the system and does not guarantee the performance or longevity of this system beyond the date of inspection, as it is impossible to determine the future performance of any system. Midwest Sewer Services disclaim any use of this compliance inspection beyond determining SSTS compliance pursuant to Minn. Stat. § 115.55 Subd. 5a (2013) and Minn. R. 7080.1500 (2011).

Please contact me should you have any questions.

Mar 1/h Brian Humpal Christopher

Brian Humpal

Uebe



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

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf.

Property information	Local tracking	number:
Parcel ID# or Sec/Twp/Range:	Reason for Inspection	Property Transfer
Local regulatory authority info: Washington County	·	
Property address: 12192 Parade Ave N, May Twp, MN 55082		
Owner/representative: Linda Wing/John Mullen (Buyer)		Owner's phone: 651-900-4507
Brief system description: A pre-cast septic tank, a pre-cast lift ta natural soils, with the remainder installed		
System status		
System status on date (mm/dd/yyyy): _6/18/2024		
☐ Compliant – Certificate of compliance*	☐ Noncompliant – Notice	ce of noncompliance
(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and		und water must be upgraded, replaced, or me required by local ordinance.
abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.) *Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not	upgraded, replaced, or its use	health and safety (ITPHS) must be e discontinued within ten months of receipt ter period if required by local ordinance or vision 8.
guarantee future performance.	1.3	
Reason(s) for noncompliance (check all applicab	•	
Impact on public health (Compliance component #1) – Immir	·	nd safety
Tank integrity (Compliance component #2) – Failing to protect	-	polith and actaty
Other Compliance Conditions (Compliance component #3) —	· · · · · · · · · · · · · · · · · · ·	-
☐ Other Compliance Conditions (Compliance component #3) — System not abandoned according to Minn. R. 7080.2500 (Co		
Soil separation (Compliance component #5) – Failing to prote		-alling to protect groundwater
Operating permit/monitoring plan requirements (Compliance	-	iant local ordinance applies
	component #4) – Noncompi	iant - local ordinance applies
Comments or recommendations		
Although not a compliance criteria, it should be noted that the lift cover to the ground surface to facilitate easier access and proper that the lift pump electrical box is damaged and should be repair	er maintenance of the lift pun	np. In addition, it should be noted
Certification		
I hereby certify that all the necessary information has been gathered to future system performance has been nor can be made due to unknow inadequate maintenance, or future water usage.		
By typing my name below , I certify the above statements to be true used for the purpose of processing this form.	and correct, to the best of my l	knowledge, and that this information can be
Business name: Midwest Sewer Services		Certification number: 5342/9852
Inspector signature: Brian Humpal Home		License number: L2896
(This document has been electronically sign	ned)	Phone: 651-492-7550
Necessary or locally required supporting do	cumentation (must b	e attached)
Soil observation logs	uired forms 🛛 Tank Integri	ity Assessment
$oxed{\boxtimes}$ Other information (list): Report Summary, Property Informat	ion, Disclaimer	

npact on public health – Co	ompliance comp		
Compliance criteria:	Dyes* Mas	Attached supporting documentatio	n:
System discharges sewage to the ground surface	☐ Yes* ⊠ No	☐ Other: ☐ Not applicable	
System discharges sewage to drain tile or surface waters.	☐ Yes* ⊠ No		
System causes sewage backup into dwelling or establishment.	☐ Yes* ⊠ No		
Any "yes" answer above indicates imminent threat to public health an			
Describe verification methods and			
None of the above found.			
which cutter. Counties		a.f.r.	
nk integrity – Compliance	component #2		n:
Compliance criteria: System consists of a seepage pit,	component #2	of 5 Attached supporting documentatio ⊠ Empty tank(s) viewed by inspector	n:
Compliance criteria:	· 	Attached supporting documentatio	
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their	· 	Attached supporting documentatio ☑ Empty tank(s) viewed by inspector	Pinky's Sew Service
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	Yes* ⊠ No	Attached supporting documentatio ⊠ Empty tank(s) viewed by inspector Name of maintenance business:	Pinky's Sewo
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their	Yes* ⊠ No	Attached supporting documentation ⊠ Empty tank(s) viewed by inspector Name of maintenance business: License number of maintenance business	Pinky's Sew Service ess: L1673 6/18/2024
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their	Yes* ⊠ No	Attached supporting documentatio ☑ Empty tank(s) viewed by inspector Name of maintenance business: License number of maintenance businest of maintenance: ☐ Existing tank integrity assessment (Attached)	Pinky's Sew Service ess: L1673 6/18/2024
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth? If yes, which sewage tank(s) leaks: Any "yes" answer above indicates.	Yes* ⊠ No Yes* ⊠ No	Attached supporting documentatio ☑ Empty tank(s) viewed by inspector Name of maintenance business: License number of maintenance businest of maintenance: ☐ Existing tank integrity assessment (Attached)	Pinky's Sew Service ess: L1673 6/18/2024 ach)
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth? If yes, which sewage tank(s) leaks:	Yes* ⊠ No Yes* ⊠ No	Attached supporting documentation Empty tank(s) viewed by inspector Name of maintenance business: License number of maintenance business: Date of maintenance: Existing tank integrity assessment (Attached Date of maintenance (mm/dd/yyyy): (See form instructions to ensure assess Minn. R. 7082.0700 subp. 4 B (1)) Tank is Noncompliant (pumping not necessity)	Pinky's Sewing Service ess: L1673 6/18/2024 ach) nin three years) esment complies with the service of the s
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth? If yes, which sewage tank(s) leaks: Any "yes" answer above indicates.	☐ Yes* ☑ No ☐ Yes* ☑ No ☐ Yes* ☑ No ☐ ates the system er.	Attached supporting documentation Empty tank(s) viewed by inspector Name of maintenance business: License number of maintenance busines of maintenance: Existing tank integrity assessment (Attached Date of maintenance (mm/dd/yyyy): (must be with the common of the c	Pinky's Sewing Service ess: L1673 6/18/2024 ach) nin three years) esment complies was

https://www.pca.state.mn.us wq-wwists4-31b • 4/28/2021

siness Name: Midwest Sewer Services	Date: 6/18/2024
	Date. <u>0/10/2024</u>
Other compliance conditions. Compliance company #2 of F	
Other compliance conditions – Compliance component #3 of 5	
3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or ur	secured?
☐ Yes* ☐ No ☐ Unknown	
3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or sa	fety? ☐ Yes* ☑ No ☐ Unkno
*Yes to 3a or 3b - System is an imminent threat to public health and safety.	
3c. System is non-protective of ground water for other conditions as determined by inspector?	☐ Yes* ☒ No
3d. System not abandoned in accordance with Minn. R. 7080.2500?	☐ Yes* No
*Yes to 3c or 3d - System is failing to protect groundwater. Describe verification methods and results:	
Describe vernication methods and results:	
Attached supporting documentation: Not applicable	
Operating permit and nitrogen BMP* – Compliance component #4	01 5 ⊠ Not applicable
Is the system operated under an Operating Permit? ☐ Yes ☐ No	If "yes", A below is requir
Is the system required to employ a Nitrogen BMP specified in the system design? ☐ Yes ☐ No	If "yes", B below is requir
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 complete	ted.
Compliance criteria:	
a. Have the operating permit requirements been met? ☐ Yes ☐ No	
b. Is the required nitrogen BMP in place and properly functioning? ☐ Yes ☐ No	
Any "no" answer indicates noncompliance.	
Describe verification methods and results:	

siness Name: Midwest Sewer Services		Date: <u>6/1</u>	8/2024
Soil separation – Compliance com	nponent #5 o	f 5	
Date of installation 1993 (mm/dd/yyyy)	Unknown		
Shoreland/Wellhead protection/Food beverage lodging?	⊠ Yes □ No	Attached supporting documentation: ☐ Soil observation logs completed for the ☐ Two previous verifications of required	
Compliance criteria (select one): 5a. For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment: Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*	 ☐ Not applicable (No soil treatment area ☐ Reviewed previous compliance inspet Reviewed design and permit records.)
5b. 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: Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*	⊠ Yes □ No*	Indicate depths or elevations A. Bottom of distribution media B. Periodically saturated soil/bedrock C. System separation D. Required compliance separation* *May be reduced up to 15 percent if allo Ordinance.	See Attached Boring Log(s)
5c. "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080. 2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day) Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No*		

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.

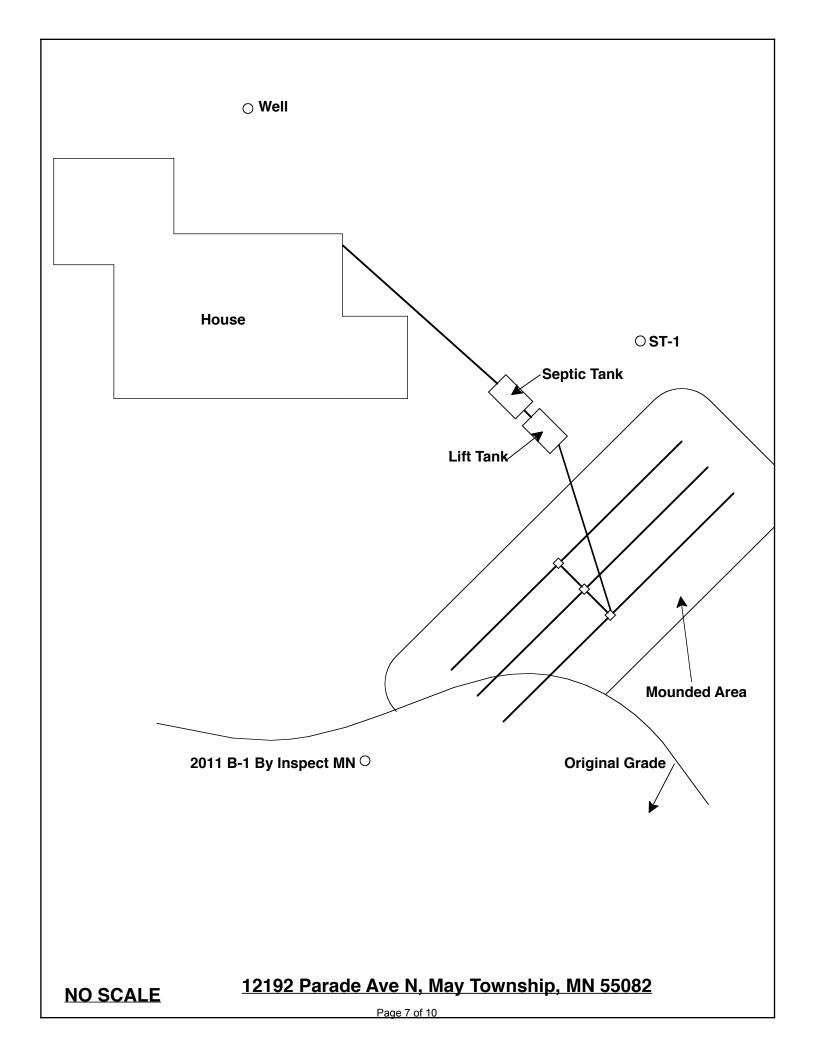
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Describe verification methods and results:

Midwest Sewer Testing Subsurface Sewage Treatment System Owner/Property Information This information will be used for the purpose of conducting an MPCA Compliance Inspection.

This information will be used for the purpose of conducting an information	Compilance inspection.
Date of Inspection: June 18, 2024	Time: 2:30 PM
Property Address: 12192 Parade Ave N, May Twp, MN	Zip: 55082
Property Owner: Linda Wing	Phone:
Tank(s) Tank(s)Material Soil Treatment System Septic 1 Fiberglass Rock trench Aerobic Plastic Gravelless trench Lift Metal Chamber trench Holding Concrete Seepage bed Other: Block Mound (Partial) Other At-grade	Other Alternative system Experimental system Cesspool system Other system
Are the tank maintenance covers accessible? ☐ Yes ☐ No *If	
performed through the maintenance holes. Maintenance hole cover	
the ground surface to facilitate access and proper maintenance of	the system.
Year house built: 1993 Year septic installed: 1993	Tank size (gals.): 1250
How long has seller owned the property? Number of re	esidents in home?
Number of bedrooms? 4 Are all floors drained by g	ravity? Y
Garbage disposal? N Whirlpool bath?	Υ
More than one system (laundry, etc.)? N	
Does this property have any footing drain tiles connected to the se	eptic system? N
Are any buildings on this property such as garages or out-building	gs connected to this system? N
Are there any additional systems on this property serving other bu	ildings? N
Location of septic system on lot? South Side	
Location of water well on lot? Northeast Side	e well a deep well? Y
Have you ever experienced any problems with the system such as surfacing of sewage onto the ground, septic tank overflowing, etc. to the system? If yes, explain:	
	nper: Pinky's Sewer Service
	n on a monitoring plan?
Have you received notices from any government agency concerning	ng this system?
Is your property located in a shoreland management area? Y	
Do you have any additional information that should be given to the	e new owner?
I hereby certify that the above information is correct to the best of my knowledge considered "non-compliant/failing" per MPCA rules, that the inspector must by local government unit within 15 days of the date of inspection completion. I al this report, that I/we are ultimately responsible for payment of all fees for all we by Inspect Minnesota and Midwest Soil Testing	law submit a copy of this report to the so agree that unless otherwise noted in
Owner/Occupant:	Date:



Soil Observations Log

Loca	tion of Project:	12192 Parade A	ve N,	May T	wp, MN 55	082
Observa	tions Made By:	Midwest Sewer	Servic	es	Date:	6/18/2024
Classific	cation System:	USDA				
So	il Observation:	ST-1	S	oil Obs	servation:	
Surface Elevation Observati	of 45" below t	op of mound on al countour	Surf Elevat Obser	ion of		
In I	Soils E	ncountered	In Inches	Rock %	<u>Soils</u>	<u>Encountered</u>
0-8 8-12	10YR 2/2 Loa	Loamy Fine Sand amy Fine Sand With A 10YR 6/2 Redox				
8" Dep	oth To End Of Soil Obs	servation Or Redox		Depth T	o End Of Soil C	Observation Or Redox
+45" Elev	vation Of Observation	Below Top Of Mound		Elevatio	n Of Observati	on Relative To System
	pth To Bottom O	f Distribution Medi		Depth	To Bottom	Of Distribution Medi
=32" Of	Separation			Of Sep	paration	
1000	01 1: 4:	"	06.6	01	,. <u>a.</u> I	
	Observation At:	12" 8"			rvation At:	
	oil Conditions At:	_			nditions At:	
randing W	/ater Present At:	None	muing	water i	Present At:	

Signature:	14	- 1/.]
:om Of Distributi	on Medium A	at: 21 Inches	
er Present At.	ivone	inding water Present	. At:

Log Of Soil Borings

Locat	ion of Project:	12192 Parade Ave N	I. Mav Tow	nship, MN 55082	
		Inspect Minnesota	, ,	Date:	5/20/11
	Auger Used: Hand/Bucket Classification System:			USDA	
B	Boring Number: 1			Boring Number:	
Surface		100.80'	Surface		
Flevation of		: 100.80'	Elevation		
Boring		ith corner of house	Boring	OI	
Depth In	Sidiliy at Sot	itii corrier or nouse	Depth In		
Inches	Soils Er	ncountered	Inches	Soils Er	ncountered
0-12	7 EVD 1	2.5/3 Loam	Inches		
12-20		Loamy Sand			
		V Sand, Trace Gravel			
		Sand, Trace Gravel			
41-51		dium-Coarse Sand			
		v Fine-Medium Sand			
	With Silt	Layers And			
	7.5YR 5/8 &	10YR 6/2 Redox			
100.35' El	evation To Botto	- Of Desirefield		Elevation To Botton	of Desire
	evation to Botto epth To Redox	III OI DI'allifleld		Depth To Redox	II OI DI'allillelo
=3.8'/46" Of				Of Separation	
-5.0740 [0]	Separation			OI Separation	
Fi	nd Of Boring At:	66"		End Of Boring At:	
	dox Present At:	51"/96.55'		Redox Present At:	
	ater Present At:	None	Standing	Water Present At:	
Juniding W	ater rresent At.	I WOITE	Scaliding	water i resent At.	

Bottom Of Distribution Medium At: 21"/Elevation 100.35'

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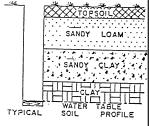
-SOIL BORINGS-

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



" 1:5. . 42 .22"

Auger corings: (Cohame: 3/37 (Cooded Lot)

LOG OF SOIL BORINGS

BOR	ING NO. 1		ING NO.	BORI	NG NO. 3	BORI	NG NO.
FEET	DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	OEPTH IN FEET	SOIL DESCRIPTION
1/2	Grayich Brown	0	-rayish brown Loamy Sand	0	Grayish Frown	0	Jawyish Brow Loudy an San
1/2	Sandy Loam	1/2	Light brown	1/2	Loamy Sand	1/2	_rown
11/2	litown '	11/2	Loany Cand		Loamy Sand	T	Diown
2	Sandy Loan	11/2	Fown	11/2	arown	11/2	Loany Sand
21/2	Pale Erown	2 1/2	Jandy Loan	2	Sandy Loan	2	
3	Fn Santy Load	3		21/2	Sand	21/2	.iark
31/2	Mottling	31/2	rown	3 1/2		3	srown
4	Depth: 30"	4	Jand.	4	Light	31/2	:and
41/2		41/2	Loamy Sand	41/2	Brownish	4	
5		5	hottling	5	Gray	41/2	Light
51/2	İ	51/2	Depth: 48"	51/2	}	51/2	Frown
6	1 1	6	1	6		6	
61/2		61/2	i	61/2	Sand	61/2	
7	!	7	[7		7	Sand
71/2		71/2	(71/2		71/2	
81/2	-	8	. [8	Gray Sand	8	
9		8 1/2		81/2	Mottling	81/2	Nottling Depth: 54"
		9		9	Depth: 36"	9 ;	

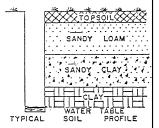
-SOIL BORINGS-

Soil borings are made in order to determine the type, and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



Numer corlama: P Johnson 3/37 (Joeded Lot)

LOG OF SOIL BORINGS

BOR	ING NO.	EOR	ING NO 6	BORI	NG NO. 7	BORI	VG NO.
DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	OEPTH IN FEET	SOIL DESCRIPTION
0	Irayish Erown Loany En Sand	0	Jraylah Brown Loany Sand	0	Graylan brown Loamy Ph Jand	0	Frayish trown
1/2	Fravish Brown	1/2	Gray .	1/2	Gravish Frown	1/2	Sandy Loam
1	Loany Sant	1	Sandy Loan	T		1	Light Brown
11/2	Lrown	11/2	Sandy Lord	11/2	Loany Jand	11/2	Sandy Loam
2]	2	Crav	2	:rown	2	arown
21/2] .	21/2	En Sandy Loam	21/2		21/2	In Sandy Loan
3	Loamy Sand.	3	Mottlins	3	Loa.av	3	Lark
31/2	Sand	31/2	Depth: 12"	31/2	Sand,	31/2	Erown Loamy Sand,
4	1	4		4	Sand	4	Sand
41/2]	41/2		41/2		41/2	Silt Loam
5		5	Ì	5	•	5	4.1124
51/2		5 1/2	1	51/2		51/2	Mottling Depth: 54"
6	1	6	·	6	Ī	6	
61/2]	61/2	I	61/2]	51/2	
7	1	7]	7	1	7	
71/2	_	71/2]	71/2	Ĭ	71/2	1
8	1	8	<u>.</u>	8		8	l a s
81/2		8 1/2] -	81/2	Ì	81/2	T
9	1.	9]	9	1	9	

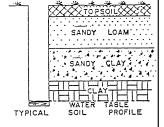
-SOIL BORINGS-

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



Augus Boring: a Johnson 3/17 (spoiled Lot)

LOG OF SOIL BORINGS

	_	.06	OF SOIL	2011			
BOR	NG NO.	BOR	ING NO.	BORI	NG NO.	BORI	NG NO.
OEPTH IN FEET	SOIL DESCRIPTION	DEPTH IN FEET	SOIL DESCRIPTION	CEPTH IN FEET	SOIL DESCRIPTION	OEPTH IN FEET	SOIL DESCRIPTION
0	Hlack	0		0		0	
1/2	Silt	1/2		1/2		1/2	
1	Loam]	1	·	- 1	
11/2	Gray	11/2	Ì	11/2		11/2	
2	Silt Loan	2		2		2	
21/2		21/2	1	21/2		21/2	
3	.ottlin:	3	1	3		3	! :
31/2	Depth: 12"	31/2	1	31/2		31/2	
4	Water: 23"	4	}	4		41/2	
41/2	1	41/2	1	41/2		5	
5	-	51/2	ł	51/2		51/2	•
51/2	-	6		6		6	1
61/2	-{	61/2	1 .	61/2		61/2	(
7	+	7	†	7		7	i
71/2	┪	71/2	1	71/2	i	71/2	1
8	1	8	1	8		8	1
81/2	1	81/2	i	81/2		81/2	1
9	7	9	1	9	1	9	



DISCLAIMER

Brian L. Humpal, Inc. dba. Midwest Sewer Services, Inspect Minnesota, Midwest Soil Testing Relative to Subsurface Sewage Treatment System (SSTS) Compliance Inspections

- 1. This inspection/report is being performed for only the seller/owner of the property on which the SSTS is located. In such case that another party is paying for the inspection, the contract is between only said party and Brian L. Humpal, Inc.; there is no contract between Brian L. Humpal, Inc. and any other party unless otherwise noted.
- 3. Brian L. Humpal, Inc. has not been retained to warranty, guarantee, or certify the proper functioning of the SSTS for any period of time beyond the date of inspection or into the future. Because of the numerous factors (usage, maintenance, soil characteristics, previous failures, etc.) which may affect the proper operation of an SSTS, as well as the inability of Brian L. Humpal, Inc. to supervise or monitor the use or maintenance of the SSTS, the report shall not be construed as a warranty by Brian L. Humpal, Inc. that the SSTS will function properly for any particular party for any period of time.
- 4. Brian L. Humpal, Inc. is unable to verify the frequency and/or, quality of prior or future maintenance of the SSTS. Maintenance of the tank(s) must be performed through the tanks maintenance hole. The removal of solids from any location other than the maintenance hole is not a compliant method of maintenance. It is strongly recommended that maintenance covers be made accessible to the ground surface to facilitate proper maintenance.
- 5. Minimum Compliance Inspection requirements relative to this inspection and this report include <u>only</u> verification that the SSTS has tank(s) (septic tanks, lift tanks, dosing tanks, stilling tanks, etc.) which are watertight below the designed operating depth, the required separation between the bottom of the subsurface soil distribution medium and seasonally saturated soils, no back-ups of sewage into the dwelling, no discharge of sewage/effluent to the ground surface or surface waters, and no imminent safety hazards. Brian L. Humpal, Inc. does not inspect plumbing or pumps prior to the first SSTS component as these are plumbing components. The performance of exterior pumps and associated components are not inspected as they are considered to be maintenance items. Additionally, no indications relative to compliance with electrical code requirements have been made. It is recommended that any other applicable plumbing, electrical, housing, etc. inspections be performed by a qualified inspection business. Sewage back-up verification is limited to observing the floor drain area and/or the information supplied by the last occupants of the building prior to inspection. Brian L. Humpal, Inc. cannot guarantee that the information given to them by the last occupants of the building prior to inspection relative to back-ups is accurate.
- 4. Certification of this SSTS does not warranty future use beyond the date of the inspection. Any SSTS, old or new, can become hydraulically overloaded or discharge sewage/effluent to the ground surface as a result of more people moving into the house than were previously occupying the house, improper maintenance, heavy usage, leaking plumbing fixtures, groundwater infiltration, tree roots, freezing conditions, surface drainage problems, poor initial design, poor construction practices, or unsuitable materials used in constructing the system; the system can also simply stop working because of its age. An SSTS that has been properly designed and installed, properly maintained, and used in the manner for which the system was designed can be expected to provide service for twenty to twenty-five years on average. Some parts of the SSTS such as alarms, switches, pumps, filters, etc. will most likely have to be repaired or replaced over the lifetime of the system.
- 5. A Compliance Inspection is not meant to be a test or inspection for longevity of the system; a Compliance Inspection is strictly for the purpose of determining if the SSTS is protective of public health and safety, as well as the groundwater at the date and time the inspection was performed. This inspection is not intended to determine if the SSTS was originally designed or installed to past or present MPCA or other Local Government Unit code requirements. This inspection is not intended to determine if the SSTS was designed and/or installed to support the anticipated flow from the building as the use of the building may have changed since the design and construction of the SSTS due to the addition of bedrooms, occupants, etc. In addition, this inspection is not intended to determine the quality of the original SSTS design, the quality of the construction practices used while installing the SSTS, or the quality of the materials used in constructing the SSTS.
- 6. Brian L. Humpal, Inc. cannot guarantee the performance of SSTS products/components such as: gravelless pipe, chamber trenches, effluent filters, tanks, sewage pre-treatment components, piping, etc. Products such as gravelless pipe are no longer approved for installation in the State of Minnesota and may have a significantly reduced performance and/or life expectancy.
- 7. WINTER WORK: By accepting this report, it is understood that inspections conducted during winter months (approximately November 1st through April 1st) are more difficult to perform because of possible snow cover and/or ground frost. SSTS components such as tanks, maintenance covers, tank inspection pipes, subsurface distribution medium inspection pipes, and soil treatment areas are more difficult or impossible to locate due to snow cover and/or ground frost. In addition, soil borings are more difficult to perform due to snow cover and/or ground frost. Brian L. Humpal, Inc. will attempt to use the same level of standards when performing work during winter periods as when performing work during non-winter periods. However, the recipient of this report understands that because of the aforementioned considerations, the same level of standards may not be possible.
- 8. By accepting this report, the client understands that Brian L. Humpal, Inc. will not be responsible for any monetary damages exceeding the fee for the services provided.