### **Midwest Sewer Services**

P.O. Box 10853 White Bear Lake, MN 55110 651-492-7550/Brian@Midwestsoiltesting.com

Brian Humpal MPCA Licensed Advanced Inspector

### SUBSURFACE SEWAGE TREATMENT SYSTEM (SSTS) COMPLIANCE REPORT

**Inspection Address:** 13549 Point Douglas Dr S, Denmark Twp, MN 55033

#### **REPORT SUMMARY**

I have performed an "MPCA Compliance Inspection" on this system and have reviewed the original design/permit records on file at Washington County. This system (installed in 2001) consists of a pre-cast septic tank, a pre-cast septic/lift tank, and a gravelless trench drainfield. Schlomka Services pumped the tanks on January 9, 2024.

Although not a compliance criterion, the Minnesota Pollution Control Agency no longer approves graveless pipe for installation in the State of Minnesota, and we have had experience with this product having significantly reduced performance and/or life expectancy. We cannot guarantee the performance of this system beyond the compliance date (1/9/2024).

Predicated on my inspection of the system and my review of the original design/permit records, it is my opinion that this system <u>presently meets</u> 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.

Christopher Uebe

Brian Humpal

Brian Humpal



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 <a href="https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf">https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf</a>.

Property information	Local tracking number:
Parcel ID# or Sec/Twp/Range:	Reason for Inspection Property Transfer
Local regulatory authority info: Washington County	
Property address: 13549 Point Douglas Dr S, Denmark Twp, N	MN 55033
Owner/representative: Robert Dreher	Owner's phone: 651-800-0986
Brief system description: A pre-cast septic tank, a pre-cast septi	ic/lift tank, and a graveless trench drainfield.
System status	
System status on date (mm/dd/yyyy): 1/9/2024	
	☐ Noncompliant – Notice of noncompliance
(Valid for 3 years from report date unless evidence of an	Systems failing to protect ground water must be upgraded, replaced, or
imminent threat to public health or safety requiring removal and	use discontinued within the time required by local ordinance.
abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)	An imminent threat to public health and safety (ITPHS) must be
*Note: Compliance indicates conformance with Minn.	upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance or
R. 7080.1500 as of system status date above and does not	under section 145A.04 subdivision 8.
guarantee future performance.	Ja)
Reason(s) for noncompliance (check all applicab	•
☐ Impact on public health (Compliance component #1) – <i>Immii</i> ☐ Tank integrity (Compliance component #2) – <i>Failing to prote</i>	
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 prot	
☐ Operating permit/monitoring plan requirements (Compliance	component #4) – Noncompliant - local ordinance applies
Comments or recommendations	
Although not a compliance criterion, the Minnesota Pollution Co in the State of Minnesota, and we have had experience with this expectancy. We cannot guarantee the performance of this systematical systems of the complex of the comp	s product having significantly reduced performance and/or life
Certification	
	to determine the compliance status of this system. No determination of wn conditions during system construction, possible abuse of the system,
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 knowledge, and that this information can be
Business name: Midwest Sewer Services	Certification number: 5342/9852
Inspector signature: Brian Thumpal (After Vi	License number: L2896
(This document has been electronically sign	ned) Phone: 651-492-7550
Necessary or locally required supporting do	cumentation (must be attached)
Soil observation logs System/As-Built □ Locally rec	quired forms 🛛 Tank Integrity Assessment 🔲 Operating Permit
☐ Other information (list): Report Summary, Property Information	
	·

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npact on public health – Co	ompliance comp		
Compliance criteria:		Attached supporting documentation	:
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 as			
Describe verification methods and	l results:		
installation in the State of Minnesota and/or life expectancy. We cannot di		nce of this system beyond the compliance date (	
and/or life expectancy. We cannot gu		nce of this system beyond the compliance date (	119/2024).
	uarantee the performa		,
and/or life expectancy. We cannot guestic the compliance criteria:  System consists of a seepage pit,	uarantee the performa	of 5	,
and/or life expectancy. We cannot gu ank integrity – Compliance Compliance criteria:	e component #2	of 5 Attached supporting documentation	,
and/or life expectancy. We cannot guard in the series of a seepage pit, cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their	e component #2	of 5  Attached supporting documentation  ⊠ Empty tank(s) viewed by inspector	: Schlomk
and/or life expectancy. We cannot guard in the series of a seepage pit, cesspool, drywell, leaching pit, or other pit?	e component #2	of 5  Attached supporting documentation  ⊠ Empty tank(s) viewed by inspector  Name of maintenance business:  License number of maintenance busines  Date of maintenance:	Schlomk ss: <u>L2989</u> 1/9/2024
and/or life expectancy. We cannot guard in the series of a seepage pit, cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their	e component #2	of 5  Attached supporting documentation  ☑ Empty tank(s) viewed by inspector  Name of maintenance business:  License number of maintenance busines	Schlomk ss: <u>L2989</u> 1/9/2024
and/or life expectancy. We cannot guard in the series of a seepage pit, cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their	e component #2	of 5  Attached supporting documentation  ⊠ Empty tank(s) viewed by inspector  Name of maintenance business:  License number of maintenance busines  Date of maintenance:	Schlomk ss: <u>L2989</u> <u>1/9/2024</u> th)
and/or life expectancy. We cannot guard integrity — Compliance  Compliance criteria:  System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?  Sewage tank(s) leak below their designed operating depth?	e component #2	of 5  Attached supporting documentation  ☑ Empty tank(s) viewed by inspector  Name of maintenance business:  License number of maintenance busines  Date of maintenance:  ☐ Existing tank integrity assessment (Attach	Schlomka ss: <u>L2989</u> <u>1/9/2024</u> sh)
and/or life expectancy. We cannot guard integrity — Compliance  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.	e component #2	of 5  Attached supporting documentation  ☑ Empty tank(s) viewed by inspector  Name of maintenance business:  License number of maintenance busines  Date of maintenance:  ☐ Existing tank integrity assessment (Attact  Date of maintenance  (mm/dd/yyyy): (must be within)  (See form instructions to ensure assessment)	Schlomk SS: L2989 1/9/2024 Sh) In three years

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Pro	pperty Address: _13549 Point Douglas Dr S, Denmark Twp, MN 55033	
Bus	siness Name: Midwest Sewer Services	Date: 1/9/2024
3.	Other compliance conditions – Compliance component #3 of 5	
	3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or uns	ecured?
	☐ Yes* ☒ No ☐ Unknown	
	3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safe	ty? ☐ Yes*   ☑ No ☐ Unknown
	*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:	
	Attached supporting documentation:   Not applicable	
4.	Operating permit and nitrogen BMP* – Compliance component #4 of	of 5 🛛 Not applicable
	Is the system operated under an Operating Permit? ☐ Yes ☐ No	If "yes", A below is required
	Is the system required to employ a Nitrogen BMP specified in the system design?   Yes  No	
	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	ed.
	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:	
	Attached supporting documentation: ☐ Operating permit (Attach) ☐	

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operty Address: _13549 Point Douglas Dr S, Denmark Twp, MN 550 siness Name: _Midwest Sewer Services		Date: 1/9/2024		/2024		
<b>Soil separation</b> – Com  Date of installation 2001 (mm/dd/y)			nt #5 o	f 5		
Shoreland/Wellhead protectio beverage lodging?	n/Food 🛚	Yes	□No	Attached supporting docume		e report
Compliance criteria (select	one):				tions of required vertical separation	
5a. For systems built prior to Apr	ril 1, 1996, and	Yes	□ No*	☐ Not applicable (No soil treat	ment area	)
not located in Shoreland or V Protection Area or not servin		_		⊠ Reviewed previous complia	nce inspec	tion from 2014.
beverage or lodging establish				Reviewed design and perm	it records.	
Drainfield has at least a two- separation distance from per saturated soil or bedrock.						
5b. Non-performance systems b	—	Yes	☐ No*	Indicate depths or elevation	ons	
April 1, 1996, or later or for n performance systems locate or Wellhead Protection Area:	d in Shoreland			A. Bottom of distribution media	a	See Attached Boring Log(s)
food, beverage, or lodging es				B. Periodically saturated soil/b	edrock	
Drainfield has a three-foot ve			C. System separation			
separation distance from per saturated soil or bedrock.*	iodically			D. Required compliance sepa	ration*	
				*May be reduced up to 15 per Ordinance.	cent if allo	wed by Local
5c. "Experimental", "Other", or "F systems built under pre-2008 Type IV or V systems built un Rules 7080. 2350 or 7080.24 (Intermediate Inspector Licer 2,500 gallons per day; Advan License required > 2,500 gal	3 Rules; nder 2008 100 nse required ≤ nced Inspector	Yes	□ No*			
Drainfield meets the designe separation distance from per saturated soil or bedrock.	d vertical					

**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.

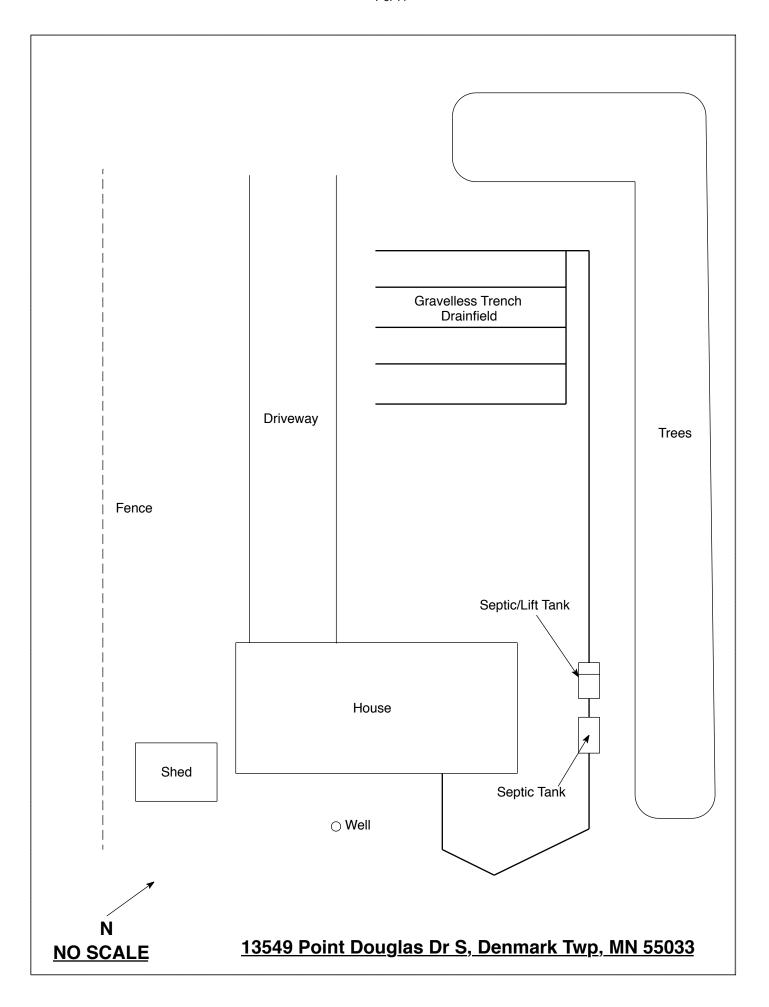
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# Midwest Sewer Testing Subsurface Sewage Treatment System Owner/Property Information

	npliance Inspection.
Date of Inspection: 1/8/2024 & 1/9/2024	Time: 11:15 AM
Property Address: 13549 Point Douglas Dr S, Denmark Twp, MN	Zip: 55033
Property Owner: Robert Dreher	Phone: 651-800-0986
Tank(s)       Tank(s)Material       Soil Treatment System         Septic 1       Fiberglass       Rock trench         Aerobic       Plastic       Gravelless trench         Septic/Lift       Metal       Chamber trench         Holding       Concrete       Seepage bed         Other:       Block       Mound         Other       At-grade	Other Alternative system Experimental system Cesspool system Other system
Are the tank maintenance covers accessible?   ☐ Yes ☐ No *If no, performed through the maintenance holes. Maintenance hole covers the ground surface to facilitate access and proper maintenance of the	should be made accessible to
Year house built: 1955 Year septic installed: 2001 Tar How long has seller owned the property? Number of resid	nk size (gals.): 2-1000 ents in home?
Number of bedrooms? 2 Are all floors drained by grav	
Garbage disposal? Whirlpool bath?	<u>,                                      </u>
More than one system (laundry, etc.)?	
Does this property have any footing drain tiles connected to the septi-	c system?
Are any buildings on this property such as garages or out-buildings c	onnected to this system?
	•
Are there any additional systems on this property serving other build	ings?
Location of septic system on lot? Tanks-East Side, Drainfield - North	
Location of septic system on lot? Tanks-East Side, Drainfield - North Location of water well on lot? South Side Is the w	n Side ell a deep well? Y
Location of septic system on lot? Tanks-East Side, Drainfield - North	n Side ell a deep well? Y ee roots, sewage back-ups,
Location of septic system on lot? Tanks-East Side, Drainfield - North Location of water well on lot? South Side Is the well as: the surfacing of sewage onto the ground, septic tank overflowing, etc.; of to the system? If yes, explain:  When was the system last pumped? 1/9/2023 Name of pumper.	n Side ell a deep well? Y ee roots, sewage back-ups, r have any repairs been made
Location of septic system on lot? Tanks-East Side, Drainfield - North Location of water well on lot? South Side Is the water you ever experienced any problems with the system such as: tresurfacing of sewage onto the ground, septic tank overflowing, etc.; of to the system? If yes, explain:  When was the system last pumped? 1/9/2023 Name of pumper How often pumped in previous years? Is system or	r: Schlomka's n Side ell a deep well? Y ee roots, sewage back-ups, r have any repairs been made
Location of septic system on lot? Tanks-East Side, Drainfield - North Location of water well on lot? South Side Is the well as: the surfacing of sewage onto the ground, septic tank overflowing, etc.; of to the system? If yes, explain:  When was the system last pumped? 1/9/2023 Name of pumper How often pumped in previous years? Is system on Have you received notices from any government agency concerning the system of th	r: Schlomka's n Side ell a deep well? Y ee roots, sewage back-ups, r have any repairs been made
Location of septic system on lot? Tanks-East Side, Drainfield - North Location of water well on lot? South Side Is the well Have you ever experienced any problems with the system such as: tresurfacing of sewage onto the ground, septic tank overflowing, etc.; of to the system? If yes, explain:  When was the system last pumped? 1/9/2023 Name of pumper How often pumped in previous years? Is system on Have you received notices from any government agency concerning Is your property located in a shoreland management area? Y	r: Schlomka's n a deep well? Y nee roots, sewage back-ups, r have any repairs been made r: Schlomka's n a monitoring plan? this system?
Location of septic system on lot? Tanks-East Side, Drainfield - North Location of water well on lot? South Side Is the well as: the surfacing of sewage onto the ground, septic tank overflowing, etc.; of to the system? If yes, explain:  When was the system last pumped? 1/9/2023 Name of pumper How often pumped in previous years? Is system on Have you received notices from any government agency concerning the system of th	r: Schlomka's n a deep well? Y nee roots, sewage back-ups, r have any repairs been made r: Schlomka's n a monitoring plan? this system?

by Inspect Minnesota and Midwest Soil Testing

Owner/Occupant:	Date:



Property address: 13549 Pt. Doug	glas Dr. S.	, Hasting∳nspector inItIals/Dat∉ MN 55033	B7 4-7-64
4. Soil Separation Compliance of	omponent #4 of 5		
Date of installation: 500/	Unknown	Verification method(s):	
Shoreland/Wellhead protoction/Food beverage lodging?  Compliance criteria:	□Yes 💆 No	Soil observation does not expire. I observations by two independent j unless site conditions have been a requirements differ.	parties are sufficient,
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	☐ Yes ☐ No	Conducted soil observation(s) ( Two previous verifications (Atta Not applicable (Holding tank(s), n	nch boring togs) no drainfield)
separation distance from periodically saturated soil or bedrock.		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:	[XYes □ No	Comments/Explanation:  OTO 12 BLK Ed  121022 Loan  121022 Loan	mitad 1/6
Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*		127022 20 Med SANDY 447080 Med S	
"Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080. 2350 or 7080.2400 (Advanced Inspector License required)	☐ Yes ☐ No	Indicate depths or elevations  A. Bottom of distribution media	
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.		B. Periodically saturated soil/bedrock     C. System separation  D. Regulred compliance separation*	36 PUS 3611
Any "no" answer above indicates the failing to protect groundwater.	·	*May be reduced up to 15 percent Ordinance.	if allowed by Local
5. Operating Permit and Nitrogen	<del></del>	nce component #5 of 5	Not applicable
Is the system operated under an Operating Is the system required to employ a Nitroger  BMP = Best Management Practice(s) s	ı 8MP? ☐ Ye	s ☐ No If "yes", A below is reques ☐ No If "yes", B below is requented and design	
If the answer to both questions is "n	o", this section do	oes not need to be completed.	
Compliance criteria			
Operating Permit number:			
Have the Operating Permit requireme	nts been met?	☐ Yes ☐ No	
b. Is the required nitrogen BMP in place  Any "no" answer Indicates Nonce		ing? ☐ Yes ☐ No	
Upgrade Requirements (Minn. Stat. § 115.55) discontinued within ten months of receipt of this re ground water, the system must be upgraded, repi is not failing as defined in law, and has at least tw its use discontinued, notwithstanding any local or Wellhead Protection Areas, or those used in cont	An imminent threat to p notice or within a shorter laced, or its use disconti to feet of design soil sep dinance that is more sto	period if required by local ordinance. If the Inued within the time required by local ordin- paration, then the system need not be upgra lct. This provision does not apply to systems	system is failing to protect ance. If an existing system ided, repaired, replaced, or s in shoreland areas,

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Hastings, Minnesota (651) 437-7310

# **Logs of Soil Borings**

Project Name	e: Bob Bathrick	1354	9 Point Daylas Drive
Location:	treatment Area		
Borings Mad	e By: Ton Otto	D	Pate: 7-11-01
Classification	n System: (please circle) AASH	O USDA-S	CS Unified Other Muncy
Auger Used:	(circle two) (Hand Power	Flight	Bucket Other
Depth in Feet	Boring number 3 Surface Evaluation 6	Depth in Feet	Boring number 4 Surface Evaluation 0
0	Top soil	0	10" Topsoil 10 VR 3/2
1	17" 10423/2	1	V Very Oark Granish Brain
^ 2	V Very Dark Gravish Brown	2	VZO" mixed loam
3	VZ9" MIXED loan	3	40" loan to sundy loan
4	631 lour to Sardy loan	4	Yellowish Brasin
5	V Yellowith Brown	5	median Sand
6	64" 10 42 6/4	6	84" 10 YR 6/4
7	V light yellowish Brown	7	V light yellowish Brown.
8	<b>,</b>	8	
9		9	
End of boring	g at feet.	End of bo	oring at feet.
Standing Wa	ter Table	Standing	Water Table
Present in bo Yes o	oring hole: or No		n boring hole: es or <b>N</b> o
Present at	<b>O</b> feet of depth,	Present a	at O feet of depth,
<u>24</u> hour	s after boring.	24 H	nours after boring.
Mottled Soil Present in bo Yes		Present in	Soil Observed n boring hole: es or No
Present at	feet of depth.	Present a	at feet of depth.
Observations	and comments:		ions and comments:



Loan to Sandy loan.

Hastings, Minnesota (651) 437-7310

## **Logs of Soil Borings**

Project Name	: Bob Bathrick	134	549 Point Douglas Drive.
Location:	Peserve Area		
Borings Made	e By: Ton Otto	D	ate: 7-11-01
	System: (please circle) AASH		
Auger Used:	(circle two) Hand Power	Flight	Bucket Other
Depth in Feet	Boring number\ Surface Evaluation	Depth in Feet	Boring number Z Surface Evaluation O
0 1 2	2011 Top Soil 10 YR 3/2 Yery Deak Grayish Brown	0 1 2	Top Soil 20" loye 3/2 Very Oark Grayish Brown
3	V3211 MIXED LOOM	3	32" MIXED LOWN
4	56" loan to Sundy Loan V loye 5/6 Brown	4	10 yr 516 Brown.
5 6	medium sand 84" to 4R 6/4	5 6	Medium Smd 84" 10 YR 6/4
7	V light yellowish Brown	7	V light yellowith Brown
8		8	
9		9	
End of boring	g at feet.	End of bo	oring at feet.
Standing Wa Present in bo Yes		Present i	Water Table n boring hole: es or No
Present at _	No_ feet of depth,	Present a	at No feet of depth,
<u>24</u> hour	s after boring.	_241	hours after boring.
Mottled Soil Present in bo Yes		Present i	Soil Observed n boring hole: es or No
Present at	No feet of depth.	Present a	et $No$ . feet of depth.
	and comments:		tions and comments:

## **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 1<sup>st</sup> through April 1<sup>st</sup>) 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.