Midwest Sewer Services

P.O. Box 10853 White Bear		Brian Humpal
651-492-7550/Brian@Midw	estsoiltesting.com N	MPCA Licensed Advanced Inspector
SUBSURFACE SEWAGE T	TREATMENT SYSTEM	(SSTS) COMPLIANCE REPORT
Date: August 18, 2020	Time: 12:15 PM	Owner: Gene Woelffer
Inspection Address: 6646 Ode	ell Ave S, Denmark Twp, M	N 55033

REPORT SUMMARY

I have performed an "MPCA Compliance Inspection" on this system, have reviewed the history of the system with the owner, Gene Woelffer, and have reviewed the original design/permit records on file at Washington County. This system consists of two pre-cast septic tanks, a pre-cast lift pump, and a chamber trench drainfield.

Predicated on my inspection of the system, my review of the history of the system with the owner, 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 Humpol

Brian Humpal



St. Paul, MN 55155-4194

Compliance Inspection Form

Existing Subsurface Sewage Treatment Systems

(SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspection results based on Minnesota Pollution Control Agency (MPC/ requirements and attached forms – additional local requirements may also apply.	A) For local tracking purposes:
Submit completed form to Local Unit of Government (LUG) and system owner within 15 days	
System Status	
System status on date (mm/dd/yyyy):8/18/2020	
_ · · _ ·	ompliant – Notice of Noncompliance Ipgrade Requirements on page 3)
Reason(s) for noncompliance (check all applicable)	
☐ Impact on Public Health (Compliance Component #1) – Imminent threa	t to public health and safety
Other Compliance Conditions (Compliance Component #3) – Imminent	threat to public health and safety
Tank Integrity (Compliance Component #2) – Failing to protect ground	vater

□ Other Compliance Conditions (Compliance Component #3) – Failing to protect groundwater

Soil Separation (Compliance Component #4) – Failing to protect groundwater

Operating permit/monitoring plan requirements (Compliance Component #5) – Noncompliant

Property Information

Parcel ID# or Sec/Twp/Range:

Property address:	6646 Odell Ave S, Denmark Twp, MN 55033	Reason for inspection: Property Transfer
Property owner:	Gene Woelffer	Owner's phone: 952-334-1289
or		
Owner's represent	ative:	Representative phone:
Local regulatory a	uthority: Washington County	Regulatory authority phone: 651-430-6655
Brief system desci	iption: Two pre-cast septic tanks, a pre-cast lift ta	ank, and a chamber trench drianfield.
Commonto or room	mmandationa	

Comments or recommendations:

Certification

I hereby certify that all the necessary information has been gathered to determine the compliance status of this system. No determination of future system performance has been nor can be made due to unknown conditions during system construction, possible abuse of the system, inadequate maintenance, or future water usage.

Inspector name:	Brian Humpal/Christopher Uebe	Certification number:	C5342/C9852
Business name:	Midwest Sewer Services	License number:	L2896
Inspector signatur	e: Brian Humpal Afre Un	Phone number:	651-492-7550
Necessary or	Locally Required Attachments		
🛛 Soil boring lo	gs 🛛 System/As-built drawing] Forms per local ordinan	се
I Other inform	ation (list): _ Report Summary, Property Information, Di	sclaimer, License	

Impact on Public Health - Compliance component #1 of 5 1.

Property address: 6646 Odell Ave S, Denmark Twp, MN 55033

Compliance criteria:		Verification method(s):
System discharge sewage to the ground surface.	🗌 Yes 🖾 No	Searched for surface outletSearched for seeping in yard/backup in home
System discharge sewage to drain tile or surface waters.	🗌 Yes 🖾 No	 Excessive ponding in soil system/D-boxes Homeowner testimony (See Comments/Explanation)
System cause sewage backup into dwelling or establishment.	🗌 Yes 🖾 No	 "Black soil" above soil dispersal system System requires "emergency" pumping Performed dye test
Any "yes" answer above indicate an Imminent Threat to Public Hea		 I enormed dye test Unable to verify (See Comments/Explanation) 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
cesspool, drywell, or leaching pit.		Examined construction records
Seepage pits meeting 7080.2550 may be		Examined Tank Integrity Form (Attach)
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)
If yes, which sewage tank(s) leaks:		Probed outside tank(s) for "black soil"
		Unable to verify (See Comments/Explanation)
Any "yes" answer above indic		Other methods not listed (See Comments/Explanation)

Comments/Explanation:

Comments/Explanation: None of the above found.

Lowered underwater camera into tanks - baffles and tank walls OK. Lift pump and alarm were operational at the time of the inspection.

system is Failing to Protect Groundwater.

3. Other Compliance Conditions - Compliance component #3 of 5

a.	Maintenance hole covers are damaged, cracked, unsecured, or appear to structurally unsound.	□ Yes*	🖾 No	Unknown
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b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety. 🗌 Yes* 🛛 No 📋 Unknown *System is an imminent threat to public health and safety

Explain:

System is non-protective of ground water for other conditions as determined by inspector Yes* 🛛 No C. *System is failing to protect groundwater

Explain:

4. Soil Separation – Compliance component #4 of 5

Compliance criteria: unless site conditions have been altered or local requirements differ. 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: Image: Steparation (S) (Attach boring log) image: Steparation distance from periodically saturated soil or bedrock. 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: Image: Steparation distance from periodically saturated soil or bedrock. 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: Image: Steparation distance from periodically saturated soil or bedrock. Trainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.* Image: Steparation distance from periodically saturated soil or bedrock.* "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 20			iown	Verification method(s):	
For systems built prior to April 1, 1996, and not located in Shoreland or Weilhead Protection Area or not serving a food, beverage or lodging establishment: Yes No Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock. Yes No Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Weilhead Protection Areas or serving a food, beverage, or lodging establishment: Yes No Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock. Yes No Non-performance systems located in Shoreland or Weilhead Protection Areas or serving a food, beverage, or lodging establishment: Yes No Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.* Yes No "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built one periodically saturated soil or bedrock. See Attack Boring Log Any "no" answer above indicates the system is Failing to Protect Groundwater. No Net applicable Is the system operated under an Operating Permit? Yes No Not applicable <	Lodging?	observations by two independent parties are suffici			
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: See Conducted soil observation(s) (Attach boring log) Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock. See Comments/Explanation) Non-performance systems built April 1, 1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Area or norving a food, beverage, or lodging establishment: Yes No Drainfield has at there-foot vertical separation distance from periodically saturated soil or bedrock.* Yes No "Experimental", "Other", or "Performance" systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built ander 2008 Rules; Type IV or V systems built ander 2008 Rules; Type IV or V systems built and Stance from periodically saturated soil or bedrock. Indicate depths of elevations Any "no" answer above indicates the system is Failing to Protect Groundwater. Required compliance separation ' May be reduced up to 15 percent if allowed by Lo Ordinance. Operating Permit and Nitrogen BMP*	Compliance criteria:				tered or local
Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock. □ Unable to verify (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: ○ Yes ○ No Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.* ○ Yes ○ No Comments/Explanation: "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or V systems built under 2008 Rules; Type IV or Comments/Explanation See Attact Boring Log B. Periodically saturated soil/bedrock. □ Required compliance separation See Attact Dol type Comments/Explanation Any "no" answer above indicates the system is Failing to Protect Groundwater. D. Required compliance separation D. R	not located in Shoreland or Wellhead Protection Area or not serving a food,	☐ Yes	🗌 No	Conducted soil observation(s) (Two previous verifications (Attac	ch boring logs)
1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food, beverage, or lodging establishment: Reviewed design and permit records. Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.* Indicate depths of elevations "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under pre-2008 Rules; Type IV or V systems to deveload Inspector License required) Yes Indicate depths of elevations Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock. See Attact Boring Log Any "no" answer above indicates the system is Failing to Protect Groundwater. D. Required compliance separation* *May be reduced up to 15 percent if allowed by Log Ordinance. D. Required compliance separation* *May be reduced up to 15 percent if allowed by Log Ordinance. Set he system operated under an Operating Permit? Yes St he system required to employ a Nitrogen BMP? Yes No If "yes", A below is required 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 completed. Compliance criteria	separation distance from periodically			Unable to verify (See Comments/	(Explanation)
separation distance from periodically saturated soil or bedrock.* "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080. 2350 or 7080.2400 (Advanced Inspector License required) Indicate depths of elevations Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock. See Attack Boring Log Any "no" answer above indicates the system is Failing to Protect Groundwater. B. Periodically saturated soil/bedrock Operating Permit and Nitrogen BMP* – Compliance component #5 of 5 Not applicable Is the system operated under an Operating Permit? Yes No BMP=Best Management Practice(s) specified in the system design No If "yes", B below is required BMP=Best Management Practice(s) specified in the system design No If "yes", B below is required a. Operating Permit number: Yes No If "yes", No	1996, or later or for non-performance systems located in Shoreland or Wellhead Protection Areas or serving a food,	🛛 Yes	🗌 No		ls.
systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080. 2350 or 7080.2400 (Advanced Inspector License required) See Attack Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock. B. Periodically saturated soil/bedrock Any "no" answer above indicates the system is Failing to Protect Groundwater. D. Required compliance separation* Operating Permit and Nitrogen BMP* – Compliance component #5 of 5 Not applicable Is the system operated under an Operating Permit? Yes No If "yes", A below is required below is required Is the system required to employ a Nitrogen BMP? Yes No If "yes", B below is required If the answer to both questions is "no", this section does not need to be completed. Compliance criteria . a. Operating Permit number: Yes No If "yes No	separation distance from periodically				
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If the answer to both questions is "no", this section does not need to be completed. Compliance criteria a. Operating Permit number:	s the system required to employ a Nitrogen BM	P?	🗌 Yes 🛛	No If "yes", B below is required	
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a. Operating Permit number:	If the answer to both questions is "no"	this sec	tion does	not need to be completed.	
a. Operating Permit number:	i the answer to both questions is no ,			-	
	-				
	Compliance criteria				
b. Is the required nitrogen BMP in place and properly functioning?	a. Operating Permit number:	een 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.

Midwest Sewer Testing

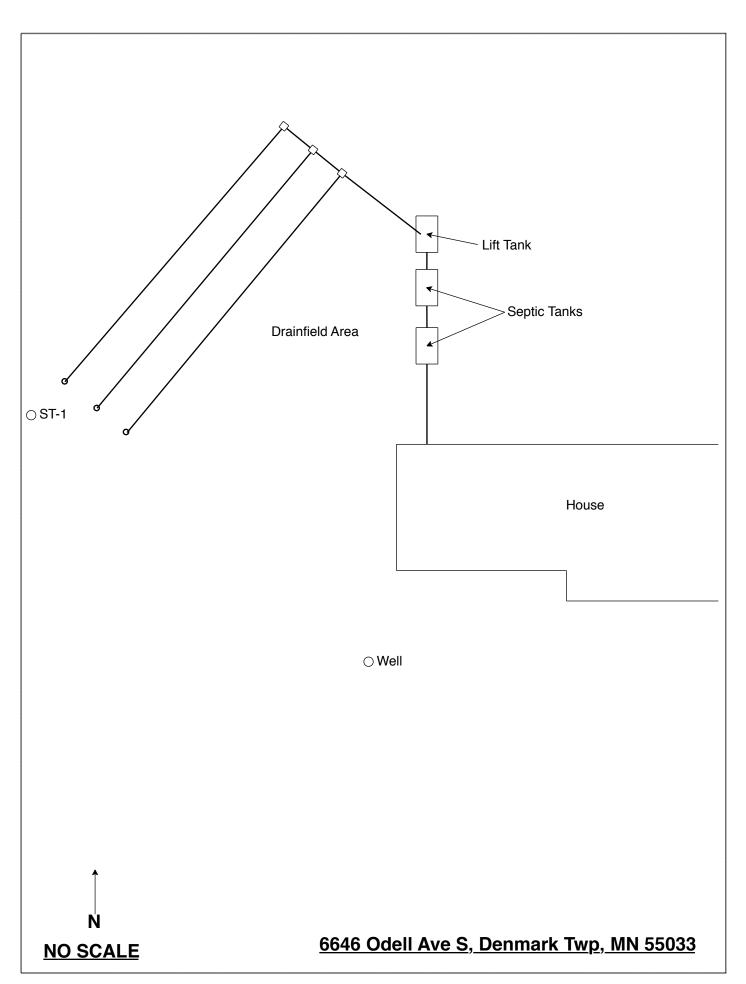
Subsurface Sewage Treatment System Owner/Property Information

This information will be used for the purpose of conducting an MPCA Compliance Inspection.

Date of Inspection: August 18, 2020	Time: 12:15 PM
	7. 55000
Property Address: 6646 Odell Ave S, Denmark Twp, MN	Zip: 55033
Property Owner: Gene Woelffer	Phone: 952-334-1289
Tank(s) Tank(s)Material Soil Treatment System	Other
Septic 2 Fiberglass Rock trench Aerobic Plastic Gravelless trench	Alternative system
	Experimental system Cesspool system
Holding Concrete Seepage bed	Other system
Other: Block Mound	
Other At-grade	
Are the tank maintenance covers accessible? 🛛 Yes 🗌 No *If	no, proper maintenance must be
performed through the maintenance holes. Maintenance hole cov	
the ground surface to facilitate access and proper maintenance of	
Year house built: 2004 Year septic installed: 2004	
	esidents in home? 2
Number of bedrooms? 4 Are all floors drained by g	
Garbage disposal? Y Whirlpool bath?	Y Y
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	as connected to this system? N
Are there any additional systems on this property serving other bu	ildings? N
Are there any additional systems on this property serving other of	indings? IN
Location of septic system on lot? North Side	11 1 110 XZ
	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? Y If yes, explain: Replaced lift pump in approxima	tely 2015.
	pper: Pinky's Sewer Service
	n on a monitoring plan? N
Have you received notices from any government agency concerni	ng this system? N
Is your property located in a shoreland management area? N	
Do you have any additional information that should be given to the	e new owner? N

I hereby certify that the above information is correct to the best of my knowledge. I also understand that if the system is considered "non-compliant/failing" per MPCA rules, that the inspector must by law submit a copy of this report to the local government unit within 15 days of the date of inspection completion. I also agree that unless otherwise noted in this report, that I/we are ultimately responsible for payment of all fees for all work performed relative to this inspection by Inspect Minnesota and Midwest Soil Testing

Owner/Occupant:



Soil Observations Log

	Locati	on of Project:	6646 Odell Ave S,	Denmar	k Twp,	MN 55033	
Observations Made By: Midwest Sewer Ser					· /	Date:	8/18/2020
Cla	Classification System: USDA						
	Soil	Observation:	ST-1		Soil C	bservation:	
Elevatio	Surface Elevation of ObservationSame ground surface as last drainfield trench		Elevat	face tion of vation			
Depth In Inches	Rock %	<u>Soils E</u>	ncountered	Depth In Inches	Rock %	<u>Soils</u>	Encountered
0-14 14-26 26-37 37-52 ≈	÷15-20	10YR 4/ 10YR 5/ 10YR 4/4 Loan	3 Sandy Loam 3 Sandy Loam 6 Loamy Sand ny Sand With Gravel Isal At 52"				
52" D	Depth T	o End Of Soil O	bservation Or Redox		Depth T	o End Of Soil	Observation Or Redox
Same E	levatio	n Of Observatio	n Relative To System				ion Relative To System
	Depth T	o Bottom Of Dis	stribution Media		Depth T	<u>o Bottom Of I</u>	Distribution Media
≥32" O	Of Sepa	ration			Of Sepa		
End O		beenvotion At.	52"			convotion At.	
Ena O		Observation At: lox Present At:				servation At:	
Ctand			None	Ctandi		x Present At:	
Stanu	miy wa	ter Present At:	None	Stanul	ng wate	r Present At:	

Bottom Of Distribution Medium At: 20 Inches

Signature:

Afren Va

wasnington County Pu	blic Health & Environment
14949 62nd Street N, PO B 651/430-6688	ox 6. Stillwater, MN 55082-0006 FAX 651/430-6730
Make checks payable to WASHINGTON COUNTY	
S215 - Drainfield System Permit S350 - Mound System Permit S150 - Mound System Permit	Receipt # 1675 40
\$350 - Alternative/Experimental System Plus \$65/lot	of as Expired Permit 0004-0405
Legal Description and Parcel Identification Number (especially if this is for a	NEW SUBDIVISION OR MINOR SUBDIVISION)
Applicant TSC D Address	screst ZNB Abdition Denmarch Tusp
Owner (if different from applicant) Address	Neill Patty Hastings, Mr. 55033 437,808 City Sunc Zip Phone
New Home D. Existing Home . New Business . Existing Business	
Check the following fixture(s) which are or will be installed: Garbage Disposal	Recreational Bothing Facility: (jacuzzi, hot tub, ctc.)
	erimental System Existing Permit Renewal
	d System Tank Replacement Only
Site Approval Only D If this site has been previously appreved, attach copy	of approval letter Additional Soil Test Data for Previously Approved Site
Final Building Plan. The house and the drainfield areas must be staked. Insecure	d herein: Percolation Test Reports: Soil Boring Logs: Site Plan drawn to scale showing location of system and well; one (1) copy of the System Design: and one (1) copy of the
AGREEMENT. The undersioned basely makes Applications of the	to a moon processing with result in usings in processing.
submitted herewith and which are regioned by Weshington Course	stear trainestoat, repportant agrees that the Stile Plan, Sketches and Dosign
performing inspections required and that an arm of the	provide access, of histomable times to Washington County for the
INSTALLATION AT A SPECIFIC LOCATION, ANY DEVICE TON PROVE	and it has been inspected and accepted. APPLICATION IS FOR AN
INSTALLATION AT A SPECIFIC LOCATION: ANY DEVIATION FROM responsibility of the applicant for the permit to notify the Office of the Wathington inspection.	and this been inspectod and accepted. A PPLICATION IS FOR AN THE APPROVED LOCATION WILL VOID THE PERMIT. It shall be the in Constry Dept. of Public Health & Environment that the installation is ready for
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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.

Subsurface Sewage Treatment Systems Non-transferable Business License

Midwest Sewer Services

License # L2896

License Expires: 12/22/2020

Issued: 11/26/2019

Specialty Area(s):

Installer Maintainer Service Provider Advanced Designer Advanced Inspector

Designated Certified Individual(s):

Cert #	Name	Certification Expires:			
C5342	Brian L Humpal	10/15/2023			
	Installer, Maintainer, Serv Prov, Adv Designer, Adv Inspector				
C9852 <	Christopher R Uebe	3/4/2021			
	Designer, Inspector				

MINNESOTA POLLUTION CONTROL AGENCY

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

Haig

Nick Haig, Supervisor Certification and Training Unit