### **Inspect Minnesota & Midwest Soil Testing**

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

**Date:** June 27, 2018 Time: 9:00 AM Owner: Doug Senn

**Inspection Address:** 8590 Keats Ave S, Cottage Grove, MN 55016

### **REPORT SUMMARY**

I have performed an "MPCA Compliance Inspection" on this system and have reviewed the history of the system with the owner, Doug Senn. I have contacted Washington County and was advised that there are no records for this system. This very old system (installed in 1977) consists of a pre-cast septic tank and a rock trench drainfield. It should be noted that the average life expectancy of a septic system is approximately 30 years.

Predicated on my inspection of the system and my review of the history of the system with the owner, it is my opinion that this system <u>presently meets</u> MPCA minimum compliance inspection requirements.

Inspect Minnesota and Midwest Soil Testing 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. Inspect Minnesota and Midwest Soil Testing 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



# **Compliance Inspection Form**

# Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

<b>Instructions:</b> Inspection results based on Minnesota Pollution Control Agency requirements and attached forms – additional local requirements may also apply	
Submit completed form to Local Unit of Government (LUG) and system of within 15 days	owner
System Status	
System status on date (mm/dd/yyyy): 6/27/2018	
	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 Other Compliance Conditions (Compliance Component #3) – Immited Tank Integrity (Compliance Component #2) – Failing to protect good Other Compliance Conditions (Compliance Component #3) – Failing Soil Separation (Compliance Component #4) – Failing to protect Operating permit/monitoring plan requirements (Compliance Component Compliance Component Component Compliance Component Compon	ninent threat to public health and safety roundwater ling to protect groundwater groundwater
Property Information Parcel ID# or Sec/	Twp/Range:
	Reason for inspection: Property Transfer
Property owner: Doug Senn	Owner's phone: 651-308-2139
or	
Owner's representative:  Local regulatory authority:  Brief system description:  Washington County  A pre-cast septic tank and rock trench drainfield.	Owner's phone: 651-308-2139  Representative phone: 651-430-6655  Regulatory authority phone: 651-430-6655
Owner's representative:  Local regulatory authority:  Brief system description:  Washington County  A pre-cast septic tank and rock trench drainfield.	Representative phone:
Owner's representative:  Local regulatory authority:  Brief system description:  Comments or recommendations:    Washington County	Representative phone:
Owner's representative:  Local regulatory authority:  Brief system description:  Comments or recommendations:  Certification  I hereby certify that all the necessary information has been gathered to determ determination of future system performance has been nor can be made due to	Representative phone:  Regulatory authority phone: 651-430-6655  mine the compliance status of this system. No o unknown conditions during system construction,
Owner's representative:  Local regulatory authority:  Brief system description:  Comments or recommendations:  Certification  I hereby certify that all the necessary information has been gathered to determ determination of future system performance has been nor can be made due to possible abuse of the system, inadequate maintenance, or future water usage	Representative phone:  Regulatory authority phone: 651-430-6655  mine the compliance status of this system. No o unknown conditions during system construction,
Owner's representative:  Local regulatory authority:  Brief system description:  Comments or recommendations:  Certification  I hereby certify that all the necessary information has been gathered to determ determination of future system, inadequate maintenance, or future water usage	Representative phone:  Regulatory authority phone: 651-430-6655  mine the compliance status of this system. No o unknown conditions during system construction, e.
Owner's representative:  Local regulatory authority:  Brief system description:  Comments or recommendations:  Certification  I hereby certify that all the necessary information has been gathered to determ determination of future system performance has been nor can be made due to possible abuse of the system, inadequate maintenance, or future water usage Inspector name:  Brian Humpal/Christopher Uebe	Representative phone:  Regulatory authority phone: 651-430-6655  mine the compliance status of this system. No o unknown conditions during system construction, e.  Certification number: C5342/C9852
Owner's representative:  Local regulatory authority:  Brief system description:  Comments or recommendations:  Certification  I hereby certify that all the necessary information has been gathered to determ determination of future system performance has been nor can be made due to possible abuse of the system, inadequate maintenance, or future water usage Inspector name:  Brian Humpal/Christopher Uebe  Business name:  Inspect Minnesota, Midwest Soil Testing  Inspector signature:	Representative phone:  Regulatory authority phone:  mine the compliance status of this system. No or unknown conditions during system construction, e.  Certification number:  L2896
Owner's representative: Local regulatory authority: Washington County Brief system description: A pre-cast septic tank and rock trench drainfield. Comments or recommendations:  Certification I hereby certify that all the necessary information has been gathered to determ determination of future system performance has been nor can be made due to possible abuse of the system, inadequate maintenance, or future water usage Inspector name: Brian Humpal/Christopher Uebe Business name: Inspect Minnesota, Midwest Soil Testing Inspector signature:  Necessary or Locally Required Attachments	Representative phone:  Regulatory authority phone:  mine the compliance status of this system. No or unknown conditions during system construction, e.  Certification number:  L2896

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Property address: 8590 Keats Ave S, Cottage Grove, MN 55016

Inspector initials/Date: 6/27/2018

Impact on Public Health – Compliance component #1 of 5 Compliance criteria: Verification method(s): Searched for surface outlet ☐ Yes ☐ No System discharge sewage to the Searched for seeping in yard/backup in home ground surface. System discharge sewage to drain tile ☐ Yes ☐ No ☐ Homeowner testimony (See Comments/Explanation) or surface waters. □ "Black soil" above soil dispersal system ☐ Yes ☐ No System cause sewage backup into ☐ System requires "emergency" pumping dwelling or establishment. ☐ Performed dye test Any "yes" answer above indicates the system is Unable to verify (See Comments/Explanation) an Imminent Threat to Public Health and Safety. ☐ Other methods not listed (See Comments/Explanation) Comments/Explanation: A soil boring over the drainfield indicated no signs of ponding or black/grey soils. 2. Tank Integrity – Compliance component #2 of 5 Verification method(s): Compliance criteria: □ Probed tank(s) bottom System consists of a seepage pit, ☐ Yes ☐ No 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 ☐ Yes ☒ No Sewage tank(s) leak below their ☐ Examined empty (pumped) tanks(s) designed operating depth. ☐ Probed outside tank(s) for "black soil" If yes, which sewage tank(s) leaks: ☐ Unable to verify (See Comments/Explanation) Any "ves" answer above indicates the ☐ Other methods not listed (See Comments/Explanation) system is Failing to Protect Groundwater. Comments/Explanation: Lowered underwater camera into tank - baffles and tank walls OK. Other Compliance Conditions – Compliance component #3 of 5 Maintenance hole covers are damaged, cracked, unsecured, or appear to structurally unsound. ☐ Yes\* ⊠ No ☐ Unknown a. 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 ☑ No \*System is failing to protect groundwater Explain:

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Pro	perty address: _8590 Keats Ave S, Cottage Gro	ove, MN 55016	Inspector initials/Date: 6/27/2018		
4. Soil Separation — Compliance component #4 of 5					
	Date of installation: 1977	Unknown	Verification method(s):		
	Shoreland/Wellhead protection/Food Beverage Lodging?	⊠ Yes □ No	Soil observation does not expire. Previous soil observations by two independent parties are sufficient,		
	Compliance criteria:		unless site conditions have been altered or local		
	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:	☐ Yes ☐ No	requirements differ.  Conducted soil observation(s) (Attach boring logs) Two previous verifications (Attach boring logs) Not applicable (Holding tank(s), no drainfield)		
	Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.		☐ Unable to verify (See Comments/Explanation) ☐ 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:	⊠ Yes □ No	Comments/Explanation:		
	Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*				
	"Experimental", "Other", or "Performance"	_	Indicate depths of elevations		
	systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules (7080. 2350 or 7080.2400 (Advanced Inspector License required)		A. Bottom of distribution media  See Attached Boring Log(s)		
	Drainfield meets the designed vertical		B. Periodically saturated soil/bedrock		
	separation distance from periodically saturated soil or bedrock.		C. System separation		
			D. Required compliance separation*		
	Any "no" answer above indicates the system is Failing to Protect Groundwater.		*May be reduced up to 15 percent if allowed by Local Ordinance.		
5.	Operating Permit and Nitrogen B	<b>MP*</b> – Compliance	component #5 of 5		
	Is the system operated under an Operating Permit?				
Is the system required to employ a Nitrogen BMP?			No If "yes", B 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.			not need to be completed.		
Compliance criteria					
	a. Operating Permit number:				
	Have the Operating Permit requirements I	☐ Yes ☐ No			
	b. Is the required nitrogen BMP in place and		☐ Yes ☐ No		

Any "no" answer indicates Noncompliance.

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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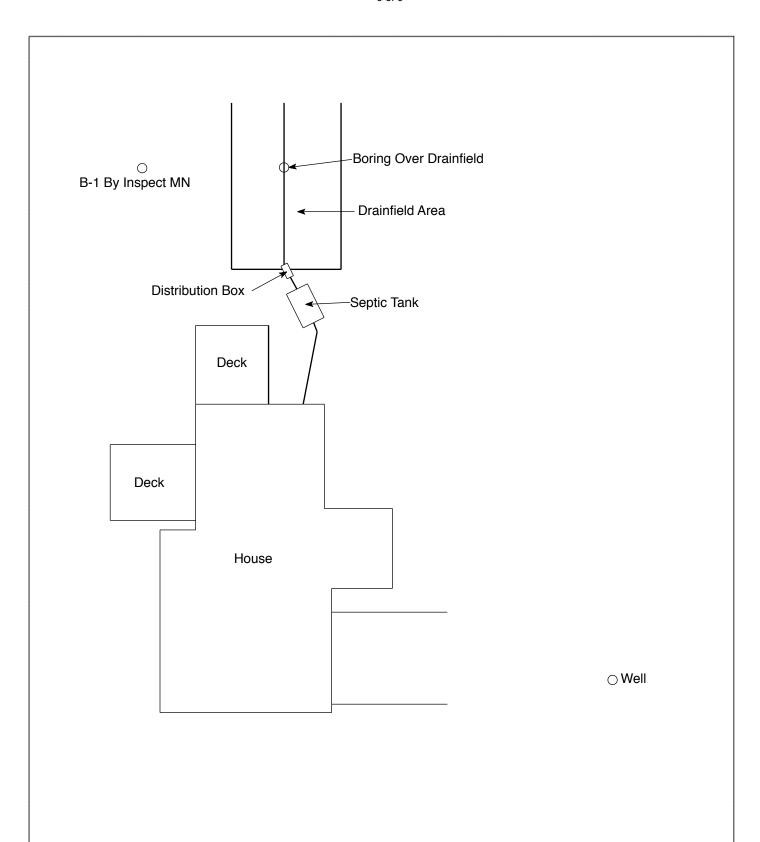
# Inspect Minnesota & Midwest Soil Testing Subsurface Sewage Treatment System Owner/Property Information

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

Date of Inspection: June 27, 2018	Time: 9:00 AM		
Property Address: 8590 Keats Ave S, Cottage Grove, MN	Zip: 55016		
Property Owner: Doug Senn	Phone: 651-308-2139		
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         Other       At-grade	Other  Alternative system  Experimental system  Cesspool system  Other system		
Are the tank maintenance covers accessible?   Yes  No *If no, proper maintenance must be performed through the maintenance holes. Maintenance hole covers should be made accessible to the ground surface to facilitate access and proper maintenance of the system.			
Year house built: 1977 Year septic installed: 1977	Γank size (gals.): 1250		
	sidents in home? 2		
Number of bedrooms? 4 Are all floors drained by gr	3		
Garbage disposal? Y Whirlpool bath?	N		
More than one system (laundry, etc.)? N			
Does this property have any footing drain tiles connected to the se	ptic system? N		
Are any buildings on this property such as garages or out-buildings connected to this system? N			
Are there any additional systems on this property serving other buildings? N			
Location of septic system on lot? West Side			
Location of water well on lot? North Side	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.; or have any repairs been made			
to the system? N If yes, explain: Replaced the outlet baffle.			
When was the system last pumped? 6/6/2018 Name of pumper: Meyer Sewer Service			
How often pumped in previous years? Every 2-3  Is system on a monitoring plan? N			
Have you received notices from any government agency concerning 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 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: Doug Senn's Signature On File Date: 6/27/2018



N NO SCALE

8590 Keats Ave S, Cottage Grove, MN 55016

### **Log Of Soil Borings**

Borings Made By: Inspect Minnesota Auger Used: Hand/Bucket  Boring Number:  Surface Elevation of Boring Depth In Inches  0-8 8-30 10YR 4/3 Silt Loam 30-39 39-80  Boring Number:  Soils Encountered Inches  10YR 4/3 Silt Loam 10YR 4/3 Sandy Loam 10YR 3/4 Medium Sand  Boring Depth In Inches  Depth In Inches  Boring Number:  Surface Elevation of Boring Depth In Inches  Soils Encountered Inches  Soils Encountered Inches  Boring Number:  Surface Elevation of Boring Depth In Inches  Soils Encountered Inches  Boring Number:  Surface Elevation of Boring Number:  Surface Elevation of Boring Popth In Inches  Soils Encountered  Depth In Inches  Boring Number:  Soils Encountered  Depth In Inches  Soils Encountered  Inches  Boring Number:  Surface Elevation of Boring Popth In Inches  Depth In Inches  Soils Encountered  Inches  Boring Number:  Soils Encountered  Depth In Inches  Soils Encountered  Inches  Boring Number:  Soils Encountered  Inches  Soils Encountered	Location of Project: 8590 Keats Ave S, Cottage Grove, MN 55016					
Surface Elevation of Boring Number:  Surface Elevation of Boring  Depth In Inches  0-8 8-30 10YR 4/3 Silt Loam 10YR 3/4 Medium Sand  30-39 10YR 3/4 Medium Sand  80" Depth To End Of Boring Or Redox  Same Elevation of Boring Relative To System  -42" Depth To Bottom Of Distribution Media ≥38" Of Separation  End Of Boring At: Robert Sand Surface as last drainfield trench  Surface Elevation of Boring At: Robert Surface Elevation of Boring At: Robert At: None  Surface Elevation of Boring At: Robert Surface Elevation of Boring At: Robert At: None  Surface Elevation of Boring Number:  Surface Elevation of Boring Number:  Surface Elevation of Boring Number:  Surface Elevation of Boring Clevation of Boring Depth In Inches  Soils Encountered  Soils Encountered  Depth To End Of Boring Or Redox  Depth To End Of Boring Or Redox  Elevation of Boring Relative To System  Elevation of Boring At: Robert Surface Elevation of Boring At: Redox Present At:				Date:	6/27/18	
Surface Elevation of Boring Depth In Inches  O-8 8-30 30-39 39-80  Bo" Depth To End Of Boring Or Redox Same Elevation of Boring Relative To System  Depth To Bottom Of Distribution Media ≥38" Of Separation  End Of Boring At: Redox Present At:  None  Soils Encountered  Soils Encountered  Depth In Inches  Soils Encountered  Depth To End Of Boring Or Redox  Depth To End Of Boring Or Redox  Elevation of Boring Relative To System  Depth To End Of Boring Relative To System  End Of Boring At: Redox Present At:  None  Redox Present At:  None	Auger Used: Hand/Bucket				USDA	
Elevation of Boring  Depth In Inches  0-8 8-30 30-39 39-80  Boling  Boling  Boling  Boling  Boling  Boling  Depth In Inches  10VR 2/2 Silt Loam 10VR 4/3 Silt Loam 10VR 4/3 Sandy Loam 10VR 3/4 Medium Sand  Boling  Boling  Depth In Inches  Soils Encountered  Inches  Boling  Depth In Inches  Soils Encountered  Depth In Inches  Boling  Boling  Depth In Inches  Boling  Depth In Inches  Boling  Depth In Inches  Boling  Boling		Boring Number:	1		Boring Number:	
Soils Encountered   Depth In Inches	Elevation	of Same grou		Elevation	of	
8-30 30-39 10YR 4/3 Silt Loam 30-39 10YR 3/4 Medium Sand  80" Depth To End Of Boring Or Redox  Same Elevation Of Boring Relative To System  -42" Depth To Bottom Of Distribution Media ≥38" Of Separation  End Of Boring At: Redox Present At:  None Redox Present At:  None Redox Present At:	Depth In	Soils E	ncountered	Depth In	Soils Er	<u>icountered</u>
SameElevation Of Boring Relative To SystemElevation Of Boring Relative To System-42"Depth To Bottom Of Distribution MediaDepth To Bottom Of Distribution Media≥38"Of SeparationOf SeparationEnd Of Boring At:80"End Of Boring At:Redox Present At:NoneRedox Present At:	0-8 8-30 30-39	10YR 4 10YR 4/3	/3 Silt Loam 3 Sandy Loam			
-42" Depth To Bottom Of Distribution Media ≥38" Of Separation  End Of Boring At:  Redox Present At:  None  Depth To Bottom Of Distribution Media Of Separation  End Of Boring At:  Redox Present At:	80"	Depth To End Of B	oring Or Redox		Depth To End Of Bo	oring Or Redox
≥38" Of Separation  End Of Boring At: 80" End Of Boring At:  Redox Present At: None Redox Present At:	Same	Elevation Of Boring	g Relative To System		Elevation Of Boring	Relative To System
End Of Boring At: 80" End Of Boring At: Redox Present At: None Redox Present At:					of Distribution Media	
Redox Present At: None Redox Present At:	≥38"  Of Separation		(	Of Separation		
Redox Present At: None Redox Present At:		End Of Boring At:	80"		End Of Boring At:	
Standing Water Present At: None Standing Water Present At:	Standing		None			

Bottom Of Distribution Medium At: 42 Inches

### **DISCLAIMER**

# Brian L. Humpal, Inc. dba. 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.

# Subsurface Sewage Treatment Systems Non-transferable Business License

# Inspect Minnesota, Midwest Soil Testing

License # L2896

License Expires: 12/22/2018

Issued: 10/10/2017

es:

# Specialty Area(s):

Installer
Maintainer
Service Provider
Advanced Designer
Advanced Inspector

# Designated Certified Individual(s):

Cert #	Name	Certification Expire
C9633	Anthony P Scully	7/28/2018
	Installer, Designer (Conditional)	
C5342	Brian L Humpal	10/15/2020
	Installer, Maintainer, Serv Prov,	Adv Designer, Adv Inspector
C9852	Christopher R Uebe	3/4/2018
	Designer, Inspector	



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

Charles K Thompson, Supervisor Certification & Training Unit