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: May 17, 2018 **Time:** 10:45 AM **Owner:** Steve Matson

Inspection Address: 3805 Neal Ave S, Afton, MN 55001

REPORT SUMMARY

I have performed an "MPCA Compliance Inspection" on this system, have reviewed the history of the system with the owner, Steve Matson, and have reviewed the original design/permit records which were on file at Washington County. This system consists of two pre-cast septic tanks and a rock 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 presently meets 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.

Brian Humpal Brian Humpal



Compliance Inspection Form

Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also apply.	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): _5/17/2018	
	npliant – Notice of Noncompliance rade Requirements on page 3)
Reason(s) for noncompliance (check all applicable) Impact on Public Health (Compliance Component #1) – Imminent threat to Other Compliance Conditions (Compliance Component #3) – Imminent threat threat to Tank Integrity (Compliance Component #2) – Failing to protect groundwate Other Compliance Conditions (Compliance Component #3) – Failing to protect groundwate Soil Separation (Compliance Component #4) – Failing to protect groundwate Operating permit/monitoring plan requirements (Compliance Component #4)	eat to public health and safety er etect groundwater ater
	_
Property Information Parcel ID# or Sec/Twp/Range	ge:
Property address: 3805 Neal Ave S, Afton, MN 55001 Reason for	or inspection: Property Transfer
• • • — — — — — — — — — — — — — — — — —	ohone: 612-618-8537
Owner's representative: Represer	atative phone:
	y authority phone: 651-430-6655
Brief system description: Two pre-cast septic tank and rock trench drainfield. Comments or recommendations:	
Certification	
I hereby certify that all the necessary information has been gathered to determine the of determination of future system performance has been nor can be made due to unknown possible abuse of the system, inadequate maintenance, or future water usage.	
Inspector name: Brian Humpal Certification	on number: L5342
	se number: L2896
Inspector signature: Brian Humpal Pho	ne number: 651-492-7550
Necessary or Locally Required Attachments	
	local ordinance
☑ Other information (list): Report Summary, Property Information, Disclaimer, Lic	ense

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Property address: 3805 Neal Ave S, Afton, MN 55001

Inspector initials/Date: 5/17/2018

<u>1.</u>	lm	npact on Public Health – Cor	npliance	component #1 c	f 5	
	Co	ompliance criteria:			Ve	erification method(s):
		stem discharge sewage to the bund surface.	☐ Yes	⊠ No	\boxtimes	Searched for surface outlet Searched for seeping in yard/backup in home
		stem discharge sewage to drain tile surface waters.	☐ Yes	⊠ No		Homeowner testimony (See Comments/Explanation)
		rstem cause sewage backup into relling or establishment.	☐ Yes	⊠ No		"Black soil" above soil dispersal system System requires "emergency" pumping Performed dye test
		ny "yes" answer above indicates I Imminent Threat to Public Heal				Unable to verify (See Comments/Explanation)
		omments/Explanation:				
	Α:	soil boring over the drainfield indicated	no signs	of ponding or blac	k/gra	ay soils.
2.	Ta	ank Integrity — Compliance com	nponent :	#2 of 5		
		ompliance criteria:	•		Ve	erification method(s):
		estem consists of a seepage pit,	☐ Yes	⊠ No	_	Probed tank(s) bottom
		sspool, drywell, or leaching pit. epage pits meeting 7080.2550 may be				Examined construction records Examined Tank Integrity Form (Attach)
	COI	mpliant if allowed in local ordinance.				Observed liquid level below operating depth
		ewage tank(s) leak below their signed operating depth.	☐ Yes	⊠ No		Examined empty (pumped) tanks(s)
	If y	yes, which sewage tank(s) leaks:			님	Probed outside tank(s) for "black soil" Unable to verify (See Comments/Explanation)
		ny "yes" answer above indica ⁄stem is Failing to Protect Gro				Other methods not listed (See Comments/Explanation)
	Сс	omments/Explanation:				
	Lo	wered underwater camera into tanks -	baffles a	nd tank walls OK.		
2	Δ,	th an Canadian as Canditions				0.65
3.	U	ther Compliance Conditions				
	a.	Maintenance hole covers are damaged				·
	b.	Other issues (electrical hazards, etc.) to in *System is an imminent threat to put			pact	public health or safety. ☐ Yes* ☒ No ☐ Unknown
		Explain:				
	C.	System is non-protective of ground wa *System is failing to protect ground		er conditions as de	termi	ined by inspector ☐ Yes* ☒ No
		Explain:				

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Pro	perty address: 3805 Neal Ave S, Atton, MN 55	001	inspector initials/Date: _5/1	112018 017
4.	Soil Separation - Compliance compor	nent #4 of 5		
	Date of installation: 2015	Unknown	Verification method(s):	
	Shoreland/Wellhead protection/Food Beverage Lodging? Compliance criteria:	☐ Yes ⊠ No	Soil observation does not expire. Pro observations by two independent pa unless site conditions have been alto	rties 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 separation distance from periodically	☐ Yes ☐ No	requirements differ. Conducted soil observation(s) (Attack Two previous verifications (Attack Not applicable (Holding tank(s), not Unable to verify (See Comments/Explanation)	attach boring logs) h boring logs) o drainfield) 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: Reviewed design and permit records	
	Drainfield has a three-foot vertical 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 2008 Rules (7080. 2350 or 7080.2400 (Advanced Inspector License required)	☐ Yes ☐ No	A. Bottom of distribution media B. Periodically saturated soil/bedrock	See Attached Boring Log(s)
	Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.		C. System separation	
	Any "no" answer above indicates the Failing to Protect Groundwater.	he system is	 D. Required compliance separation* *May be reduced up to 15 percent if Ordinance. 	allowed by Local
5.	Operating Permit and Nitrogen B	MP* – Compliance c	component #5 of 5 Not appl	icable
	Is the system operated under an Operating Peri	mit?	No If "yes", A below is required	
	Is the system required to employ a Nitrogen BM BMP=Best Management Practice(s) specific		•	
	If the answer to both questions is "no",	this section does n	ot need to be completed.	
	Compliance criteria			
	a. Operating Permit number:		☐ Yes ☐ No	
	Have the Operating Permit requirements to	peen met?		
	b. Is the required nitrogen BMP in place and	properly functioning?	☐ 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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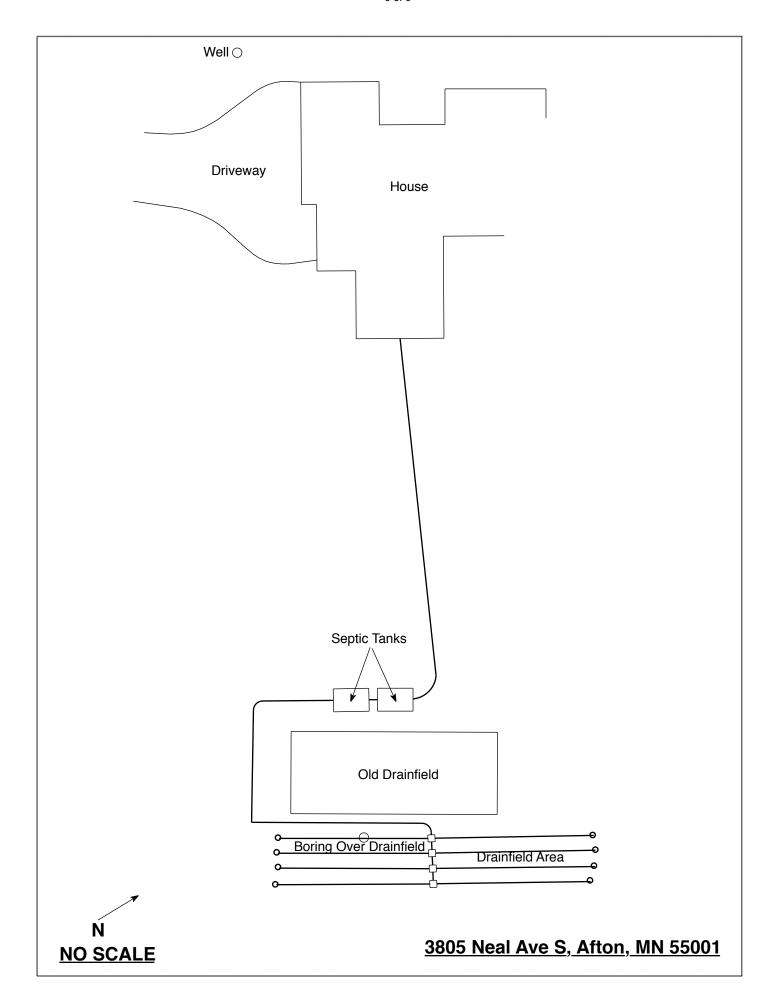
Inspect Minnesota & Midwest Soil Testing Subsurface Sewage Treatment System Owner/Property Information

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

Date of Inspection: May 17, 2018	Time: 10:45 AM								
Property Address: 3805 Neal Ave S, Afton, MN	Zip: 55001								
Property Owner: Steve Matson	Phone: 612-618-8537								
Septic 2 ☐Fiberglass ☐Rock tree	ess trench								
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: 1991 Year septic installed: 20	Q /								
	umber of residents in home? 3								
	rained by gravity? Y								
<u>C</u> 1	rlpool bath? N								
More than one system (laundry, etc.)? N									
Does this property have any footing drain tiles connected to the septic 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? South Side									
Location of water well on lot? West Side	Is the well a deep well? Y								
Have you ever experienced any problems with the syst									
surfacing of sewage onto the ground, septic tank overf to the system? N If yes, explain:	lowing, etc.; or have any repairs been made								
When was the system last pumped? New 2015 N	ame of pumper: New 2015								
How often pumped in previous years? Due	Is system on a monitoring plan? N								
Have you received notices from any government agen-									
Is your property located in a shoreland management ar									
Do you have any additional information that should be									

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: Steve Matson's Signature On File Date: 5/17/2018



	7 MAY 20(5		suleted wase					Consistence	Loose Friable	Extremely Firm Rigid	Loose Friable	Firm Districtive Firm	Rigid	Loose Friable	Firm	Rigid	Loose	Firm	Extremely Firm Rigid	Loose	Firm	Extremely Firm Rigid	Loose	Firm	Extremely Firm Rieid
	Date:	- 1	3				Chancel	Grade	Weak Moderate	Loose	Weak Moderate	Strong	2002	Weak Moderate	Strong	2007	Weak	Strong	Loose	Weak	Strong	Loose	Weak	Strong	Loose
or that consider ordings at the state of the	t0000		r Bedrock		Slope (%):	Slope Shape:				ic Frain	,	.9							rain						
	56,205,35	27.302	anic Matte	Toe Slope	Š	īŠ		Shape	Granuler Platy Blocky	Prismatic Single Grain Massive	Granula Platy	Prismat	Single Grain Massive	Granula	Blocky	Single	Granula	Blocky	Single (Granula	Blocky	Single Grain Massive	Granula	Blocky	Single (
	20,02:0	,05.26,	Loess Organic Matter	Foot Slope	80		Saturated Soil	(see back)												,					
5	Legal Description/Grost 26, 028, 26, 55, 6604	ò		Back/Side Slope	uit(s): 529B	APON SILT WAM	Dodos	Kind(s)	Concentrations	Depletions	Concentrations	Depletions	yed	Concentrations	Depletions	yed	Concentrations	letions	Gleyed	onognopions	letions	Gleyed		centrations	Gleyed
	Lega	李	ä .	r۱	Soil Survey Map Unit(s):	FI PON				200	٥	å	Gle	ð	2	<u></u>	٤	3 4	8	3	3 8	de		3 &	[iii
,	tve S.		twash	Shoulder	Soil S	CLOSOPY	Mottle	Color(s)			-	1	11												
	SNEALF	ľ	\sim	Summit		ne of Day:	Moteix	Color(s)	Arai	3/5	d	777	2/1	25.20	7	<u>v</u>									
	Clieny Address: 3805 ME4L AVE 5.		Soil Parent Material(s): Till (circle all that apply)	lscape Position: (circle one)	Vegetation: PPAIRE	Weather conditions/Time of Day:	Taxtura		FINE	SAND	71.17	1	SAND		Chan	2									
City 4.4	Client Ag		Soil Parent (circle	Landscape Position: (circle one)	Vegetation	Weather o	Donth (in)	1		0-19"		10.27	2		7	26-17									

OF MINNESOTA OS	Client/ Address:	Soil parent material(s): (Check all that apply) 🔲 Outwash	andscape Position: (check one) Sur	Vegetation	Weather Conditions/Time of Day:	Observation #/Location:	Depth (in) Texture Frag. % M	0-18 Silt Loam	18-36 Slt Loam	36-42 Loamy Fine Sand	42:84 Sand	Comments (ox 7 sand 3c* here of the work in accordance with all associable ordinances nakes and leave thereby certify that I have completed this work in accordance with all associable ordinances.
OSTP Soil Observation Log	Kevin McGoldrick		☐ Summit ☐ Shoulder ☑ Back/Side Slope ☐ Foot Slope	Soil survey map units		BH1	Matrix Color(s) Mo	10yr 3/1	10yr 5/3	10yr 5/3	10yr 6/3	vork in accordance with
rvation Lo		☐ Lacustrine ☑ Loess	ick/Side Slope 🏻 Fo	nits 529B	sunny 12:40 PM		Mottle Color(s) Redo					all applicable ordinanc
	Legal Descr	sess DTill					Redox Kind(s)			-		oes urles and
Project ID:	Legal Description/ GPS:	II O Albuvium	Toe Slope Slope shape	Slope%		Obser	Indicator(s)					sme
		um 💽 Bedrock	Slope shape	12.0	Date	Observation Type:	Shape	Blocky	Blocky	Single grain	Single grain	
v 12.04.25	3805 Neal Ave S, Afton	ock 🗌 Organic Matter	linea	Elevation:	98/	M Auger Probe	Structure				2	
K	Afton	ic Matter	linear/linear		04/22/15	ope	Consistence					

Citient Address Citient Address Gul parent materiality (Check all that apply) Chowsah Canadracape Position; (check one) Sammi Stoudber E Vegetation Speciation Spe	1 - 1 - 1				Project ID:		PROGRAM	Enr.
oil parent material(s): (Check a) andscape Position: (check one) Vegetation lawn Veather Conditions/Time of Day Observation #/Location:				Legal Des	Legal Description/ GPS:			
andscape Position: (check one) Vegetation lawn Veather Conditions/Time of Day Observation #/Location:		y) 🗆 Outwast	1 Lacustrine	E roess	Till Dalluvium	ium 💽 Bedrock		Organic Matter
Vegetation lawn Veather Conditions/Time of Day Observation #/Location:		ni 🗌 Shoulder	☐ Summi ☐ Shoulder ☑ Back/Side Slope ☐ Foot Slope	☐ Foot Slope	14 15	Slope shape		inear/linear
Veather Conditions/Time of Day Observation #/Location:		Soil survey map units	nap units	5298	Slope	12.0	Elevation:	
Observation #/Location:	_		sunny 11:00 PM	*		Date		04/29/15
			BHZ		opse	Observation Type:	M Auger	□ Probe □ Pit
Depth (in) Texture Rock		Matrix Color(s)	Mottle Color(s)	Badox Kindie	Indicatorie		Structu	- Structure
		(c) man v	mocure cotton (a)	NEGOX VIII (S)	mulcator(s)	Shape	Grade	Consistence
0-14 Silt Loam		10yr 3/1				Blocky		
14-26 Silt Loam	-	10yr 5/3			!	Blocky		
26-38 Loamy Fine Sand	-	10yr 5/3				Single grain		
38-72 Fine Sand	-	10yr 6/4				Single grain		
72-84 Fine Sand	. •	10yr 7/4				Single grain		· Posterio
Colinierius OK / sand 26-								
Observation #/Location:			BH3		Opse	Observation Type:		Auger
Depth (in) Texture Rock	L	Matrix Colorís)	Mottle Coloris	Redox Kind(s)	Indicatories	Ė	Structur	Structure
_"		E .	(c) 10100 10100	(e)nun vona	(c) manager (a)	Shape	Grade	Consistence
0-10 Fire Sandy	-	10yr 3/2				Blocky		
10-60 Fine Sand	-	10yr 6/4				Single grain		
60-84 Fine Sand	-	10yr 7/4				Single grain		
		†						

Auger Used: Boring Number: Same as top end of last Soils E 10YR 2, 10YR 4, 10YR 4/6 L	Inspect Minnesota Hand/Bucket 1 o of ground at west drainfield trench ncountered /2 Silt Loam /4 Silt Loam oamy Fine Sand	Surface Elevation Boring Depth In Inches	of	9/18/08 USDA
Soring Number: Same as top end of last Soils Er 10YR 2, 10YR 4/6 L	1 o of ground at west trainfield trench ncountered //2 Silt Loam	Surface Elevation Boring Depth In	Boring Number:	
Same as top end of last Soils E 10YR 2, 10YR 4, 10YR 4/6 L	o of ground at west c drainfield trench ncountered /2 Silt Loam	Elevation Boring Depth In	of	countered
end of last Soils Er 10YR 2 10YR 4 10YR 4/6 L	c drainfield trench ncountered /2 Silt Loam /4 Silt Loam	Elevation Boring Depth In	of	countered
10YR 2, 10YR 4, 10YR 4/6 L	/2 Silt Loam /4 Silt Loam		Soils En	countered
10YR 2, 10YR 4, 10YR 4/6 L	/2 Silt Loam /4 Silt Loam	Inches		
	Medium Sand			
epth To End Of B	oring Or Mottled Soils		Depth To End Of Bo	ring Or Mottled Soils
levation Of Boring	Relative To System		Elevation Of Boring	Relative To System
epth To Bottom (f Separation	Of System			f System
nd Of Boring At:	84"		End Of Boring At:	
Soil Present At:	None	Mottl	ed Soil Present At:	
	evation Of Boring epth To Bottom Of f Separation nd Of Boring At:	nd Of Boring At: 84" Soil Present At: None	evation Of Boring Relative To System epth To Bottom Of System f Separation nd Of Boring At: 84" Soil Present At: None Mottl	evation Of Boring Relative To System Elevation Of Boring ppth To Bottom Of System Depth To Bottom Of System Of Separation f Separation Of Separation Of Separation d Of Boring At: 84" End Of Boring At: One Soil Present At: None Mottled Soil Present At: None

Bottom Of Distribution Medium At: _____38 ____Inches

Page 8 of 10

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 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

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