1 of 10

P.O. Box 10853 White Be	ear Lake, MN 55110	Brian Humpal
651-492-7550/Brian@Mic	lwestsoiltesting.com	MPCA Licensed Advanced Inspector
SUBSURFACE SEWAGE	E TREATMENT SYSTEM	I (SSTS) COMPLIANCE REPORT
Date: July 2, 2019	<b>Time:</b> 2:30 PM	<b>Owner:</b> David Deming
Inspection Address: 16200	45 <sup>th</sup> St S, Afton, MN 55001	

#### **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 consists of two pre-cast septic tanks, a pre-cast lift tanks, and a mound.

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.

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 Humpol

Brian Humpal

Minnesota Pollution Com Control Agency 520 Lafayette Road North Existing S

St. Paul, MN 55155-4194

# **Compliance Inspection Form**

## Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

Page 1 of 3

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): 7/2/2019

#### Compliant – Certificate of Compliance

(Valid for 3 years from report date, unless shorter time frame outlined in Local Ordinance.)

#### ] 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 threat to public health and safety

Other Compliance Conditions (Compliance Component #3) – Imminent threat to public health and safety

2 of 10

Tank Integrity (Compliance Component #2) – Failing to protect groundwater

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	16200 45 <sup>th</sup> St S, Afton, MN 55001	Reason for inspection: <u>Property Transfer</u>
Property owner:	David Deming	Owner's phone: 651-398-3700
or		
Owner's represer	tative:	Representative phone:
Local regulatory a	authority: Washington County	Regulatory authority phone: 651-430-6655
Brief system desc	ription: <u>Two pre-cast septic tanks</u> , a pre-cas	t lift tank, and a mound.
Commonto or roo	ommondational	

Comments or recommendations:

#### Certification

wq-wwists4-31 • 1/24/12

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 Hu	mpal/Christo	pher	Uebe			Certification numbe	r: _	C5342/C9852
Business name:	Inspect N	linnesota, N	lidwe	st Soil Testing			License numbe	r: _	L2896
Inspector signatu	re:	Brian ;	Hu	mpal Africa		l	Phone numbe	r:	651-492-7550
Necessary or	- Locally	Require	d A	ttachment	S				
Soil boring lo	ogs	🛛 Syst	em/A	s-built drawing	)		Forms per local ordin	anc	e
Other inform	ation (list):	Report S	umm	ary, Property	Inforn	mation, Disc	claimer, License		
www.pca.state.mn.	us • 6	51-296-6300	•	800-657-3864	•	TTY 651-2	82-5332 or 800-657-386	4	• Available in alternative formats

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

System discharge sewage to the ground surface.	🗌 Yes 🛛 No
System discharge sewage to drain tile or surface waters.	🗌 Yes 🛛 No
System cause sewage backup into Iwelling or establishment.	🗌 Yes 🛛 No

an Imminent Threat to Public Health and Safety.

Comments/Explanation:

None of the above found.

#### Verification method(s):

- Searched for surface outlet
- Searched for seeping in yard/backup in home
- Excessive ponding in soil system/D-boxes
- Homeowner testimony (See Comments/Explanation)
- "Black soil" above soil dispersal system
- System requires "emergency" pumping
- Performed 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,	🗌 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"
Any "yes" answer above indic	atos the	Unable to verify (See Comments/Explanation)
system is Failing to Protect G		Other methods not listed (See Comments/Explanation)

Comments/Explanation:

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

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

a. Maintenance hole covers are damaged, cracked, unsecured, or appear to structurally unsound. 🗌 Yes* 🛛 No
--

b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety.  $\Box$  Yes\*  $\boxtimes$  No  $\Box$  Unknown \*System is an imminent threat to public health and safety

Explain:

c. System is non-protective of ground water for other conditions as determined by inspector □ Yes\* ⊠ No \*System is failing to protect groundwater

Explain:

#### 4. Soil Separation – Compliance component #4 of 5

Date of installation: 2013	Unknown	Verification method(s):	
Shoreland/Wellhead protection/Food Beverage Lodging?	🗌 Yes 🛛 No	Soil observation does not expire. Pr observations by two independent pa	
Compliance criteria:		unless site conditions have been alt	
For systems built prior to April 1, 1996, and not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment: Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	☐ Yes ☐ No	<ul> <li>requirements differ.</li> <li>Conducted soil observation(s) (A</li> <li>Two previous verifications (Attac</li> <li>Not applicable (Holding tank(s), not</li> <li>Unable to verify (See Comments/A</li> <li>Other (See Comments/Explanation)</li> </ul>	ch 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 record	S.
Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*			
"Experimental", "Other", or "Performance"	🗌 Yes 🗌 No	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 t Failing to Protect Groundwater.	the system is	*May be reduced up to 15 percent if Ordinance.	allowed by Local
Operating Permit and Nitrogen B	<b>MP*</b> – Compliance	e component #5 of 5 🛛 🖂 Not appl	icable
Is the system operated under an Operating Per	rmit? 🗌 Yes [	No If "yes", A below is required	
Is the system required to employ a Nitrogen BM	/IP? 🗌 Yes [	No If "yes", B below is required	
BMP=Best Management Practice(s) specif	fied in the system des	ign	

If the answer to both questions is "no", this section does not need to be completed.

#### **Compliance criteria**

5.

a.	Operating Permit number:	🗌 Yes 🗌 No
	Have the Operating Permit requirements been 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, 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.

## Inspect Minnesota & Midwest Soil Testing

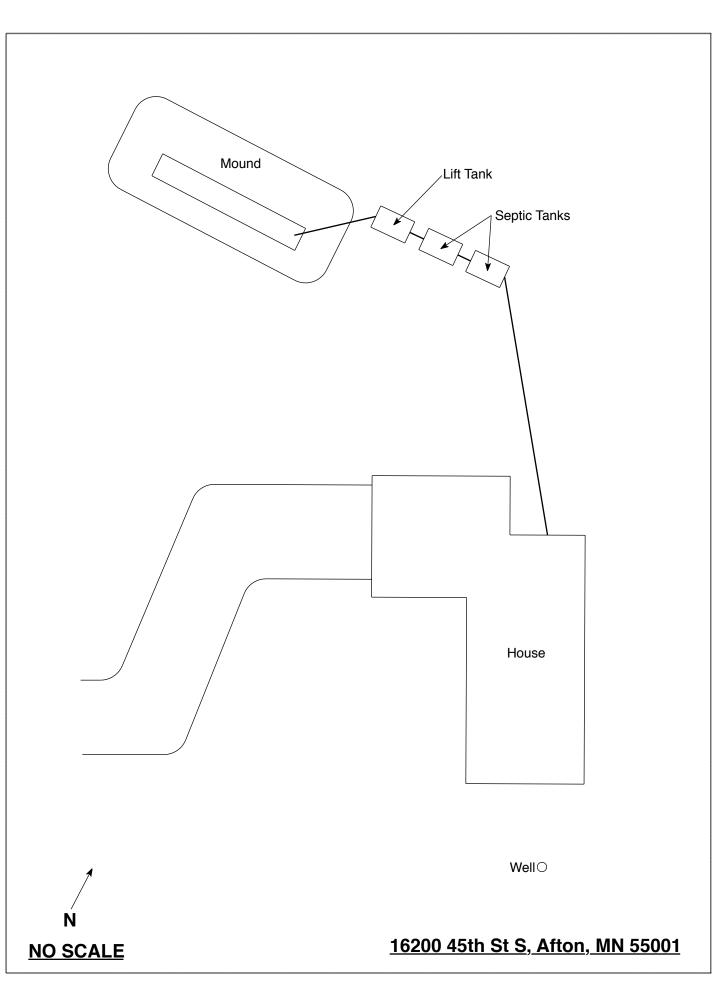
#### Subsurface Sewage Treatment System Owner/Property Information

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

Date of Inspection: July 2, 2019	Time: 2:30 PM							
Property Address: 16200 45 <sup>th</sup> St S, Afton, MN	Zip: 55001							
Property Address:16200 45th St S, Afton, MNProperty Owner:David Deming	Zip: 55001 Phone: 651-398-3700							
	eatment System Other							
	c trench Alternative system							
Aerobic Plastic Grav	elless trench Experimental system							
	nber trench Cesspool system							
☐ Holding ☐ Concrete ☐ Seep ☐ Other: ☐ Block ☐ Mou	age bed Other system							
Other At-gr								
Are the tank maintenance covers accessible? $\boxtimes$ Ye								
performed through the maintenance holes. Mainter								
the ground surface to facilitate access and proper m								
Year house built: 2013 Year septic installed								
How long has seller owned the property?	Number of residents in home?							
· · · · · ·	rs drained by gravity? Y							
<u> </u>	/hirlpool bath?							
More than one system (laundry, etc.)?								
Does this property have any footing drain tiles conr	nected to the septic system?							
Are any buildings on this property such as garages	or out-buildings connected to this system?							
Ano there are additional systems on this monanty a	arring other haildings?							
Are there any additional systems on this property se	erving other buildings?							
Location of septic system on lot? Northwest Side	L 1 11 1 110 XZ							
Location of water well on lot? South Side	Is the well a deep well? Y							
Have you ever experienced any problems with the system such as: tree roots, sewage back-ups,								
surfacing of sewage onto the ground, septic tank ov	erflowing, etc.; or have any repairs been made							
to the system? If yes, explain:								
When were the grater last symmetry 2015	Name of mumory Meyor's Server Service							
When was the system last pumped? 2015	Name of pumper: Meyer's Sewer Service							
How often pumped in previous years?	Is system on a monitoring plan?							
Have you received notices from any government ag Is your property located in a shoreland managemen								
Do you have any additional information that should								
	to given to the new owner?							

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:



-	ient/ Address	David De	eming			Land	scape position	Bac	Side Slope</th
Legal Desc	cription/ GPS	xxx 45th	St. S., Afton, MN				Vegetation	1	grass
Soil parent materials (Check all that apply)		Outw M Till	ash 🔲 Lacustrine	edrock 🗖 Organic	on #/Location:			Slope% 7.0	
					Soil su	rvey map units	<u> </u>	Slope shape	Linear, Linear
Depth (in)	Texture	Coarse Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)		tureI Grade	Consistence
-9	silt loam		10yr 5/2				Granular		
					:				
-14	silt loam		7.5yr 5/4				Blocky		
	1 	-							
4-26	sandy clay loam		7.5yr 5/3				Blocky		
26-42	sandy clay loam	• • • • •	5yr 5/3	10yr 6/1			Blocky	•	
		-	-			•			
	-								
		L	l	: 			i		
Comments	s light mottles	: 26"/ lime	stone deposits at 42	•					
					rdinances, rules a				

c	lient/ Address:	David De	eming			Land	scape position	Bac	k/ Side Slope
Legal Des	cription/ GPS	xxx 45th	St. S., Afton, MN		Vegetation		trees/grass		
	nt materials Il that apply)	Dutw D Till	rash ☐ Lacustrine ☐ Alluvium ☐ Be	☑ Loess sdrock  □ Organic		on #/Location: rvey map units		BH4 Slope shape	Slope% 12.0 Linear, Linear
Depth (in)	Texture	Coarse Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	I Struc	tureI Grade	Consistence
0-8	silt loam		10yr 4/2				Granular		
3-18	silt loam		10yr 5/4				Blocky		
8-30	sandy clay loam	-	10yr 5/4	:			Blocky		
0-36	fine loamy sand		10yr 5/4				Single grain		
		-					•		
		-							
Comment		1		I	1				
	Ok 36" / lime		osits 36°/ obstruction d this work in accordan		ordinances, rules a	and laws.			
Ed	EK 1/A (Designer)		£	<u>= ('ELL</u> (Signature)		_	3267 (License #)		<u>12/29/20 (/</u> (Date)

	Juitiona	al So	n Observa	tion Logs	Su Te			- Dat	e 12/26/2011 e 10:00 AM	·
с	lient/ Address:	David D	eming			Land	scape position	Ba	ck/ Side Slope	
Legal Des	cription/ GPS	xxx 45th	St. S., Afton, MN			Vegetation		trees/grass		
	ent materials Il that apply)	□ Outwash □ Lacustrine ☑ Loess ☑ Till □ Alluvium □ Bedrock □ Organic			Observation #/Locat			Slope shap	Slope%	
·		Coarse		· · · · · ·		vey map unc		j stope snap	e Linear, Linea	ar
Depth (in)	Texture	Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)		Grade	Consistence	
0-9	silt loam		10yr 5/2				Granular			
9-20	fine sandy loam		10yr 5/4				Blocky		-	
20-28	fine sandy loam	1	7.5yr 5/4		1		Blocky			
28-42	sandy clay Ioam	1	5yr 5/3				Blocky		•	
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	· · ·	÷ •••				•				
Comment	s OK 42" / time	stone de	posits at 42"	-	· · · · ·		: 	· · ·		
Comment	S <mark>OK 42" / lime</mark>	estone de	posits at 42"	- - 	Observatio	on #/Location:		внз	· · · · · · · · · · · · · · · · · · ·	
		Coarse		- - 			I Struct			
Depth (in)	Texture		Matrix Color(s)	Mottle Color(s)	Observation Redox Kind(s)	on #/Location: Indicator(s)	I Struct Shape		Consistence	
Depth (in) D-8	Texture silt loam	Coarse		Mottle Color(s)			I Struct	turel	Consistence	
Depth (in)	Texture silt loam sandy clay loam	Coarse	Matrix Color(s)	Mottle Color(s)			I Struct Shape	turel	Consistence	
Depth (in) D-8	Texture silt loam sandy clay	Coarse	Matrix Color(s) 10yr 4/2	Mottle Color(s)			I Struct Shape Granular	turel	Consistence	· · · · · · · · · · · · · · · · · · ·
Depth (in) D-8 8-24	Texture silt loam sandy clay loam sandy clay	Coarse	Matrix Color(s) 10yr 4/2 10yr 5/4				I Struct Shape Granular Blocky	turel	Consistence	
Depth (in) D-8 8-24	Texture silt loam sandy clay loam sandy clay	Coarse	Matrix Color(s) 10yr 4/2 10yr 5/4				I Struct Shape Granular Blocky	turel	Consistence	
Depth (in) D-8 8-24	Texture silt loam sandy clay loam sandy clay	Coarse	Matrix Color(s) 10yr 4/2 10yr 5/4				I Struct Shape Granular Blocky	turel	Consistence	

				ition Logs					12/26/2011 10:45 AM
c	lient/ Address	: David D	eming			Land	lscape position	Bac	k/ Side Slope
Legal Des	cription/ GPS	xxx 45th	St. S., Afton, MN				Vegetation	t	rees/grass
	nt materials Il that apply)	🖸 Outs	vash 🔲 Lacustri 🗌 Alluvium 📔			ion #/Location:		BH5	Slope% 12.0
		Coarse			Sort su	rvey map units	L	Slope shape	Linear, Linear
Depth (in)	Texture	Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)		tureI Grade	Consistence
0-9	silt loam		10yr 4/2		1		Granular		
9-18	silt loam		10yr 5/4			1	Blocky	•	:
18-28	sandy clay loam		5yr 5/3				Blocky		
				·					
					1 · · · ·				
	1								
Comment			• • • • • • •	:					-
Comment	<sup>5</sup> OK 28" /obsti	ruction/ l	imestone deposits		Observati	on #/Location:			
	<sup>5</sup> OK 28" /obstu Texture	Coarse	imestone deposits Matrix Color(s)	Mottle Color(s)			I Struct		Consistence
		Coarse		Mottle Color(s)	Observati Redox Kind(s)		I Struct	ureI Grade	Consistence
		Coarse		Mottle Color(s)			I Struct		Consistence
		Coarse		Mottle Color(s)			I Struct		Consistence
		Coarse		Mottle Color(s)			I Struct		Consistence
		Coarse		Mottle Color(s)			I Struct		Consistence
<u></u>		Coarse		Mottle Color(s)			I Struct		Consistence
Comment:		Coarse		Mottle Color(s)			I Struct		Consistence

#### U of MN Onsite Sewage Treatment Program Soil Boring Log

	t Material(s): le all that app		ash Lacus	44°53′13.25 trine Alluvium		nic Matter	edrock	·
	e Position: le one)	Summit	Shoulder)	Back/Side Slope	Foot Slope	Foe Slope		
Vegetation	1: GRASSLA	246	Soil Survey N	Aap Unit(s): 1533	>	Slope (%	): 10%	
Weather o	onditions/Tin	ne of Day:	SA,>	TLAGO SICT L	24.2	Slope Sha	ape:	
					Saturated Soil			
Depth (in)	Texture	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s) (see back)	I Shape	Structure Grade	I Consistence
	SILT LOAM			Concentrations Depletions Gleyed		Granular Platy Riceky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
8"- 24"	5ANDY CUA7 LOAM	10 4R 414		Concentrations Depletions Gleyed		Granular Platy Block Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
24-36"	SANDY CLAT LOAM	10 yR 514	10 TRU	Concentrations Depletions Gieyed		Granular Platy Elocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
				Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
				Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
				Concentrations Depietions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid

## **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 Expires: 12/22/2019

Issued: 11/20/2018

**Specialty Area(s):** 

License # L2896

Installer Maintainer Service Provider Advanced Designer Advanced Inspector

# **Designated Certified Individual(s):**

Cert #	Name	<b>Certification Expires:</b>
C9633	Anthony P Scully	3/5/2020
•	Installer, Designer (Apprentice)	
C5342	Brian L Humpal	10/15/2023
	Installer, Maintainer, Serv Prov, Adv D	esigner, Adv Inspector
C9852	Christopher R Uebe	3/4/2021
	Designer, Inspector	

## MINNESOTA POLLUTION CONTROL AGENCY

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

Nich Haig

Nick Haig, Supervisor Certification and Training Unit