
Inspect Minnesota & Midwest Soil Testing

P.O. Box 383 Hugo, MN 55038

Brian Humpal

651-492-7550/Brian@midwestsoiltesting.com

MPCA Licensed Advanced Inspector

SUBSURFACE SEWAGE TREATMENT SYSTEM (SSTS) COMPLIANCE REPORT

Date: October 11, 2016

Time: 12:00 PM

Owner: Shawn & Leesa Geary

Inspection Address: 14217 St Croix Trail, May Twp, MN 55082

REPORT SUMMARY

I have performed an "MPCA Compliance Inspection" on this system, have reviewed the history of the system with the owner, Shawn Geary, and have reviewed the original design/permit records on file at Washington County. This is a non-standard/type 4 system, which consists of two pre-cast septic tanks, a pre-cast dose tank, five peat filters, a pre-cast lift tank, and a seepage bed.

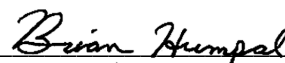
This type of system must be monitored and maintained at least once a year. Additionally, Washington County requires this system to have an operating permit; this permit must be renewed on an annual basis. As required with this inspection, the strength of the wastewater was tested and found to be well within the required limits.

The following conditions and recommendations should be noted to insure compliance and proper operation of the system: The system has apparently been pumped on a regular basis, however, the peat filters and other components have not been monitored or serviced since the system was installed. This service should be performed in the immediate future and annually thereafter. The maintenance covers on the four tanks are buried and not easily accessible for monitoring and maintenance. These maintenance covers should be extended to the ground surface to facilitate access to the system. The audible alarm on the last lift pump does not work and should be repaired. There is a high liquid level in the second septic tank. This appears to be due to a pipe that has either settled or the elevations that the tanks were installed at. It is my opinion that this condition has been present since the system was installed and it does not appear to have caused a problem, however, I recommend monitoring this condition and making any necessary repairs.

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

NOTE: This report is not complete without the inclusion/attachment of the additional pages which consist of up to three (3) MPCA drafted Compliance Inspection Documents, one (1) Homeowner/Occupant Information Sheet (when obtainable), one (1) site diagram, one (1) log of soil boring(s), one (1) Brian L Humpal, Inc. Disclaimer Sheet, and one (1) MPCA License.



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): 10/11/2016

[X] 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
[] 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: 14217 St Croix Trail, May Twp, MN 55082 Reason for inspection: Property Sale

Property owner: Shawn & Leesa Geary Owner's phone: 651-433-3702

Owner's representative: Representative phone:

Local regulatory authority: Washington County Regulatory authority phone: 651-430-4052

Brief system description: Two pre-cast septic tanks, a pre-cast dose tank, five peat filters, a pre-cast lift tank, and a sepage bed.

Comments or recommendations:

This type of system must be monitored and maintained at least once a year. Additionally, Washington County requires this system to have an operating permit; this permit must be renewed on an annual basis.

The following conditions and recommendations should be noted to insure compliance and proper operation of the system: The system has apparently been pumped on a regular basis, however, the peat filters and other components have not been monitored or serviced since the system was installed.

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 Certification number: L5342

Business name: Inspect Minnesota, Midwest Soil Testing License number: L2896

Inspector signature: Brian Humpal Phone number: 651-492-7550

Necessary or Locally Required Attachments

- [X] Soil boring logs [X] System/As-built drawing [] Forms per local ordinance

[X] Other information (list): Report Summary, Property Information, Disclaimer, License

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

Compliance criteria:

System discharge sewage to the ground surface.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System discharge sewage to drain tile or surface waters.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System cause sewage backup into dwelling or establishment.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Any "yes" answer above indicates the system is an Imminent Threat to Public Health and Safety.

Comments/Explanation:

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:

System consists of a seepage pit, cesspool, drywell, or leaching pit. <i>Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sewage tank(s) leak below their designed operating depth.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, which sewage tank(s) leaks:	

Any "yes" answer above indicates the system is Failing to Protect Groundwater.

Comments/Explanation:

Verification method(s):

- Probed tank(s) bottom
- Examined construction records
- Examined Tank Integrity Form (Attach)
- Observed liquid level below operating depth
- Examined empty (pumped) tanks(s)
- Probed outside tank(s) for "black soil"
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

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
 - 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:

- 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: 2006 Unknown
Shoreland/Wellhead protection/Food Beverage Lodging? Yes No

Verification method(s):

Soil observation does not expire. Previous soil observations by two independent parties are sufficient, unless site conditions have been altered or local requirements differ.

- Conducted soil observation(s) (Attach boring logs)
- Two previous verifications (Attach boring logs)
- Not applicable (Holding tank(s), no drainfield)
- Unable to verify (See Comments/Explanation)
- Other (See Comments/Explanation)

Compliance criteria:

<i>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:</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	
<i>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:</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*	
<i>“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)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	

Comments/Explanation:

Per Washington County, system bottom is above above 10 year flood elevation.

Wast strength exceeds expectations

Indicate depths of elevations

A. Bottom of distribution media	
B. Periodically saturated soil/bedrock	
C. System separation	
D. Required compliance separation*	

*May be reduced up to 15 percent if allowed by Local Ordinance.

Any “no” answer above indicates the system is Failing to Protect Groundwater.

5. 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**
 Is the system required to employ a Nitrogen BMP? Yes 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.

Compliance criteria

a. Operating Permit number: 0009-2 Have the Operating Permit requirements been met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b. Is the required nitrogen BMP in place and properly functioning?	<input type="checkbox"/> Yes <input type="checkbox"/> 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.*



333 Main Street NW
P.O. Box 388
Elk River, MN 55330
Phone: 763-441-7509
Fax: 763-441-9176

LABORATORY TEST REPORT

14217 ST. CROIX TR N
STILLWATER MN

File #: 15518
Date/Time in Lab: 10/12/2016 1:10 PM

Ordered By: BRIAN HUMPAL

Date/Time Sampled: 10/11/2016 1351

Sampled By: BRIAN HUMPAL

Sample Temp: > 4° C

Reason For Test: Fecal

METHOD: FECAL COLIFORM, MPN-SM 9223 B (COLLILERT QUANTI-TRAY) 21ST ED 1997

<u>SAMPLE LOCATION</u>	<u>DATE & TIME OF ANALYSIS</u>	<u>RESULT</u>
LIFT TANK EFFLUENT	10/13/2016 1325	12.1 MPN/100 mL

Notes:

The test results are only indicative of the sample tested from the sample point on the date collected.
This report must not be reproduced, except in full, without the written approval from Water Laboratories, Inc.
Minnesota Certification# 027-141-110, Wisconsin Certification #399044470

Signature: 

Amount Billed:

Date Paid:

Amount Paid:

Date Completed: 10/13/2016

Received By JK Entered By EK Edited By DT



**WASTEWATER TREATMENT
AND DISPERAL OPERATING PERMIT**

**Department of Public
Health and Environment**

Lowell Johnson
Director

David Brummel
Deputy Director

2016

System Location: 14217 St Croix Tr

PERMITTEE NAME: Shawn & Leesa Geary

ADDRESS: 14217 St Croix Tr
Stillwater, MN 55082

PHONE: (651)433-3702

PROPERTY ID. NUMBER (GIS LOCATION): 19-031-19-44-0004

SERVICE PROVIDER: C&B Excavation
SERVICE PROVIDER PHONE: (651)433-3986

Washington County authorizes the Permittee to operate a Type IV Subsurface Sewage Treatment System at the address named above in accordance with the requirements of this operating permit. The attached Management Plan is hereby incorporated as part of the requirements of this operating permit.

ISSUANCE DATE: 12/29/2015 EXPIRATION DATE: 12/31/2016

SYSTEM TYPE: IV TREATMENT LEVEL: B

SYSTEM DESIGN FLOW: 450

RESIDENTIAL/COMMERCIAL: Residential

SYSTEM COMPONENTS:

- **Tank 1: 1320**
- **Tank 2: 1320**
- **Pre-Treatment Device: Puraflo Peat Filters**
- **Pump Tank: 1000**
- **Soil Treatment System: 25' X 30' Pressure Bed**

Government Center • 14949 62nd Street North — P.O. Box 6, Stillwater, Minnesota 55082-0006
Phone: 651-430-6655 • Fax: 651-430-6730 • TTY: 651-430-6246
Service Centers also located in Cottage Grove and Forest Lake

www.co.washington.mn.us

Equal Employment Opportunity / Affirmative Action

MONITORING REQUIREMENTS

PARAMETER	TARGET LIMITS	FREQUENCY	LOCATION
Design Flow (GPD)	450	Daily	Water Meter/Pump
Average Flow (GPD)	330	Monthly	Water Meter/Pump
BOD ₅ (mg/L)			
CBOD ₅ (mg/L)	25	Annual	Lift Station
TSS (mg/L)	30	Annual	Lift Station
O&G (mg/L)			
Fecal Coliform Bacteria	<10,000 #/100ml	Annual	Lift Station
Total Nitrogen			
Field Tests: Temperature and D.O.			
Ponding/Surfacing in Soil Treatment	No Ponding or surface Discharge	Monthly	Pressure Bed

MONITORING PROTOCOL

Any sampling and laboratory testing procedures shall be performed in accordance with the proprietary treatment product's protocol, Standard Methods, and at a Minnesota Department of Health approved laboratory. Results shall be submitted to the Washington County Department of Public Health & Environment within 20 days of sampling or reading. The samples must be representative of the flow. Wastewater samples are expected to be taken during average to peak flow events to the greatest extent practical.

MAINTENANCE REQUIREMENTS

SYSTEM COMPONENT	MAINTENANCE	FREQUENCY
Septic Tank/Trash Tank	Pump Septic Tank	Every 3 Years
Puraflo Peat Filters	See Puraflo Operation Manual	Annual
Pump Tank and Controls	Inspect for damage, function, pump current draw (Amps)	Annual
Soil Treatment and Dispersal	Inspect for damage, function. Mowing as needed, Gopher Control	Monthly

CONTINGENCY PLAN

In the event the wastewater treatment system does not meet required performance requirements as contained in this operating permit, the Permittee shall notify the Department within 30 days of non-compliance. The Permittee is responsible to obtain the services of a MPCA-licensed Service Provider to complete the required corrective measures.

Bypasses, Public Safety

All bypasses where intentional or otherwise, surface discharge, spills or backups of sewage into buildings shall be mitigated immediately by the best means practicable to reduce human exposure. Such discharges shall be immediately reported to the Minnesota Duty Officer at (651)649-5451. All tanks shall have secure and locked covers to prevent unauthorized or accidental access. All electrical and control panels shall be secured to prevent unauthorized or accidental access.

AUTHORIZATION

This permit is effective on the issuance date identified above. This permit and the authorization to treat and disperse wastewater shall expire in one year. The Permittee is not authorized to discharge after the above date of expiration. The Permittee shall submit monitoring information and forms as required by the Washington County Department of Public Health & Environment no later than sixty (60) days prior to the above date of expiration for operating permit renewal. This permit is not transferable to person or place

The Permittee is required to obtain the services of a Minnesota Pollution Control Agency (MPCA) licensed 1) Service Provider to provide ongoing system operation, maintenance, and monitoring and 2) Maintainer to pump the system's sewage tanks and components.. If the Permittee fails to comply with the provisions of this operation permit, the Permittee understands that penalties may be issued. If the Permittee sells this property during the life of the permit, the Permittee will inform the new owner(s) of the permit requirements and the need to renew the operating permit.

Additional Conditions;

Reporting to the County shall be annual but flow readings should be recorded at least monthly or more frequently as determined by the operator. A method of recording actual daily (not average) flow is desirable.

Monthly maintenance and readings can be performed by the system owner.

Pumps/water meters shall be calibrated annually or immediately after alteration of piping or any noted change in pump or panel function.

THE OPERATING PERMIT IS HEREBY GRANTED TO: Shawn Geary

Permitting Authority Pete Ganzel

Title: Sr. Environmental Specialist

Telephone: 651-275-7283

Date: 12/29/2015

Signature: _____

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: October 11, 2016		Time: 12:00 PM	
Property Address: 14217 St Croix Trail, May Twp, MN		Zip: 55082	
Property Owner: Shawn & Leesa Geary		Phone: 651-433-3702	
<u>Tank(s)</u> <input checked="" type="checkbox"/> Septic 2 <input type="checkbox"/> Aerobic <input checked="" type="checkbox"/> Lift <input type="checkbox"/> Holding <input checked="" type="checkbox"/> Other: Dose 1	<u>Tank(s)Material</u> <input type="checkbox"/> Fiberglass <input type="checkbox"/> Plastic <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Block <input type="checkbox"/> Other _____	<u>Soil Treatment System</u> <input type="checkbox"/> Rock trench <input type="checkbox"/> Gravelless trench <input type="checkbox"/> Chamber trench <input checked="" type="checkbox"/> Seepage bed <input type="checkbox"/> Mound <input type="checkbox"/> At-grade	<u>Other</u> <input type="checkbox"/> Alternative system _____ <input type="checkbox"/> Experimental system _____ <input type="checkbox"/> Cesspool system _____ <input checked="" type="checkbox"/> Other system <u>Peat Filter</u> _____ _____
Are the tank maintenance covers accessible? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: 1927	Year septic installed: 2006	Tank size (gals.): 2-1320	
How long has seller owned the property? 2004		Number of residents in home? 2	
Number of bedrooms? 5	Are all floors drained by gravity? Y		
Garbage disposal? N		Whirlpool bath? N	
More than one system (laundry, etc.)? Y			
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? North 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 overflowing, etc.; or have any repairs been made to the system? N If yes, explain:			
When was the system last pumped? 2015		Name of pumper: C&B	
How often pumped in previous years? Every 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? Y			
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.

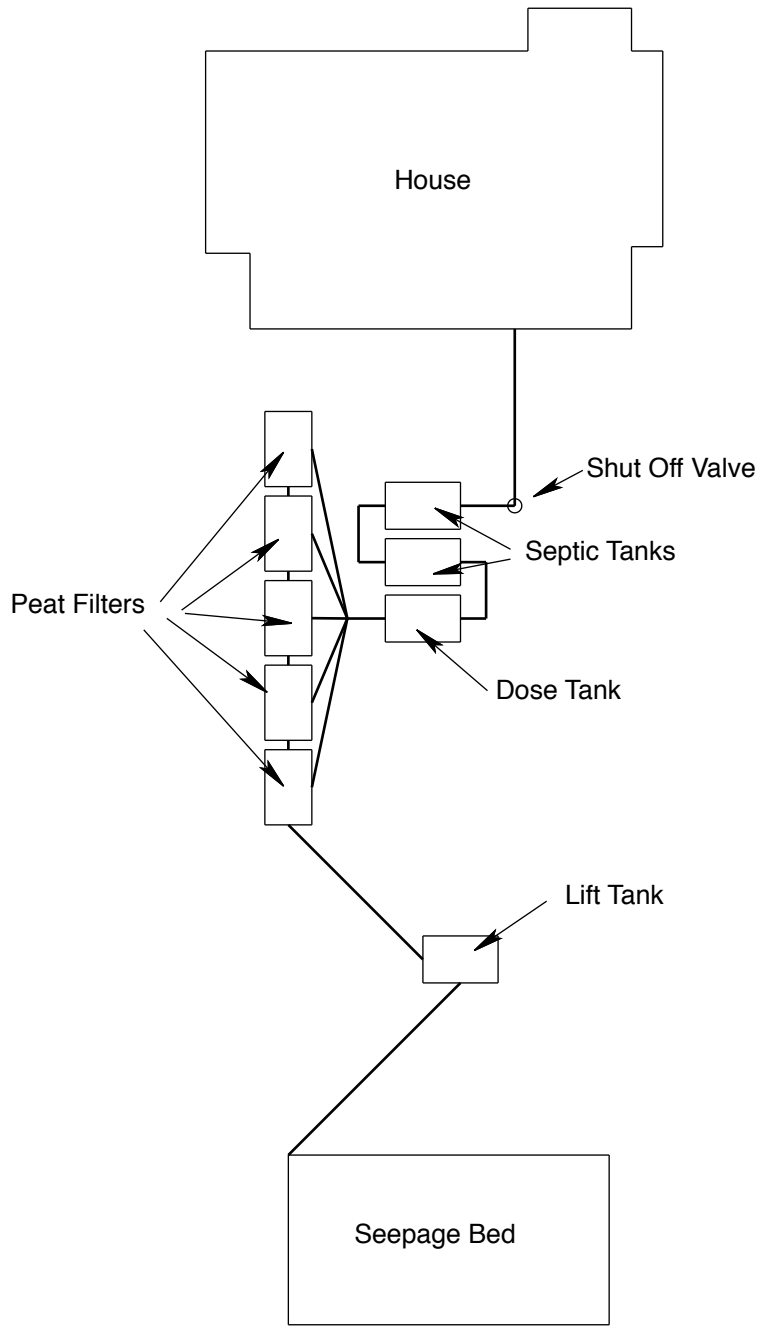
Owner/Occupant: Shawn Geary's Signature On File

Date: 10/11/2016

NO SCALE

Well ○

14217 St Croix Trail, May Twp, MN 55082



St. Croix River

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 only 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

License

License # L2896

Date of Issuance: Oct 28, 2015
 Maintainer License Expires: Dec 22, 2016
 Installer License Expires: Dec 22, 2016
 Adv Inspector License Expires: Dec 22, 2016
 Adv Designer License Expires: Dec 22, 2016

Inspect Minnesota, Midwest Soil Testing

Designated Certified Individual (DCI)	Certification Type	Certification Expires
Brian L. Humpal	Maintainer (Certified)	10/15/2017
Brian L. Humpal	Advanced Designer (Certified)	10/15/2017
Brian L. Humpal	Advanced Inspector (Certified)	10/15/2017
Brian L. Humpal	Installer (Certified)	10/15/2017
Brian L. Humpal	Service Provider (Certified)	10/15/2017
Christopher R. Uebe	Designer (Certified)	03/04/2018
Christopher R. Uebe	Inspector (Certified)	03/04/2018



Minnesota Pollution Control Agency

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

Steven Giddings
Steven Giddings
Manager

Environmental Business Assistance Section