Midwest Sewer Services

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

Inspection Address: 4980 Neal Ave N, Baytown Twp, MN 55082

REPORT SUMMARY

I have performed an "MPCA Compliance Inspection" on this system and have reviewed the original design/permit records, along with a previous compliance inspection from 2014, which were on file at Washington County. This system (installed in 1994) consists of two precast septic tanks and a rock trench drainfield. Pinky's Sewer Service pumped the septic tank on November 21, 2022.

Predicated on my inspection of the system and my review of the records, it is my opinion that this system presently meets MPCA minimum compliance inspection requirements.

Midwest Sewer Services have been hired to perform a compliance inspection of this SSTS for compliance with local ordinances pursuant to Minn. Stat. § 115.55 (2013). This compliance inspection covers only the criteria required by Minn. Stat. § 115.55 Subd. 5a (2013) and Minn. R. 7080.1500 (2011). A compliance inspection is an indication of the current compliance status of the system and does not guarantee the performance or longevity of this system beyond the date of inspection, as it is impossible to determine the future performance of any system. Midwest Sewer Services disclaim any use of this compliance inspection beyond determining SSTS compliance pursuant to Minn. Stat. § 115.55 Subd. 5a (2013) and Minn. R. 7080.1500 (2011).

Please contact me should you have any questions.

Christopher Uebe

Brian Humpal

Brian Humpal



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

Compliance inspection report form Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf.

Property information	Local tracking number:
Parcel ID# or Sec/Twp/Range:	Reason for Inspection Property Transfer
Local regulatory authority info: Washington County	
Property address: 4980 Neal Ave N, Baytown Twp, MN 55082	(-
Owner/representative: Daniel Ryan	Owner's phone: <u>209-642-3552</u>
Brief system description: Two pre-cast septic tanks and a rock t	rench drainfield.
System status	
System status on date (mm/dd/yyyy):9/6/2023	
☐ Compliant – Certificate of compliance*	☐ Noncompliant – Notice of noncompliance
(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and	Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.
abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)	An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt
*Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.	of this notice or within a shorter period if required by local ordinance or under section 145A.04 subdivision 8.
Reason(s) for noncompliance (check all applicate	ole)
☐ Impact on public health (Compliance component #1) – Immil	•
☐ Tank integrity (Compliance component #2) – Failing to prote	ect groundwater
$\hfill \Box$ Other Compliance Conditions (Compliance component #3) -	- Imminent threat to public health and safety
☐ Other Compliance Conditions (Compliance component #3) -	- Failing to protect groundwater
☐ System not abandoned according to Minn. R. 7080.2500 (Co	ompliance component #3) – Failing to protect groundwater
Soil separation (Compliance component #5) – Failing to prot	-
Operating permit/monitoring plan requirements (Compliance	component #4) – Noncompliant - local ordinance applies
Comments or recommendations	
Certification	
future system performance has been nor can be made due to unknown	to determine the compliance status of this system. No determination of wn conditions during system construction, possible abuse of the system,
inadequate maintenance, or future water usage.	
used for the purpose of processing this form.	e and correct, to the best of my knowledge, and that this information can be
Business name: Midwest Sewer Services	Certification number: 5342/9852
Inspector signature: Brian Humpal Home	License number: L2896
(This document has been electronically sign	ned) Phone: 651-492-7550
Necessary or locally required supporting do	cumentation (must be attached)
oximes Soil observation logs $oximes$ System/As-Built $oximes$ Locally red	quired forms 🛛 Tank Integrity Assessment 🔲 Operating Permit
$\ igstyle$ Other information (list): Report Summary, Property Informa	tion, Disclaimer

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800-657-3864

Use your preferred relay service

Available in alternative formats

Compliance criteria:		Attached supporting d	ocumentation:
System discharges sewage to the	☐ Yes* ⊠ No	Other:	
ground surface		☐ Not applicable	
System discharges sewage to drain tile or surface waters.	☐ Yes* ⊠ No		
System causes sewage backup into dwelling or establishment.	☐ Yes* ☐ No		
Any "yes" answer above indicates imminent threat to public health a			
Describe verification methods and	l results:		
None of the above found.			
nk integrity – Compliance	component #2	of 5	
nk integrity – Compliance Compliance criteria:	e component #2	of 5 Attached supporting d	ocumentation:
Compliance criteria: System consists of a seepage pit,	e component #2		
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit,	· ·	Attached supporting d	y inspector
Compliance criteria: System consists of a seepage pit,	· ·	Attached supporting d ☐ Empty tank(s) viewed b	y inspector pusiness:
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	☐ Yes* ☑ No	Attached supporting d Empty tank(s) viewed b Name of maintenance b	y inspector pusiness:
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their	☐ Yes* ☑ No	Attached supporting d ☐ Empty tank(s) viewed b Name of maintenance b License number of main	y inspector pusiness: ntenance business:
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their	☐ Yes* ☑ No	Attached supporting d Empty tank(s) viewed b Name of maintenance b License number of main Date of maintenance:	y inspector pusiness: ntenance business:
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth?	☐ Yes* ☒ No ☐ Yes* ☒ No ☐ Yes* ☒ No	Attached supporting d Empty tank(s) viewed b Name of maintenance b License number of maintenance: Existing tank integrity as Date of maintenance (mm/dd/yyyy):	y inspector pusiness: Intenance business: Intena
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their designed operating depth? If yes, which sewage tank(s) leaks: Any "yes" answer above indicates.	☐ Yes* ☒ No ☐ Yes* ☒ No ☐ Yes* ☒ No	Attached supporting d Empty tank(s) viewed b Name of maintenance b License number of maintenance: Existing tank integrity as Date of maintenance (mm/dd/yyyy): (See form instructions to Minn. R. 7082.0700 sub	y inspector pusiness: Intenance business: Intena

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	s Name:	Midwest Sewer	Services					Date:	9/6/2023
Ot	her cor	mpliance co	nditions -	- Complian	ce compo	nent #3 of	5		
3a.				structurally uns	ound (damag	ed, cracked, et	c.), or unse	ecured?	
2 h		No ☐ Unkno		mmodiataly and	advaraalv im	naat nublia baa	ulth or oafo	5.2 □ V	* MNa Duales
30.				•	-	•	iilii oi saie	ty? ∐ Yes	s* ⊠ No □ Unkno
30		-		inent threat to p ter for other con			nector?	П Уо	s* ⊠ No
	-	•	_	with Minn. R. 70		terrifice by fris	pecioi :	_	s ⊠ No s* ⊠ No
ou.	-			o protect groun					3 🖾 140
		e verification n	_	-	idwater.				
	20002		ioniodo dila i						
	Attache	d supporting d	ocumentation	ı: 🏿 Not applica	able 🗌				
	Attache	d supporting d	ocumentation	ı: ⊠ Not applica	able 🗌				
Op									Not applicable
	eratin		d nitroger	n BMP* – C		e compone	ent #4 c	of 5 ⊠	
Is th	erating	g permit ar	d nitroger	n BMP* – C	omplianc	e compon	ent #4 c	of 5 ⊠ If "yes",	Not applicable
ls th	erating ne system ne system	g permit ar operated under required to emp	an Operating	n BMP* – C	ompliand	e compone □ Ye n design? □ Ye	ent #4 c	of 5 ⊠ If "yes",	Not applicable A below is requi
Is th	ne system ne system ne system BMP = 1	g permit ar operated under required to emplest Manageme	an Operating ploy a Nitrogen ent Practice(s)	n BMP* — C Permit? BMP specified	ompliand in the system system desig	e compone Ye n design? Ye	ent #4 c	of 5 🔀 If "yes", If "yes",	Not applicable A below is requi
Is th	perating the system the system $BMP = R$ the answe	g permit ar operated under required to emplest Manageme	an Operating ploy a Nitrogen ent Practice(s)	Permit? BMP specified specified in the	ompliand in the system system desig	e compone Ye n design? Ye	ent #4 c	of 5 🔀 If "yes", If "yes",	Not applicable A below is requi
Is the list	ne system ne system BMP = n ne answe	g permit ar operated under required to emp Best Manageme er to both que	an Operating ploy a Nitrogen ent Practice(s) estions is "no	n BMP* — C Permit? BMP specified specified in the o", this section	ompliand in the system system design	e compone Ye n design? Ye	ent #4 c	of 5 🔀 If "yes", If "yes",	Not applicable A below is requi
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Is the list	ne system ne system ne system ne answe mpliance a. Have the	operated under required to emplest Management to both quester to both quester to perating per required nitrogen	an Operating oloy a Nitrogen ent Practice(s) estions is "nemit requirement BMP in place	Permit? BMP specified in the o", this section the been met? and properly fundaments.	in the system system design does not	e compone Ye design? Ye n t need to be o	ent #4 c	of 5 🔀 If "yes", If "yes",	Not applicable A below is requi
Is the list	ne system ne system ne system ne answe mpliance a. Have th o. Is the re Any "	operated under required to emplest Management to both quester to both quester to perating per required nitrogen	an Operating ploy a Nitrogen ent Practice(s) estions is "no mit requirement BMP in place indicates n	Permit? BMP specified specified in the o", this section that been met? and properly function on compliants.	in the system system design does not	e compone Ye design? Ye n t need to be o	ent #4 c	of 5 🔀 If "yes", If "yes",	Not applicable A below is requi

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Page 3 of 4

operty Address: 4980 Neal Ave N, Baytown Twp	, MN 550)82	Data: 0	/e/2022
siness Name: Midwest Sewer Services			Date: <u>9</u>	/6/2023
Soil separation – Compliance com	npone	nt #5 of	f 5	
Date of installation 1994 (mm/dd/yyyy)	Unkr	iown		
Shoreland/Wellhead protection/Food beverage lodging?	⊠ Yes	□ No	Attached supporting documentation: Soil observation logs completed for the support of the suppo	
Compliance criteria (select one):			☐ Two previous verifications of require	-
5a. For systems built prior to April 1, 1996, and	☐ Yes	☐ No*	☐ Not applicable (No soil treatment are	ea)
not located in Shoreland or Wellhead Protection Area or not serving a food,			⊠ Reviewed previous compliance insp	ection from 2014.
beverage or lodging establishment:			Reviewed design and permit records	S.
Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.				
5b.Non-performance systems built	⊠ Yes	□ No*	Indicate depths or elevations	
April 1, 1996, or later or for non- performance systems located in Shoreland or Wellhead Protection Areas or serving a			A. Bottom of distribution media	See Attached Boring Log(s)
food, beverage, or lodging establishment:			B. Periodically saturated soil/bedrock	
Drainfield has a three-foot vertical separation distance from periodically			C. System separation	
saturated soil or bedrock.*			D. Required compliance separation*	
			*May be reduced up to 15 percent if al Ordinance.	lowed by Local
5c. "Experimental", "Other", or "Performance" systems built under pre-2008 Rules; Type IV or V systems built under 2008 Rules 7080. 2350 or 7080.2400 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day)	☐ Yes	□ No*		
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.				

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.

0 01	f 12
ony. Milwater	State: MN Parcel ID: Zip code: 55087
Optional section: Sewage Tank Compliance (Certification (Tank integrity assessment)
and form, completed, may serve as a tank integrity asset	report and only certifies sewage tank
Maintenance Business who personally conducts the necessary pr	gned by a Designated Certified Individual (DCI) of a licensed SST
When this section of the form is signed by a qualified certified professional System Compliance Inspection Report: Compliance inspection on the MPCA website at https://www.pcc.edu.	fessional, it becomes necessary supporting documentation to an
The information and certified statement on this form is required windividual other than the SSTS Inspector that submits an inspectio component compliance and is allowable under Minn. R. 7082.0700 three years beyond the signature date on this form unless a new expective according to local regulations. Additional Administrative R. 7082.0700, subp. 4 Items B. C. and D. 7082.0700	when existing septic tank compliance status is determined by an one report. This form represents a third party assessment of 2000.
To thindate of Sewage tank compliance	
will till be statements.	Notice of sewage tank non-compliance
The SSTS does not contain a seepage pit, cesspool, drywell, leaching pit, or other pit. It does not contain a sewage tank that was designed to be watertight, but subsequently leaks below the designed operating depth. It does not represent an imminent safety threat by reason of unsecured, damaged, or weak maintenance hole cover(s) or other unsafe condition.	The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit – "Failure to Protect Groundwater." ☐ It has a sewage tank that was designed to be watertight, but subsequently leaks below the designed operating depth – "Failure to Protect Groundwater It presents a threat to public safety by reason of unsecured, damaged, or weak maintenance hole cover(s) or other upsets a sentitivity.
company information	to Public Health or Safety."
company name: Physical Section 2000 Company name below, I certify the above statements in the information can be used for the purpose of processing this form. Designated Certified Individual's signature:	Designated Certified Individual (DCI) information Print name: Certification number:

<u>Midwest Šewer Testing</u> <u>Subsurface Sewage Treatment System Owner/Property Information</u>

This information will be used for the purpose of conducting an MPCA	Compliance Inspection.			
Date of Inspection: September 6, 2023	Time: 9:15 AM			
Property Address: 4980 Neal Ave N, Baytown Twp, MN	Zip: 55082			
Property Owner: Daniel Ryan	Phone: 209-642-3552			
Tank(s) Tank(s)Material Soil Treatment System	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 cover	ers should be made accessible to			
the ground surface to facilitate access and proper maintenance of t	the system.			
Year house built: 1995 Year septic installed: 1994	Tank size (gals.): 2-1000			
	sidents in home?			
Number of bedrooms? 3 Are all floors drained by g	ravity? Y			
Garbage disposal? Whirlpool bath?				
More than one system (laundry, etc.)?				
Does this property have any footing drain tiles connected to the se	eptic system?			
Are there are additional systems on this property such as garages or out-building	_			
Are there any additional systems on this property serving other bu	ildings?			
Location of septic system on lot? West Side				
	e well a deep well? Y			
Have you ever experienced any problems with the system such as surfacing of sewage onto the ground, septic tank overflowing, etc. to the system? If yes, explain:				
When was the system last pumped? 11/21/2022 Name of pum	per: Pinky's Sewer Service			
How often pumped in previous years?				
Have you received notices from any government agency concerning	ng this system?			
Is your property located in a shoreland management area? Y				
Do you have any additional information that should be given to the	e new owner?			
I hereby certify that the above information is correct to the best of my knowledge considered "non-compliant/failing" per MPCA rules, that the inspector must by local government unit within 15 days of the date of inspection completion. I all this property that I was a subject to the property of all for five for all the first that I was a subject to the property of all for five for all the first that I was a subject to the property of all for five for all the first that I was a subject to the property of all five for all the first that I was a subject to the property of the property o	law submit a copy of this report to the			

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:	Date:

Soil Observations Log

Observations Made By: Midwest Sewer Services Date: 9/6/2023	Loca	ation of Project:	4980 Neal Ave N, E	Bavtowr	Twp, M	1N 55082	
Soil Observation: ST-1 Surface Elevation of Observation Of Obser					1- /		9/6/2023
Surface Elevation of Observation Same ground surface as last drainfield trench Soils Encountered Depth In Inches Rock % Soils Encountered Depth Inches Rock % Ro	Classif	ication System:	USDA	USDA			
Elevation of Observation Same ground surface as last drainfield trench Soils Encountered Depth In Inches	S	oil Observation:	ST-1		Soil C	bservation:	
Total Tot	Elevation of	ا		Elevat	tion of		
11-24 24-30 ≈15 7.5YR 3/4 Sandy Loam (Very Dry) 7.5YR 3/4 Sandy Loam With Gravel And Iron Nodules 30-70 ≈15 7.5YR 3/4 Medium Sand With Gravel	י ו אחרע י	Soils E	<u>Encountered</u>		Rock %	Soils	Encountered
SameElevation Of Observation Relative To SystemElevation Of Observation Relative To System-37"Depth To Bottom Of Distribution MediaDepth To Bottom Of Distribution Media≥33"Of SeparationOf SeparationEnd Of Soil Observation At:70"End Of Soil Observation At:Limiting Soil Conditions At:NoneLimiting Soil Conditions At:	11-24 24-30 ≈15	7.5YR 3/4 Si 7.5YR 3/4 San And I	It Loam (Very Dry) dy Loam With Gravel ron Nodules				
-37" Depth To Bottom Of Distribution Media ≥33" Of Separation End Of Soil Observation At: 70" End Of Soil Observation At: Limiting Soil Conditions At: None Limiting Soil Conditions At:	70" Depth	To End Of Soil O	bservation Or Redox		Depth T	ı To End Of Soil	Observation Or Redox
≥33" Of Separation Of Separation End Of Soil Observation At: 70" End Of Soil Observation At: Limiting Soil Conditions At: None Limiting Soil Conditions At:							
End Of Soil Observation At: 70" End Of Soil Observation At: Limiting Soil Conditions At: None Limiting Soil Conditions At:	-37" Depth		stribution Media				Distribution Media
Limiting Soil Conditions At: None Limiting Soil Conditions At:	≥33 Ut Se	paration			or Sepa	aration	
Limiting Soil Conditions At: None Limiting Soil Conditions At:	End Of Soi	l Observation At:	70"	End Of	Soil Ob	servation At:	
Standing water Fresent At. None Standing water Fresent At.			None		_		

Bottom Of Dist	Bottom Of Distribution Medium At: 37 Inches			
Signature:	Color Va			

Log Of Soil Borings

Loc	Location of Project: 4980 Neal Ave N, Baytown, MN 55082				
Е	Borings Made By:	Inspect Minnesota		Date:	3/4/14
	Auger Used: Hand/Bucket			Classification System: USDA	
	Boring Number:	1	Boring Number:		
Surface Elevation Boring	of Same grou	ind surface as last ofield trench	Surface Elevation of Boring	of	
Depth In Inches	Soils E	ncountered	Depth In Inches	Soils Er	countered
0-35 35-71	7.5YR 3/4 Loamy	Loam (Very Dry) Fine Sand (Very Dry) sal At 71"			
71"	Depth To End Of B	oring Or Redox		Depth To End Of Bo	oring Or Redox
Same	Elevation Of Boring	g Relative To System	E	Elevation Of Boring	Relative To System
-37"	Depth To Bottom (Of System		Depth To Bottom C	of System
≥34"	Of Separation			Of Separation	
	End Of Boring At:	71"		End Of Boring At:	
	Redox Present At:	None		Redox Present At:	
Standing				Water Present At:	
Standing Water Present At: None			Starialing	Tracer i reserie Ati	

Bottom Of Distribution Medium At: 37 Inches

SOIL BORING LOG SHEET

LOCATION: LOT 6, BLK 1, LAKE MCDONALD WOODS ADD

DATE OF BORINGS: 11/9/94

BORINGS MADE BY:

JEFF CHILDERS - CERTIFICATION # 2122

DEPTH	BORING# B3	DEPTH	BORING#
IN		IN	
FEET	ELEVATION	FEET	ELEVATION
	EDEVALION		- ISBN ATION
0		0	
1	TOP SOIL	1	
2		2	
3		3	
4	BROWN SANDY LOAM	4	
5		5	
6	BROWN SAND/ROCKS/TR. SILT IRON STAINED	6	
7		7	
8	PODING & 600 FEET	8	ODING & PURT

END OF BORING $\hat{w} = 6.00$

WATER TABLE OR MOTTFLED SOIL-

YES

WATER TABLE OR MOTTLED SOIL-

NO

OBSERVATIONS AND COMMENTS- 4" HAND AUGER BORING.

DISCLAIMER

Brian L. Humpal, Inc. dba. Midwest Sewer Services, Inspect Minnesota, Midwest Soil Testing Relative to Subsurface Sewage Treatment System (SSTS) Compliance Inspections

- 1. This inspection/report is being performed for only the seller/owner of the property on which the SSTS is located. In such case that another party is paying for the inspection, the contract is between only said party and Brian L. Humpal, Inc.; there is no contract between Brian L. Humpal, Inc. and any other party unless otherwise noted.
- 3. Brian L. Humpal, Inc. has not been retained to warranty, guarantee, or certify the proper functioning of the SSTS for any period of time beyond the date of inspection or into the future. Because of the numerous factors (usage, maintenance, soil characteristics, previous failures, etc.) which may affect the proper operation of an SSTS, as well as the inability of Brian L. Humpal, Inc. to supervise or monitor the use or maintenance of the SSTS, the report shall not be construed as a warranty by Brian L. Humpal, Inc. that the SSTS will function properly for any particular party for any period of time.
- 4. Brian L. Humpal, Inc. is unable to verify the frequency and/or, quality of prior or future maintenance of the SSTS. Maintenance of the tank(s) must be performed through the tanks maintenance hole. The removal of solids from any location other than the maintenance hole is not a compliant method of maintenance. It is strongly recommended that maintenance covers be made accessible to the ground surface to facilitate proper maintenance.
- 5. Minimum Compliance Inspection requirements relative to this inspection and this report include 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 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.