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: 11709 122nd St S, Denmark Twp, MN 55033

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 tank, and a mound. Pinky's Sewer Service pumped the tanks on January 3, 2023.

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.

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



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	<u> </u>		
Property address: 11709 122 nd St S, Denmark Twp, MN 55033	3		
Owner/representative: Greg King		Owner's phone: 612-483-4562	
Brief system description: Two pre-cast septic tanks, a pre-cast I	ift tank, and a mound.		
System status			
System status on date (mm/dd/yyyy):1/3/2023			
□ Compliant – Certificate of compliance*	☐ Noncompliant – Notice	ce of noncompliance	
(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or	Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.		
a shorter time frame exists in Local Ordinance.)	•	health and safety (ITPHS) must be se 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.	, •	ter period if required by local ordinance or	
Reason(s) for noncompliance (check all applicate	ole)		
☐ Impact on public health (Compliance component #1) – Immi	nent threat to public health a	and safety	
☐ Tank integrity (Compliance component #2) – Failing to prote	ct groundwater		
☐ Other Compliance Conditions (Compliance component #3) -	- Imminent threat to public h	ealth and safety	
☐ Other Compliance Conditions (Compliance component #3) -	- Failing to protect groundwa	nter	
☐ System not abandoned according to Minn. R. 7080.2500 (Co	ompliance component #3) -	Failing to protect groundwater	
☐ Soil separation (Compliance component #5) – Failing to prof	tect groundwater		
☐ Operating permit/monitoring plan requirements (Compliance	component #4) - Noncomp	liant - local ordinance applies	
Comments or recommendations			
Certification			
I hereby certify that all the necessary information has been gathered future system performance has been nor can be made due to unknow inadequate maintenance, or future water usage.			
By typing my name below, I certify the above statements to be true used for the purpose of processing this form.	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		Phone: 651-492-7550	
Necessary or locally required supporting do	cumentation (must b	e attached)	
 ☑ Soil observation logs ☑ System/As-Built ☑ Locally red ☑ Other information (list): Report Summary, Property Informa 	•	rity Assessment	

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800-657-3864

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Compliance criteria:		Attached supporting documentatio	n:
System discharges sewage to the ground surface	☐ Yes* ☒ No	☐ Other: ☐ 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 ar			
Describe verification methods and	l results:		
None of the above found.			
ank integrity Compliance	component #2	of E	
ank integrity – Compliance	component #2	of 5	
<u> </u>	component #2		n:
Compliance criteria:	· ·	Attached supporting documentatio	n:
Compliance criteria: System consists of a seepage pit,	component #2		n:
Compliance criteria:	· ·	Attached supporting documentatio	
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit? Sewage tank(s) leak below their	· ·	Attached supporting documentatio ☑ Empty tank(s) viewed by inspector	Pinky's S Service
Compliance criteria: System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	☐ Yes* ⊠ No	Attached supporting documentatio ☑ Empty tank(s) viewed by inspector Name of maintenance business:	Pinky's S <u>Service</u> ess: <u>L1673</u>
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 documentation ☑ Empty tank(s) viewed by inspector Name of maintenance business: License number of maintenance businest of maintenance: □ Existing tank integrity assessment (Att	Pinky's S Service ess: <u>L1673</u> 1/3/2023
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 documentation Empty tank(s) viewed by inspector Name of maintenance business: License number of maintenance business attached business: Date of maintenance: Existing tank integrity assessment (Attached business)	Pinky's S Service ess: <u>L1673</u> 1/3/2023 ach)
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 documentation Empty tank(s) viewed by inspector Name of maintenance business: License number of maintenance business attached business: Date of maintenance: Existing tank integrity assessment (Attached business)	Pinky's S Service ess: <u>L1673</u> 1/3/2023 ach)
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Pro	operty Address: 11709 122 nd St S, Denmark Twp, MN 55033	
	siness Name: Midwest Sewer Services	Date: 1/3/2023
3.	Other compliance conditions – Compliance component #3 of 5	
	3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unso	ecured?
	☐ Yes* ☑ No ☐ Unknown	
	3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safe	ty? ☐ Yes* ☒ No ☐ Unknown
	*Yes to 3a or 3b - System is an imminent threat to public health and safety.	
	3c. System is non-protective of ground water for other conditions as determined by inspector?	☐ Yes* ☒ No
	3d. System not abandoned in accordance with Minn. R. 7080.2500?	☐ Yes* ☒ No
	*Yes to 3c or 3d - System is failing to protect groundwater.	
	Describe verification methods and results:	
	Attached supporting documentation: Not applicable	
4	Outputing request and vituages DBAD* Consuling a common and #4.	.f
<u>4.</u>	Operating permit and nitrogen BMP* – Compliance component #4 o	Not applicable
	Is the system operated under an Operating Permit?	If "yes", A below is required
	Is the system required to employ a Nitrogen BMP specified in the system design? \square Yes \square 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 complete	d.
	Compliance criteria:	
	a. Have the operating permit requirements been met? ☐ Yes ☐ No	
	b. Is the required nitrogen BMP in place and properly functioning? $\ \square$ Yes $\ \square$ No	
	Any "no" answer indicates noncompliance.	
	Describe verification methods and results:	
	Attached supporting documentation: Operating permit (Attach)	

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Soil separation – Compliance	component #	of 5
Date of installation 2004 (mm/dd/yyyy)	Unknown	
Shoreland/Wellhead protection/Food	☐ Yes 🖾 N	Attached supporting documentation:
beverage lodging?		oxtimes Soil observation logs completed for the report
Compliance criteria (select one):		☐ Two previous verifications of required vertical separa
5a. For systems built prior to April 1, 1996,	and ☐ Yes ☐ N	☐ Not applicable (No soil treatment area)
not located in Shoreland or Wellhead Protection Area or not serving a food, beverage or lodging establishment:		Reviewed design and permit records.
Drainfield has at least a two-foot vertica separation distance from periodically saturated soil or bedrock.	I	_
5b. Non-performance systems built	⊠ Yes □ N	Indicate depths or elevations
April 1, 1996, or later or for non- performance systems located in Shorel or Wellhead Protection Areas or serving		A. Bottom of distribution media See Attached Boring Log(s)
food, beverage, or lodging establishme		B. Periodically saturated soil/bedrock
Drainfield has a three-foot vertical		C. System separation
separation distance from periodically saturated soil or bedrock.*		D. Required compliance separation*
		*May be reduced up to 15 percent if allowed by Local Ordinance.
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 require 2,500 gallons per day; Advanced Inspectivence required > 2,500 gallons per day	d ≤ ctor	
Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.		

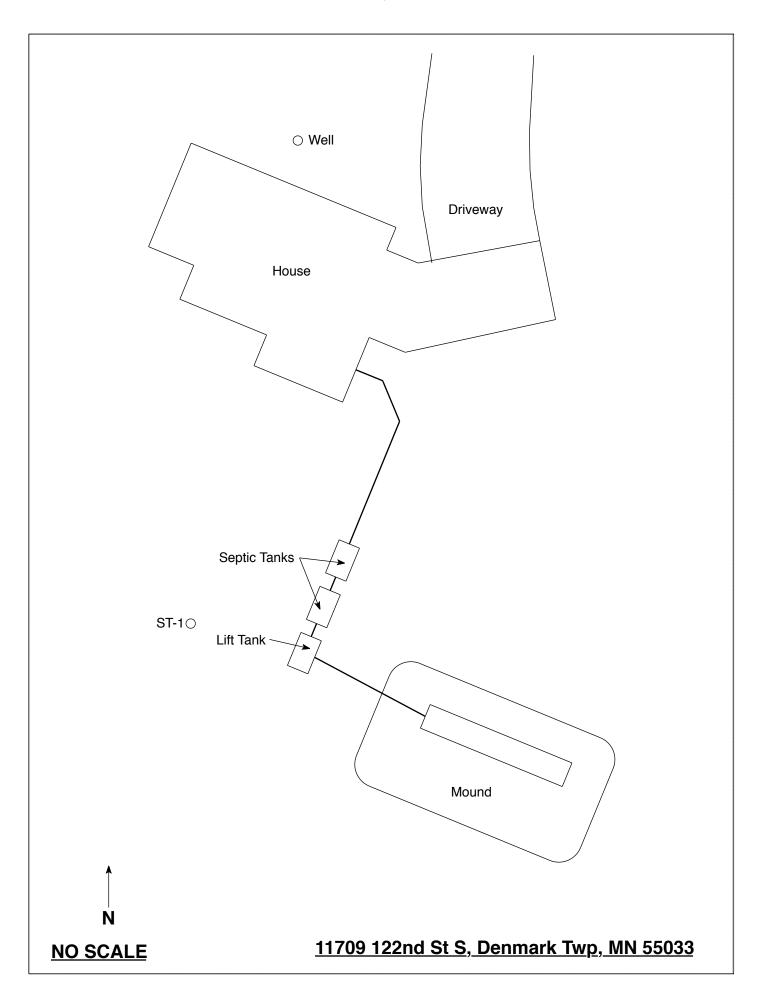
Upgrade requirements: (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, 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.

<u>Midwest Sewer 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: January 3, 2023	Time: 9:45 AM			
Property Address: 11709 122 nd St S, Denmark Twp, MN	Zip: 55033			
Property Owner: Greg King	Phone: 612-483-4562			
Tank(s) Tank(s)Material Soil Treatment System Septic 2 Fiberglass Rock trench Aerobic Plastic Gravelless trench Lift Metal Chamber trench Holding Concrete Seepage bed Other: Block Mound Other At-grade	Other Alternative system Experimental system Cesspool system Other system			
Are the tank maintenance covers accessible? ⊠ Yes ☐ No *If	no, proper maintenance must be			
performed through the maintenance holes. Maintenance hole cover				
the ground surface to facilitate access and proper maintenance of	the system.			
Year house built: 2004 Year septic installed: 2004	Tank size (gals.): 2-1000			
	sidents in home?			
Number of bedrooms? 4 Are all floors drained by g	J			
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 any buildings on this property such as garages or out-building	s connected to this system?			
Are there any additional systems on this property serving other bu	ildings?			
Location of septic system on lot? South Side				
Location of water well on lot? North Side	e 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? If yes, explain:				
When was the system last pumped? 1/3/23 Name of pumper: Pinky's Sewer Service				
How often pumped in previous years?				
Have you received notices from any government agency concerning this system?				
Is your property located in a shoreland management area? N				
Do you have any additional information that should be given to the	e new owner?			
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 ocal government unit within 15 days of the date of inspection completion. I also agree that unless otherwise noted in this report, that I was a submit a copy of this report to the law 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:	Date:



Soil Observations Log

Observations Made By: Midwest Sewer Services Date: 1/3/2023 Classification System: USDA Soil Observation: ST-1 Soil Observation: Surface Elevation of Observation Pepth In Inches Rock % Soils Encountered Depth In Inches 1078 3/4 Silt Loam 1078 3/4 Silt Loam (Dry) 1078 3/4 Silt Loam (Dry) 1078 3/4 Silt Loam With 7.5YR 5/8 Redox 28" Depth To End Of Soil Observation Or Redox 7.5YR 5/8 Redox Depth To End Of Soil Observation Or Redox Elevation Of Observation Or Redox Elevation Of Observation Or Redox Depth To End Of Soil Observation Or Redox Elevation Of Observation Or Redox Elevation Of Observation Or Redox Depth To End Of Soil Observation Or Redox Elevation Of Observation Or Observation Or Redox Elevation Of Observation Or Redox Depth To End Of Soil Observation Or Redox Depth To Bottom Of Observation Relative To System Of Soil Observation Of Observation Media Depth To Bottom Of Distribution Media Limiting Soil Conditions At:	Locat	ion of Project:	11709 122nd St S,	Denma	rk Twp.	MN 55033	
Classification System: USDA Soil Observation: ST-1 Soil Observation: ST-1 Soil Observation: ST-1 Soil Observation: Surface Elevation of Observation or original contour Pepth Inches							1/3/2023
Surface Elevation of Observation Popth In Inches O-5 5-15 10YR 2/2 Silt Loam 10YR 3/3 Silt Loam 10YR 3/4 Silt Loam (Dry) 10YR 3/4 Silt Loam With 7.5YR 5/8 Redox Depth To End Of Soil Observation Or Redox +48" Elevation of Observation Or Observation Or Observation Or Soil Observation Or Observation Observation Or Observation Observation Observation Observation Observation Observation Observation Observation Observation O							
Elevation of Observation Popth Inches Inches O-5	Soi	Observation:	ST-1		Soil C	bservation:	
Tinches Nock % Soils Effcountered Inches Inches Soils Effcountered Inches Inc	Elevation of	Surface Elevation of 48" below top of mound on		Elevat	ion of		
5-15 15-28 10YR 3/4 Silt Loam (Dry) 10YR 3/4 Silt Loam With 7.5YR 5/8 Redox 28" Depth To End Of Soil Observation Or Redox +48" Elevation Of Observation Below Top Of Mound -28" Depth To Bottom Of Distribution Media -28" Depth To Bottom Of Distribution Media -48" Of Soil Observation At: 8 Depth To Bottom Of Distribution Media -48" Of Soil Observation At: 10YR 3/3 Silt Loam 10YR 3/4 Silt Loam (Dry) 10YR 3/4 Silt Loam		Soils E	ncountered		Rock %	Soils	<u>Encountered</u>
+48"Elevation Of Observation Below Top Of MoundElevation Of Observation Relative To System-28"Depth To Bottom Of Distribution MediaDepth To Bottom Of Distribution Media=48"Of SeparationOf Separation End Of Soil Observation At:	5-15 15-28	10YR 3 10YR 3/4 10YR 3/4	3/3 Silt Loam Silt Loam (Dry) Silt Loam With				
-28" Depth To Bottom Of Distribution Media =48" Of Separation End Of Soil Observation At: Depth To Bottom Of Distribution Media Of Separation	28" Depth 7	epth To End Of Soil Observation Or Redox			Depth T	o End Of Soil	Observation Or Redox
=48" Of Separation Of Separation End Of Soil Observation At: 30" End Of Soil Observation At:		on Of Observation Below Top Of Mound			Elevatio	n Of Observat	tion Relative To System
End Of Soil Observation At: 30" End Of Soil Observation At:						Distribution Media	
	=48" Uf Separation			oi sepa	II a LI OI I		
	End Of Soil	End Of Soil Observation At: 30"		End Of	Soil Ob	servation At:	
			28"	Limitin	g Soil C	onditions At:	
Standing Water Present At: None Standing Water Present At:			None				

Bottom Of Distribution Medium At: 28 Inches			
Signature:	Color Va		



SOIL REVIEW/SEPTIC PERMIT APPLICATION

Washington County Health, Environment & Land Management 14900 61st Street N., P.O. Box 3803

JUN 2 4 2004

Stillwater, MN 55082-3803

FEE

612/430-6708 or 612/430-6656 FAX 612/430-6730

PUBLIC HEALTH

Make checks payable to WASHINGTON COUNTY TREASURER

FOR COUNTY USE ONLY

	IREASURER w Fee (1 hour minimum) per lot - Subdivision Fe	3	10004-04-18
Legal Description and Parcel Identification Number Eagles V	Vatch; Lot	1. BIK. B	952-445-4 9 0
Applicant Bohn Well Drilling Co. 14550 B	ress Dastline Ave.	City Shakopee	State Zip Phone 9 MN 55379
Owner (if different from applicant) KING, Greg 4 Sheila Builder. Mcl	Sonald Const	City	State Zip Phone
Use of Building: house Num	ber of Bedrooms: 4	Gall	ons Per Day: 600
Check the following fixture(s) which are or will be installed: Garbage		<u> </u>	acility: (jacuzzi, hot tub, etc.)
New System Approval Only Previously Approved I If this site has been previously approved, please a		ng System Repair Extended Exte	sting System Alteration Fill Site
The following exhibits are required as part of this application and shall showing location of buildings, lot lines, percolation test holes, soil bori (1) copy of the Final Building Plan. The house and the drainfield area	ng holes, proposed locati	on of system and well; two	(2) copies of the System Design; and one
AGREEMENT: The undersigned hereby makes Application for Permi shall be done in strict accordance with ordinances and regulations of the submitted herewith, and which are reviewed by the Washington County by conditions peculiar to a particular location, shall become a part of the Official or his agent for the purpose of performing inspections required APPLICATION IS FOR AN INSTALLATION AT A SPECIFIC LOCATION. It is shall be the responsibility of the applicant for the permit the shall be the responsibility of the applicant for the permit the shall be the responsibility of the applicant for the permit the shall be the responsibility of the applicant for the permit the shall be the responsibility of the application for the permit the shall be the responsibility of the application for Permit and Permit and Permit accordance with ordinances and regulations of the submitted properties and the shall be compared to the permit accordance with ordinances and regulations of the submitted properties and the properties are properties as the shall be compared to the permit accordance with ordinances and regulations of the submitted properties are properties.	e County of Washington, Building Official or his the permit. Applicant furth and that no part of the s ATION; ANY DEVIATION	Minnesota. Applicant agri- agent, together with any re- her agrees to provide access system shall be covered unti- DN FROM THE APPROVI	tes that the Site Plan, Sketches and Design quirement and/or restriction made necessary at reasonable times, to the Building I it has been inspected and accepted. ED LOCATION WILL VOID THE
Ham M Belle	•	11.2	4.04
Signature of Applicant (Owner or Builder)			Date
FOR	OFFICE USE O		
REVIEWS: PLANNER	INSPECTOR	CWL	DATE Z9UNOY
CETT ESLATILATION.			
SITE EVALUATION: Soil Boring Evaluation: Depth of Water Table, Seasonal	Water Table (Mottled So	il), Impervious Layer or Bo	edrock:
	·	il), Impervious Layer or Be	edrock:
Soil Boring Evaluation: Depth of Water Table, Seasonal	Percolation R	Test Evaluation:	
Soil Boring Evaluation: Depth of Water Table, Seasonal Soils Map Data: Setbacks: Well (including adjacent property)	Percolation R	Test Evaluation: equired [circle appropriate in the content of th	tem(s)] Actual
Soil Boring Evaluation: Depth of Water Table, Seasonal Soils Map Data: Setbacks: Well (including adjacent property) Wetland, Pond, Lake, Stream, River, or Bluffline	Percolation R 50' 20'	Test Evaluation: equired [circle appropriate i 75' 100' 150' 40' 75' 100'	tem(s)] Actual 150' I
Soil Boring Evaluation: Depth of Water Table, Seasonal Soils Map Data: Setbacks: Well (including adjacent property) Wetland, Pond, Lake, Stream, River, or Bluffline CONCLUSIONS: Site Suitable: Site Unsuitable:	Percolation R 50' 20' Additional Tests	Test Evaluation:	tem(s)] Actual I 150' I Verify Use:
Soil Boring Evaluation: Depth of Water Table, Seasonal Soils Map Data: Setbacks: Well (including adjacent property) Wetland, Pond, Lake, Stream, River, or Bluffline CONCLUSIONS: Site Suitable: NOTES: Lot Size Year	Percolation R 50' 20'	Test Evaluation: required [circle appropriate in 75' 100' 150' 40' 75' 100' Required:	tem(s)] Actual 150' Verify Use: By B1 70 50'
Soils Map Data: Setbacks: Well (including adjacent property) Wetland, Pond, Lake, Stream, River, or Bluffline CONCLUSIONS: Site Suitable: NOTES: Lot Size Year	Percolation R 50' 20' Additional Tests	Test Evaluation: required [circle appropriate in the sequence of the sequence	tem(s)] Actual 150' Verify Use: By B1 70 50" N6 Q 37"-50"
Soils Map Data: Setbacks: Well (including adjacent property) Wetland, Pond, Lake, Stream, River, or Bluffline CONCLUSIONS: Site Suitable: NOTES: Lot Size Year	Percolation R 50' 20' Additional Tests	Test Evaluation: required [circle appropriate if 75' 100' 150' 40' 75' 100' Required: Boline Mottil Loam	150' Verify Use: 34 B1 70 50" N6 Q 37"-50"
Soil Boring Evaluation: Depth of Water Table, Seasonal Soils Map Data: Setbacks: Well (including adjacent property) Wetland, Pond, Lake, Stream, River, or Bluffline CONCLUSIONS: Site Suitable: NOTES: Lot Size Year	Percolation R 50' 20' Additional Tests	Test Evaluation: required [circle appropriate if 75' 100' 150' 40' 75' 100' Required: Boline Mottil Loam	150' Verify Use: 34 B1 70 50" N6 Q 37"-50"
Soils Map Data: Setbacks: Well (including adjacent property) Wetland, Pond, Lake, Stream, River, or Bluffline CONCLUSIONS: Site Suitable: NOTES: Lot Size Year	Percolation R 50' 20' Additional Tests	Test Evaluation: required [circle appropriate in 75' 100' 150' 40' 75' 100' Required: Boline Mottil Loam FINE	tem(s)] Actual 150' Verify Use: By B1 70 50" N6 Q 37"-50"

Soil Boring Log

Date: 6-21-04

		BB	Twp.		
Client:Address:			Borings made by: GARY M. BOHN		
Addie	55	<u></u>	1043		
Dorin	City State	Zip	Lic.#		
	g method: Auger Pit Pro Number 3 /	be Other	Color classification system: Munsell Other Boring Number B 2		
	e Elevation		Boring Number <u>B Z</u> Surface Elevation		
1	pe at system depth:		Soil type at system depth:		
J 00 13		V-01-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Con type at eyetem depart		
Depth (Feet)	Texture	Color	Depth (Feet) Texture Color		
	109m	1042 3/1	- 10am 104,7 3/1		
1	Silt loam	loyr 44	1 silt loam 104 1/3		
2	Sitt loam	104 × 4/6	2 Silt Isam logt the		
3			- 3		
	loam	2.54 5/4	- silt loam 2.5, 5/4		
4			4 rock		
	-rock				
5	, ,		5		
6			6		
7			7		
Str	ucture: Blocky Platy Prism	atic None	Structure: Blocky Platy Prismatic None		
Slope: _ End of b	ooring at <u>4/8</u> feet.		Slope:% End of boring at <u>4.2</u> feet.		
Standing water table: yes no Present at feet of depth,			Standing water table: yes no Present at feet of depth,		
	hours after boring.		hours after boring.		
Mottled:	soil:		Mottled soil:		
Observed at feet of depth.			Observed at feet of depth.		
	ent in boring hole		Not present in boring hole		
Observa	tions and comments:		Observations and comments:		

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. 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.