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## Midwest Sewer Services

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P.O. Box 10853 White Bear Lake, MN 55110  
651-492-7550/Brian@Midwestsoiltesting.com

Brian Humpal  
MPCA Licensed Advanced Inspector

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### **SUBSURFACE SEWAGE TREATMENT SYSTEM (SSTS) COMPLIANCE REPORT**

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**Date:** November 12 & 18, 2020 **Time:** 1:15 PM **Owner:** Kingdom Hall of Jehovahs Witnesses

**Inspection Address:** 959 Paris Ave Cir N, West Lakeland, MN 55082

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### **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 very old system (installed in 1981) consists of a pre-cast septic tank and a rock trench drainfield. It should be noted that the average life expectancy of a septic system is approximately 30 years. The septic tank was pumped by Pinky’s Sewer Service on November 18, 2020.

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

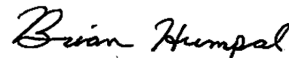
Midwest Sewer Services have been hired to perform a compliance inspection of this SSTS for compliance with local ordinances pursuant to Minn. Stat. § 115.55 (2013). This compliance inspection covers only the criteria required by Minn. Stat. § 115.55 Subd. 5a (2013) and Minn. R. 7080.1500 (2011). A compliance 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.



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Christopher Uebe



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Brian Humpal



**Minnesota Pollution Control Agency**

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

# 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): 11/18/2020

**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: 959 Paris Ave Cir N, West Lakeland, MN 55082 Reason for inspection: Property Transfer

Property owner: Kingdom Hall of Jehovah's Witnessess Owner's phone: \_\_\_\_\_

or  
Owner's representative: Jack Malluege Representative phone: 612-237-5187

Local regulatory authority: Washington County Regulatory authority phone: 651-430-6655

Brief system description: A pre-cast septic tank and a rock trench drainfield.

Comments or recommendations:

### 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/Christopher Uebe Certification number: C5342/C9852

Business name: Midwest Sewer Services License number: L2896

Inspector signature:  Phone number: 651-492-7550

### Necessary or Locally Required Attachments

- Soil boring logs
- System/As-built drawing
- Forms per local ordinance
- Other information (list): Report Summary, Property Information, Disclaimer, License

Property address: 959 Paris Ave Cir N, West Lakeland, MN 55082

Inspector initials/Date: 11/18/2020 *BACU***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:  
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:**

|  |   |
|--|---|
| System consists of a seepage pit, cesspool, drywell, or leaching pit.<br><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:  
Lowered underwater camera into tank - baffles and tank walls OK.

**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:

Property address: 959 Paris Ave Cir N, West Lakeland, MN 55082

Inspector initials/Date: 11/12/2020 *BACU*

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

Date of installation: 1981  Unknown  
 Shoreland/Wellhead protection/Food Beverage Lodging?  Yes  No

**Compliance criteria:**

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

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

**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)

Comments/Explanation:

**Indicate depths of elevations**

|  |                            |
|--|----------------------------|
| A. Bottom of distribution media        | See Attached Boring Log(s) |
| B. Periodically saturated soil/bedrock |                            |
| C. System separation                   |                            |
| D. Required compliance separation*     |                            |

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

**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.**

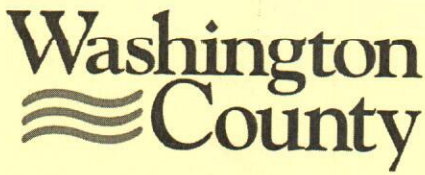
**Compliance criteria**

|   |  |
|---|--|
| a. Operating Permit number: _____<br>Have the Operating Permit requirements been met? | <input 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.





### Subsurface Sewage Treatment System Maintenance Permit

This section must be completed in its entirety to constitute a valid maintenance permit. This permit must be completed prior to performing maintenance activities and remain on-site for the duration of the maintenance activity.

Date of Maintenance: 11/18/20 Reason for Maintenance: Routine  
 Property Address: 959 Paris Ave No Property Owner's Name: Jehovah's Witness  
 Municipality: Stillwater ZIP: 55082 Property Identification Number: Kingdom Hall  
 Maintenance Permit No: 12968921688 Maintainer Name and License No. Pinky's Environmental Sewer Service/ L1673

| Maintenance Performed   | Tank Measurement (must be completed if tanks NOT pumped)   |
|---|--|
| <input checked="" type="checkbox"/> Tank(s) Pumped<br><input type="checkbox"/> Sludge and scum measured<br>Do tanks need to be pumped?<br><input type="checkbox"/> Yes <input type="checkbox"/> No (if no provide measurements) | Liquid Level of Tank _____ in<br>Sludge Level in Tank _____ in Scum Level in Tank _____ in<br>$\frac{\text{Sludge} + \text{Scum}}{\text{Liquid Level}} \times 100 = \% \text{ Sludge \& Scum}$<br>Tanks must be pumped if 25% or greater |

- Access used to remove septage:  Maintenance Hole  Other (enter authorization code)
- Were all covers securely replaced?  Yes  No
- Is there evidence of tank leakage from a septic, holding, pretreatment or pump tank below the operating depth or evidence of damaged, cracked, or structurally unsound maintenance hole covers?  Yes  No

| Tank                   | Leaking Out   | Leaking In  | Cover Damage  |
|------------------------|---|---|---|
| Septic/Holding Tank #1 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Septic/Holding Tank #2 | <input type="checkbox"/> Yes <input type="checkbox"/> No            | <input type="checkbox"/> Yes <input type="checkbox"/> No            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| Pretreatment Tank      | <input type="checkbox"/> Yes <input type="checkbox"/> No            | <input type="checkbox"/> Yes <input type="checkbox"/> No            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |
| Pump Tank              | <input type="checkbox"/> Yes <input type="checkbox"/> No            | <input type="checkbox"/> Yes <input type="checkbox"/> No            | <input type="checkbox"/> Yes <input type="checkbox"/> No            |

- How many gallons of septage were removed?  
 Tank #1 1500 gal Tank #2 \_\_\_\_\_ gal Pretreatment tank \_\_\_\_\_ gal Pump Tank \_\_\_\_\_ gal
- Other information: List any troubleshooting, minor repairs conducted, tank safety concerns, or other concerns.  
 \_\_\_\_\_  
 \_\_\_\_\_
- Location of septage disposal: \_\_\_\_\_

Pinky's Environmental Sewer Service Inc.  
 PO Box 354  
 Afton MN 55001  
 P: 651-439-4847 License Number: L1673

Maintenance activities must be reported to the Department within 90 days.



Property address: 9591 Paris Ave No  
City: Stillwater State: MN

Parcel ID: \_\_\_\_\_  
Zip code: 55082

### Optional section: Sewage Tank Compliance Certification

**This form does not represent a complete system inspection report and only certifies sewage tank compliance status.**

**Instructions:** This section of the form may be completed and signed by a Designated Certified Individual (DCI) of a licensed SSTS Maintenance Business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system.

When this section of the form is signed by a qualified certified professional, it becomes *necessary supporting documentation* to an Existing System Compliance Inspection Report: [Compliance inspection form - Existing system \(wq-wwists4-31b\)](https://www.pca.state.mn.us/water/sssts-and-msts-technical-and-compliance-criteria). This form can be found on the MPCA website at <https://www.pca.state.mn.us/water/sssts-and-msts-technical-and-compliance-criteria>.

The information and certified statement on this form is **required** when existing septic tank compliance status is determined by an individual other than the SSTS Inspector that submits the inspection report. It represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4 Item (B) subitem (1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4 Items B, C, and D; 7083.0730 Item C.

**Certificate of sewage tank compliance**

Affirm all three statements:

- 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.

**Notice of sewage tank non-compliance**

Select all that apply:

- 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 unsafe condition – **"Imminent Threat to Public Health or Safety."**

**Company information**

Company name: Pinkys Sewer Service  
Business license number: 1673

**Designated Certified Individual (DCI) information**

Print name: Neil Clymer  
Certification number: C2814

*I personally conducted the work described above as a Designated Certified Individual of a Minnesota-licensed SSTS Maintenance Business. I personally conducted the necessary procedures to assess the compliance status of each sewage tank in this SSTS:*

Designated Certified Individual's signature:  Date (mm/dd/yyyy): 11/18/20

7 of 12  
**Midwest Sewer Testing**

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

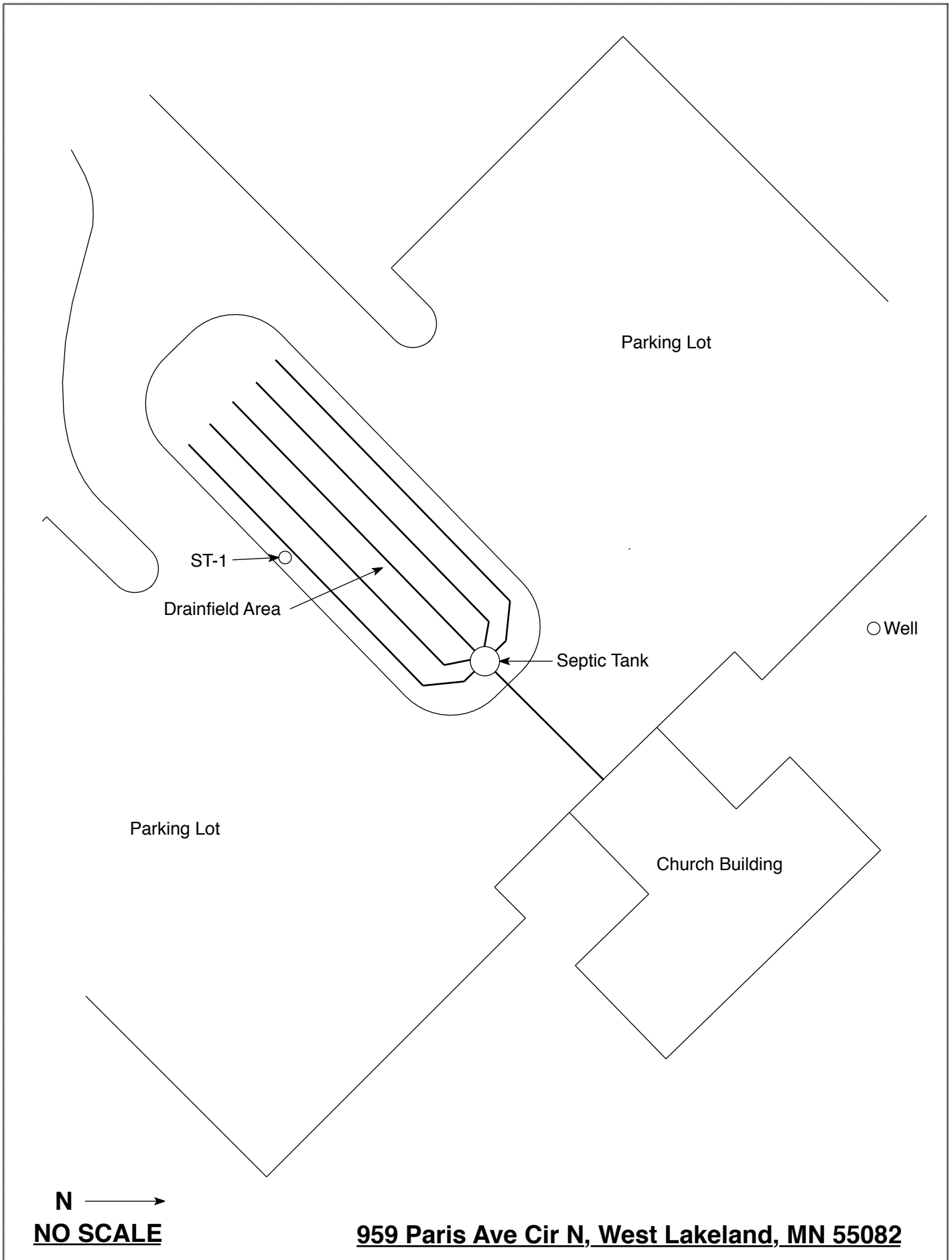
This information will be used for the purpose of conducting an MPCA Compliance Inspection.

|  |  |  |   |
|--|--|--|---|
| Date of Inspection: 11/12/2020 & 11/18/2020  |  | Time: 1:15 PM  |   |
| Property Address: 959 Paris Ave Cir N, West Lakeland, MN   |  | Zip: 55082   |   |
| Property Owner: Kingdom Hall of Jehovah's Witnesses  |  | Phone: 612-237-5187  |   |
| Tank(s)<br><input checked="" type="checkbox"/> Septic 1<br><input type="checkbox"/> Aerobic<br><input type="checkbox"/> Lift<br><input type="checkbox"/> Holding<br><input type="checkbox"/> Other: _____  | Tank(s)Material<br><input type="checkbox"/> Fiberglass<br><input type="checkbox"/> Plastic<br><input type="checkbox"/> Metal<br><input checked="" type="checkbox"/> Concrete<br><input type="checkbox"/> Block<br><input type="checkbox"/> Other _____ | Soil Treatment System<br><input checked="" type="checkbox"/> Rock trench<br><input type="checkbox"/> Gravelless trench<br><input type="checkbox"/> Chamber trench<br><input type="checkbox"/> Seepage bed<br><input type="checkbox"/> Mound<br><input type="checkbox"/> At-grade _____ | Other<br><input type="checkbox"/> Alternative system _____<br><input type="checkbox"/> Experimental system _____<br><input type="checkbox"/> Cesspool system _____<br><input type="checkbox"/> Other system _____ |
| Are the tank maintenance covers accessible? <input checked="" type="checkbox"/> Yes <input 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:  | Year septic installed: 1981  | Tank size (gals.): 1200  |   |
| How long has seller owned the property?  |  | Number of residents in home?   |   |
| Number of bedrooms? N/A  | Are all floors drained by gravity? Y   |  |   |
| Garbage disposal?  | Whirlpool bath?  |  |   |
| More than one system (laundry, etc.)?  |  |  |   |
| Does this property have any footing drain tiles connected to the septic system?  |  |  |   |
| Are any buildings on this property such as garages or out-buildings connected to this system?  |  |  |   |
| Are there any additional systems on this property serving other buildings?   |  |  |   |
| Location of septic system on lot? Southwest Side   |  |  |   |
| Location of water well on lot? West 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? If yes, explain:   |  |  |   |
| When was the system last pumped? 11/18/2020  |  | Name of pumper: Pinky's Sewer Service  |   |
| How often pumped in previous years?  |  | Is system on a monitoring plan?  |   |
| 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 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: \_\_\_\_\_

Date: \_\_\_\_\_



N →

**NO SCALE**

**959 Paris Ave Cir N, West Lakeland, MN 55082**



## Soil Observations Log

|  |   |   |  |   |            |
|--|---|---|--|---|------------|
| Location of Project:                     |   | 959 Paris Ave Cir N, West Lakeland, MN 55082  |  |   |            |
| Observations Made By:                    |   | Midwest Sewer Services  |  | Date:                                       | 11/12/2020 |
| Classification System:                   |   | USDA  |  |   |            |
| Soil Observation:                        |   | ST-1  |  | Soil Observation:                           |            |
| Surface Elevation of Observation         |   | Same ground surface as last drainfield trench   |  | Surface Elevation of Observation            |            |
| Depth In Inches                          | Rock %                                      | <u>Soils Encountered</u>  |  | Depth In Inches                             | Rock %     |
| 0-17<br>17-32<br>32-51<br>51-62<br>62-73 |   | 10YR 2/2 Silt Loam<br>10YR 3/4 Silt Loam<br>10YR 3/4 Loamy Sand<br>10YR 4/4 Loamy Sand<br>7.5YR 4/4 Fine Sand |  |   |            |
| 73"                                      | Depth To End Of Soil Observation Or Redox   |   |  | Depth To End Of Soil Observation Or Redox   |            |
| Same                                     | Elevation Of Observation Relative To System |   |  | Elevation Of Observation Relative To System |            |
| -41"                                     | Depth To Bottom Of Distribution Media       |   |  | Depth To Bottom Of Distribution Media       |            |
| ≥32"                                     | Of Separation                               |   |  | Of Separation                               |            |
| End Of Soil Observation At:              |   | 73"   |  | End Of Soil Observation At:                 |            |
| Redox Present At:                        |   | None  |  | Redox Present At:                           |            |
| Standing Water Present At:               |   | None  |  | Standing Water Present At:                  |            |

Bottom Of Distribution Medium At: 41 Inches

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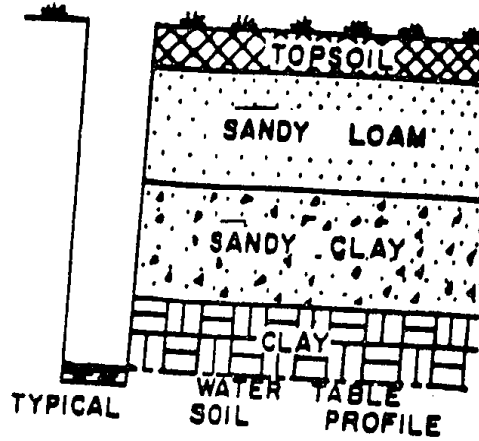


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Signature: \_\_\_\_\_



Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.



### LOG OF SOIL BORINGS

| BORING NO. 1  |                            | BORING NO. 2  |                               | BORING NO. 3  |  | BORING NO. 4  |                               |
|---------------|----------------------------|---------------|-------------------------------|---------------|--|---------------|-------------------------------|
| DEPTH IN FEET | SOIL DESCRIPTION           | DEPTH IN FEET | SOIL DESCRIPTION              | DEPTH IN FEET | SOIL DESCRIPTION                       | DEPTH IN FEET | SOIL DESCRIPTION              |
| 0             | DARK BROWN FINE SANDY LOAM | 0             | Brown fine - med. LOAMY SAND  | 0             | LT. BROWN MED-CLEAN SAND - SMALL ROCKS | 0             | DARK BROWN FINE SANDY LOAM    |
| 11"           | ↓                          | 36"           | ↓                             | 64"           | ↓                                      | 10"           | ↓                             |
|               | BROWN FINE SILTY LOAM      | 42"           | BROWN FINE LOAMY SAND         | 70"           | LT. BROWN MED-CLEAN SAND               |               | BROWN FINE SILTY LOAM         |
| 28"           | ↓                          | 48"           | ↓                             |               | ↓                                      | 22"           | ↓                             |
|               | BROWN FINE LOAMY SAND      |               | LT. RED BROWN FINE LOAMY SAND |               |  |               | BROWN FINE SILTY LOAM + ROCKS |
| 36"           | ↓                          |               |                               |               |  |               |                               |

## **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 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

## Midwest Sewer Services

License # L2896

License Expires: 12/22/2020

Issued: 11/26/2019

### Specialty Area(s):

- Installer
- Maintainer
- Service Provider
- Advanced Designer
- Advanced Inspector

### Designated Certified Individual(s):

| Cert # | Name  | Certification Expires: |
|--------|---|------------------------|
| C5342  | Brian L Humpal<br>Installer, Maintainer, Serv Prov, Adv Designer, Adv Inspector | 10/15/2023             |
| C9852  | Christopher R Uebe<br>Designer, Inspector                                       | 3/4/2021               |



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

Nick Haig, Supervisor  
Certification and Training Unit