

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

**Inspection results** based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms – additional local requirements may also apply.

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

For local tracking purposes:

### System Status

System status on date (mm/dd/yyyy): 8/22/2017

**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: 1502820330007

Property address: 15221 AFTON HILLS DRIVE SOUTH, AFTON Reason for inspection: \_\_\_\_\_

Property owner: JOELLA WILSON Owner's phone: \_\_\_\_\_

or

Owner's representative: \_\_\_\_\_ Representative phone: \_\_\_\_\_

Local regulatory authority: WASHINGTON COUNTY Regulatory authority phone: \_\_\_\_\_

Brief system description: 1500 GALLON SEPTIC TANK, 1000-GALLON LIFT TANK AND MOUND SYSTEM

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: Ryan Lashinski Certification number: 3053

Business name: Lashinski Services License number: 65

Inspector signature:  Phone number: 612-919-3704

### Necessary or Locally Required Attachments

- Soil boring logs
- System/As-built drawing
- Forms per local ordinance
- Other information (list): \_\_\_\_\_

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

**Compliance criteria:**

- System discharges sewage to the ground surface.  Yes  No
- 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 the system is an imminent threat to public health and safety.**

Comments/Explanation:

**Verification method(s):**

- Searched for surface outlet
- Searched for seeping in yard/backup in home
- Excessive ponding in soil system/D-boxes
- Homeowner testimony (See Comments/Explanation)
- "Black soil" above soil dispersal system
- System requires "emergency" pumping
- Performed dye test
- Unable to verify (See Comments/Explanation)
- Other methods not listed (See Comments/Explanation)

**2. Tank Integrity – Compliance component #2 of 5**

**Compliance criteria:**

- System consists of a seepage pit, cesspool, drywell, or leaching pit.  Yes  No  
*Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.*
- Sewage tank(s) leak below their designed operating depth.  Yes  No  
If yes, which sewage tank(s) leaks:

**Any "yes" answer above indicates the system is failing to protect groundwater.**

Comments/Explanation:

TANKS PUMPED 9/9/2016, REQUIRED ONCE EVERY 3 YEARS. LEAK AT LIFT STATION FOUND DURING INSPECTION. TANK WAS DUG UP AND SEALED BY WOLFE EXCAVATING

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

Explain:

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

Explain:

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

Date of installation:  Unknown  
(mm/dd/yyyy)

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:  Yes  No

Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.  Yes  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:  Yes  No

Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.\*  Yes  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)  Yes  No

Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.  Yes  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:**

SEE ATTACHED

**Indicate depths or elevations**

A. Bottom of distribution media	+12"
B. Periodically saturated soil/bedrock	<24"
C. System separation	>36"
D. Required compliance separation*	36"

\*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: \_\_\_\_\_  Yes  No  
Have the Operating Permit requirements been met?
- b. Is the required nitrogen BMP in place and properly functioning?  Yes  No

**Any "no" answer indicates Noncompliance.**

**Upgrade Requirements** (Minn. Stat. § 115.55) An imminent threat to public health and safety (ITPHS) must be upgraded, replaced, or its use discontinued within ten months of receipt of this notice or within a shorter period if required by local ordinance. If the system is failing to protect ground water, the system must be upgraded, replaced, or its use discontinued within the time required by local ordinance. If an existing system is not failing as defined in law, and has at least two feet of design soil separation, then the system need not be upgraded, 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.

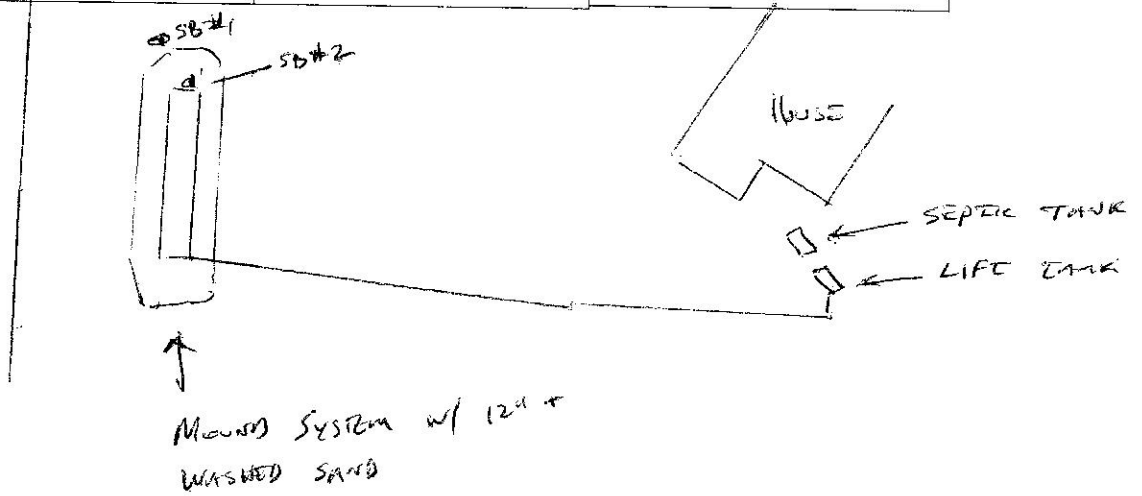


# Compliance Inspection Attachment for Existing Individual Sewage Treatment Systems

Address 15221 Afton Hills Drive

Boring #1 Elevation:	Boring #2 Elevation:	10'5"	Boring #3 Elevation:
0-10 -36 10YR 3/2 loam topsoil 10YR 4/4, 5/4 loam, silt loam, no redoximorphic mottling at 24", bedrock beginning after 30", soil dry.			

**Sketch:**



**Comments:** Benchmark = top of rockbed in mound. Assumed elevation = 100'0". Soil boring #1 taken alongside and through the mound, indicated no redoximorphic mottling at a depth of 36" beneath the rockbed with dry conditions in the mound sand. The system does meet the required 36" vertical separation distance (32" w/15% reduction) from seasonally saturated soils. The tanks were pumped in September of 2016 and due to be pumped once every 3 years. At the time of inspection, the lift pump was manually run and the pipe was found to be leaking into the lift station through the outlet of the tank and the riser section. This was dug up and repaired by Wolfe Excavating. Probe and boring samples taken into the rockbed and sand layers of the mound indicated no sign of excess moisture and/or ponding. This inspection is not a warranty or guarantee, either written or implied, of future or long-term hydraulic functionality/performance, but rather a determination if the systems use is/may cause pollution and/or adverse harm to the environment, groundwater or public health and safety at the time of this inspection. This inspection is no guarantee of future compliance beyond the expiration of this report. No guarantee can be made on future hydraulic performance, or the performance of system components (pumps, controls, etc.). This system has likely received little use by the previous owner and changes in use can cause any system, failing or compliant, to become hydraulically overloaded and ultimately fail, and system components can fail, at any time, often with no prior warning signs. Owner/buyer assumes full responsibility for the long-term performance of this system as well as any future upgrade, repairs or replacement costs. Liability is limited to the cost of this inspection.