

# 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): 3-9-2016

**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

**RECEIVED**

**MAR 16 2016**

**PUBLIC HEALTH**

### Property Information

Parcel ID# or Sec/Twp/Range: \_\_\_\_\_  
Property address: 1970-St. Croix Trail - Stillwater  
Property owner: Joy Thole Reason for inspection: Property Transfer  
or \_\_\_\_\_ Owner's phone: 651-436-7972  
Owner's representative: Louetta Larson - (Agent) Representative phone: 651-202-1351  
Local regulatory authority: Washington County Regulatory authority phone: \_\_\_\_\_  
Brief system description: Septic Tank w/ Drain field & Treacher - (Gravity Type)  
Comments or recommendations: Repair 24" Lid - Install New -

### 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: Jerry Sauber Certification number: 925  
Business name: Sauber P.H.C. License number: 317  
Inspector signature: Jerry Sauber Phone number: 651-463-7434

### Necessary or Locally Required Attachments

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

Property address: 1970 - St. Croix Trail - Stillwater, MN. Inspector initials/Date: VS 13-9-2016  
 (mm/dd/yyyy)

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

**Compliance criteria:**

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

**Any "yes" answer above indicates the system is an imminent threat to public health and safety.**

Comments/Explanation:

**Verification method(s):**

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

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

**Compliance criteria:**

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

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

Comments/Explanation:

**Verification method(s):**

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

**3. Other Compliance Conditions – Compliance component #3 of 5**

- a. Maintenance hole covers are damaged, cracked, unsecured, or appear to 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:



Property address: 1970 - St. Croix Trail - Stillwater MN Inspector initials/Date: VS 13-9-2016  
 (mm/dd/yyyy)

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

Date of installation: 1982  Unknown  
 (mm/dd/yyyy)  
 Shoreland/Wellhead protection/Food beverage lodging?  Yes  No

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

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: 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: 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)) Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	<input type="checkbox"/> Yes <input type="checkbox"/> No

- 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 or elevations

A. Bottom of distribution media	<u>24" 30" 5</u>
B. Periodically saturated soil/bedrock	<u>&gt; 56" 5</u>
C. System separation	<u>&gt; 24" 5</u>
D. Required compliance separation*	<u>24" 5</u>

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

Any "no" answer above indicates the system is failing to protect groundwater.

**5. Operating Permit and Nitrogen BMP\* – Compliance component #5 of 5**

Is the system operated under an Operating Permit?  Yes  No  Not applicable  
 Is the system required to employ a Nitrogen BMP?  Yes  No If "yes", A below is required  
 BMP = Best Management Practice(s) specified in the system design  Yes  No If "yes", B below is required

If the answer to both questions is "no", this section does not need to be completed.

Compliance criteria

a. Operating Permit number: _____ 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.



# Additional Soil Observation Logs

Project ID: Test 1

Client/ Address: Log Lake - 1970 St. Clair Ave. St. Clair Legal Description/ GPS:

Soil parent material(s): (Check all that apply)  Outwash  Lacustrine  Loess  Till  Alluvium  Bedrock  Organic Matter

Landscape Position: (check one)  Summit  Shoulder  Back/Side Slope  Foot Slope  Toe Slope Slope shape L. L.

Vegetation Wooded Soil survey map units Slope% ~7% Elevation:

Weather Conditions/Time of Day: Clear - 3:32 PM. Date 3-9-2016

Observation #/Location: #1 - Near Dog Boxes - Observation Type: Soil

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Observation Type:		
							Shape	Grade	Consistence
42"	Oxide/SSIT Loam	35	10YR 3/2				Blocky	Head	Fragile
18"	Loam	35	10YR 4/3				Angular	"	"
52"	Sand	35	10YR 4/4				"	"	Loose
No Redox.									

Observation #/Location: \_\_\_\_\_ Observation Type: \_\_\_\_\_

Depth (in) Texture Rock Frag. % Matrix Color(s) Mottle Color(s) Redox Kind(s) Indicator(s) Shape Grade Consistence

Comments

Co. House Trail

Soil Survey Point

Soil

Soil Survey Point

Redox Kind(s)

Wooded

St. Clair Trail

R. Miller 3/9/25