



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.

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 14.028.20.21.0003 Reason for Inspection: property sale
Local regulatory authority info: Washington County
Property address: 2011 Quant Ave S Lake St Croix Beach, MN 55043
Owner/representative: Dan Dickinson Owner's phone: 651-436-7925
Brief system description: Precast septic tank, pump tank and a pressure bed drainfield.

System status

System status on date (mm/dd/yyyy): 12/9/2021

[X] 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 abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

\*Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.

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 or under section 145A.04 subdivision 8.

Reason(s) for noncompliance (check all applicable)

- [ ] Impact on public health (Compliance component #1) - Imminent threat to public health and safety
[ ] Tank integrity (Compliance component #2) - Failing to protect groundwater
[ ] 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 (Compliance component #3) - Failing to protect groundwater
[ ] Soil separation (Compliance component #5) - Failing to protect groundwater
[ ] Operating permit/monitoring plan requirements (Compliance component #4) - Noncompliant - local ordinance applies

Comments or recommendations

Reviewed design, permit & inspection records on file at Washington County.

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.

By typing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.

Business name: All State Septic Services LLC Certification number: 323
Inspector signature: Tom Trooien License number: 1568
(This document has been electronically signed) Phone: 612-594-4496

Necessary or locally required supporting documentation (must be attached)

- [X] Soil observation logs [X] System/As-Built [ ] Locally required forms [ ] Tank Integrity Assessment [ ] Operating Permit
[ ] Other information (list):

Property Address: 2011 Quant Ave S Lake St Croix Beach, MN 55043

Business Name: All State Septic Services LLC

Date: 12/9/2021

### 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.*

**Describe verification methods and results:**

Searched for seeping or surfacing to the ground surface - none observed during the inspection.

**Attached supporting documentation:**

Other: \_\_\_\_\_

Not applicable

### 2. Tank integrity – Compliance component #2 of 5

**Compliance criteria:**

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?  Yes\*  No

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.*

**Describe verification methods and results:**

The tanks were at normal operating level prior to pumping, then were pumped during the inspection. Lowered a camera into the empty tanks - bottoms, walls, covers, baffles, risers and maintenance hole covers appear ok.

Although not a compliance criteria, recommend extending the risers and maintenance hole covers to grade.

The high water alarm was functional during the inspection.

**Attached supporting documentation:**

Empty tank(s) viewed by inspector

Name of maintenance business: Meyer's Sewer Service

License number of maintenance business: L915

Date of maintenance: 12/9/2021

Existing tank integrity assessment (Attach)

Date of maintenance (mm/dd/yyyy): \_\_\_\_\_ (must be within three years)

*(See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))*

Tank is Noncompliant (pumping not necessary – explain below)

Other: \_\_\_\_\_



3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

Yes\*  No  Unknown

3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety?  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. Operating permit and nitrogen BMP\* – Compliance component #4 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 specified in the system design?  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. Have the operating permit requirements been met?  Yes  No

b. Is the required nitrogen BMP in place and properly functioning?  Yes  No

Any "no" answer indicates noncompliance.

Describe verification methods and results:

Attached supporting documentation:  Operating permit (Attach)

### 5. Soil separation – Compliance component #5 of 5

Date of installation 6/5/1989  Unknown  
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging?  Yes  No

**Attached supporting documentation:**

- Soil observation logs completed for the report
- Two previous verifications of required vertical separation
- Not applicable (No soil treatment area)
- \_\_\_\_\_

**Compliance criteria (select one):**

5a. 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.

5b. 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.\*

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.

**Indicate depths or elevations**

A. Bottom of distribution media	3
B. Periodically saturated soil/bedrock	5.5
C. System separation	2.5
D. Required compliance separation*	2

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

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

**Describe verification methods and results:**

**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.





# Soil Observation Log

Project ID:

v 04.01.2021

<b>Client:</b> Dan Dickinson		Location / Address: 2011 Quant Ave S Lake St Croix Beach, MN 55043							
Soil parent material(s): (Check all that apply)		<input type="checkbox"/> Outwash	<input type="checkbox"/> Lacustrine	<input type="checkbox"/> Loess	<input type="checkbox"/> Till	<input type="checkbox"/> Alluvium	<input type="checkbox"/> Bedrock	<input type="checkbox"/> Organic Matter	
Landscape Position: (select one)		Slope %:		Slope shape		Elevation-relative to benchmark:			
Vegetation: lawn		Soil survey map units: clear am				Limiting Layer Elevation:			
Weather Conditions/Time of Day:		Date		12/09/21					
<b>Observation #/Location:</b> B-1		<b>Observation Type:</b> Auger							
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Shape	Grade	Consistence
0-14	loamy sand		10YR 2/2						
14-38	loamy sand		10YR 3/3						
38-66	med/coarse sand		10YR 4/4						
<b>Comments</b>									
I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.									
Tom Trooien (Designer/Inspector)				Tom Trooien (Signature)			1568 (License #)		12/9/21 (Date)



# Soil Observation Log

Project ID: v 04.01.2021

Client: Dan Dickinson Location / Address: 2011 Quant Ave S Lake St Croix Beach, MN 55043

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

Landscape Position: (select one) Slope %: Slope shape: Elevation-relative to benchmark:

Vegetation: lawn Soil survey map units: Limiting Layer Elevation:

Weather Conditions/Time of Day: clear am Date: 12/09/21

Observation #/Location: B-2 Observation Type: Auger

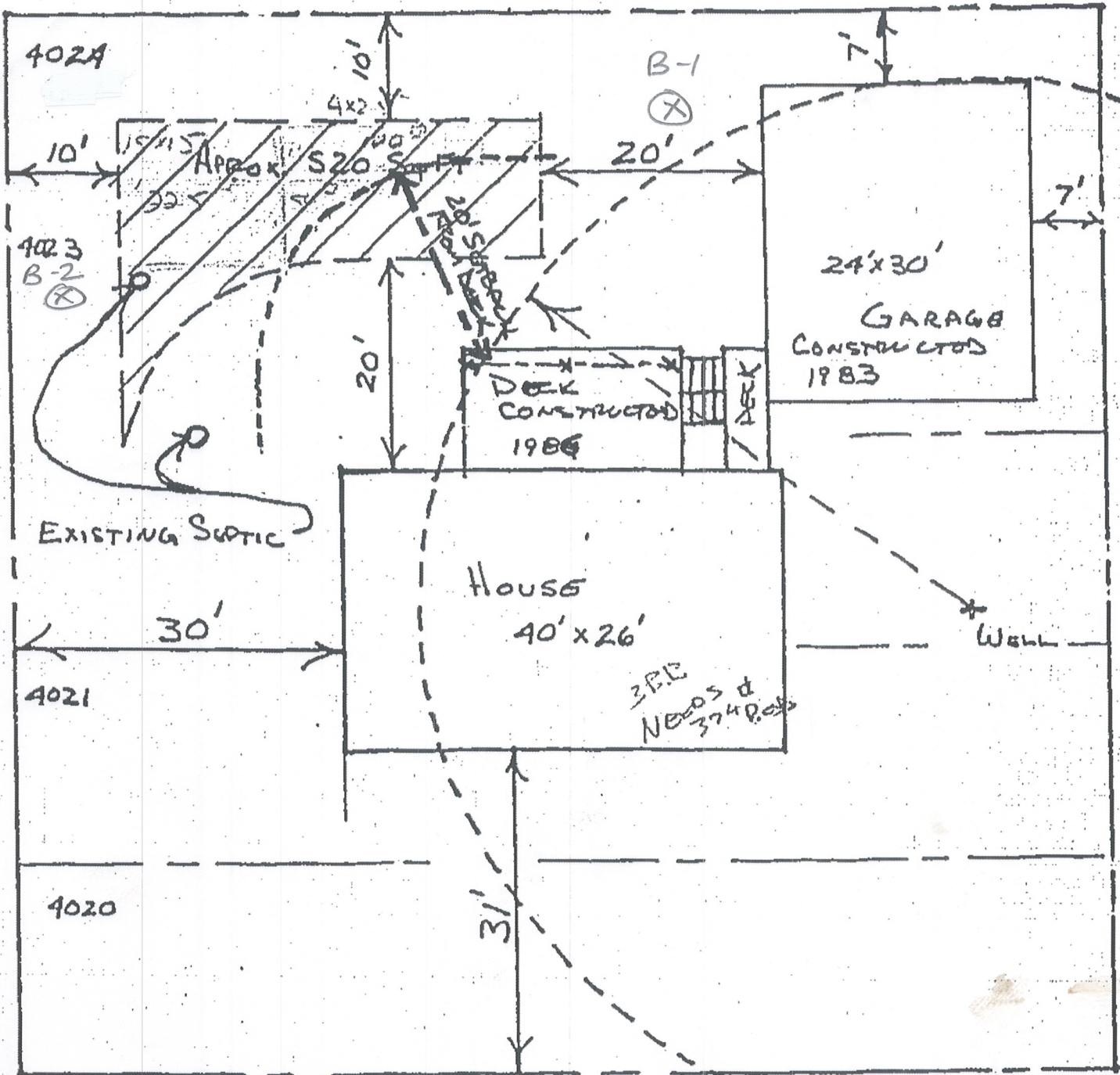
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure-----I		Consistence
							Shape	Grade	
0-12	loamy sand		10YR 2/2						
12-34	loamy sand		10YR 3/3						
34-66	med/coarse sand		10YR 5/4						

Comments

I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.

Tom Trooien Tom Trooien 1568 12/9/21  
 (Designer/Inspector) (Signature) (License #) (Date)





SCALE: 1" = 20'