

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: <u>15.030.21.22.0003</u>	Reason for inspection: <u>property sale</u>
Local regulatory authority info: <u>Washington County</u>	
Property address: <u>9740 Justen Trl N Grant, MN 55115</u>	
Owner/representative: <u>Matt Jeans</u>	Owner's phone: <u>651-278-1422</u>
Brief system description: <u>Two septic tanks and a gravelless trench drainfield.</u>	

System status

System status on date (mm/dd/yyyy): 4/25/2022

Compliant – Certificate of compliance*

(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.)

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

Noncompliant – Notice of noncompliance

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

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 and soil records on file with Washington County.
Although not a compliance criteria, it should be noted that the system was designed for a 4 bedroom house but the house now has 5 bedrooms.

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

Necessary or locally required supporting documentation (must be attached)

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

Property Address: 9740 Justen Trl N Grant, MN 55115

Business Name: All State Septic Services LLC

Date: 4/25/2022

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

Attached supporting documentation:

- Other: _____
- Not applicable

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.

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	<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:	

Attached supporting documentation:

- Empty tank(s) viewed by inspector

Name of maintenance business: Smilie's Sewer Service
 License number of maintenance business: 2428
 Date of maintenance: 4/25/2022

- 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: _____

Describe verification methods and results:

The tanks were pumped then refilled after the inspection due to road restrictions.

Lowered a camera into the empty tanks - bottoms, walls, covers, baffles, risers and maintenance hole covers appear ok.

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 7/3/1997 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

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.

Attached supporting documentation:

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

Indicate depths or elevations

A. Bottom of distribution media	2.2
B. Periodically saturated soil/bedrock	5.5
C. System separation	3.3
D. Required compliance separation*	3

*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

v 04.01.2021

Project ID:

Client: Matt Jeans		Location / Address: 9740 Justen Trl N Grant, MN 55115			
Soil parent material(s): (Check all that apply)		<input type="checkbox"/> Loess	<input type="checkbox"/> Till	<input type="checkbox"/> Alluvium	<input type="checkbox"/> Bedrock
Landscape Position: (select one)		Slope %:			Slope shape
Vegetation:		Soil survey map units:			
Weather Conditions/Time of Day:		Date: 04/25/22			Limiting Layer Elevation:
Observation #/Location: B-1		Observation Type: Auger			

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure-----I	
							Shape	Grade
0-12	Fine Sandy Loam		10YR 2/2					
12-28	Loamy Fine Sand		7.5YR 3/2					
28-66	Fine Sand		10YR 4/4					

Comments		
I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.		
Tom Trooien	Tom Trooien	4/25/22

Log Of Soil Borings

Location of Project:		9740 Justen Trail N, Grant, MN 55115	
Borings Made By:		Inspect Minnesota	Date: 6/17/11
Auger Used:		Hand/Bucket	Classification System: USDA
Boring Number:		1	Boring Number:
Surface Elevation of Boring	Same ground surface at inspection pipe at last drainfield trench		Surface Elevation of Boring
Depth In Inches	<u>Soils Encountered</u>	Depth In Inches	<u>Soils Encountered</u>
0-10	7.5YR 2.5/2 Fine Sandy Loam		
10-25	7.5YR 2.5/3 Loamy Fine Sand		
25-62	7.5YR 4/4 Fine Sand		
62-73	7.5YR 4/4 Fine Sand With		
	7.5YR 3/4 Loamy Fine Sand Lamellae Banding		
73-78	7.5YR 4/4 Loamy Fine Sand With		
	7.5YR 3/4 Lamellae Banding And		
	5YR 4/6 & 7.5YR 5/2 Redox		
73"	Depth To End Of Boring Or Redox		Depth To End Of Boring Or Redox
Same	Elevation Of Boring Relative To System		Elevation Of Boring Relative To System
-26"	Depth To Bottom Of System		Depth To Bottom Of System
=47"	Of Separation		Of Separation
End Of Boring At:	78"	End Of Boring At:	
Redox Present At:	73"	Redox Present At:	
Standing Water Present At:	None	Standing Water Present At:	

Bottom Of Distribution Medium At: 26 Inches

RECEIVED

APR 25 1997

HELM

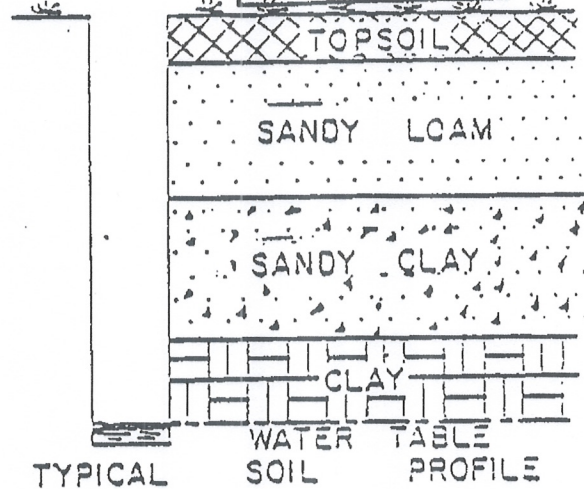
- Soil Borings -

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.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.

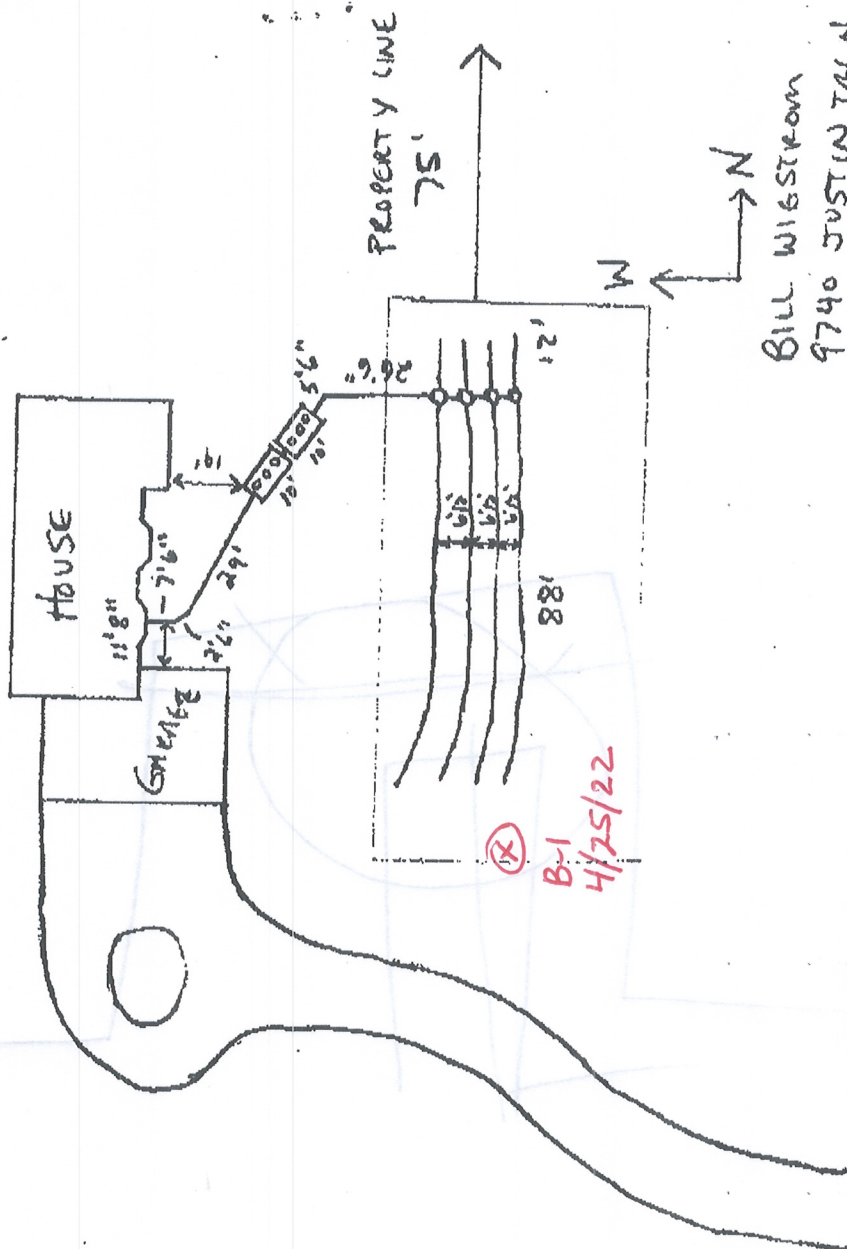


Soil Borings done by ROBERT & BRIAN KLINE, MPCA Certification
 Number 1861, STATE No. 869, on 4/14/97
 (date)

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	TOPSOIL	0	TOPSOIL	0	TOPSOIL	0	TOPSOIL
1/2	SANDY LOAM	1/2	SANDY LOAM 7.5YR 5/4	1/2	SANDY LOAM 7.5YR 4/4	1/2	SANDY LOAM 7.5YR 4/4
1		1		1		1	
1 1/2	7.5YR 5/4	1 1/2	SANDY LOAM 7.5YR 5/6	1 1/2	SANDY LOAM 7.5YR 5/4	1 1/2	SANDY LOAM 7.5YR 5/4
2		2		2		2	
2 1/2	SANDY LOAM	2 1/2	SANDY LOAM 7.5YR 4/6	2 1/2	SANDY LOAM 7.5YR 5/6	2 1/2	SANDY LOAM 7.5YR 5/6
3		3		3		3	
3 1/2	7.5YR 5/6	3 1/2	SANDY LOAM	3 1/2	SANDY LOAM 7.5YR 4/6	3 1/2	SANDY LOAM 7.5YR 4/6
4		4		4		4	
4 1/2		4 1/2		4 1/2		4 1/2	
5		5		5		5	
5 1/2		5 1/2		5 1/2		5 1/2	
6		6		6		6	
6 1/2		6 1/2		6 1/2		6 1/2	
7		7		7		7	
7 1/2		7 1/2		7 1/2		7 1/2	
8		8		8		8	
8 1/2		8 1/2		8 1/2		8 1/2	
9		9		9		9	

WELL TO
GO HERE



BILL WIGSTROM
9740 JUSTIN TRL N

JUSTIN TRL N