



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): 8/3/2020

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: 12.032.21.24.0003

Property address: 9710 Julep Trail N Scandia, MN 55073 Reason for inspection: property sale

Property owner: Jeffrey & Shelley Wagner Owner's phone: 651-772-4323

or
Owner's representative: _____ Representative phone: _____

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

Brief system description: Two septic tanks & one pump tank lifting to a mound 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: Tom Trooien Certification number: 323

Business name: All State Septic Services LLC License number: 1568

Inspector signature: Tom Trooien Phone number: 612-594-4496

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.	<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:

The tanks were at normal operating level and the high water alarm was functioning at the time of inspection.

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: 11/13/2013 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.

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.*

“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.

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 or elevations

- A. Bottom of distribution media
- 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

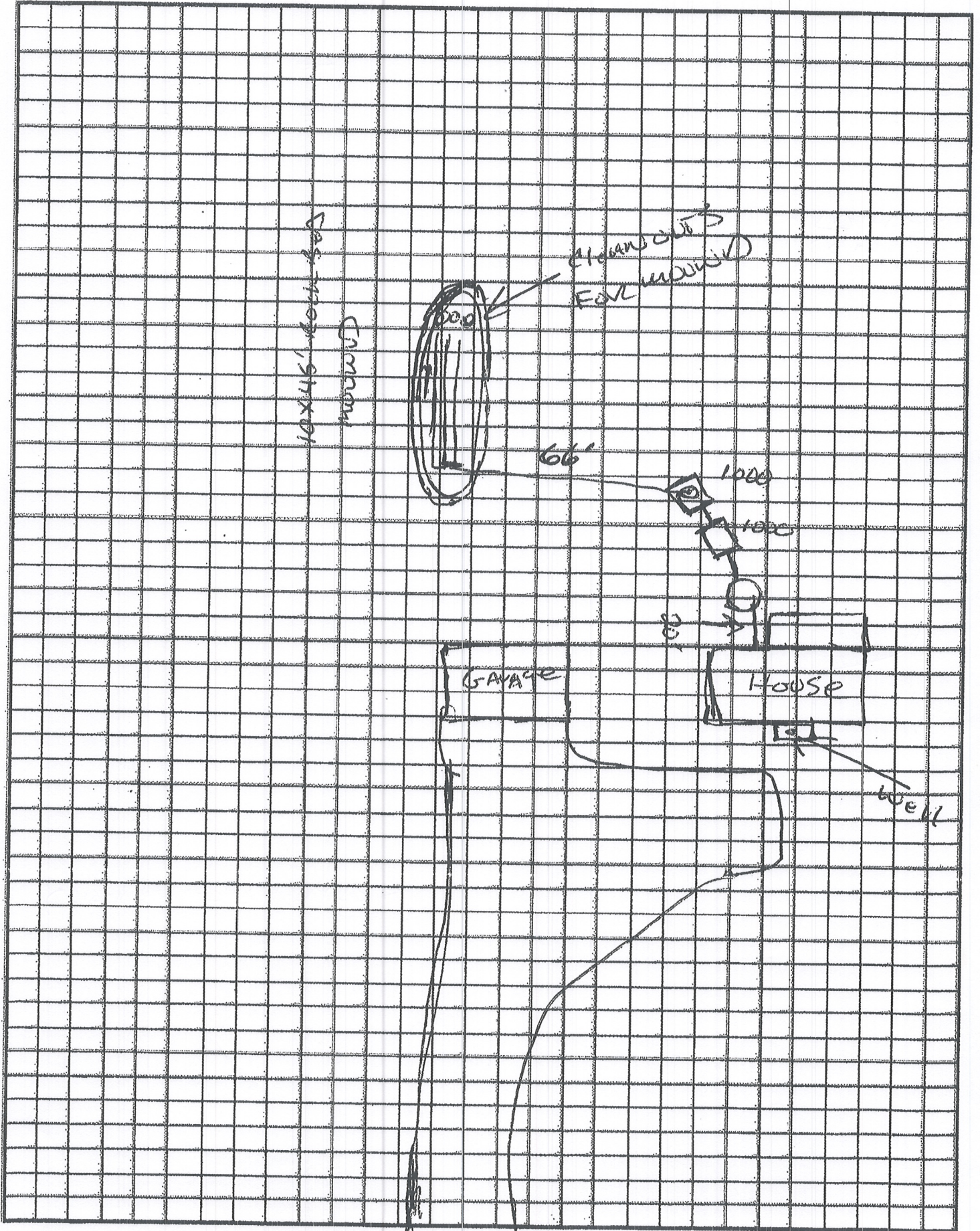
- a. Operating Permit number: n/a
Have the Operating Permit requirements been met? Yes No
- b. Is the required nitrogen BMP in place and properly functioning? Yes No

Any “no” answer indicates Noncompliance.

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.

SAC LOT NO PROP LINE
ISSUES

↑ NORTH



Onsite Sewage Treatment Program Soil Observation Log

Client/ Address: 4710 Julek Date: 10/31/13

Legal Description/GPS: _____

Soil Parent Material(s): Till Lacustrine Alluvium Loess Organic Matter Bedrock
 (circle all that apply)

Landscape Position: Summit Back/Side Slope Foot Slope Toe Slope Slope Shape:
 (circle one)

Vegetation: Grass Soil Survey Map Unit(s): Ary dem Slope (%): 5%
 Elevation: _____

Weather conditions/Time of Day: _____ Observation #/Location/Method: _____

Depth (in)	Texture	Rock Frag %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Saturated Soil Indicator(s) (see back)	Structure			Consistence
							Shape	Grade	Consistence	
0-8	<u>Fine Sandy loam</u>	<u>5</u>	<u>10 3/3</u>	<u>N</u>	<u>Concentrations Depletions Gleyed</u>		<u>Granular</u> Platy Blocky Prismatic Single Grain Massive	<u>Weak</u> Moderate Strong Loose	<u>Loose</u> Friable Firm Extremely Firm Rigid	
8-10	<u>Fine Sand loam</u>	<u>5</u>	<u>10 4/3</u>		<u>Concentrations Depletions Gleyed</u>		<u>Granular</u> Platy Blocky Prismatic Single Grain Massive	<u>Weak</u> Moderate Strong Loose	<u>Loose</u> Friable Firm Extremely Firm Rigid	
10-20	<u>Clay loam</u>	<u>10</u>	<u>10 4/4</u>		<u>Concentrations Depletions Gleyed</u>		<u>Granular</u> Platy Blocky Prismatic Single Grain Massive	<u>Weak</u> Moderate Strong Loose	<u>Loose</u> Friable Firm Extremely Firm Rigid	
20	<u>Clay loam</u>	<u>5</u>	<u>10 4/2</u> <u>10 5/6</u>	<u>7</u>	<u>Concentrations Depletions Gleyed</u>		<u>Granular</u> Platy Blocky Prismatic Single Grain Massive	<u>Weak</u> Moderate Strong Loose	<u>Loose</u> Friable Firm Extremely Firm Rigid	
					<u>Concentrations Depletions Gleyed</u>		<u>Granular</u> Platy Blocky Prismatic Single Grain Massive	<u>Weak</u> Moderate Strong Loose	<u>Loose</u> Friable Firm Extremely Firm Rigid	
					<u>Concentrations Depletions Gleyed</u>		<u>Granular</u> Platy Blocky Prismatic Single Grain Massive	<u>Weak</u> Moderate Strong Loose	<u>Loose</u> Friable Firm Extremely Firm Rigid	

Comments: well under front step measure + matters of 20"

 (Designer)

 (Signature)

 (License #)

 (Date)

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

Additional Soil Observation Logs

UNIVERSITY OF MINNESOTA
ON-SITE
SEWAGE
TREATMENT
PROGRAM



Date 10/9/2013
Time 10/9/2013

Client/ Address: Thomas Klapak

Legal Description/ GPS 9710 Julep Trl N. Scandia, MN 55073

Landscape position

Foot Slope

Soil parent materials
(Check all that apply)

Outwash Lacustrine Loess
 Till Alluvium Bedrock Organic

Vegetation grass

Observation #/Location: #2 Slope% 6

Soil survey map units hayden Slope shape Linear, Linear

Depth (in)	Texture	Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure-----		
							Shape	Grade	Consistence
0-10	fine sandy loam		10yr 3/2				Granular	Weak	Loose
10-16	fine sandy loam		10yr 4/2				Granular	Weak	Loose
16-28	loam		10yr 5/3				Blocky	Moderate	Friable
28-	sandy clay loam		10yr 4/4	few faint mottles	Concentrations S1		Blocky	Moderate	Firm

Comments Mottled soil at 28" elevation = 8.5'

Observation #/Location: #3

Depth (in)	Texture	Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Structure-----		
							Shape	Grade	Consistence
0-6	fine sandy loam		10yr 4/2				Granular	Weak	Loose
6-20	medium sandy loam		10yr 4/3	few med distinct mottles			Prismatic	Weak	Friable
20-	sandy clay loam		10yr 4/4		Concentrations S1		Blocky	Moderate	Firm

Comments mottled soil at 20" elevation = 7.9'