

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: 20.028.20.21.0005 Reason for Inspection: Property Transfer
 Local regulatory authority info: Washington County
 Property address: 13377 - Hudson RD Apton MN. 55001
 Owner/representative: Chris Hienonkamp Owner's phone: 612-860-5129
 Brief system description: Septic Tanks w/shallow Trench Distribution

System status

System status on date (mm/dd/yyyy): 5-17-2024

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

CR# 22943 RECEIVED
 CR# 22944 JUN 24 2024
 PUBLIC HEALTH

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: JAN DE WIT CO.

Inspector signature: [Signature]

Certification number: 925

License number: 317

Phone: 612-463-7134

(This document has been electronically signed)

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: 13377-Hudson Rd. Appleton MN.
Business Name: _____

Date: 5-17-2024

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:

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: Prokys Services
License number of maintenance business: 4251
Date of maintenance: 6-5-2024
 Existing tank integrity assessment (Attach)
Date of maintenance (mm/dd/yyyy): 6-5-2024
(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: _____

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

Describe verification methods and results: pumper Verified

Property Address: 13377- Hudson Rd. Afton MN.
Business Name: Samber P&H Co. Date: 5-17-2024

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)

Property Address: 13377 - Hudson Rd. Afton MN.
 Business Name: Sawyer P&H Co.

Date: 5-17-2024

5. Soil separation – Compliance component #5 of 5

Date of installation 1994 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	<u>36"</u>
B. Periodically saturated soil/bedrock	<u>>70"</u>
C. System separation	<u>>24"</u>
D. Required compliance separation*	<u>24"</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.*

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 03.15.2023

Client:

CHT Construction - Chris

Location / Address:

13372 Hudson Road Appan

Soil parent material(s): (Check all that apply)

- Outwash
- Lacustrine
- Loess
- Till
- Alluvium
- Bedrock
- Organic Matter
- Disturbed/Fill

Landscape Position: Shoulder

Slope %: 5

Slope shape: L.L.

Vegetation: Lawn

Soil survey map units: S-17-2024 Apr.

Surface Elevation-Relative to benchmark:

Limiting Layer Elevation:

Date/Time of Day/Weather Conditions:

5-17-2024 Apr.

Observation #/Location:

#1 off S. on edge of Tracks

Observation Type:

Soil for use

Depth (in)

Texture

Rock Frag. %

Matrix Color(s)

Mottle Color(s)

Redox Kind(s)

Indicator(s)

Shape

Grade

Consistence

Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Shape	Grade	Consistence
0-8	Sandy loam	5	10yR 3/2	—	—	—	Granular	Medium	friable
8-28	"	10	10yR 5/4	—	—	—	Single grain	Weak	loose
28-70	Stony Red.	10	10yR 6/4	—	—	—	"	"	"
No Redox									

Comments:

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

Jerry Sander
(Designer/Inspector)

[Signature]
(Signature)

925
(License #)

5-17-2024
(Date)

Optional Verifications: I hereby certify that this soil observation was verified according to Minn. R. 7082.0500 subp. 3 A. The signature below represents an infield verification of the periodically saturated soil or bedrock at the proposed soil treatment and dispersal site.

(LGU/Designer/Inspector)

(Signature)

(Cert #)

(Date)

Sewage tank integrity assessment form

Subsurface Sewage Treatment Systems (SSTS) Program

Doc Type: Compliance and Enforcement

Purpose: This form may be used to certify the compliance status of the sewage tank components of the SSTS. This form is not a complete SSTS inspection report, only a tank integrity assessment, and may only certify sewage tank compliance status when entirely completed and signed by a qualified professional. SSTS compliance inspection report forms can be found at <https://www.pca.state.mn.us/water/inspections>.

Instructions: This form may be completed, and signed, by a Designated Certified Individual (DCI) of a licensed SSTS inspection, maintenance, installation, or service provider business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system. Only a licensed maintenance business is authorized to pump the tank for assessment. A copy of this information should be submitted to the system owner and be maintained by the licensed SSTS business for a period of five (5) years from the assessment date.

When this form is signed by a qualified certified professional, it becomes *necessary supporting documentation* to an Existing system Compliance Inspection Report: Compliance inspection form - Existing system (wg-wv1st4-31b). This form can be found on the MPCA website at <https://www.pca.state.mn.us/water/inspections>.

The information and certified statement on this form is required when existing septic tank compliance status is determined by an individual other than the SSTS inspector that submits an inspection report. This form represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4(B)(1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4(B),(C), and (D) and; Minn. R. 7083.0730(C).

Owner information

Owner/Representative: Deb McClure
Property address: 13377 Hudson Rd So
Local Regulatory Authority: Afton, MN 55001 Parcel ID: _____

System status

System status on date (mm/dd/yyyy): 10-5-24

Certificate of sewage tank compliance Notice of sewage tank non-compliance

Compliance criteria:

The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit - "Failure to Protect Groundwater."	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
The SSTS has a sewage tank that leaks below the designed operating depth - "Failure to Protect Groundwater."	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
The SSTS presents a threat to public safety by reason of structurally unsound (damaged, cracked, or weak) maintenance hole cover(s) or lids or any other unsafe condition - "Imminent Threat to Public Health or Safety."	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No

Any "yes" answer above indicates sewage tank non-compliance.

Company information

Company name: Dink's Sewer Service
Business license number: 4251

Designated Certified Individual (DCI) information

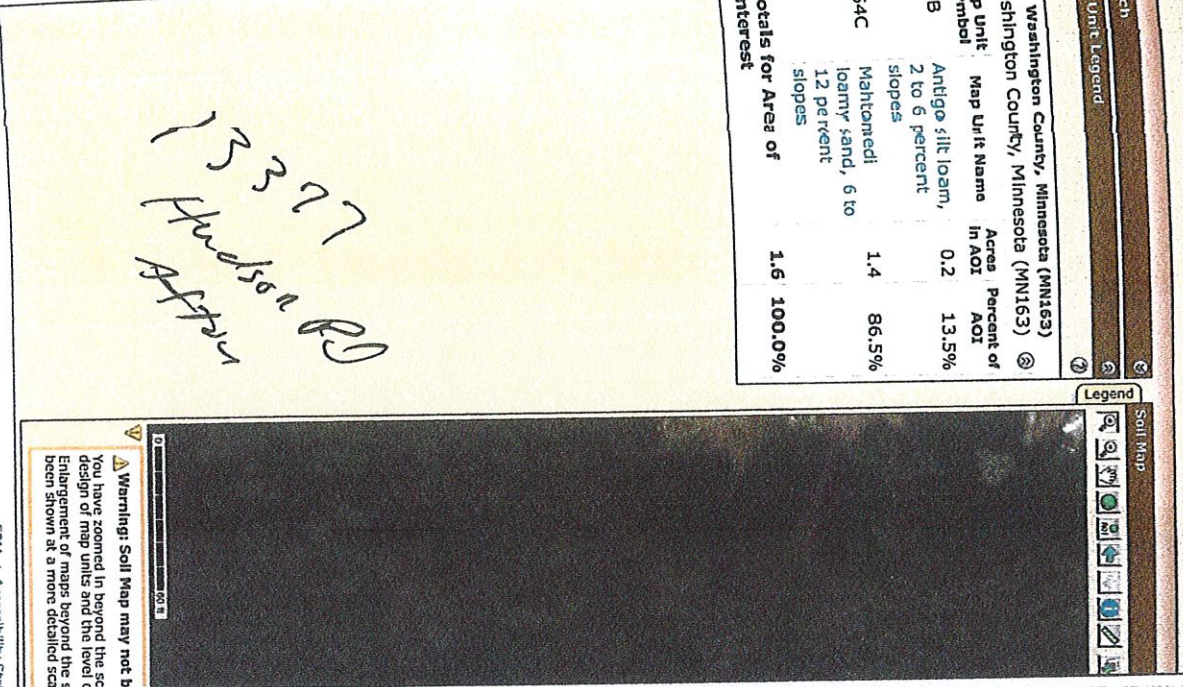
Print name: Nick St. Clair
Certification number: C9155

I personally conducted the work described above as a Designated Certified Individual of a Minnesota-licensed SSTS inspection, maintenance, installation, or service provider Business. I personally conducted the necessary procedures to assess the compliance status of each sewage tank in this SSTS.

By typing/signing 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.

Designated Certified Individual's signature: Nick St. Clair Date (mm/dd/yyyy): 10/05/2024
(This document has been electronically signed.)

Map Unit Symbol	Map Unit Name	Area In AOI	Percent of AOI
45B	Antigo silt loam, 2 to 6 percent slopes	0.2	13.5%
454C	Mahomedt loamy sand, 6 to 12 percent slopes	1.4	86.5%
Totals for Area of Interest		1.6	100.0%



Map Unit Description

Report - Map Unit Description
 Washington County, Minnesota
 454C-Mahomedt loamy sand, 6 to 12 percent slopes

Map Unit Setting
 National map unit symbol: 1195K
 Elevation: 670 to 1,600 feet
 Mean annual precipitation: 28 to 36 inches
 Mean annual air temperature: 39 to 48 degrees F
 Frost-free period: 120 to 170 days
 Farmland classification: Not prime farmland

Map Unit Composition
 Mahomedt and similar soils: 90 percent
 Minor components: 10 percent

Description of Mahomedt mapunit:
 Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Mahomedt Setting
 Landform: Outwash plains
 Landform position (two-dimensional): Shoulder
 Down-slope shape: Convex
 Across-slope shape: Convex
 Parent material: Outwash

Typical profile
 Ap - 0 to 8 inches: loamy sand
 Bw - 8 to 30 inches: gravely coarse sand
 C - 30 to 60 inches: gravely sand

Properties and qualities
 Slope: 6 to 12 percent
 Depth to restrictive feature: More than 80 inches
 Drainage class: Excessively drained
 Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)
 Depth to water table: More than 80 inches
 Frequency of flooding: None
 Frequency of ponding: None
 Calcium carbonate, maximum content: 15 percent
 Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups
 Land capability classification (irrigated): None specified
 Land capability classification (nonirrigated): 6s
 Hydrologic Soil Group: A
 Ecological site: F090AY019W1 - Dry Sandy Uplands
 Forage suitability group: Sandy (G090XN022MN)
 Other vegetative classification: Sandy (G090XN022MN)
 Hydric soil rating: No

Minor Components

Bh11
 Percent of map unit: 3 percent
 Hydric soil rating: No

Antigo
 Percent of map unit: 3 percent
 Hydric soil rating: No

Kingsley
 Percent of map unit: 2 percent
 Hydric soil rating: No

Demonteville
 Percent of map unit: 2 percent
 Hydric soil rating: No

Description - Map Unit Description