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Project: 1776 Oelvig Ave S Afton, MN

A septic compliance inspection was completed, and the system is Compliant according to the MCPA codes for Chapter 7080 and local codes for the City of Afton in Washington County. The system has the following attributes:

Date Home Built: 2005

Bedrooms: 3

Date Septic Built: 2005

Septic Tanks: 2-1000-gallon precast septic tanks, inlet and outlet baffles in place. Risers installed to bring manhole covers to grade during inspection.

Pump Tank: 1000-gallon precast tank, manhole cover to grade. New 1/2 hp pump, on/off float and alarm float installed during inspection.

Soil Treatment: Pressure fed mound. 10'x37.5' rockbed with a 12-inch sand lift.

Ende Septic Service, LLC, has been hired to perform a compliance inspection of your ISTS for compliance with local ordinances pursuant to Minn. State. Sec. 155.55 (2010). The compliance inspection covers only the criteria required by Minn. Stat. Sec. 155.55, Subd. 5a (2010 and Minn. R. 7080.1500 (2011)). A Compliance inspection is a snapshot in time of your septic system and does not warrant the condition or longevity of your septic system. Ende Septic Service, LLC, disclaims any use of the compliance inspection beyond determining SSTS compliance pursuant to Minn. Stat. Sec. 155.55 (2010).

TE C9206



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): 2/19/2020

[X] 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: 09.028.20.31.0009

Property address: 1776 Oelvig Ave S Afton, MN 55001

Reason for inspection: Property Transfer

Property owner: Adam Flink-Buyer Owner: David McKoskey

Owner's phone: Buyer: 651-343-9126

Owner's representative: Shelly-Holz Group-Keller Williams

Representative phone: 652-210-7746

Local regulatory authority: Washington County

Regulatory authority phone: 651-430-6000

Brief system description: 2-1000 gallon septic tanks and a 1000 gallon pump tank to a pressure fed mound.

Comments or recommendations:

Mound has a 10'x37.5' rockbed. All tanks have manhole covers to grade.

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: Tristan Ende

Certification number: C9206

Business name: Ende Septic Service

License number: L2654

Inspector signature: [Signature]

Phone number: 763-428-4489

Necessary or Locally Required Attachments

- [X] Soil boring logs [X] 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:

Tanks pumped and examined by Ende Septic Service on 02/19/2020
Tanks inspected from manhole covers.

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: 2005 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.

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	14"
B. Periodically saturated soil/bedrock	-24"
C. System separation	36"
D. Required compliance separation*	36"

*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 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: _____
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.

Date Completed : 2/19/2020
Completed By : Ende Septic Service
Client / Project : 1776 Oelvig Ave S Afton, MN
Landscape position :
Mapped soil type : Till

Observation # : sb1 and sb2
Equipment : Bucket Auger
Limiting Layer : 26"
Vegetation : Grass
Weather : Sunny

Observation # : 1		<i>south of mound</i>		Elevation:		
Horizon Depth	Soil Texture	Matrix Color	Redox features	Shape	Grade	Consistence
0-18	loam	10YR3/2		Blocky	Moderate	Friable
18-26	clay loam	10YR3/6		Blocky	Moderate	Friable
26-32	clay loam	10YR3/6	5YR5/8	Blocky	Strong	Friable

Observation # : 2		<i>north of mound</i>		Elevation:		
Horizon Depth	Soil Texture	Matrix Color	Redox features	Shape	Grade	Consistence
0-20	loam	10YR3/3		Blocky	Moderate	Friable
20-28	clay loam	10YR3/6		Blocky	Moderate	Friable
28-34	clay loam	10YR3/6	5YR5/8	Blocky	Strong	Friable

TS CG206

PIN 09.028.20.31.0009
Address 1776 OELVIG AVE S
Owner CHAKLOS JENNIFER M & DAVID P MCKOSKEY
Class Residential

