

31-0-054500

2020

Press Submit/Enter to continue or enter new parcel/tax year.

INQPCL-1

Production 10/27/20 09:43:24

Parcel: 31-0-054500

Account: 31408

Asmt year: 2019

Tax year: 2020

Type: RE

Primary owner: 109902 HARMON, RONALD & NICHOLAS

Escrow: 38 - CORELOGIC

Taxpayer: 109902 HARMON, RONALD & NICHOLAS

FALCO: 1 F.O.

Notes:

Undeliverable tax address: N

Hold tax statement:

Emergency#:

Ref. parcel: 00231000054500

Unit:

Lease type:

Surveyed:

Lake #/Name:

Commissioner dist: 1

UDI:

100.00%

Physical address: 36066 380TH AVE

MH court number:

Billing:

P

AITKIN MN 56431

TIF district:

User defined:

TIF knock down date:

Unique Taxing Area

AMBU \*\*\*\* \*

UTA-Township/City: 31 SPENCER TWP

00 00 00 00

School district: 1 AITKIN

Property Description

State UTA: 32 1 00

Acres: 40.00

Lot:

Block:

Desc: NW OF NW

Plat/Description:

Section/Twp/Range: 28 47.0 26



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

Instructions: Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached forms - additional local requirements may also apply.

For local tracking purposes:

Submit completed form to Local Unit of Government (LUG) and system owner within 15 days

System Status

System status on date (mm/dd/yyyy): Oct. 30, 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: 31-0-054500 28-47-26
Property address: 36066-380th Ave Aitkin, Mn. 56431 Reason for inspection: Permit
Property owner: Ronald & Nicholas Harmon Owner's phone: 218-851-6519
Owner's representative: Representative phone:
Local regulatory authority: Aitkin County Regulatory authority phone: 218-927-7342
Brief system description: 2-Bedroom mound with 18" washed sand under rock bed
Comments or recommendations: Pump tank every 3 years in the spring

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 O'Neil Certification number: C-3365
Business name: License number: L-2132
Inspector signature: Tom O'Neil Phone number: 218-927-6070

Necessary or Locally Required Attachments

- [X] Soil boring logs [X] System/As-built drawing [ ] Forms per local ordinance
[X] Other information (list): Soils from system design, County Inspection, and mine also
County As-built drawing

Property address: 36066-380<sup>th</sup> Ave. Aitkin, Mn. 56431

Inspector initials/Date: T.O. 10-30-2020

### 1. Impact on Public Health – Compliance component #1 of 5

#### Compliance criteria:

System discharge sewage to the ground surface.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System discharge sewage to drain tile or surface waters.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
System cause 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: Home Owner said every thing works fine

#### 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: Tank was full at proper operating level and everything looked fine

#### 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 structurally unsound.  Yes\*  No  Unknown
- b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety.  Yes\*  No  Unknown

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:

Property address: 36066-380<sup>th</sup> Ave. Aitkin, Mn. 56431

Inspector initials/Date: Ted 10-30-2020

**4. Soil Separation – Compliance component #4 of 5**

Date of installation: 11-13-2007  Unknown  
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:  Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	<input type="checkbox"/> Yes <input type="checkbox"/> No
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:  Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
"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)  Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.	<input type="checkbox"/> Yes <input type="checkbox"/> No

**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:**

*Borings from Original Design, County inspector, and mine*

**Indicate depths of elevations**

A. Bottom of distribution media	<u>18"</u>
B. Periodically saturated soil/bedrock	<u>18"</u>
C. System separation	<u>36"</u>
D. Required compliance separation*	<u>31"</u>

\*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: _____ Have the Operating Permit requirements been met?	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. Is the required nitrogen BMP in place and properly functioning?	<input type="checkbox"/> Yes <input type="checkbox"/> 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.

**SOILS CHARTS FOR BOTH PROPOSED AND ALTERNATE SITES**

1 (PROPOSED) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
0-5	TOP SOIL	BLK
5-14"	CLAY LOAM	10YR 7/1
14"-18"	CLAY	10YR 4/3
SOILS PIT		

2 (PROPOSED) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
SOILS PIT		

*Design Soils*

1 (ALTERNATE) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
0-5	TOP SOIL	BLK
5-14	CLAY LOAM	10YR 7/1
14-21	CLAY	10YR 4/3
SOILS PIT		

2 (ALTERNATE) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
SOILS PIT		

**ADDITIONAL SOIL BORINGS MAY BE REQUIRED**

# SOILS CHARTS FOR BOTH PROPOSED AND ALTERNATE SITES

1 (PROPOSED) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR
0-6	loam	10yr 3/2
6-12	loam	10yr 4/3
12-18	Silty loam	10yr 5/4
18-22	Clay loam	7.5yr 5/4
mottles at 19"		

2 (PROPOSED) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

1 (ALTERNATE) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

2 (ALTERNATE) SOILS DATA

DEPTH (INCHES)	TEXTURE	MUNSELL COLOR

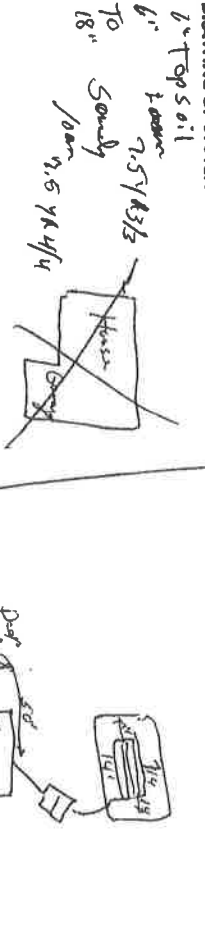
**INDIVIDUAL SEWAGE TREATMENT SYSTEM INSPECTION FORM**  
AITKIN COUNTY, MINNESOTA

Archival: Spencer Date of Inspection: 11/15/07 Permit Number: 35609  
 Proj: Gregory Pond Parcel Number: 31-0-05400  
 Object Address: S.W. NW of T.R. NW Installer: Self  
 NY \_\_\_\_\_ ZIP Code \_\_\_\_\_ New  Repair \_\_\_\_\_

**TRACKS:**  
 ridges to tank(s) 30'  
 ridges to draftfield 40'  
 cell(s) 50' or 100' 50'

**EPIC TANKS:**  
 tank capacity 1860 Camba  
 manufacturer & type Trac pre-cast  
 type of baffles Plastic 1-4" 1-6"  
 spacing pipes 1-4" 1-6"  
 baffles access \_\_\_\_\_  
 h.o. & height of first 12"

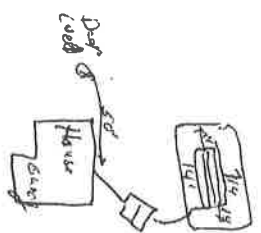
**ROUNDS:**  
 average slope 2%  
 lip/dike width 14"  
 downslope dike width 14"  
 upslope dike width \_\_\_\_\_  
 draftfield rock below pipe 9"  
 depth of sand below rock 18"  
 perforation size & spacing 1/2" - 3/4" tanks  
 pipe size & spacing 1 1/2" - 3/4" tanks  
 dimensions of rock bed 10' x 8' 5"  
 dimensions of sand base 38' x 49'  
 final cover 16" on grade 12" on rock bed



**DIST. or DROP BOX & TYPE** \_\_\_\_\_

**TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:**  
 Trench depth \_\_\_\_\_  
 Trench length \_\_\_\_\_  
 Trench bottom width \_\_\_\_\_  
 Trench bottom level \_\_\_\_\_  
 Trench spacing \_\_\_\_\_  
 Draftfield rock below pipe \_\_\_\_\_  
 Size of gravelless pipe \_\_\_\_\_  
 Depth of backfill \_\_\_\_\_  
 Absorption area: square feet \_\_\_\_\_  
 final feet \_\_\_\_\_

**PUMPS:**  
 Tank capacity 630  
 Tank manufacturer & type Trac  
 No. & height of risers 17"  
 Pump manufacturer & model Gould M1E241  
 Horsepower & GPM 4/10-50  
 Feet of head 12  
 Cycles per day 5  
 Gallons per cycle 120  
 Size of discharge line 2"  
 Type of electrical hookup post  
 Type & location of alarm E/A/C  
 Cycle counter (commercial) \_\_\_\_\_



Inspector's Comments \_\_\_\_\_

Corrective Action Required \_\_\_\_\_

Installer's Signature A.T. F. Hu