

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: 20.028.20.11.0001 Reason for Inspection: property sale

Local regulatory authority info: Washington County

Property address: 13789 30th St S Afton, MN 55001

Owner/representative: Darin Heller Owner's phone: 612-810-9726

Brief system description: 2 septic tanks and a pump tank lifting to a mound drainfield.

System status

System status on date (mm/dd/yyyy): 8/3/2023

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, soil and pumping records on file at Washington County.

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: All State Septic Services LLC Certification number: 323

Inspector signature: Tom Trooien License number: 1568

(This document has been electronically signed)

Phone: 612-594-4496

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): Previous soil verifications

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.

Describe verification methods and results:

None of the above observed.

Attached supporting documentation:

- Other: _____
- Not applicable

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:	

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

Describe verification methods and results:

The tanks were at normal operating level, then were pumped through the maintenance holes. Lowered a camera into the empty tanks - bottoms, walls, covers, baffles, risers & maintenance hole covers ok.

Although not a compliance criteria, the high water alarm was not functioning at the time of inspection - recommend repairing or replacing.

Attached supporting documentation:

- Empty tank(s) viewed by inspector
 - Name of maintenance business: Pinky's
 - License number of maintenance business: 1613
 - Date of maintenance: 8/3/2023
- 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: _____

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 7/31/2007 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.

**Any "no" answer above indicates the system is failing to protect groundwater.*

Describe verification methods and results:

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	101.0
B. Periodically saturated soil/bedrock	98.0
C. System separation	3.0
D. Required compliance separation*	3.0

*May be reduced up to 15 percent if allowed by Local Ordinance.

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.

JOB MARIN FELLER

BORING LOG

13789 30TH ST Aptos

12" Frost

DATE 1-29-2007

Vertical Scale

BOREHOLE DIAMETER 2 1/2"

DEPTH FEET	HOLE #1	HOLE #2	HOLE #3	HOLE #4	HOLE #5	HOLE #6
1	TOP SOIL SANDY LOAM	TOP SOIL SANDY LOAM	TOP SOIL SANDY LOAM		CLASSIFICATION TOP SOIL BROWN LOAM	
2	YELLOWISH BROWN SANDY LOAM CLAY	YELLOWISH BROWN SANDY LOAM OBSTRUCTION	YELLOWISH BROWN SANDY LOAM WITH LIME STONE DEPOSITS STOP		7.5 YR 4/4 YELLOWISH BROWN AND LOAM AND CLAY	
3	BROWN LOAM LIME STONE DEPOSITS STOP	OK 26"	POSSIBLE BED ROCK 24" ±		10 YR 5/8	
4						
5						
6						
7						
8						
9						

LOG OF SOIL BORINGS

Job: 13789 So. 30th Street, Affton
 date: 7-5-01

Depth Feet	B1	B2	B3	B4
1	Dark brown silty loam 10yr 3/3	Dark brown silty loam 10yr 3/2	Medium brown silty loam 10yr 4/3	Medium brown silty loam 10yr 4/2
2	Pale brown limestone sand fragments (restricted @ 28") 10yr 1/3	Pale brown limestone sand fragments (restricted @ 26") 10yr 2/3	Light brown limestone (restricted @ 36") 10yr 5/6	Pale brown limestone sand & stone fragments 10yr 6/3
3				
4				
5				
6				
7				
8				

SITE EVALUATION

COUNTY USE ONLY

CHECK ALL THAT APPLY:

EVALUATOR: CHRIS LECLAIR

- NEW
- EXISTING
- DWELLING
- SHORELAND
- CLASS V
- COMMERCIAL ESTABLISHMENT
- FBL ESTABLISHMENT
- IN WELLHEAD PROTECTION AREA

PROPERTY ADDRESS: 13789 30th ST S

GEOCODE:

DATE: 5 APR 2007

TIME: 9:34

SOIL REVIEW

SOIL CLASSIFICATION: PARENT MATERIAL:

SOIL BORING 1

SOIL BORING 2

ELEVATION OF BORING: LOCATION: SW OF MOUND

GPS COORDINATES: LAT: LON: ELEVATION OF BORING: LOCATION:

BORING PIT PROBE BORING PIT PROBE

SOIL HORIZON DEPTH (IN)	TEXTURE	COLOR	STRUCTURE	REDOXIMORPHIC FEATURES	SOIL HORIZON DEPTH (IN)	TEXTURE	COLOR	STRUCTURE	REDOXIMORPHIC FEATURES
0"-16"	SILT	7.5YR 3/2	SABL	NO					
16"-21"	SL	7.5YR 4/1	SAB	NO					

SOIL REVIEW CONCLUSIONS

<input checked="" type="checkbox"/> SITE SUITABLE <input type="checkbox"/> UNSUITABLE SOIL <input type="checkbox"/> DISTURBED SOIL <input type="checkbox"/> COMPACTED SOIL	DEPTH INFORMATION:		SOIL TEXTURE: SL
	STANDING WATER: NO	SATURATED SOIL: NO	SOIL SIZING FACTOR:
	BEDROCK: NO	MAXIMUM DEPTH OF SYSTEM: 11'	LINEAR LOADING RATE:

SITE REVIEW

CHECK ALL THAT APPLY	EASEMENTS ON LOT:	SETBACKS
<input type="checkbox"/> WETLAND OR WETLAND VEGETATION <input type="checkbox"/> POND, LAKE, STREAM, RIVER <input type="checkbox"/> FLOODPLAIN <input type="checkbox"/> 10 YEAR FLOOD ELEVATION <input type="checkbox"/> BLUFFLINE <input type="checkbox"/> WELL WELL CASING DEPTH:	<input type="checkbox"/> UTILITY <input type="checkbox"/> DRAINAGE <input type="checkbox"/> OTHER	BLUFFLINE
		RIVER
		POND, LAKE, STREAM, WETLAND
		WELL

COMMENTS/NOTES:

Septic tank must be at least 10 feet from structures, including future docks

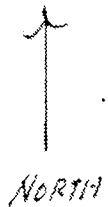
30TH ST SW

380.14

DARIN HELLER
13789 30TH ST
AFTON
NOT A SURVEY
VERIFY LOT
LINES
SCALE 1" = APPROX
65 FT ±

EXISTING MOUND
ADD 30FT ROCK
BED - CHECK
LATERAL SIZE - PLAN
CALLS FOR 1 1/2"
MANIFOLD MAY HAVE
TO BE CHANGED
INSTALLER WILL HAVE
TO DETERMIN THIS

EXISTING SEWER
TANKS AND LIFT
STATION 1000 GAL
CAPACITY



FUTURE MOUND

NEW 4" SEWER
LINE SHOULD
BE INSULATED

4" CLEAN
OUT

APPROX NEW
HOUSE SITE

WELL
APPROX
LOCATION

Protect approved area from traffic.
No excavation or fill allowed in this area

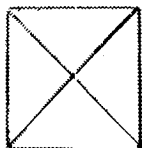
Sewer can be no closer than 20 feet to well and
must be pressure tested within 50 feet of well.

BROWN
BORINGS



EKLIN
BORINGS
BH

BUILDING
BEAN
REMOVED



600' ±

50

