



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): 7/30/2019

[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: 33.028.20.12.0006

Property address: 5161 Trading Post Trail Afton, MN 55001 Reason for inspection: property sale

Property owner: Linda I Pruban Owner's phone: 651-242-4850

Owner's representative: Representative phone:

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

Brief system description: Two precast septic tanks and 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: [Signature] Phone number: 612-594-4496

Necessary or Locally Required Attachments

- [X] Soil boring logs [X] System/As-built drawing [] Forms per local ordinance
[] Other information (list):

4. Soil Separation – Compliance component #4 of 5

Date of installation: 8/20/2015 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:

B-1 0-12 topsoil.....10 YR 3/2
 12-21 loamy sand.....10 YR 4/3
 21-36 loam.....7.5 YR 4/4
 Redox concentrations & depletions at 27"

Indicate depths or elevations

A. Bottom of distribution media	98.3
B. Periodically saturated soil/bedrock	95.0
C. System separation	3.3
D. Required compliance separation*	3'

*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.

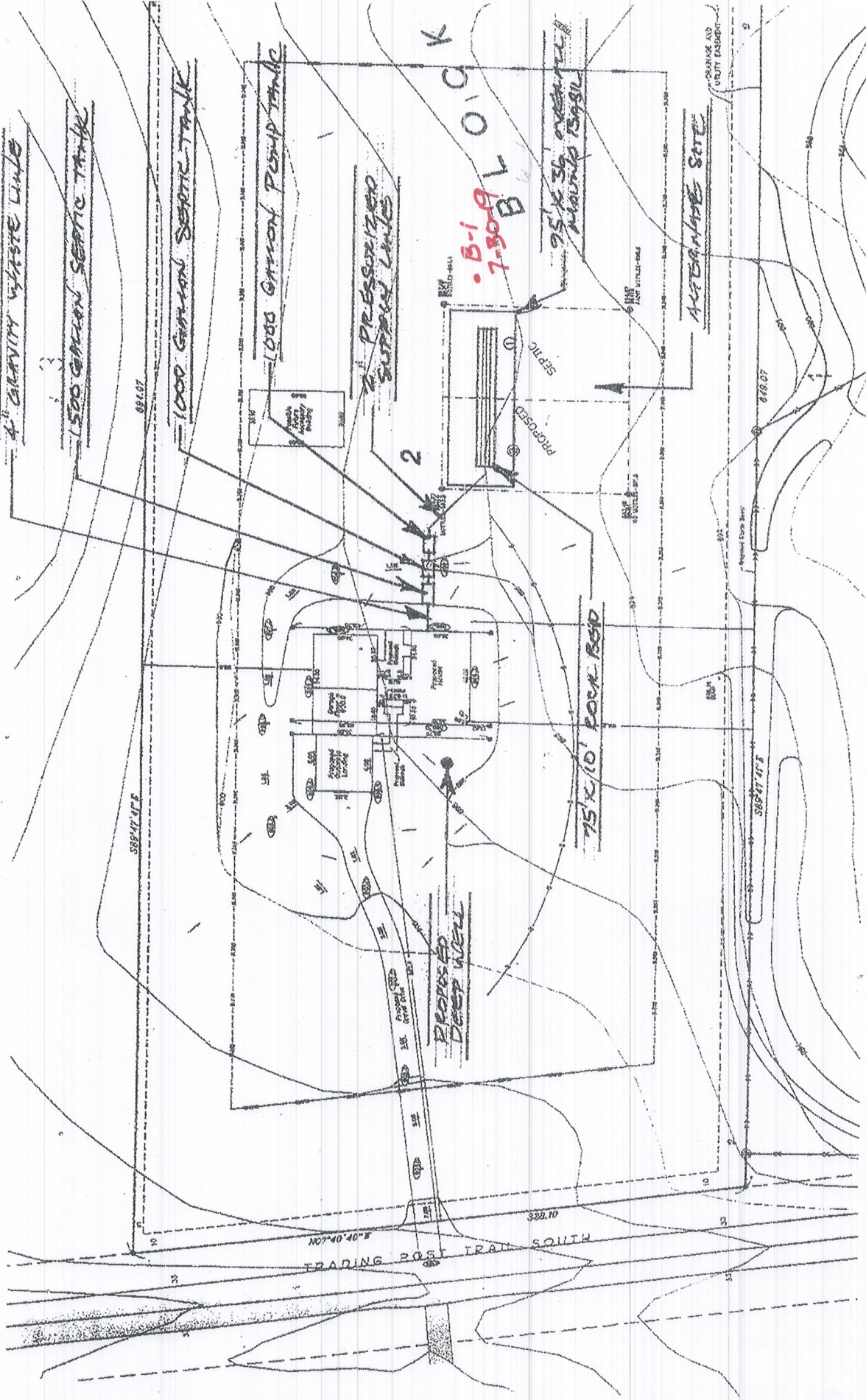
Compliance criteria

- 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.

(1" = 20' 0")
1 inch = 20 feet



BUILDER TO VERIFY USE DIMENSIONS, SEWER DEPTH AND FOUNDATION DEPTH
 DRIVEWAYS ARE SHOWN FOR GRAPHIC PURPOSES ONLY. FINAL DRIVEWAY DESIGN
 AND LOCATION TO BE DETERMINED BY CONTRACTOR.
 FINISHED GRADE ADJACENT TO HOME SHALL BE 0.5 FEET BELOW TOP OF BLOCK
 EXCEPT AT DRIVEWAY AND PATIO

K.L.O. RUD & SONS, INC.
 Professional Land Surveyors
 677 Lake Drive NE, Suite 110
 Grand Rapids, MI 49503
 Phone: (616) 271-2700

- ⊖ DENOTES PROPOSED ELEVATION.
- ⊕ DENOTES EXISTING ELEVATION.
- ↔ DENOTES DIRECTION OF DRAINAGE.
- ⊗ DENOTES WOOD RIB/METAL SPIRE AT 11 FOOT OFFSET. (UNLESS OTHERWISE NOTED)
- ⋯ DENOTES EXISTING CONTOURS
- ⋯ DENOTES PROPOSED CONTOURS
- ⊖ DENOTES SLOPE BEING BY TRAP/REAR SLO.

PROPOSED ELEVATIONS:

TOP OF BLOCK	900.0
HOUSE FLOOR	900.0
TOP OF FOOTING	891.7

PROPOSED IMPERVIOUS SURFACE CALCULATIONS:

LOT AREA	218,246 SF.
YARDS AND DRIVE	3,097 SF.
LANDING & SIDEWALK	6,552 SF.
TOTAL IMPERVIOUS	2.3%
PERCENT IMPERVIOUS	2.3%
FUTURE ADJUSTMENT RANGE	0.400 SF.
FUTURE PERCENT IMPERVIOUS	2.8%

I hereby certify that this report was prepared by me or under my direct supervision and I am a duly Registered Land Surveyor in the State of Michigan.

K.L.O. RUD & SONS, INC.
 DATE: 8/21/07