



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.

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): 7/2/2018

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: 2202820410009

Property address: 15945 35TH ST S, CITY OF AFTON Reason for inspection: PROPERTY TRANSFER

Property owner: DICKINSON MARY J TRS Owner's phone: _____

or
 Owner's representative: _____ Representative phone: _____

Local regulatory authority: WASHINGTON COUNTY Regulatory authority phone: _____

Brief system description: 1250-GALLON SEPTIC TANK WITH GRAVITY 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: RYAN LASHINSKI Certification number: 3053

Business name: LASHINSKI SEPTIC SERVICE License number: L65

Inspector signature: _____ Phone number: 763-434-3915

Necessary or Locally Required Attachments

- Soil boring logs
- 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:

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: 9/11/1984 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	<98'3" @ first trench
B. Periodically saturated soil/bedrock	96'8"
C. System separation	19" @ first trench
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: _____ Yes No
Have the Operating Permit requirements been met?
- 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.*

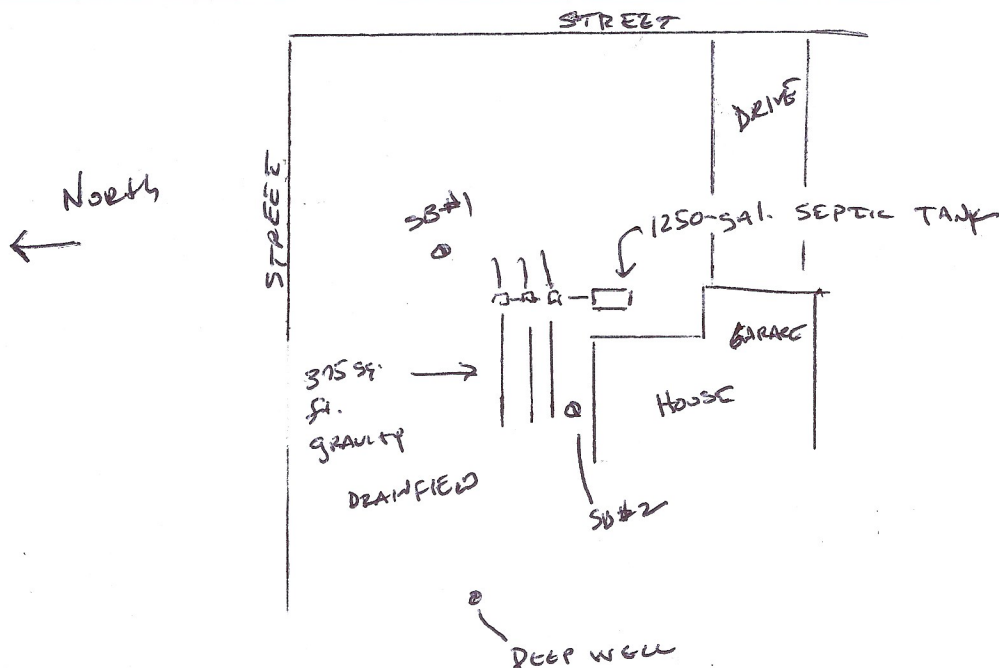


Compliance Inspection Attachment for Existing Individual Sewage Treatment Systems

Address 15945 35 Street, Afton

Boring #1 Elevation: 100'2"		Boring #2 Elevation: "		Boring #3 Elevation:	
0-6	10YR 3/3 topsoil	0-6	10YR 3/3 topsoil		
-42	10YR 3/4, 4/4 dark yellowish brown fine sand.	-48	10YR 3/4, 4/4 dark yellowish brown fine sand.		
-60	10YR 5/4 brown sand. 10YR 5/6 yellowish brown loamy fine sand and gravel. Redoximorphic mottling at 42"	-56	10YR 5/4 brown sand. 10YR 5/6 yellowish brown loamy fine sand and gravel. Redoximorphic mottling at 48"		

Sketch:



Comments: Benchmark = Top of septic tank. Assumed elevation = 100'0". Soil boring #1 and #2 indicated redoximorphic mottling at a depth of 42" and 48". The system does not meet the required 36" vertical separation from seasonally saturated soils. The system consists of a 1250-gallon septic tank and gravity drainfield trenches. The tank was pumped at the time of this inspection and is in good condition, the baffles were checked and o.k. No ponding was observed in the trenches however the house was sitting empty during this inspection. Contact Washington County for upgrade requirements. This inspection is not a warranty or guarantee, either written or implied, of future or long-term hydraulic functionality/performance, but rather a determination if the systems use is/may cause pollution and/or adverse harm to the environment, groundwater or public health and safety at the time of this inspection. No guarantee can be made on future hydraulic performance, or the performance of system components. Changes in use can cause any system, failing or compliant, to become hydraulically overloaded and ultimately fail. Owner/buyer assumes full responsibility for the long-term performance of this system as well as any future upgrade, repairs or replacement costs. Liability is limited to the cost of this inspection.

* SEE ATTACHED REQUIREMENTS FOR
ON-SITE SEWAGE SYSTEMS IN FLOOD PLAIN AREAS. FEE: \$ 50.00

WASHINGTON COUNTY, MINNESOTA

Sewage Treatment Permit No. 3442

Inspection of Installation Must Be Made By the Building Official Before Any Portion of System Is Covered
Contact Planning Department, 439-3220 x-176, 24 HOUR NOTICE REQUIRED

Owner: KEN DICKINSON
Property Description: LOTS 1 & 2 4-PT OF 3 BLK 3 AFTON.
Property Address: 35 TH ST SO AFTON
Use of Building: HOME Flow Rate: 3 BEDROOM Percolation Rate: 5 mpi
Septic Tank: 1200 Gal. Liquid Capacity Lift Station (if needed) - Gal.
Type of System: DRAINFIELD AT OR ABOVE 10 YR FLOOD ELEV. OF 687
Absorption Trench — Square Feet 375 Lineal Feet 125 Width 36"
Depth of Rock Below Lines 12 Inches, Above Lines 2 Inches
Depth of Trench From Existing Grade — Minimum 12 Inches, Maximum 24 Inches
Recommended Number of Lines 4 AT 32' (Note: Maximum Length of Individual Line Is 100 Feet.)
Minimum Spacing of Lines 7 1/2 Ft. Center to Center

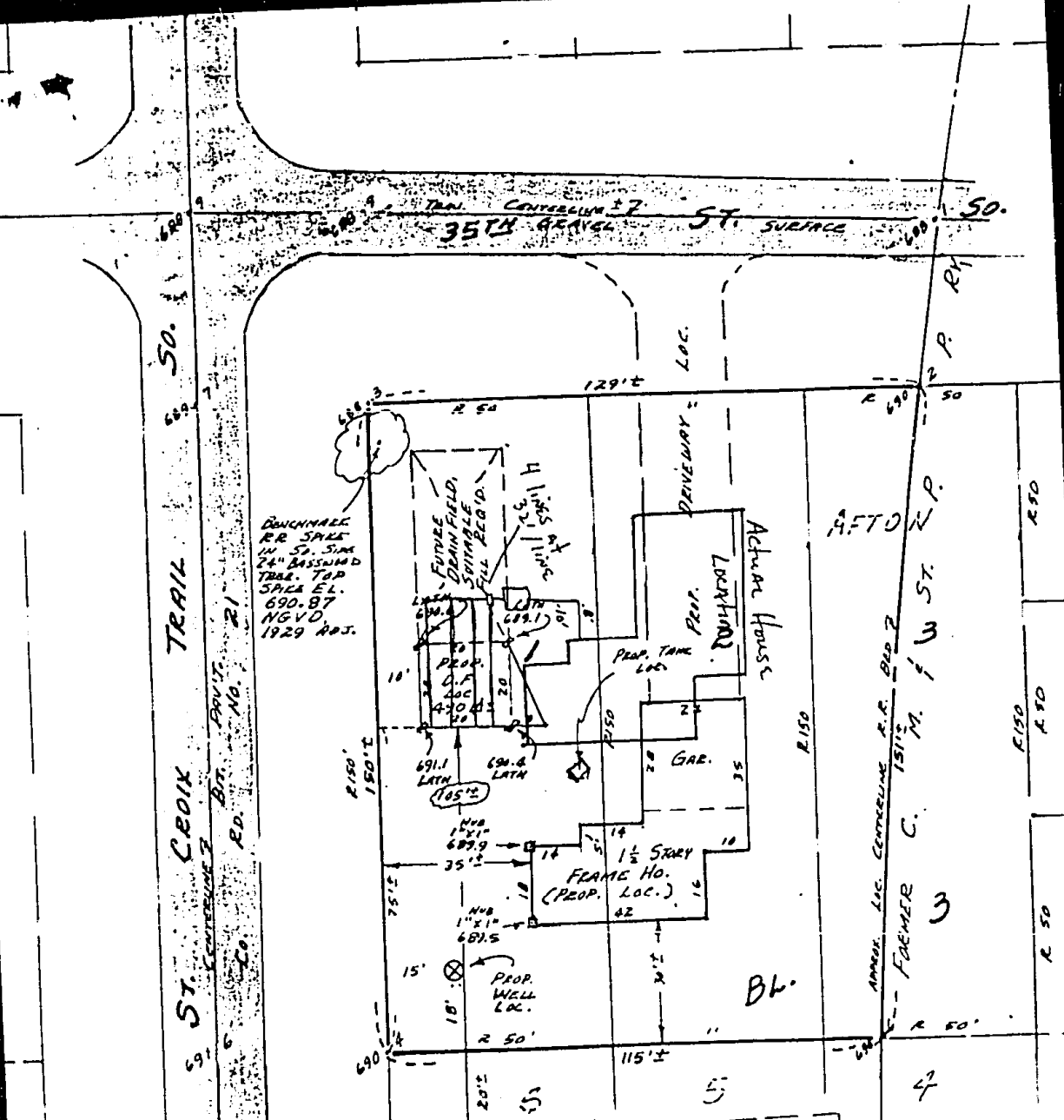
Special Conditions SYSTEM MUST GO IN AREA OF N.W. CORNER OF LOT AS
SHOWN ON CERTIFICATE OF SURVEY. BOTTOM OF TRENCHES MUST BE
AT ELEVATION 687 OR HIGHER. BACKFLOW PREVENTER MUST BE
INSTALLED BETWEEN HOUSE & TANK. THERE SHALL BE NO PIPE
OR OTHER INSTALLED OPENINGS BETWEEN FILTER MATERIAL & GROUND
SURFACE.

PERMIT: Permission is hereby granted to the above named applicant to perform the work described in the application to the minimum specifications shown above and per attached site plan. This permit is granted upon express condition that the person to whom it is granted, and his agents, employees and workmen shall conform in all respects to ordinances of Washington County, Minnesota. This permit may be revoked at any time upon violation of any said ordinance, and permit shall be void if work is not commenced within six (6) months.
INSTALLER MUST HOLD CURRENT SEPTIC INSTALLER LICENSE WITH WASHINGTON COUNTY.

Approved: Al R. [Signature] Date 10-1-84
Zoning Administrator/Authorized Agent

Comments _____

Installation Approved _____ Date _____
Inspector



DUNHAM RR SALE
 14" 5" SIM
 24" ASSUMED
 TRAIL. TOP
 SPICE EL.
 690.87
 NGVD
 1929 ADJ.

50. ST. CROIX TRAIL

35TH GRAVE ST. SURFACE

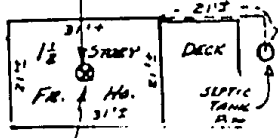
AFTO N.P.
 1517 A. F. W. ST.
 FARMER C. 3

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota

Bennett M. Stued

Date: Sept. 11, 1984 Reg. No. 13774

APPROX. WALL LOC. (SHALLLOW) DESC. BY OWNER AS "IN MIDDLE" OF HOUSE.



R.C. 80