

MAC'S SERVICE

34918 Falcon Ave., North Branch, MN, 55056
macsewer12@gmail.com

651-462-1510

Date: 4-17-18 Time: 1:30

Phone: 651 464-6129 Cell:

Email: jaccut@aol.com

Name: Gene Frownfelter

Address: 7710 235th St. N

City/State/Zip: Forest Lake MN 55025

LUG Wash

Septic Inspection	300-
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Wash City Insp Fee	40-
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Thank you

Gross to Pump tanks TOTAL	340
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PAID CK# _____ VISA MASTER CARD AVR _____

PAYMENT DUE UPON RECEIPT—\$20 LATE FEE DUE after 7 days.
A \$30 NSF fee will be charged for returned checks.

Mac's Sewer Service

Compliance Inspections Water Tests Septic Designs Perc/Soil Tests

April 17th, 2018

Gene Frountler
7710-235th St. N.
Forest Lake, MN. 55025

RE: same

Enclosed please find the following documents:

Certificate of Compliance per MPCA Ch. 7080 Compliance Code

Comments- see comment sections of report.

Repairs

Design

Perc/Soil Testing Results

Water Test Results

Invoice/Bill

Bill Lender/Agent

Balance Due upon receipt

Paid in full

We appreciate your business.

Sincerely,



Michael D. McElhatton

Inspector & Designer

34918 Falcon Ave., North Branch, MN. 55056 (651) 462-1510 Fax: (651) 203-7381
M.P.C.A. Certified #1476 Licensed-Bonded-Insured

Compliance Inspection Form

Existing Subsurface Sewage Treatment Systems (SSTS)

Doc Type: Compliance and Enforcement

For local tracking purposes:

Instructions: 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

System Status

System status on date (m/d/d/yyyy): 4/17/2018

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: _____
 Property address: 7710-235th ST. N., FOREST LAKE, MN, 55025
 Property owner: GENE FROUNFELTER
 Owner's phone: 651-464-6129

OR

Owner's representative: _____
 Local regulatory authority: WASHINGTON COUNTY
 Brief system description: MOUND with 3 tanks; two 1250 gal. septic tanks & 800 gal. lift tank
 Comments or recommendations: _____

Any system, old or new, can be hydraulically overloaded with improper use, abuse, lack of maintenance, or sudden and heavy usage. The average life of a drainfield is 20-30 years. ***COMPLIANCE DOES NOT WARRANT FUTURE USE***

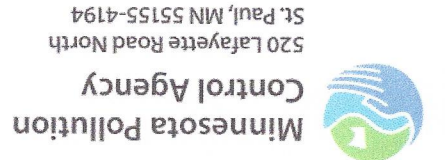
Certification

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: MICHAEL D. MCELHATTON
 Business name: MAC'S SEWER SERVICE
 Inspector signature: *Michael D. McElhatten*
 License number: L1476
 Phone number: 651-462-1510

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

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)

Comments/Explanation:
NO OTHER VISIBLE PROBLEMS OBSERVED AT THE TIME OF INSPECTION.

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.

2. Tank Integrity – Compliance component #2 of 5

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)

Comments/Explanation:
TANKS PUMPED BY ROSS' SEWER SVC. AT TIME OF INSPECTION. 3 PRECAST TANKS; TWO 1250 GAL. SEPTIC TANKS & 800 GAL. LIFT TANK

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, or leaching pit.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Seepage pits meeting 7080.2550 may be compliant if allowed in local ordinance.	<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.

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:

4. Soil Separation – Compliance component #4 of 5

Property address: 7710-235th ST. N., FOREST LAKE, MN. 55025

Inspector initials/Date: Wm 4-17-18

Date of installation: 1995-96 Unknown
 Shoreland/Wellhead protection/Food Beverage Yes No
 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.
 Yes 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.*
 Yes 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.
 Yes No

Any "no" answer above indicates the system is Failing to Protect Groundwater.

Comments/Explanation:
 DRAINFIELD MEETS COMPLIANCE

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)

Indicate depths of elevations

A. Bottom of distribution media	12" in mound
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.

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

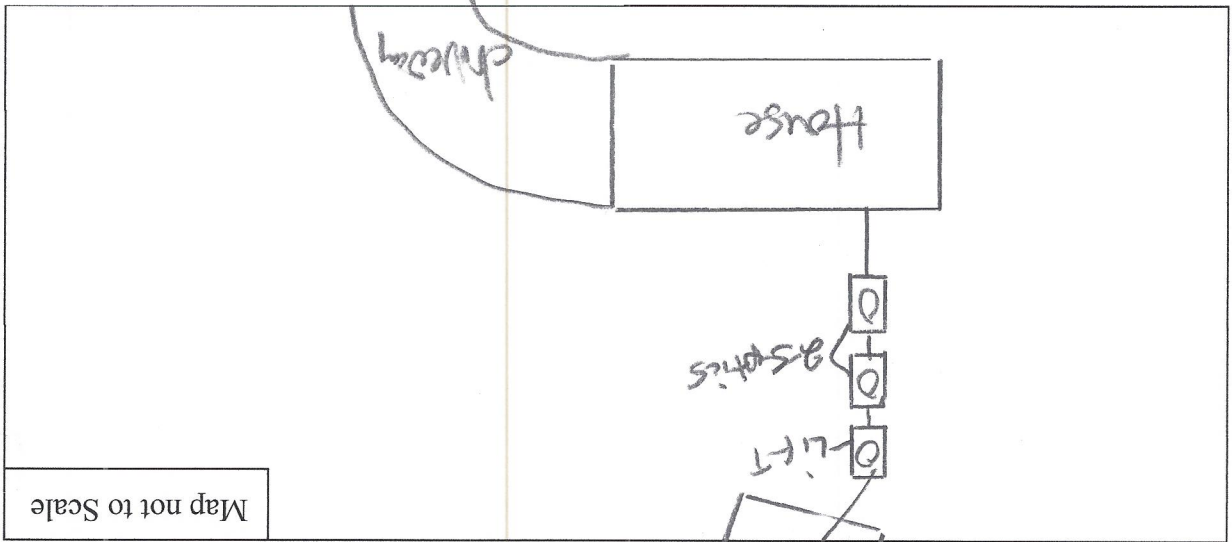
a. Operating Permit number: _____
 Have the Operating Permit requirements been met? Yes No
 b. Is the required nitrogen BMP in place and properly functioning? Yes No

Any "no" answer indicates Noncompliance.

Upgrade Requirements (Minn. Stat. § 115.55) An imminent threat to public health and safety (TPHS) 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 falling 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.

SITE SKETCH + BORING LOG

Property 7710-235TH ST. N. Mound Area (B-1) By Mac's Sewer Service 4/17/2018



SOIL BORING #1

0-22" 10yr 3/2 dark brown sandy loam
22-28" 10yr 5/4 med brown sandy clay loam

Mottling 24"++

COMMENTS: System MEETS MPCA CH. 7080 compliance code.

WINTER INSPECTION DISCLOSURE: Every effort is made by Mac's Sewer Service to use the same level of standards to perform winter inspections as those in warmer months, however, the same level of standards may not be possible due to snow cover and/or frozen soil, and as a result may limit the scope of Inspector's ability to determine compliance but was done to the best of his ability, and which buyer & seller accept as performed and as reported.

BANK OWNED or VACANT PROPERTY: If property is bank owned or vacant, there is no owner testimony or current use to determine if there is, or has been, a history of back up into the house or surface discharge, although none was observed at the time of this inspection. Mac's Sewer does not assume any liability for limits of the inspection due to homes being vacant or winterized. Buyer & Seller accept these results as-is and as reported.

PURPOSE: The purpose and results of this inspection are only to determine if there is, or is not, adequate treatment of wastewater to protect against ground water pollution via tank(s) and drain field at the time of inspection per the MPCA CH. 7080 Compliance Code. No other determination has been, or is made or implied, including system longevity, the inside plumbing & function, future performance or warranty of system due to unknown conditions during system construction, hydraulic performance, the use of the system, it's age or size, inadequate maintenance, or future water usage. *Liability is limited to the cost of this inspection.*

Requirements to bring system into compliance if deemed not in compliance NONE