



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): 12/19/2018

[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: 3002821220004

Property address: 2800 Bailey Court Newport, MN 55055 Reason for inspection: Property Transfer

Property owner: Kurt Harder Owner's phone: 651-402-8251

or

Owner's representative: Representative phone:

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

Brief system description: Qty (2) Septic tanks to gravity drainfield.

Comments or recommendations:

System was installed in 2000 with a permit from Washington County. The address from the original was 3001 Bailey Rd and the address then changed to 2800 Bailey Court after the house was moved which it was tested and designed for.

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: Dave Brown Certification number: C9370

Business name: David R Brown License number: L3649

Inspector signature: [Signature] Phone number: 651-788-3296

Necessary or Locally Required Attachments

- [X] Soil boring logs [X] 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:

There has never been an issue.

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: 11/27/2000 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
- B. Periodically saturated soil/bedrock
- C. System separation
- D. Required compliance separation*

*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.*

STANDARD SYSTEM DESIGN INDIVIDUAL SEWAGE TREATMENT SYSTEM

WASHINGTON COUNTY HEALTH, ENVIRONMENT & LAND MANAGEMENT
14900 N. 61ST STREET, P.O. BOX 3803, STILLWATER, MN 55082-3803
612/430-6708 OR 612/430-6656 FAX 612/430-6730

Primary Design Field

Owner's Name	<i>Lowell Gost</i>
Job Site Address	<i>3001 Bailey Rd.</i>
City or Township	<i>Newport</i>
Use of Building	<i>Single Family Home.</i>

Design Flow Rate <i>600 gal</i>	Perc Rate <i>31 mpi</i>	Land Slope <i>4</i>	Percent
Two Required Tank Sizes <i>1000</i>	Gallons <i>1000</i>	Lift Station Tank Size <i>—</i>	Gallons
Type of System (standard, at grade or bed) <i>Standard</i>			
System Size: <i>1200</i>	-Square Feet <i>400</i>	-Lineal Feet <i>36"</i>	-Trench Width
Depth of rock below pipe <i>12"</i>		Depth of Rock Above Pipe <i>2"</i>	
MINimum Depth of Trench From Existing Grade <i>30</i>	Inches	MAXimum Depth of Trench From Existing Grade <i>42</i>	Inches
Recommended Number of Trenches <i>5</i>		Recommended Length of Trenches <i>80</i>	
Trench Spacing Measured Center to Center <i>6 to 7</i>		Feet	
Any Other Special Conditions <i>(6) 67' trenches may be used.</i>			

IF PRESSURE DISTRIBUTION IS USED, COMPLETE THE PRESSURE DISTRIBUTION WORK SHEET ATTACHED.

This design must be accompanied by a site plan that clearly shows the location of the area tested and approved by the following:

1. Use an appropriate scale and indicate direction by use of a north arrow.
2. Show ALL property boundaries, rights-of-way, easements, wetlands. If necessary, an enlarged detail of the house site may also be required.
3. Show location of house, garage, driveway and all other improvements existing or proposed.
4. Show location and layout of sewage treatment system.
5. Show location of water supply (well and/or community supply line).
6. Dimension all setbacks and separation distances.

This system has been designed by a Pollution Control Agency (PCA) Certified Professional.

Designer Name <i>Barry Brown</i>	PCA Certification # <i>1772</i>
Address <i>3041 Woodlane Dr. Woodbury 55125</i>	Phone # <i>651-735-7321</i>
Signature <i>Barry J Brown</i>	Date <i>11-30-99</i>



WASHINGTON COUNTY, MINNESOTA
 Department of Public Health
 and Environment 651/430-6708

PERMIT NUMBER 120020001 NEWPORT CITY SEWAGE PERMIT

Owner : LOWELL YOST
 4405 CENTURY AVE S
 WOODBURY MN 55129
 Applicant : BOB ZELMER 459-7235

NEW DRAINFIELD PERMIT	150.00
SEPTIC APPLICATION/SOIL REVIEW	150.00
Total Fees :	300.00
Total Paid :	300.00
Total Due :	.00

1200-20001

PERMISSION IS HEREBY GRANTED

To execute the work specified in this permit on the following described property upon express condition that said persons and their agents, employees and workmen shall conform in all respects to the provisions of the Building Code, and/or Ordinances.

This permit may be revoked at any time upon the violation of any of the provisions of said code and ordinances.

Project Address : 3001 BAILEY RD NEWPORT MN 55055
 Legal Description: PT OF NW1/4-NW1/4 302521 BEING THAT PT OF N Geo : 30-028-21-22-0004
 Flow Capacity 600 Gal/Day Tank Volume 2000
 Soil Conditions: Depth to Restriction 54 Inches Perm Rate 31 Min/Inch

Soil Treatment Type:
 Bottom Area 1200 Rock Depth 12

Authorized Work / Special Conditions

- Install individual sewage treatment system as per approved design in area tested and shown on site plan.
- THIS SYSTEM MUST BE INSTALLED BY A CERTIFIED/LICENSED SEWAGE TREATMENT SYSTEM INSTALLER HOLDING A CURRENT LICENSE WITH THE MINNESOTA POLLUTION CONTROL AGENCY. (A list of installers is available at your request.)
- Rope off and protect tested area from all vehicle traffic.
- Maximum Trench depth 42 inches into natural soil.
- Back-up area for second future on-site system must be protected from all traffic.

** Permit Expiration Date : Sewage Treatment : 2001-05-03

A CERTIFICATE OF OCCUPANCY MUST BE REQUESTED AND ISSUED PRIOR TO USE OR OCCUPANCY OF WORK PERMITTED BY A BUILDING PERMIT.

** This permit shall expire and be null and void if the work authorized by the Building Permit is not commenced within 60 days of the date of issuance or if work is abandoned or suspended for a period of 120 days. Term of the Building Permit is 12 months from date of issue. Term of sewage treatment permit is 12 months from date of issue.

Penalty for violation of any of the provisions of building code: Fine not to exceed five hundred dollars (\$500.00) or imprisonment for not more than ninety (90) days, or both.

Permit Issue Date 2000-05-03 Code Enforcement Officer *Allen [Signature]*

INSPECTION RECORD

BUILDING	DATE	INSP.	COMMENTS
Foundation			
Foundation Wall			
Plumbing (Groundwork)			
Heating (Groundwork)			
Rough Plumbing			
Rough Gas Piping			
Rough Heating and Ventilation			
Framing			
Insulation			
Fireplace			
Chimney			
Wallboard or Lath and Plaster			
Final Electrical			
Final Plumbing			
Final Gas Piping			
Final Heating and Ventilation			
Final Building			

SEWAGE TREATMENT SYSTEM	DATE	INSP.	COMMENTS
Installation	11-27-00	A.S.	gravity Tank Size: 2-1000 Treatment Area: 1200 sq ft
As Built			Installer: Zellmer

DRIVEWAY	DATE	INSP.	COMMENTS
Access			
Installation			

NOTES:

INSPECTION REQUEST DETAIL

DATE 11/27/00

Requested Date 2000-11-27 Requested Time 11:00 TO TIME 11:15
Priority 0

Application Number 1200 20001

Owner Name LOWELL YOST

Project Address 3001 BAILEY RD
Municipality NEWPORT CITY

Tom

Inspection Type SEPTIC For ~~RICK~~ ZELLMER

Special Instructions

Inspector *gls* Date 11-27-00 Time 11:30

Corrections _____
_____ *DK* _____

3001 Bailey Rd., Newport.
Primary Drain field

N ↑
1" = 20'

Pipe from Building Sewer should
follow the existing beam as shown

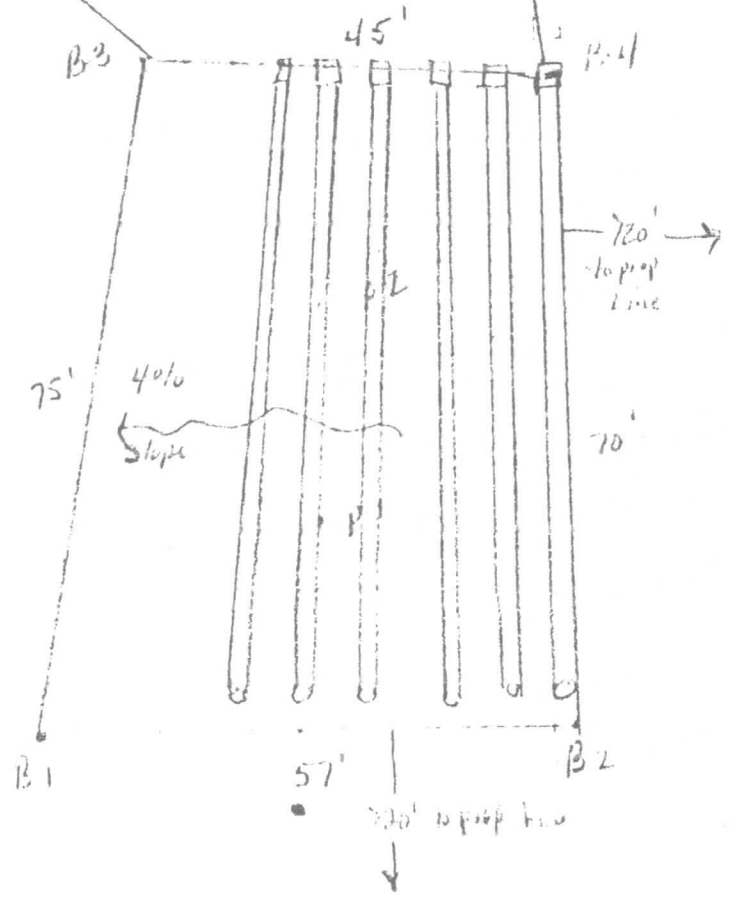
Proposed
Home

Existing
well
7100'

(2) 1000 gallon
septic tanks

90'

(6) 67' trenches are shown
(5) 80' trenches would leave ample
space for a future drain field



LOG OF SOIL BORINGS Secondary Drain field

job: 3001 Bailey Road Newport Washington Co.

date: 7-5-99

Depth Feet	B1	B2	B3	B4
1	Black loam 10yr 2/1	Dark brown loam 10yr 3/3	Dark brown loam 10yr 3/3	Dark brown loam 10yr 3/3
2	Dark brown loam 10yr 3/3	med brown loam 10yr 4/3	med brown sandy loam to sandy clay loam 10yr 4/3	med brown sandy loam - much rock 10yr 4/3
3	med brown sandy loam 10yr 4/3	med. brown to red brown sandy loam - clump 10yr 5/3	med to red brown sandy loam 5yr 4/3	Red brown sandy loam & gravel 5yr 4/3
5	60 mottling after 60"	60	62 Wet at 62"	med. brown loamy sand & gravel 10yr 5/3
6				
7				
8				

LOG OF SOIL BORINGS - Primary Drain Field

Job: 3001 Bailey Road Newport Wash Co.
 date: 11-29-99

Depth Feet	B1	B2	B3	B4
1	Med brown loam 10yr 4/3	Dark brown loam 10yr 3/3	med brown sandy loam 10yr 4/3	Dark brown loam 10yr 3/3
2	Dark brown loam	med brown clay loam	Red brown sandy loam	med brown sandy clay loam 10yr 4/3
3	10yr 3/3	10yr 4/3	5yr 4/3	Red brown sandy loam & gravel 5yr 4/3
4	Red brown sandy loam & gravel 5yr 4/3	yellow brown sandy loam - some gravel 10yr 5/6	Red brown sandy loam	Red brown loamy sand. 5yr 5/3
5		med brown loamy sand. 10yr 4/3	5yr 5/3	
6	Red brown loamy sand. 5yr 5/3			
7				
8				