



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): 5/16/2016

[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: 2802820240003

Property address: 4354 Trading Post Trail S. Afton, MN 55001 Reason for inspection: VBWD Kelle's Creek Program
Property owner: Young H. Lee Owner's phone: 651-436-7564
Owner's representative: Representative phone:
Local regulatory authority: Washington County Regulatory authority phone: 651-430-6655
Brief system description: 2 septic tank and 1 pump tank to pressure bed

Comments or recommendations:

System was installed with a permit from Washington County in 2003.

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: C#9370
Business name: David R. Brown License number: L#3649
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:

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: 11/14/2003 (mm/dd/yyyy) Unknown

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:

Indicate depths or elevations

A. Bottom of distribution media	24"
B. Periodically saturated soil/bedrock	>72"
C. System separation	48"
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.

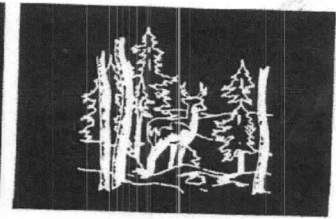
Compliance criteria

- a. Operating Permit number: _____ 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.

**Kelle's Creek Watershed
Septic System Inspection Program**



VB Valley Branch
Watershed District

**Valley Branch Watershed District (VBWD)
Septic System Inspection Application**

To be completed by VBWD

Date received: _____

Return application to:

Jen Koehler
Barr Engineering Co. (Engineers for VBWD)
4300 MarketPointe Drive
Bloomington, MN 55435
jkoehler@barr.com

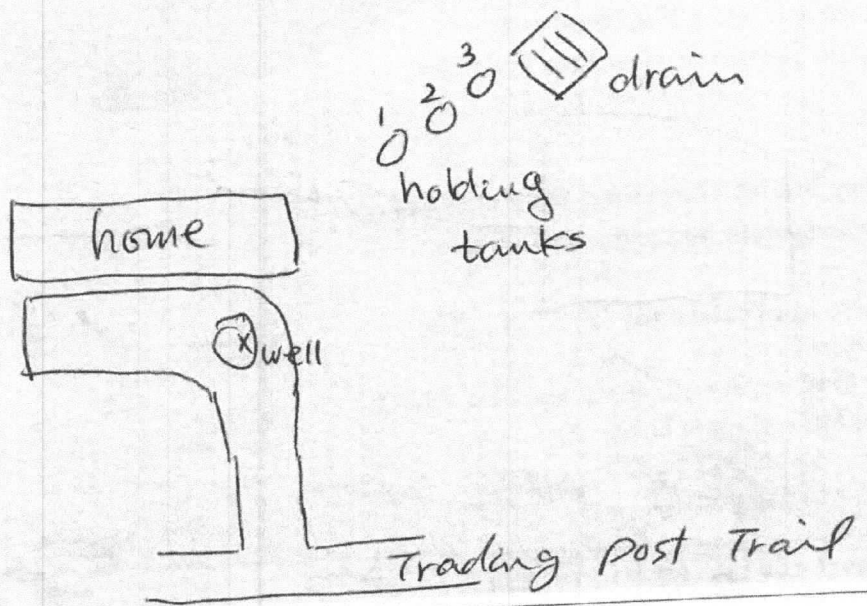
Project and contact information			
Name of landowner/applicant	YOUNG H. LEE		
Street address	4354 TRADING POST TRAIL SOUTH		
City	AFTON	State	MN Zip 55001
Parcel identification number (if known)			
Phone(s)	651-436-7564		
E-mail address(es)	minnpine@gmail.com		
Preferred method of contact (phone or email)	email		
Preferred contact day/time	weekdays		
Mailing address (if different from above)			

Property and septic system information			
Property address	same as above		
Year home built	2003	Year home purchased	
Number of bedrooms	4	Number of bathrooms	4
Approximate age of septic system (if known)	13		
When was your current system last pumped? Date(s)	6/18/2015		
Have you had your septic system inspected within the past 3 years? Yes <input type="radio"/> No <input checked="" type="radio"/>	If yes, what year?		

Program funded in part by



Where is the septic system (septic tank and soil treatment area) located on your property?
(Type description or make a sketch in the space provided)



Certification

I/We certify that by signing this application form that the information stated on the form is true and correct to the best of my/our knowledge and that I/we am/are interested in participating with the Valley Branch Watershed District in inspecting the septic system on the property listed in this application. I/we am/are the owners of the property listed in this application, and I/we give permission for a septic system inspector to enter the property listed in this application for purposes of inspecting the septic system. I/We recognize that by authorizing the inspection of the septic system on my/our property, a notice of noncompliance and order to replace the system may be issued by Washington County on behalf of the City of Afton. If so, I/we will be responsible for upgrading/replacing the system in the time frame outlined by the City of Afton ordinance.

Applicant signature Young A. Lee

Date 4/26/16



WASHINGTON COUNTY, MINNESOTA
 Department of Public Health
 and Environment 651/430-6688

Scanned 8/11/08 DM

PERMIT NUMBER: 010003010 SEWAGE PERMIT
 (Owner): JEFF CHILDRS
 2077 OHRVA AVE
 OAKDALE MN 55128
 Applicant: McDONALD CONSTRUCTION 612-747-7901

SRM DRAINFIELD PERMIT	205.00
SEPTIC APPLICATION/SOTL REVIEW	195.00
Total Fees:	400.00
Total Paid:	.00
Total Due:	400.00

45744

0100-03010

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: 4364 TRADING POST TRAIL SOUTH APTON MN 56001 Gen: 28-028-20-24-0003

Legal Description: APTON
 Flow Capacity: 600 Gal/Day Tank Volume: 2000
 Soil Conditions: Depth to Restriction: 46 Inches Pipe Size: 615 Dia/Inch

Soil Treatment Type:
 Bottom Area: 800 Rock Depth: 12

- Authorized Work / Special Conditions
- Install individual sewage treatment system as per approved design in area tested and shown on site plan.
 - Rope off and protect tested area from all vehicle traffic.
 - Maximum trench depth 12 inches into natural soil.

** Permit Expiration Date: Sewage Treatment:

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: 2003-09-03 Code Enforcement Officer:

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			

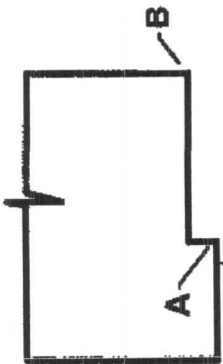
SEWAGE TREATMENT SYSTEM	DATE	INSP.	COMMENTS
Installation	14 Nov 03	CWL	Tank Size: 2-1000 1-1000 Treatment Area: 804 FT ²
As Built			Installer: AAA POLLUTION

DRIVEWAY	DATE	INSP.	COMMENTS
Access			
Installation			

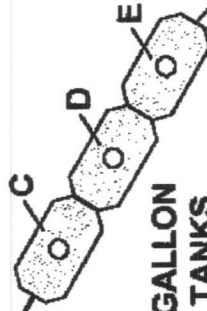
NOTES: 12' x 67' ROCK BED @ 12" DEPTH FROM GRADE

**MCDONALD CONSTRUCTION
4354 TRADING POST TRAIL S.
AFTON**

PERMIT: 010003010



← TO TRADING POST TRAIL

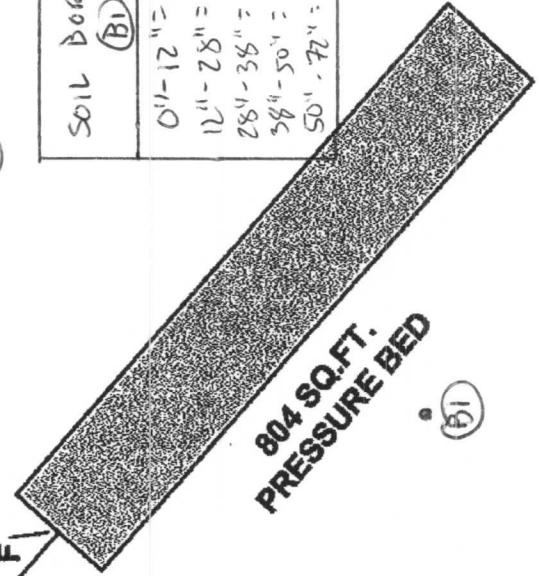


2 - 1000 GALLON
SEPTIC TANKS
1 - 1000 GALLON
PUMP CHAMBER

DIMENSIONS:
A-C: 58FT
A-D: 67FT
A-E: 76FT
B-C: 54FT
B-D: 63FT
B-E: 71FT
E-F: 51FT

(B1) = SOIL BORING HOLE

SOIL BORING LOG (B1)	
0' - 12" = TOP SOIL	
12' - 28" = 10YR3/3 SILT LOAM	
28' - 38" = 10YR3/6 SILT	
38' - 50" = 10YR3/6 SANDY SILT LOAM	
50' - 72" = 10YR5/6 MEDIUM SAND	



804 SQ. FT.
PRESSURE BED

AAA POLLUTION CONTROL, INC.
2077 GENEVA AVE. N.
OAKDALE, MN 55128