



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): 5/20/2016

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: 2802820420002

Property address: 4749 Trading Post Trail S Afton, MN 55001

Reason for inspection: VBWD Kelle's Creek Program

Property owner: Andrew Fraser

Owner's phone: 651-436-6511

or

Owner's representative: _____

Representative phone: _____

Local regulatory authority: Washington County

Regulatory authority phone: 651-430-6655

Brief system description: 2 Septic tanks to 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: Dave Brown

Certification number: C#9370

Business name: David R. Brown

License number: L#3649

Inspector signature:

Phone number: 651-788-3296

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: _____ 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:

Indicate depths or elevations

A. Bottom of distribution media	36"
B. Periodically saturated soil/bedrock	26"
C. System separation	-10"
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

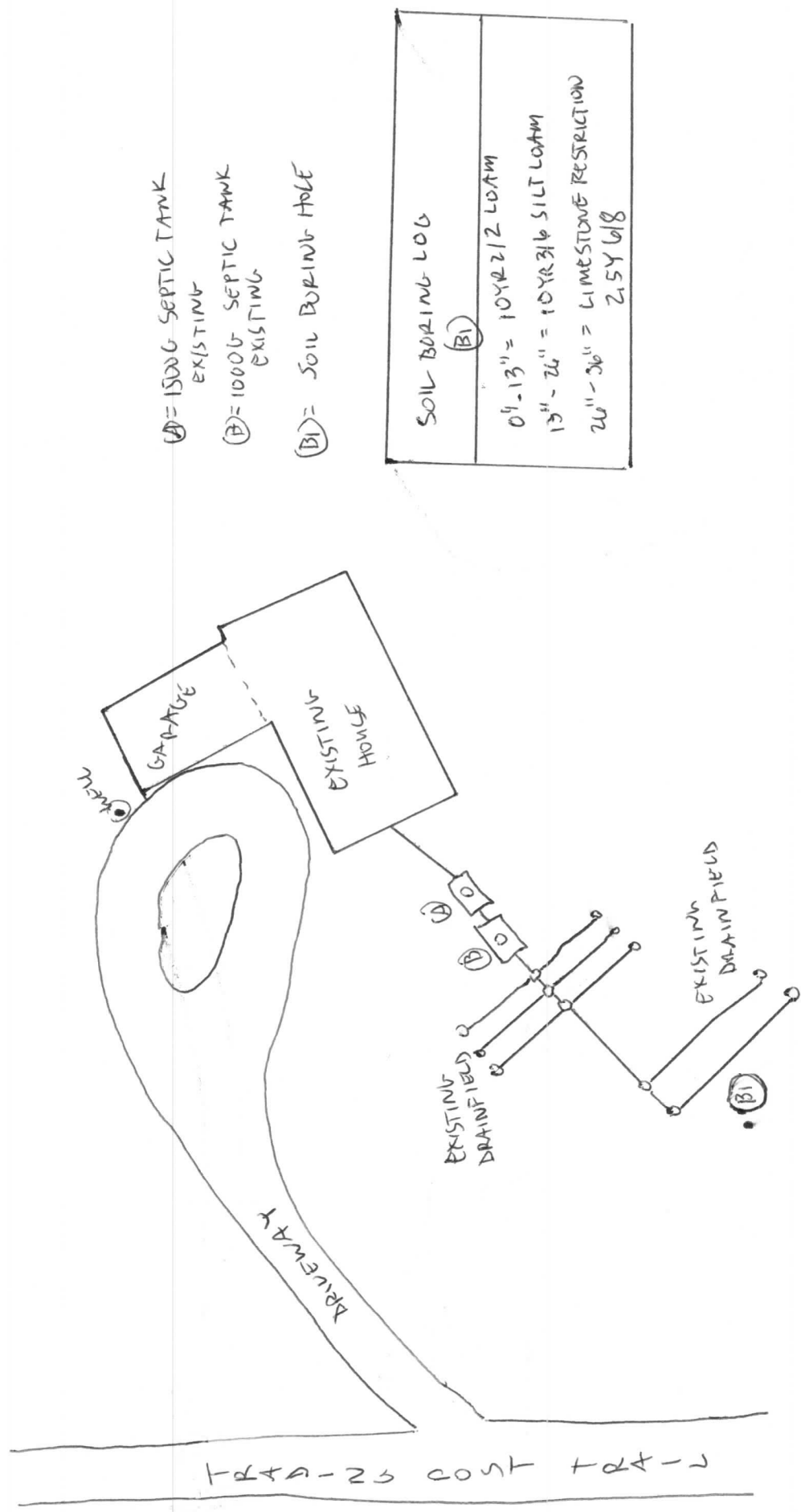
Any "no" answer indicates Noncompliance.

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.

4749 TRADING POST TRAIL S. AFTON, MN 55001

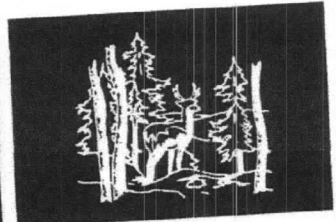
N↑

NO SCALE



- (A) = 1500G SEPTIC TANK EXISTING
- (B) = 1000G SEPTIC TANK EXISTING
- (BI) = SOIL BORING HOLE

SOIL BORING LOG	
(BI)	
0' - 13"	10YR 2/2 LOAM
13" - 26"	10YR 3/6 SILT LOAM
26" - 36"	LIMESTONE RESTRICTION
	2.5Y 6/8



VB Valley Branch Watershed District

Kelle's Creek Watershed Septic System Inspection Program

Valley Branch Watershed District (VBWD)
Septic System Inspection Application

To be completed by VBWD
Date received: 5/10/2016

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 <i>Andrew & Mary Fraser</i>		
Street address <i>4749 Trading Post Tr So</i>		
City <i>Afton</i>	State <i>MN</i>	Zip <i>55501</i>
Parcel identification number (if known) <i>28,028,20,42,0002</i>		
Phone(s) <i>651-436-6511 home, 608-790-0908 cell</i>		
E-mail address(es) <i>sk4guydraw@gmail.com</i>		
Preferred method of contact (phone or email) <i>email</i>		
Preferred contact day/time <i>days 9-5</i>		
Mailing address (if different from above)		

Property and septic system information

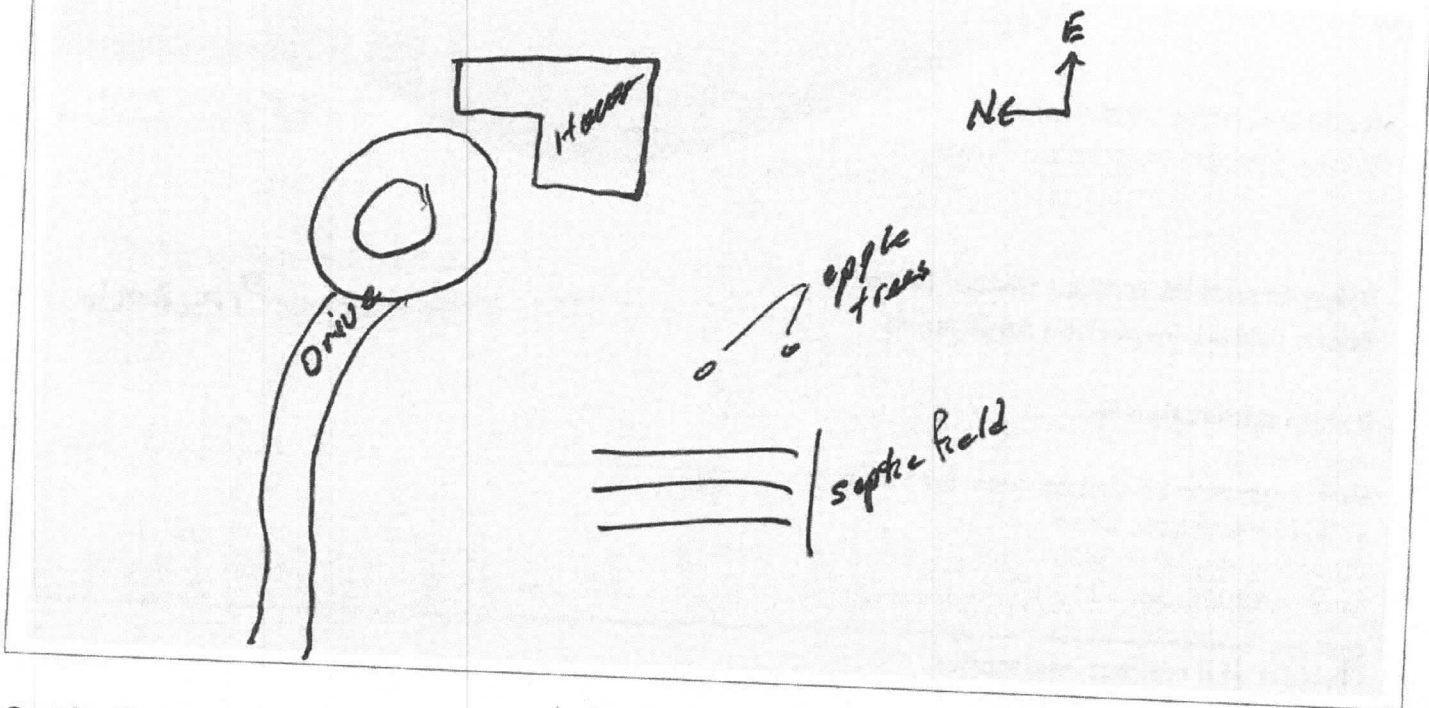
Property address <i>4749 Trading Post Tr So</i>	
Year home built <i>1995</i>	Year home purchased <i>1995</i>
Number of bedrooms <i>4</i>	Number of bathrooms <i>4.5</i>
Approximate age of septic system (if known) <i>21 yr</i>	
When was your current system last pumped? Date(s) <i>Oct 2015</i>	
Have you had your septic system inspected within the past 3 years? Yes <input type="radio"/> No <input type="radio"/> If yes, what year? <i>?</i>	

Don't know what Pinley's has done by way of inspection

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 

Date 5-6-16