



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): 10/4/2017

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: 3602721310022

Property address: 11673 Lehigh Ave. S. Cottage Grove, MN 55033 Reason for inspection: Property Transfer

Property owner: Richard Kalm Owner's phone: _____

or

Owner's representative: _____ Representative phone: _____

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

Brief system description: 1 Compartmentalized septic tank to gravity drainfield.

Comments or recommendations:

System was installed in 1997.

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: 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:

I spoke with the homeowner on 10/4/17 and he stated that there has never been a problem.

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: 8/25/1997 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: Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.	<input type="checkbox"/> Yes <input type="checkbox"/> 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.*	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.	<input type="checkbox"/> Yes <input type="checkbox"/> No

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	18"
B. Periodically saturated soil/bedrock	54"
C. System separation	36"
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: _____ Have the Operating Permit requirements been met?	<input type="checkbox"/> Yes <input type="checkbox"/> No
b. Is the required nitrogen BMP in place and properly functioning?	<input type="checkbox"/> Yes <input type="checkbox"/> 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.

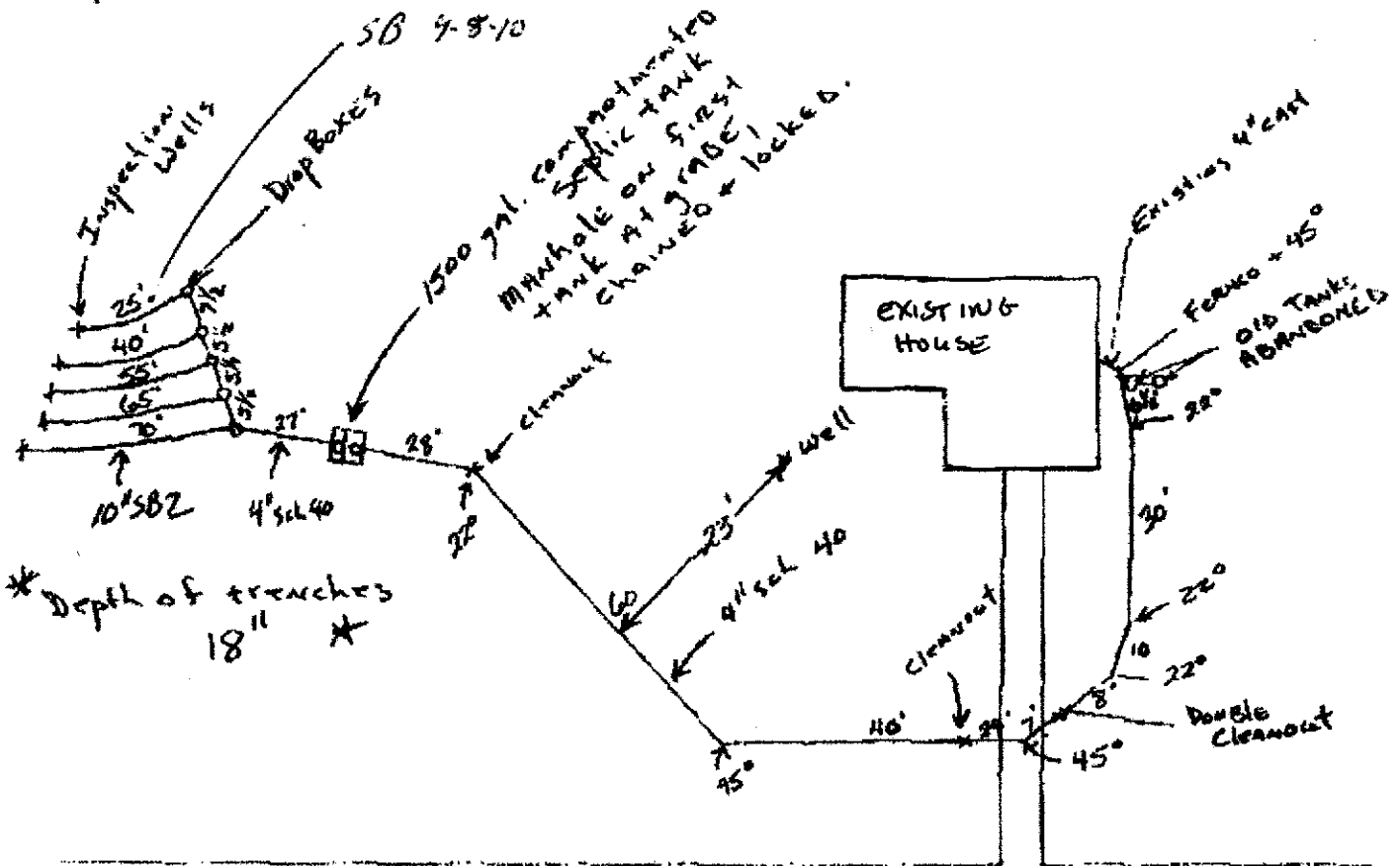
↑ N
NO SCALE

8/25/97

Installed by
Denson Septic Service
18070 218th St E
Wald, MN 55089
Wald, 438-4910

* No property lines
within 10' of system *

* Pressure tested
4" sewer line within
50' of well *



11673 Lehigh Av. S.
Cottage Grove (Hastings)

Soil Boring Log

Date: 4-8-10

Project Location: 11673 LeHigh Avenue S., Cottage Grove

Twp. Cottage Grove

Client: Edina Realty - Jesse Graber

Borings Made By:

Address: _____

Gary M Bohn

License #1043

City _____ State _____ Zip _____

Boring Method: Auger Pit Probe Other

Color Classification System: Musell Other

Boring Number SB
 Surface Elevation _____
 Soil Typ at System Depth _____

Boring Number _____
 Surface Elevation _____
 Soil Typ at System Depth _____

Depth (Feet)	Texture	Color
1	<u>sandy loam</u>	<u>10YR 7/2</u>
1	<u>sandy loam</u>	<u>10YR 3/3</u>
2		
3	<u>sandy loam</u>	<u>10YR 5/4</u>
4		
5		
6		
7		

Depth (Feet)	Texture	Color
1		
2		
3		
4		
5		
6		
7		

Structure: Blocky Platy Prismatic None

Slope: _____ %
 End of Boring at 4.5 feet

Standing water table Yes No
 Present at _____ feet of depth
 _____ hours after boring

Mottled Soil:
 Observed at _____ feet of Depth
 Not present in boring hole

Observations or Comments:

Structure: Blocky Platy Prismatic None

Slope: _____ %
 End of Boring at _____ feet

Standing water table Yes No
 Present at _____ feet of depth
 _____ hours after boring

Mottled Soil:
 Observed at _____ feet of Depth
 Not present in boring hole _____

Observations or Comments:

11673 Lehigh Ave. S

SOIL BORING LOG

SB1
 0" sandy loam-10yr3/2
 6" loamy sand-10yr4/2
 20" loamy sand-10yr4/4
 50" loam-7.5yr4/3
 54" end-limestone bedrock

Owner: Pete Schappa
 Mailing Address: 11673 Lehigh Av. S.
 Hastings, Mn. 55033
 437-6042
 Site Address or Legal: Same
 PID#: 28193-2000
 Lot Size: 1.4 ac. approx.

SB2
 0" sandy loam-10yr3/2
 6" loamy sand-10yr4/2
 20" loamy sand-10yr4/4
 50" sand-10yr5/6
 54" end

SB3
 0" sandy loam-10yr3/2
 9" sandy loam-10yr4/2
 26" loamy sand-10yr4/4
 37" loamy sand-7.5yr4/4
 50" loam-7.5yr4/4
 54" end-limestone bedrock

Borings made by Roger Benson 5-27-97
 Auger used: hand bucket
 Area tested: 2000 sq.ft. approx.
 Slope: 8.0%
 Class. System: USDA-SCS

H2O present in borings: no
 Depth: NA

Mottled soil present: no
 Depth: SB1-
 SB2-
 SB3-
 SB4-
 SB5-
 SB6-

Limestone: yes
 Depth: SB1-54"
 SB2-
 SB3-54"
 SB4-54"
 SB5-
 SB6-

SB4
 0" sandy loam-10yr3/2
 9" sandy loam,loamy sand-10yr4/2
 26" sandy loam-10yr4/4
 48" loam-7.5yr4/4
 54" end-limestone bedrock

SB5

SB6

Soil Survey
 Page # 69
 Map Symbol 8, 1820

Comments: Site is suitable for standard on-site sewage treatment system.
Max. depth of trench: 18 inches