

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspection results based on Minnesota Pollution Control Agency (MPCA) requirements and attached supporting documentation – additional local requirements may also apply. Further information can be found here: <https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf>.

Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance.

Property information

Local tracking number: _____

Parcel ID# or Sec/Twp/Range: 3202821440007 Local regulatory authority: Washington County

Property address: 5850 Tower Dr Woodbury, Mn. 55129

Owner/representative: John Hada Owner's phone: 316-841-1223

Brief system description: 1 septic tank to drainfield

System status

System status on date (mm/dd/yyyy): 7/30/2021

Compliant – Certificate of compliance*

Noncompliant – Notice of noncompliance

(Valid for 3 years from report date unless evidence of an imminent threat to public health or safety requiring removal and abatement under section 145A.04, subdivision 8 is discovered or a shorter time frame exists in Local Ordinance.)

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 or under section 145A.04 subdivision 8.

***Note: Compliance indicates conformance with Minn. R. 7080.1500 as of system status date above and does not guarantee future performance.**

Systems failing to protect ground water must be upgraded, replaced, or use discontinued within the time required by local ordinance.

Reason(s) for noncompliance (check all applicable)

- Impact on public health (Compliance component #1) – *Imminent threat to public health and safety*
- Tank integrity (Compliance component #2) – *Failing to protect groundwater*
- Other Compliance Conditions (Compliance component #3) – *Imminent threat to public health and safety*
- Other Compliance Conditions (Compliance component #3) – *Failing to protect groundwater*
- System not abandoned according to Minn. R. 7080.2500 (Compliance component #3) – *Failing to protect groundwater*
- Soil separation (Compliance component #5) – *Failing to protect groundwater*
- Operating permit/monitoring plan requirements (Compliance component #4) – *Noncompliant - local ordinance applies*

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.

By typing my name below, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing this form.

Business name: David R Brown

Certification number: 9370

Inspector signature: DRB

License number: 3649

(This document has been electronically signed)

Phone: 651-788-3296

Necessary or locally required supporting documentation (must be attached)

- Soil observation logs
- Locally required forms
- Tank Integrity Assessment
- Operating Permit
- 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.

Describe verification methods and results:

Attached supporting documentation:

- Other: _____
- Not applicable

2. Tank integrity – Compliance component #2 of 5

Compliance criteria:

System consists of a seepage pit, cesspool, drywell, leaching pit, or other pit?	<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.

Describe verification methods and results:

Attached supporting documentation:

- Pumped at time of inspection
- Name of maintenance business: Meyer's
- License number of maintenance business: 915
- Date of maintenance: 7/30/2021
- Existing tank integrity assessment (Attach)
- Date of maintenance (mm/dd/yyyy): _____ (must be within three years)
- (See form instructions to ensure assessment complies with Minn. R. 7082.0700 subp. 4 B (1))
- Tank is Noncompliant (pumping not necessary – explain below)
- Other: _____

3. Other compliance conditions – Compliance component #3 of 5

3a. Maintenance hole covers appear to be structurally unsound (damaged, cracked, etc.), or unsecured?

Yes* No Unknown

3b. Other issues (electrical hazards, etc.) to immediately and adversely impact public health or safety? Yes* No Unknown

***Yes to 3a or 3b - System is an imminent threat to public health and safety.**

3c. System is non-protective of ground water for other conditions as determined by inspector? Yes* No

3d. System not abandoned in accordance with Minn. R. 7080.2500? Yes* No

***Yes to 3c or 3d - System is failing to protect groundwater.**

Describe verification methods and results:

Attached supporting documentation: Not applicable _____

4. Operating permit and nitrogen BMP* – Compliance component #4 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 specified in the system design? 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. 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.

Describe verification methods and results:

Attached supporting documentation: Operating permit (Attach) _____

5. Soil separation – Compliance component #5 of 5

Date of installation 1984 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Compliance criteria (select one):

5a. 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.

5b. 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.*

5c. "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.

Attached supporting documentation:

- Soil observation logs completed for the report (Attach)
- Two previous verifications of required vertical separation (Attach)
- Not applicable (No soil treatment area)
- _____

Indicate depths or elevations

A. Bottom of distribution media	30"
B. Periodically saturated soil/bedrock	68"
C. System separation	38"
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.**

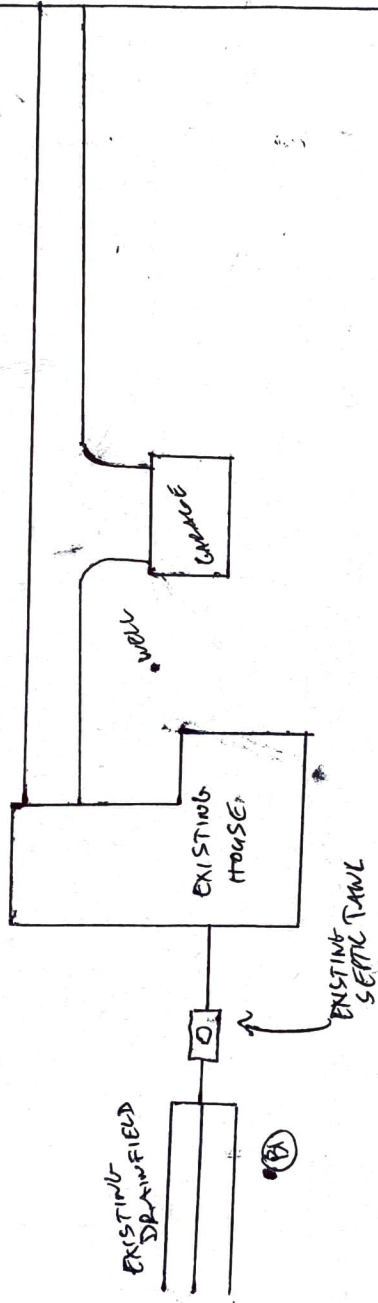
Describe verification methods and results:

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.

5850 TOWER DRIVE WOODBURY, MN. 55129

NT
NO SCALE

TOWER DRIVE



SOIL BORING LOG (B1)
0'-8" = 10YR 3/3 SILT LOAM
8'-30" = 10YR 2/4 SANDY CLAY LOAM
30'-65" = 7.5YR 2/4 SANDY CLAY LOAM



Tri-City William Lloyd Analytical Laboratory

9300 Poplar Bridge Road • Bloomington, MN 55437 • (952) 563-4904

Dave Brown
4787 Radio Dr.
Woodbury, MN 55129

Sample Results Report

Report Date:
07/30/2021 09:45

Received By: Deb Weltzin

Sample Condition Upon Receipt:

Received Date / Time: 28-Jul-2021 10:40

Acceptable Temperature 5.1 °C
 On ice

Sample ID: 2107250-01
5850 Tower Dr Woodbury, MN
Sample Collector: Dave Brown
Collection Date/Time: 7/28/2021 9:15:00AM

Analyte	Result	Units	MCL*		Date Analyzed	Analyst Initials	Method
E. Coli	Absent	coliform/100mL	Absent	PASS	07/28/2021 07:16	DJW	40 CFR 141.21
Lead	2.83	ug/L	15	PASS	07/30/2021 09:43	DJW	EPA 200.7 Rev. 5
Nitrate as N	1.97	mg/L	10	PASS	07/28/2021 13:29	DJW	EPA 353.2 Rev. 2.0
Nitrite as N	<0.0500	mg/L	1	PASS	07/28/2021 13:50	DJW	EPA 353.2 Rev. 2.0
P/A total coliform	Present	MPN/100 mL	Absent	FAIL	07/28/2021 07:16	DJW	SM 9223 B (Collert-18® P/A)

*MCL (maximum contaminant level) set by the EPA

PASS - The analyte(s) reported, for the sample(s) listed above, meet standards set by the Minnesota Department of Health and U. S. Environmental Protection Agency for safe drinking water.

Approved By:

Deb Weltzin
Water Quality Supervisor

Laboratory Identification Number: 027-053-355

The results in this report apply to the above listed sample(s). All routine quality assurance procedures were followed, unless otherwise noted. This analytical report must be reported in its entirety. All methods are certified by the Minnesota Department of Health, unless otherwise noted. EPA 200.7 for the analysis of lead, EPA 300.0 for the analysis of chloride & sulfate, EPA 365.3 for the analysis of total phosphate, SM 4500P-E for the analysis of ortho phosphate, and SM 2510B for the analysis of conductivity in drinking water are not certified by the MDH. The test report shall not be reproduced except in full, without written approval of the laboratory.



Tri-City / William Lloyd Analytical Laboratory

9300 Poplar Bridge Road • Bloomington, MN 55437 • (952) 563-4904

Sample Results Report

Dave Brown
4787 Radio Dr.
Woodbury, MN 55129

Report Date:
07/30/2021 07:52

Received By: Aaron Tschida
Received Date / Time: 29-Jul-2021 10:00

Sample Condition Upon Receipt:

Acceptable Temperature 14.3 °C
 On ice

Sample ID: 2107266-01
5850 Tower Dr. Woodbury, MN
Sample Collector: Dave Brown
Collection Date/Time: 7/29/2021 9:12:00AM

Analyte	Result	Units	MCL*		Date Analyzed	Analyst Initials	Method
P/A total coliform	Absent	MPN/100 mL	Absent	PASS	07/29/2021 07:17	DJW	SM 9223 B (Collert-18® P/A)

*MCL (maximum contaminant level) set by the EPA

PASS - The analyte(s) reported, for the sample(s) listed above, meet standards set by the Minnesota Department of Health and U. S. Environmental Protection Agency for safe drinking water.

Approved By:

Deb Weltzin
Water Quality Supervisor

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