

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: 09.012.0502 Local regulatory authority: Isanti county

Property address: 5235 313th Ave NW Cambridge

Owner/representative: Mike Kelzenberg Owner's phone: 612-701-4353

Brief system description: Septic tank to lift station to mound

System status

System status on date (mm/dd/yyyy): 7/14/2025

Compliant – Certificate of compliance*

(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.)

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

Noncompliant – Notice of noncompliance

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.

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

clean tanks every three years

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: Boettcher Excavating & Septic Certification number: 6624

Inspector signature: Shannon Boettcher License number: L4229

(This document has been electronically signed) Phone: 763-444-4930

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 Yes* No

System discharges sewage to drain tile or surface waters. Yes* No

System causes sewage backup into dwelling or establishment. Yes* No

Any "yes" answer above indicates the system is an imminent threat to public health and safety.

Describe verification methods and results:

Visual Inspection.

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? Yes* No

Sewage tank(s) leak below their designed operating depth? Yes* 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:

cleaned and visually inspected tanks

Attached supporting documentation:

- Pumped at time of inspection

Name of maintenance business: _____

Boettcher
Excavating &
Septic

License number of maintenance business: L4229

Date of maintenance: 7/14/2025

- 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:

visual inspection

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 9/1/2011 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Compliance criteria (select one):

| | |
|--|--|
| <p>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:</p> <p>Drainfield has at least a two-foot vertical separation distance from periodically saturated soil or bedrock.</p> | <input type="checkbox"/> Yes <input type="checkbox"/> No* |
| <p>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:</p> <p>Drainfield has a three-foot vertical separation distance from periodically saturated soil or bedrock.*</p> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No* |
| <p>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)</p> <p>Drainfield meets the designed vertical separation distance from periodically saturated soil or bedrock.</p> | <input type="checkbox"/> Yes <input type="checkbox"/> No* |

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 | 12" lift |
| B. Periodically saturated soil/bedrock | 24" |
| 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.**

Describe verification methods and results:

soil boring see attached page

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.

Soil Observation Log

| Owner Information | |
|--|-----------------------|
| Property Owner / project: <u>Mike Kelzenberg</u> | Date <u>3/31/2025</u> |
| Property Address / PID: <u>5235 313th Ave NW Cambridge</u> | |

| Soil Survey Information | |
|--|---|
| <input type="checkbox"/> refer to attached soil survey | |
| Parent mat'l's: | <input checked="" type="checkbox"/> Till <input type="checkbox"/> Outwash <input type="checkbox"/> Lacustrine <input type="checkbox"/> Alluvium <input type="checkbox"/> Organic <input type="checkbox"/> Bedrock |
| landscape position: | <input type="checkbox"/> Summit <input type="checkbox"/> Shoulder <input type="checkbox"/> Side slope <input type="checkbox"/> Toe slope |
| soil survey map units: | _____ slope <u>?</u> % direction- <u>downhill</u> |

| SB # 32 | | | | | | | |
|---|------------|-----------------------|--------------|--------------------------|-----------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> Boring <input type="checkbox"/> Pit | | Elevation _____ | | Depth to SHWT <u>24"</u> | | | |
| Depth (in) | Texture | fragment % | matrix color | redox color | consistence | grade | shape |
| 0"-6" | Sandy Loam | <35 | 10YR 4/3 | | Friable | Weak | Granular |
| 6"-24" | Sandy Loam | <35 | 10YR 5/4 | | Friable | Weak | Granular |
| 24"-26" | Sandy Loam | <35 | 10YR 5/4 | 7.5YR 4/6 | Friable | Weak | Granular |
| | | <35 35 - 50 >50 | | | loose friable firm rigid | loose weak moderate strong | single grain granular blocky prismatic platy massive |
| | | <35 35 - 50 >50 | | | loose friable firm rigid | loose weak moderate strong | single grain granular blocky prismatic platy massive |
| Comments: | | | | | | | |

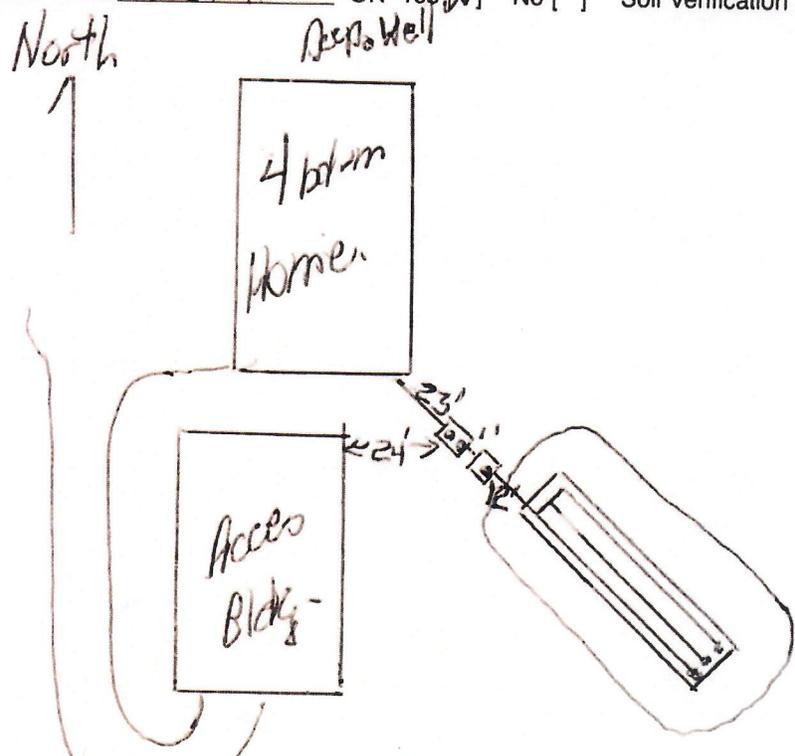
ISANTI COUNTY SEWER SYSTEM INSPECTION FORM

Isanti County Zoning Office • 555 - 18th Avenue S.W. • Cambridge, MN 55008
1-763-689-5165

Name Mike Kelzberg
 Address 5235 313th AVE NW Cambridge 55008
 Sec 12 Twsp 35 Rg 25 Township Spencer Brook
 Legal Desc. SE NW FCT P.I.N. # 09 012 0502

| Number of bedrooms septic is sized for <u>4</u> | SEPTIC TANK (S) | | LIFT STATION | | SOIL TREATMENT | |
|---|-----------------|-------------|--------------|-------------|---------------------------|---------------------------|
| | Actual | Required | Actual | Required | Actual | Required |
| No. of Tanks <u>2</u> Size | | <u>1250</u> | | <u>1000</u> | <u>500 ft²</u> | <u>500 ft²</u> |
| Occupied Building Setback | <u>23</u> | <u>10</u> | <u>26</u> | <u>10</u> | <u>38'</u> | <u>20</u> |
| Property Line Setback | <u>50+</u> | <u>10</u> | <u>50+</u> | <u>10</u> | <u>50+</u> | <u>10</u> |
| Well Setback - This Property | <u>50+</u> | <u>50</u> | <u>50+</u> | <u>50</u> | <u>50+</u> | <u>50</u> |

Scarafing Inspection Date 8-31-11 OK Yes No Rock Bed Inspection Date 9-1-11 OK Yes No
 Tank Inspection Date 8-31-11 OK Yes No Soil Verification Date 8-31-11 OK Yes No



10x50 Rockbed
 12" rock total
 3' 2" x 46' Lats.
 1/4" perks 3' oc.
 Fabric
 Cover.

Inspector: Terry Lakin Tank Manufacturer: K&S

I hereby certify all information stated and work completed is in compliance with the M.P.C.A. 7080 Code

M.P.C.A. # 1498 Installer Name: Maple Ridge Sewer
 Installer Signature: Matthew Asch per M.C.S.E.

Final Inspection Date Terry Lakin Passed Failed

Mike & Legie Kelzberg

Logs of Soil Borings

B-31

Location or Project Spencer Brook Twp. T35 R25 S2212 Pt NW 1/4

Borings made by Maple Ridge Spenser, Inc. Date 7/5/11

Classification System: AASHO ; USDA-SCS X; Unified ; other

Auger used (check two): Hand X, or Power ; Flight , or Bucket ; other

| Depth, in feet | Boring number <u>SP#1</u> |
|----------------|---|
| | Surface elevation <u>990'</u> |
| 0 | <u>104R</u> |
| 1 | <u>0 - 3" T.S.</u> |
| 2 | <u>3" - 2 1/2' 5/4</u> <u>fine sand</u> |
| 3 | <u>2 1/2' - Redox 7/1</u> <u>loamy S</u> |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |

| Depth, in feet | Boring number <u>SP#2</u> |
|----------------|--|
| | Surface elevation <u>990'</u> |
| 0 | <u>104R</u> |
| 1 | <u>0 - 10" T.S.</u> |
| 2 | <u>10" - 2' 5/4</u> <u>fine sandy loam</u> |
| 3 | <u>2' - Redox</u> <u>7/1 loamy S</u> |
| 4 | |
| 5 | <u>104R SP#3 100'</u> |
| 6 | <u>0 - 3" T.S.</u> |
| 7 | <u>3" - 2 1/2' 5/4</u> <u>fine sandy loam</u> |
| 8 | <u>2 1/2' 7/1 Redox</u> |

End of boring at 3 feet.
 Standing water table:
 Present at feet of depth,
 hours after boring.
 Not present in boring hole X.
 Mottled soil:
 Observed at 2 to 2 1/2' feet of depth.
 Not present in boring hole .
 Observations and comments:

End of boring at 3 feet.
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 Present at feet of depth,
 hours after boring.
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 Mottled soil:
 Observed at 2 feet of depth.
 Not present in boring hole .
 Observations and comments:

City. To verify soil @ time of