

**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: 1702920430012

Local regulatory authority: Washington County

Property address: 13682 30<sup>th</sup> St Circle N Stillwater, Mn

Owner/representative: Brad Kirtz

Owner's phone: 612-207-5904

Brief system description: 2 Septic Tanks to Drainfield

### System status

System status on date (mm/dd/yyyy): 6/1/2021

**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  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:

### 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:

### Attached supporting documentation:

Pumped at time of inspection

Name of maintenance business: \_\_\_\_\_

License number of maintenance business: \_\_\_\_\_

Date of maintenance: \_\_\_\_\_

Existing tank integrity assessment (Attach)

Date of maintenance 9/11/2020  
(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

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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

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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 2015  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.

**\*Any "no" answer above indicates the system is failing to protect groundwater.**

**Describe verification methods and results:**

**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	24"
B. Periodically saturated soil/bedrock	63"
C. System separation	39"
D. Required compliance separation*	36"

\*May be reduced up to 15 percent if allowed by Local Ordinance.

**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.

Property address: \_\_\_\_\_ Parcel ID: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_

*Brad Kurtz*  
13682 30<sup>th</sup> St. Circle N.  
(Baytown Pk. Asp.) Stillwater, Mn. 55082

### Optional section: Sewage Tank Compliance Certification (Tank integrity assessment)

This form does not represent a complete system inspection report and only certifies sewage tank compliance status. i.e., this form, completed, may serve as a tank integrity assessment.

**Instructions:** This section of the form may be completed and signed by a Designated Certified Individual (DCI) of a licensed SSTS Maintenance Business who personally conducts the necessary procedures to assess the compliance status of each sewage tank in the system.

When this section of the form is signed by a qualified certified professional, it becomes *necessary supporting documentation* to an Existing System Compliance Inspection Report: [Compliance inspection form - Existing system \(wg-wwists4-31b\)](https://www.pca.state.mn.us/water/service-and-maintenance). This form can be found on the MPCA website at <https://www.pca.state.mn.us/water/service-and-maintenance>.

The information and certified statement on this form is **required** when existing septic tank compliance status is determined by an individual other than the SSTS Inspector that submits an inspection report. This form represents a third party assessment of SSTS component compliance and is allowable under Minn. R. 7082.0700, subp. 4 Item (B) subitem (1). This form is valid for a period of three years beyond the signature date on this form unless a new evaluation is requested by the owner or owner's agent or is required according to local regulations. Additional Administrative Rule references for this activity can be found at Minn. R. 7082.0700, subp. 4 Items B, C, and D; 7083.0730 Item C.

Certificate of sewage tank compliance	Notice of sewage tank non-compliance
Affirm all three statements: <input checked="" type="checkbox"/> The SSTS does not contain a seepage pit, cesspool, drywell, leaching pit, or other pit. <input checked="" type="checkbox"/> It does not contain a sewage tank that was designed to be watertight, but subsequently leaks below the designed operating depth. <input checked="" type="checkbox"/> It does not represent an imminent safety threat by reason of unsecured, damaged, or weak maintenance hole cover(s) or other unsafe condition.	Select all that apply: The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit – <b>"Failure to Protect Groundwater."</b> It has a sewage tank that was designed to be watertight, but subsequently leaks below the designed operating depth – <b>"Failure to Protect Groundwater."</b> It presents a threat to public safety by reason of unsecured, damaged, or weak maintenance hole cover(s) or other unsafe condition – <b>"Imminent Threat to Public Health or Safety."</b>

Company information	Designated Certified Individual (DCI) information
Company name: <u>MEYER SEWER SERVICE</u>	Print name: <u>CHRIS WAGNER</u>
Business license number: <u>L915</u>	Certification number: <u>C9761</u>

I personally conducted the work described above as a Designated Certified Individual of a Minnesota-licensed SSTS Maintenance Business. I personally conducted the necessary procedures to assess the compliance status of each sewage tank in this SSTS.

By typing/signing 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.

Designated Certified Individual's signature: *Chris Wagner* Date (mm/dd/yyyy): 9/11/2020

[www.pca.state.mn.us](http://www.pca.state.mn.us) • [651-296-6300](tel:651-296-6300) • [800-657-3864](tel:800-657-3864) • Use your preferred relay service

Available in alternative formats



**Department of Public Health and Environment**  
 14949 62nd Street North PO Box 6  
 Stillwater MN 55082-0006  
 Office: 651-430-6655 TTY: 651-430-6246 Fax: 651-430-6730

Review Fee:	\$290.00
Permit Fee:	\$305.00
<b>Total Fee:</b>	<b>\$595.00</b>
<b>Previous Payment</b>	<b>\$595.00</b>
<b>Balance Due</b>	<b>\$0.00</b>

**Community:** Baytown Township  
**Permit Number:** 0002-15-4  
**Owner:** Susan & Russell Malon  
 13682 30th Street CIR N  
 Stillwater MN 55082-  
**Applicant:** John Buelow Exc

**PERMISSION IS HEREBY GRANTED**

To execute the work specified in this permit on the following identified property upon express condition that said persons and their agents, and employees shall conform in all respects to the provisions of Ordinance #179, Washington County Development Code, Chapter Four, Subsurface Sewage Treatment System Regulations. This permit may be revoked at any time upon violation of any of the provisions of said ordinance.

**Project Address:** 13682 30th Street CIR N  
**Geo Code:** 17-029-20-43-0012  
**Designer:** Buelow Excavating

Type of System: Drainfield		Pressure Distribution	
		N / A	
Design Criteria		Drainfield Sizing	
Percolation Rate:	0.8	Square Feet:	498
Depth To Restriction:	63	Lineal:	166 Feet
Land Slope:	2.00%	Depth Of Rock Below:	12 Inches
Flow Rate:	600	Maximum Trench Depth:	24 Inches
Number of Bedrooms:	4	Number Of Trenches:	8
<input type="checkbox"/> Gravelless		Length Of Trenches:	21 Feet
<input type="checkbox"/> Chambered		Spacing Of Trenches:	7.5 Feet
<b>Tank Sizes</b>			
Tank 1:	1000	Tank 2:	1000
Tank 3:	0	Lift Station:	0

**Authorized Work/Special Conditions**

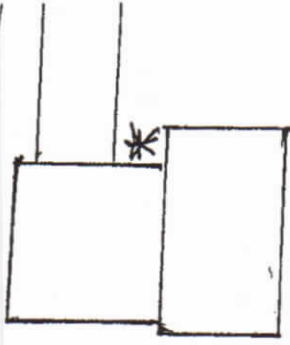
1. Building sewer can be no closer than 20' to well and must be pressure tested within 50 feet of well.
2. Domestic strength waste only. Industrial waste and hazardous wastes cannot enter the septic system.
3. Effluent Filter with alarm required.
4. Establish a vegetative cover over the soil treatment area within 30 days of the installation. Protect the soil treatment area from erosion until the vegetative cover is established.
5. Install individual sewage treatment system as per approved design in area tested and shown on the site plan.
6. Maximum trench depth 24 inches into natural soil.
7. This system must be installed by a certified/licensed sewage treatment system installer holding a current license with the Minnesota Pollution Control Agency. (A list of installers is available at your request.)
8. Use of tanks registered with the Minnesota Pollution Control Agency required.

Permit Issue Date: 5/28/2015  
 Permit Expiration Date: 5/27/2016

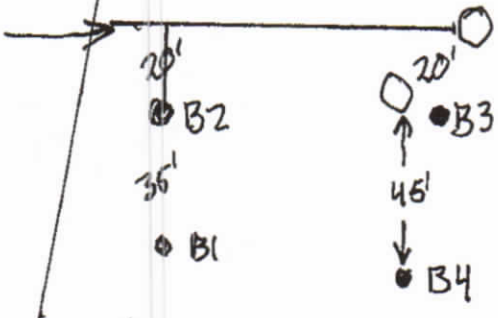
Christopher W. LeClair, REHS  
 Senior Environmental Specialist

\* WELL

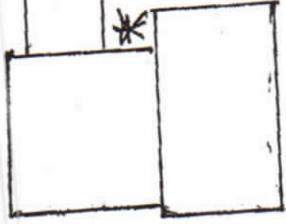
○ = EXISTING  
TRACKS  
TO BE  
COLLAPSED



RETAINING WALL



WELL



STAIRCASE  
WELL



N

Road



B1

U of MN Onsite Sewage Treatment Program Soil Boring Log

Client/ Address:

13682 30TH ST CIRCLE RD

Legal Description/GPS:

Date: 5, 20, 2015

Soil Parent Material(s): TILL Outwash Lacustrine Alluvium Loess Organic Matter Bedrock

(circle all that apply)

Landscape Position: Summit Shoulder Back/Side Slope Foot Slope Toe Slope

Vegetation:

Soil Survey Map Unit(s):

Slope (%):

Weather conditions/Time of Day:

Slope Shape:

Depth (in)	Texture	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Saturated Soil Indicator(s) (see back)	Shape	Structure	Consistence
0-9	SANDY <del>LOAM</del> HORIZONTAL	10YR 3/2		Concentrations Depletions Gleyed		Granular Play Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
9-45	MEDIUM SANDS	10 YR 4/6		Concentrations Depletions Gleyed		Granular Play Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
46" OBSTRUCTION				Concentrations Depletions Gleyed		Granular Play Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
				Concentrations Depletions Gleyed		Granular Play Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
				Concentrations Depletions Gleyed		Granular Play Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid

Comments:

# Additional Soil Observation Logs

Project ID:



Client/ Address: 13682 30TH ST CIRCLE

Legal Description/ GPS:

Soil parent material(s): (Check all that apply)

- Outwash   
  Lacustrine   
  Loess   
  Till   
  Alluvium   
  Bedrock   
  Organic Matter

Landscape Position: (check one)

- Summit   
  Shoulder   
  Back/Side Slope   
  Foot Slope   
  Toe Slope   
  Slope shape

8%

Vegetation

Soil survey map units

Slope%

Elevation:

Weather Conditions/Time of Day:

Date

5.20.2015

Observation #/Location:

Observation Type:

- Auger   
  Probe   
  Pit

Depth (in)

Texture

Rock Frag. %

Matrix Color(s)

Mottle Color(s)

Redox Kind(s)

Indicator(s)

Shape

Grade

Consistence

0-9

YDRBON

4.5YR 4/2

9-13

SKYD

4.5YR 5/6

Comments

Observation #/Location:

Observation Type:

Depth (in)

Texture

Rock Frag. %

Matrix Color(s)

Mottle Color(s)

Redox Kind(s)

Indicator(s)

Shape

Grade

Consistence

0-18

YDRBON

4.5YR 3/2

18-48

SKBD

4.5YR 5/6

48

OBSTRORON

Comments

33 34

B2

U of MN Onsite Sewage Treatment Program Soil Boring Log

Client/ Address: 13682 307th St Appleton Legal Description/GPS: 5, 20, 2012 Date: \_\_\_\_\_

Soil Parent Material(s): Till Outwash Lacustrine Alluvium Loess Organic Matter Bedrock

Landscaping Position: Summit Shoulder Back/Side Slope Foot Slope Toe Slope

Vegetation: \_\_\_\_\_ Soil Survey Map Unit(s): \_\_\_\_\_ Slope (%): 8

Weather conditions/Time of Day: Sunny 1500h Slope Shape: \_\_\_\_\_

Depth (in)	Texture	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Saturated Soil Indicator(s) (see back)	Shape	Structure	Consistence
0-16	loamy sand	10YR 3/2		Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
16-63	sand	10YR 4/6		Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
				Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
				Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid

Comments:

# U of MN Onsite Sewage Treatment Program Soil Boring Log

Client/ Address: 13682 30<sup>th</sup> St. C.R. N. Legal Description/GPS: 44°59'42.2760" Date: 2/11/15 12:45

92°49'49.5144"

Soil Parent Material(s): Till Outwash Lacustrine Alluvium Loess Organic Matter Bedrock **SUPERIOR**  
 (circle all that apply)

Landscape Position: Summit Shoulder Back/Side Slope Foot Slope Toe Slope  
 (circle one)

Vegetation: LAWN Soil Survey Map Unit(s): 155D Slope (%):

Weather conditions/Time of Day: pm/sunny **CHETEK SANDY LAWN** Slope Shape:

Depth (in)	Texture	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Saturated Soil Indicator(s) (see back)	Shape	Grade	Consistence
0-15"	SAND	10YR 3/2		Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
15'-03"	SAND	10YR 4/10		Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
				Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
				Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid

Comments:



# 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:**  
06/02/2021 12:25

**Received By:** Deb Weltzin

### Sample Condition Upon Receipt:

**Received Date / Time:** 01-Jun-2021 13:08

Acceptable      Temperature 5.5 °C

On ice

**Sample ID:** 2106017-01  
**13682 30th St Circle N Stillwater, MN 55082**  
**Sample Collector:** Dave Brown  
**Collection Date/Time:** 6/1/2021 10:38:00AM

Analyte	Result	Units	MCL*		Date Analyzed	Analyst Initials	Method
<b>Nitrate as N</b>	<b>7.85</b>	mg/L	10	PASS	06/02/2021 12:05	AT	EPA 353.2 Rev. 2.0
P/A total coliform	Absent	MPN/100 mL	Absent	PASS	06/01/2021 07:25	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:

Aaron Tschida  
Operator

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.