

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions: Inspector must submit completed form to Local Governmental Unit (LGU) and system owner within 15 days of final determination of compliance or noncompliance. Instructions for filling out this form are located on the Minnesota Pollution Control Agency (MPCA) website at <https://www.pca.state.mn.us/sites/default/files/wq-wwists4-31a.pdf>.

Property information

Local tracking number: _____

Parcel ID# or Sec/Twp/Range: 3102821120006 Reason for Inspection Property Transfer

Local regulatory authority info: Washington County

Property address: 6387 Crackleberry Bay Woodbury, Mn. 55129

Owner/representative: Jeff Kaiser Owner's phone: 651-246-8079

Brief system description: 1 Septic tank to gravity drainfield. This is a very old system and length of lifespan is unknown.

System status

System status on date (mm/dd/yyyy): 4/11/2022

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.)

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

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
- System/As-Built
- 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

Attached supporting documentation:

- Other: _____
- Not applicable

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

Describe verification methods and results:

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:	

Attached supporting documentation:

- Empty tank(s) viewed by inspector
 - Name of maintenance business: _____
 - License number of maintenance business: _____
 - Date of maintenance: _____
- Existing tank integrity assessment (Attach)
 - Date of maintenance (mm/dd/yyyy): 9/7/2021
(must be within three years)

Any "yes" answer above indicates the system is failing to protect groundwater.

(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: _____

Describe verification methods and results:

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 1983 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 (Intermediate Inspector License required ≤ 2,500 gallons per day; Advanced Inspector License required > 2,500 gallons per day) 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
- Two previous verifications of required vertical separation
- Not applicable (No soil treatment area)
- _____

Indicate depths or elevations

A. Bottom of distribution media	36"
B. Periodically saturated soil/bedrock	72"
C. System separation	36"
D. Required compliance separation*	36"

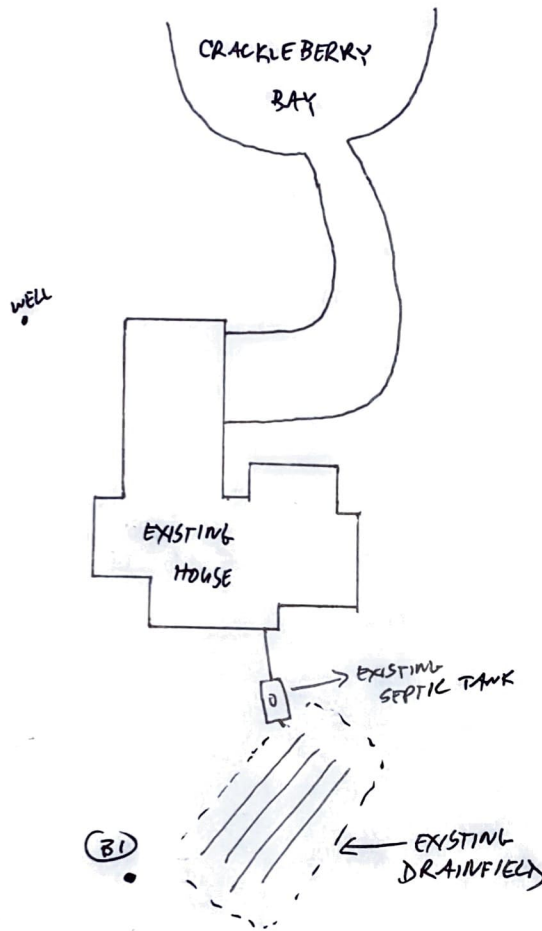
*May be reduced up to 15 percent if allowed by Local Ordinance.

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

Describe verification methods and results:

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.

NT
NO SCALE



SOIL BORING LOG	
(B1)	
0" - 14"	10YR 3/3 SANDY CLAY LOAM
14" - 33"	10YR 4/4 SANDY CLAY LOAM w/ROCK
33" - 48"	10YR 4/6 SANDY CLAY LOAM w/ROCK
48" - 72"	10YR 5/4 SANDY CLAY LOAM

Phone 484-3100

CERTIFICATE OF SURVEY

HULT & ASSOCIATES, INC.

Land Surveyors

T. H. No. 8 and Greenway Ave. North
FOREST LAKE, MINN. 55025

DON C. HULT

Minn. Reg. No. 8817

Wis. Reg. No. 9-950

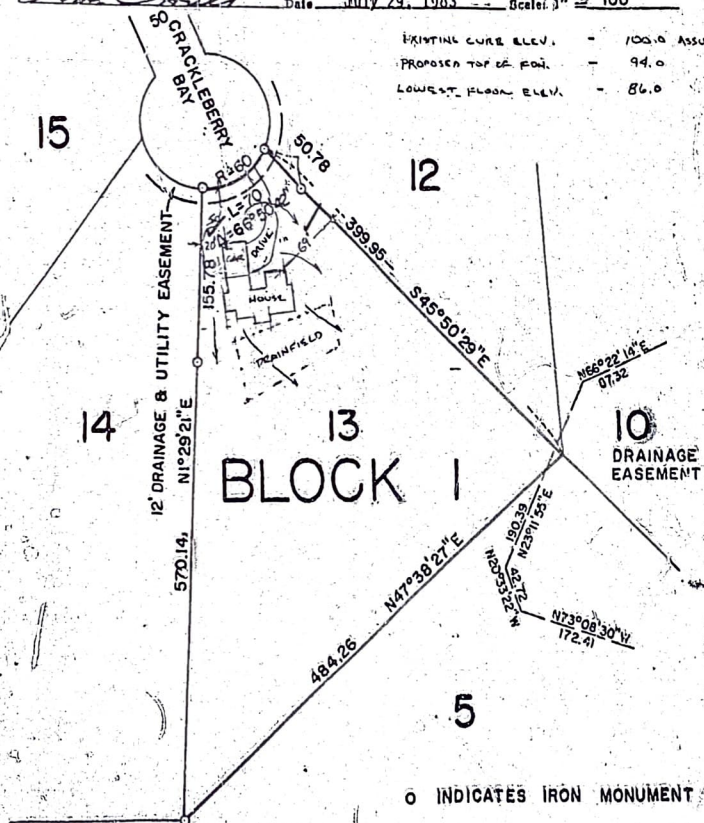
DALE F. HEISEN
Minn. Reg. No. 13590
LYLE C. REYNOLDS
Minn. Reg. No. 13072

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Registered Land Surveyor under the laws of the State of Minnesota.

D. C. Hult

Date July 29, 1983 Scale: 1" = 100'

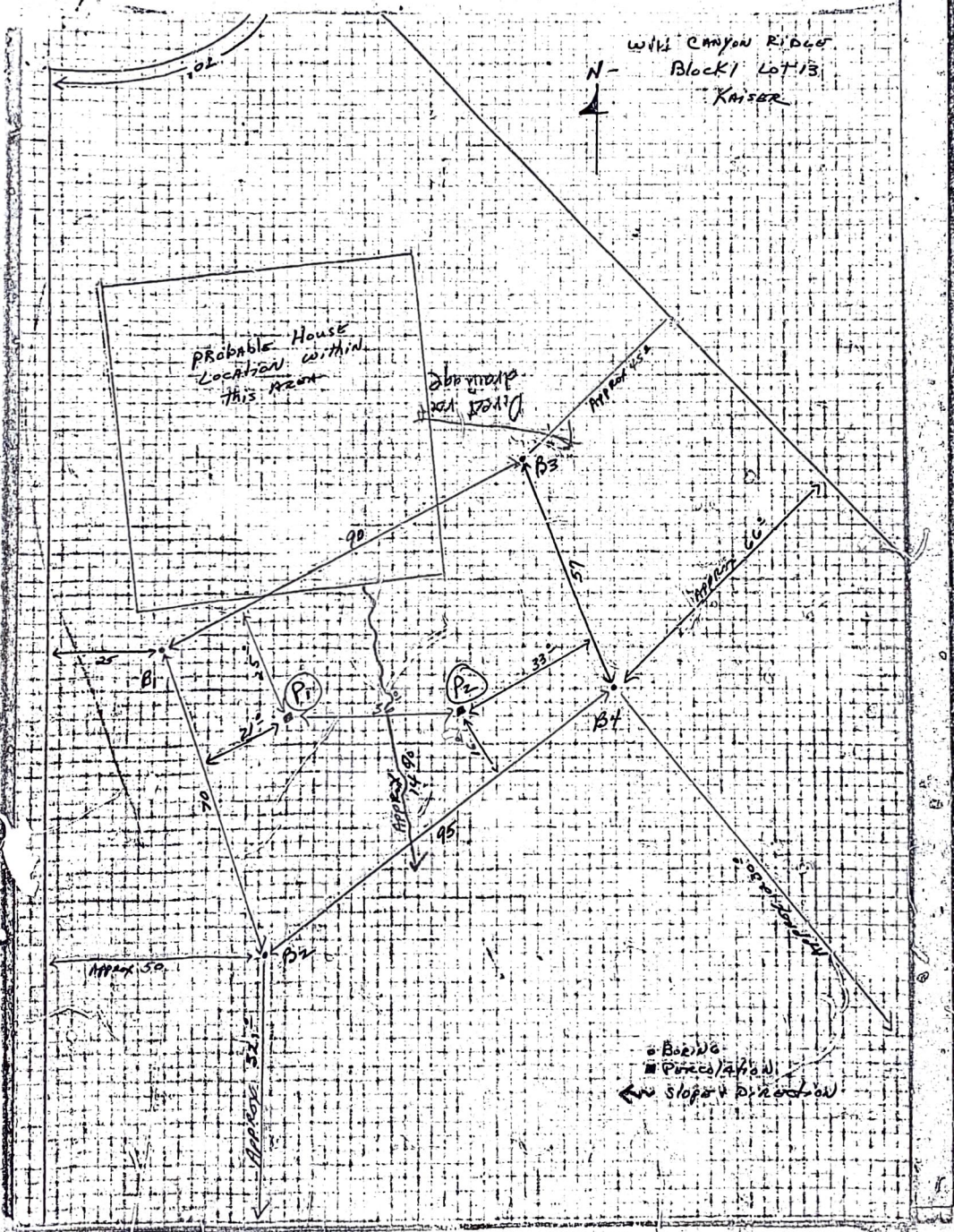
EXISTING CURB ELEV.	-	100.0 ASSUMED
PROPOSED TOP OF F.O.H.	-	94.0
LOWEST FLOOR ELEV.	-	86.0



Lot 13, Block 1, Wild Canyon Ridge,
Washington County, Minnesota

Sketch for: Riverwood Homes, 1800 Wooddale Drive, Woodbury, MN 55125

WILLI CANYON RIDGE
BLOCK 1 LOT 13
KAISER



-SOIL BORINGS-

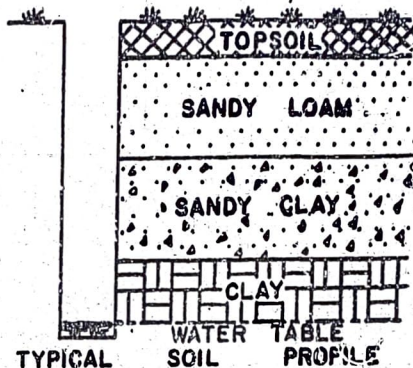
Wild Canyon Ridge
Block 1 Lot 13

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



LOG OF SOIL BORING

BORING NO. 1

Depth in Feet	Soil Description
—	—
1	1' - Brown silt loam
2	2' - yellowish Tan clay loam
3	3' - yellowish TAN SAND + CLAY + GRAVEL more sand than clay
4	4' -
5	—
6	6' - yellowish Tan MEDIUM GRADING to COARSE SAND + GRAVEL with very little clay content
7	—
8	—

-SOIL BORINGS-

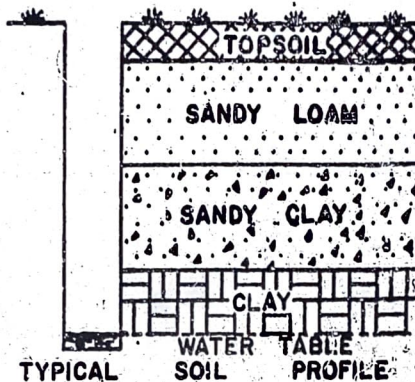
Wild Canyon Ridge
Block 1 Lot 13

Soil borings are made in order to determine the type and structure of soils at various depths as well as the location of the water table, impervious strata or bedrock.

Borings are most easily made with a hand auger, however other expedients may be utilized - back hoe, post hole auger, etc.

Soils encountered at various depths should be listed as to appearance, texture and composition.

Depth at which water, bedrock or heavy clay layer is encountered should be recorded.



LOG OF SOIL BORING

BORING NO. 2

Depth in Feet	Soil Description
0	
10"	Brown silt loam
2	Yellowish TAN clay loam
2 6	
3	
4	Yellowish TAN SAND + clay + GRAVEL MORE SAND THAN CLAY
4 1/2	
5	
6	
7	Yellowish TAN medium sand + GRAVEL with very little clay content
7 1/2	
8	

PERCOLATION TEST

Location Wild Canyon Ridge Block 1 Lot 13

Test hole number P # 1

Depth to bottom of hole 32 inches; Diameter of hole 6 inches.

Soil texture

- 0-10" Brown silt loam (fine clay, sandy)
- 10"-27" Yellowish Tan clay loam
- 27"-32" Yellowish Tan medium sand + clay + gravel (3/8-3/4 sand)

Percolation test by Mike R. Hertzog Construction Co.

Time	Time Interval, minutes	Measure-ment, inches	Drop in water level, inches	Percola-tion rate, minutes per inch	Remarks
11:30	30	16 3/4	2	15.0	Initial fill 14.0
12:00	30	18 1/4			
12:01	30	16 1/4			Refill
12:31	30	18 1/8	1 7/8	16.0	
12:32	30	16 1/4			Refill
1:02	30	18 3/8	1 5/8	15.5	
1:03	30	16 1/4			Refill
1:33	30	18 1/8	1 7/8	16.0	
1:34	30	16 1/8			Refill
2:04	30	17 7/8	1 3/4	17.1	
2:05	30	16 1/4			Refill
2:35	30	18	1 3/4	17.1	

Percolation rate = 17.1 minutes per inch.

PERCOLATION TEST

Location Kaiser

Test hole number P # 2

Depth to bottom of hole 34 inches; Diameter of hole 6 inches.

Soil texture

- 0-12" Brown silt loam (fine clay, sandy)
- 12"-15" Yellowish Tan silt loam
- 15"-24" Yellowish Tan fine sand + clay (3/4 sand)
- 24"-29" Yellowish Tan gravel concrete sand + gravel + very little clay
- 29"-34" Yellowish Tan sandy silt + some sand + clay (3/4 fine sand) + some gravel

Date of test 4/8/78 San Antonio #6.185 Percolation

Time	Time Interval, minutes	Measure-ment, inches	Drop in water level, inches	Percola-tion rate, minutes per inch	Remarks
11:35	30	15 3/4	2 1/2	14.1	Initial fill 14.0
12:05	30	17 1/8			
12:06	30	15 3/4			Refill
12:36	30	17 3/4	2	15.0	
12:37	30	15 1/2			Refill
1:07	30	17 1/2	2	15.0	
1:08	30	15 3/4			Refill
1:38	30	17 1/2	1 7/8	16.0	
1:39	30	15 3/8			Refill
2:09	30	17 1/2	1 7/8	16.0	
2:10	30	15 3/4			Refill
2:40	30	17 3/8	1 7/8	16.0	

Percolation rate = 16.0 minutes per inch.

Sewage tank maintenance reporting form

Subsurface Sewage Treatment Systems (SSTS) Program

Doc Type: Compliance and Enforcement

Purpose: Management and maintenance of Subsurface Sewage Treatment Systems (SSTS) are important to ensure resource protection and long-term and cost-effective sewage treatment. Completion of this form complies with the sewage tank maintenance requirements under Minn. R. 7080.2450 and 7082.0600. This form *may* be used to certify the compliance status of the sewage tank components of the SSTS. **This form is not a complete SSTS inspection report, only a tank integrity assessment, and may only certify sewage tank compliance status when entirely completed and signed on page 3 by a qualified professional.**

Instructions: A copy of this information must be submitted to the system owner within 30 days of the maintenance date and be maintained by the licensed SSTS maintainer business for a period of five (5) years from the maintenance date. Maintenance reporting to the local unit of government *may* be required by local ordinance. Check with your local SSTS program for maintenance reporting protocol. **Page 3 is optional and not required to be completed on routine maintenance events.**

Secure maintenance hole covers

All maintenance hole covers must be returned to service in a sound and durable condition and be capable of withstanding the anticipated load.

Covers must be re-secured in accordance with Minn. R. 7080.2450, subp. 3, Items C or D:

- a) Covers installed under local ordinances adopted after February 4, 2008 must be locked, bolted or screwed or must be 95 pounds in weight. They must be made of material suitable for outdoor use, resistant to ultraviolet degradation and leaks, and not susceptible to being slid or flipped. They must have a label warning of hazardous conditions inside the tank. All screw openings must be refastened.
- b) Covers installed under local ordinances adopted before February 4, 2008 must either be buried with at least 12 inches of soil cover or be secured according to the local ordinance in effect before February 4, 2008.
- c) Covers must meet item 'a' above when raised to the ground surface or less than 12 inches from the ground surface.

Reporting information

Date of maintenance (mm/dd/yyyy): 9/7/2021 Reason for maintenance: Routine
 Property address: 6387 Crackleberry Bay Parcel ID: _____
 City: Woodbury State: MN Zip code: 55129
 Property owner's name: Jeffrey Kaiser
 Property-owner's address (if different): _____
 City: _____ State: _____ Zip code: _____
 Phone number: _____ Email address: _____

1. Did you measure the accumulation of scum and sludge? Yes No (tank(s) pumped without measuring)

Tank (check if present)	Scum	Sludge	Operating depth	Percent full
<input type="checkbox"/> Septic/holding tank #1				
<input type="checkbox"/> Septic/holding tank #2				
<input type="checkbox"/> Pretreatment tank				
<input type="checkbox"/> Pump tank				

2. Access used to remove septage: Maintenance hole Other (Unless a holding tank, go to #4 below)
 3. If the maintenance hole was used, were all covers secured in place? Yes No If no, please explain below:

4. If the owner refuses to allow a Subsurface Sewage Treatment System (SSTS) to be pumped through the maintenance hole, have them complete and sign the following statement.

I, _____, refuse to allow the removal of the solids and liquids through the maintenance
(Print owner's name)

hole. I understand that removal of solids and liquids through other access points is not considered a compliant method of solids removal and does not fulfill the solids removal requirements of Minn. R. 7080.2450 and 7082.0600.

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.

Owner's signature: _____ Date (mm/dd/yyyy): _____

Property address: 6387 Crackleberry Bay Parcel ID: _____
 City: Woodbury State: MN Zip code: 55129

5. Is the tank designed as a leaky tank? (Example: seepage pit, cesspool, drywell, leaching pit)
 Tank #1: Yes No Verification method used: Visual
 Tank #2: Yes No Verification method used: Visual

6. Is there evidence of the following?

Tank (check if present)	Tank leaks below the designed operating depth	Tank leaks above the designed operating depth	Maintenance hole cover is damaged, cracked, unsecured, or appears to be structurally unsound
<input type="checkbox"/> Septic/holding Tank #1	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Septic/holding Tank #2	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Pretreatment Tank	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Pump Tank	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Describe detail for any "Yes"			

7. How many gallons of septage were removed?
 Tank #1: 1500 Tank #2: _____ Pretreatment Tank: _____ Pump Tank: _____

8. Where was the septage taken? Wastewater treatment facility Land application Other
 Explanation (Facility name/Site #): St Paul - MCES

9. Did you identify any operational issues or unsafe conditions while assessing the sewage tanks in this system?
 Yes No If yes, identify tank and explain:
 Evidence of non-domestic waste Baffle(s) condition Effluent screen condition
 Maintenance hole and extensions condition Other conditions (e.g. structural integrity of tank or lid, electrical hazard, etc.)
 Explanation: _____

10. List any troubleshooting and minor repairs completed or declined by owner:
 Troubleshooting and repairs conducted: _____ Repairs declined by owner: _____

Additional comments or suggestions for owner's consideration:


Pumping record

I personally conducted the work described above on behalf of a Minnesota-licensed SSTS Maintenance Business, in compliance with Minnesota Rules Chapters 7080 – 7083:

As a noncertified individual who has received proper training, daily work review, and periodic observation, or
 As a designated certified individual of the business listed below.

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.

Company Information

Company name: Schlomka Services
 Business license number: 2989
 Email: Office@schlomkaservices.com
 Employee's signature: 

Employee Information

Print name: Larry Schlomka
 Certification number: (if applicable): _____
 Phone number: 651.459.3718
 Date (mm/dd/yyyy): 2/28/2022

Property address: 6387 Crackleberry Bay Parcel ID: _____
City: Woodbury State: MN Zip code: 55129

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 (wq-wwists4-31b). 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.

Pages 1 and 2 are not required to accompany this form when the optional third page is completed and used to certify sewage tank compliance status.

System status

System status on date (mm/dd/yyyy): 9/7/2021

Certificate of sewage tank compliance

Notice of sewage tank non-compliance

Compliance criteria:

The SSTS has a seepage pit, cesspool, drywell, leaching pit, or other pit - "Failure to Protect Groundwater."	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
The SSTS has a sewage tank that leaks below the designed operating depth - "Failure to Protect Groundwater."	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No
The SSTS presents a threat to public safety by reason of structurally unsound (damaged, cracked, or weak) maintenance hole cover(s) or lids or any other unsafe condition - "Imminent Threat to Public Health or Safety."	<input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No

Any "yes" answer above indicates sewage tank non-compliance.

Company information

Company name: Schlomka Services LLC
Business license number: 2989

Designated Certified Individual (DCI) information

Print name: Larry Schlomka
Certification number: 4253

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:  Date (mm/dd/yyyy): 3/28/2022



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:
04/13/2022 07:11

Received By: Bree Landherr

Sample Condition Upon Receipt:

Received Date / Time: 12-Apr-2022 11:11

Acceptable Temperature 7.0 °C
 On ice

Sample ID: 2204052-01

6387 Crackleberry Bay, Woodbury, MN 55129

Sample Collector: Dave Brown

Collection Date/Time: 4/12/2022 12:00:00AM

Analyte	Result	Units	MCL*		Date Analyzed	Analyst Initials	Method
Nitrate as N	3.03	mg/L	10	PASS	04/12/2022 14:31	DJW	EPA 353.2 Rev. 2.0
P/A total coliform	Absent	MPN/100 mL	Absent	PASS	04/12/2022 07:09	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. The test report shall not be reproduced except in full, without written approval of the laboratory.

* - The lab does not hold a Minnesota Department of Health accreditation for this parameter.