

Compliance inspection report form

Existing Subsurface Sewage Treatment System (SSTS)

Doc Type: Compliance and Enforcement

Instructions:

Control Agency (MPCA) website at

Instructions for filling out this form are located on the Minnesota Pollution

Property information

Local tracking number:

Parcel ID# or Sec/Twp/Range: 3302721310001 Reason for Inspection Transfer of deed

Local regulatory authority info: Washington County

Property address: 8275 RIVER ACRES RD S, CITY OF COTTAGE GROVE

Owner/representative: PAULA BUEGE Owner's phone: 310-896-6034

Brief system description: Replacement system from 2010. Septic/lift tanks going to pressure bed.

System status

System status on date (mm/dd/yyyy): 10/10/2024

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.

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

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.

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

The entire area over the pressure bed needs to be cleaned off. All brush should be removed and tree's cut to the ground. The STA was overgrown, so I suggested to the owner that it should be cleared.

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: SS Septic Solutions, LLC.

Certification number: 9917

Inspector signature: Shelley Schlomka

License number: 4137

(This document has been electronically signed)

Phone: 651-343-9117

Necessary or locally required supporting documentation

- Soil observation logs
- System/As-Built
- Locally required forms
- Tank Integrity Assessment
- Operating Permit
- Other information (list):

Property Address: 8275 RIVER ACRES RD S, CITY OF COTTAGE GROVE

Business Name: SS Septic Solutions, LLC.

Date: 10/10/2024

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

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): 8/22/2024
(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: _____

Describe verification methods and results:

Tanks water tight at time of inspection. Tank integrity form attached.

Property Address: 8275 RIVER ACRES RD S, CITY OF COTTAGE GROVE

Business Name: SS Septic Solutions, LLC.

Date: 10/10/2024

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

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

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

Describe verification methods and results:

Attached supporting documentation: Operating permit (Attach)

Property Address: 8275 RIVER ACRES RD S, CITY OF COTTAGE GROVE

Business Name: SS Septic Solutions, LLC.

Date: 10/10/2024

5. Soil separation – Compliance component #5 of 5

Date of installation 10/18/2010 Unknown
(mm/dd/yyyy)

Shoreland/Wellhead protection/Food beverage lodging? Yes No

Attached supporting documentation:

- Soil observation logs completed for the report
- Two previous verifications of required vertical separation
- Not applicable (No soil treatment area)
- See attached soils from designer and county final inspection.

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.

Indicate depths or elevations

A. Bottom of distribution media	12"
B. Periodically saturated soil/bedrock	49"
C. System separation	37"
D. Required compliance separation*	36"

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

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.

Property address: 8275 River Acres Rd
City: Cottage Grove State: MN

Parcel ID: _____
Zip code: 55016

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): 10-10-24

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."

Yes* No

The SSTS has a sewage tank that leaks below the designed operating depth - "Failure to Protect Groundwater."

Yes* 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."

Yes* No

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

Company information

Company name: Meyer Sewer Service
Business license number: 915

Designated Certified Individual (DCI) information

Print name: Chris Wagner
Certification number: 9761

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): 10-10-24

OSTP Design Summary Worksheet

Minnesota Pollution Control Agency

UNIVERSITY OF MINNESOTA



Pressure Distribution Summary

No. of Perforated Laterals Perforation Spacing ft Perforation Diameter in
 Lateral Diameter in Supply Pipe Diameter in
 Flow Rate GPM Total Head ft

4. ORGANIC LOADING (if pretreatment is being used)

Organic Loading to Pre-Treatment Unit = Design Flow X Estimated BOD in mg/L in the effluent X 8.35 ÷ 1,000,000
 gpd X mg/L X 8.35 ÷ 1,000,000 = lbs BOD/day

Calculate System Organic Loading: lbs. BOD/day ÷ Bottom Area = lbs/day/ft²
 lbs/day ÷ ft² = lbs/day/ft²

Comments/Special Design Considerations:

New REPLACEMENT SYSTEM

*# 1
BARRY BROWN
DESIGNER*

I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.

Barry Brown
(Designer)

BBB
(Signature)

1772
(License #)

09/11/10
(Date)

Job: 8275 River Area Rd., Cottage Grove
 Date: 09-16-10

LOG OF SOIL BORINGS

Depth in Feet	B1	B2	B3	B4
1	Black sandy loam Topsoil	Black sandy loam Topsoil	Black SANDY Loam Topsoil	Black SANDY Loam Topsoil
2	Dark brown loamy SAND 10yr 3/3	Dark brown medium brown 10yr 3/3	Dark red brown med. SAND 25 yr 3/4	Dark red brown med. SAND 25 yr 3/4
3	medium brown fine SAND 10yr 4/3	medium to fine SAND 10yr 4/3	medium brown medium to fine SAND 10yr 4/3	medium brown medium to fine SAND 10yr 4/3
4	fine SAND 10yr 4/3	fine SAND 10yr 4/3	fine SAND 10yr 4/3	fine SAND 10yr 4/3
5	Redox 52"	Redox 49"	Redox 54"	Redox 49"
6				
7				

Soils # 7
 From Designer
 (Replacement System)

(A) = (2) Existing tanks
(2nd tank being converted to septic tank)

(B) = new pump tank
20x38' pressure tank

(C) = (note tank size)

* may need to fit over part of 1st existing trench - four west side of lot area.

Elevations

Garage Floor 100'

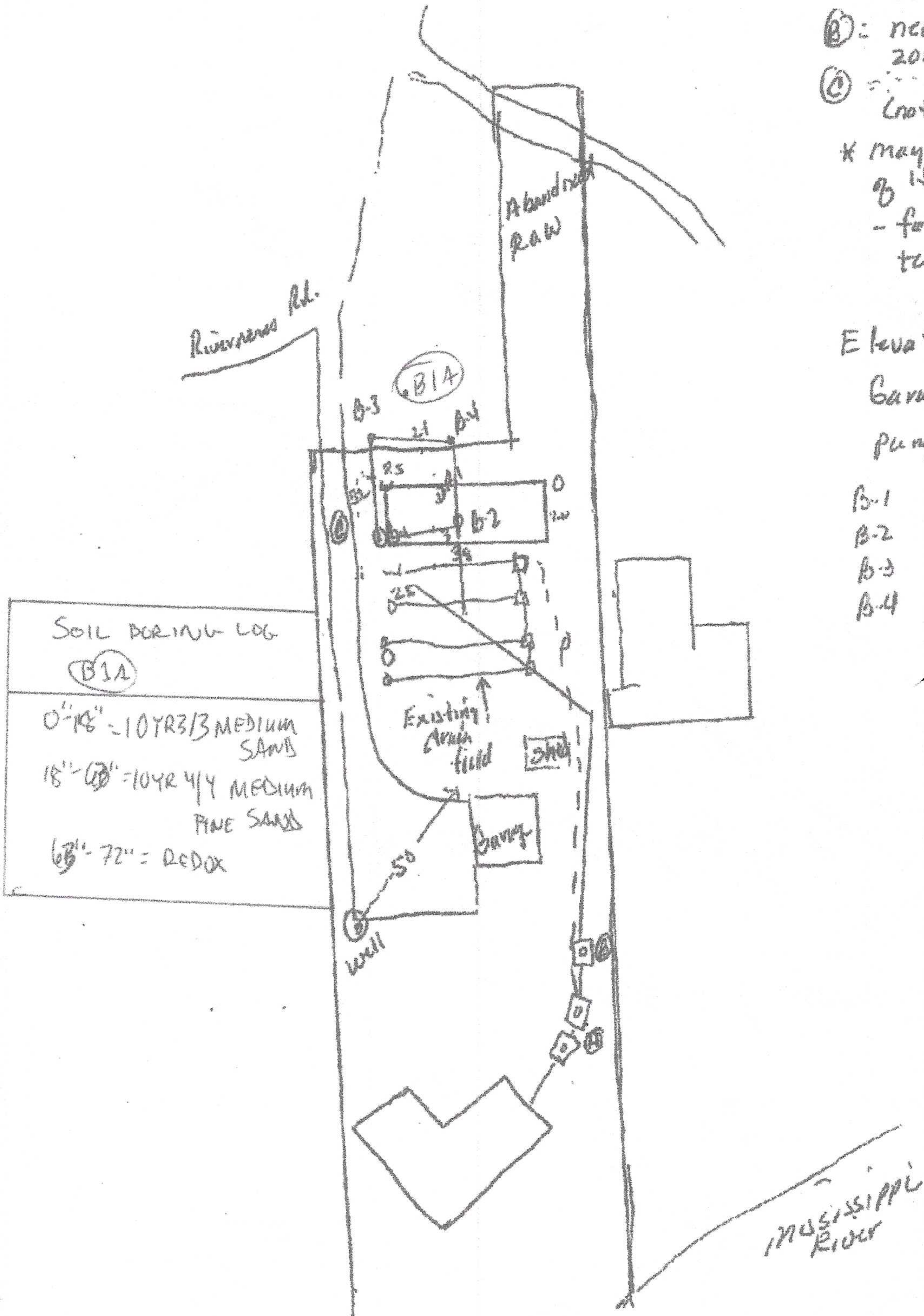
pump tank grade 99'

B-1 102

B-2 101.5

B-3 102.5

B-4 102



SOIL BORING LOG

(B1A)

0'-18" = 10YR3/3 MEDIUM SANDS

18'-68" = 10YR4/4 MEDIUM FINE SANDS

68'-72" = REDOX

SITE EVALUATION		COUNTY USE ONLY		CHECK ALL THAT APPLY:	
EVALUATOR: CHRIS VELLAIR				<input type="checkbox"/> NEW	<input type="checkbox"/> CLASS V
PROPERTY ADDRESS: 8275 FIVER ALPES RD		GEOCODE: 33-027-21-31-0001		<input type="checkbox"/> EXISTING	<input type="checkbox"/> COMMERCIAL ESTABLISHMENT
DATE: 27 SEP 2010		TIME: 12:30		<input type="checkbox"/> DWELLING	<input type="checkbox"/> FBL ESTABLISHMENT
				<input type="checkbox"/> SHORELAND	<input type="checkbox"/> IN WELLHEAD PROTECTION AREA

SOILS #2 S7105

SOIL REVIEW									
SOIL BORING 1					SOIL BORING 2				
SOIL CLASSIFICATION:					PARENT MATERIAL:				
ELEVATION OF BORING:		LOCATION: B1 B2			ELEVATION OF BORING:		LOCATION:		
GPS COORDINATES: LAT:		LON:			GPS COORDINATES: LAT:		LON:		
<input checked="" type="checkbox"/> BORING		<input type="checkbox"/> PIT			<input type="checkbox"/> BORING		<input type="checkbox"/> PIT		
<input type="checkbox"/> PROBE					<input type="checkbox"/> PROBE				
SOIL HORIZON DEPTH (IN)	TEXTURE	COLOR	STRUCTURE	REDOXIMORPHIC FEATURES	SOIL HORIZON DEPTH (IN)	TEXTURE	COLOR	STRUCTURE	REDOXIMORPHIC FEATURES
0-9"	FINE SANDY LOAM	10YR 3/2	GR	NO					
9-49"	FINE SANDY LOAM	10YR 4/3	GR						
49"	FINE SAND	10YR 4/3	GR	YES					

SOIL REVIEW CONCLUSIONS			
<input checked="" type="checkbox"/> SITE SUITABLE	DEPTH INFORMATION:		SOIL TEXTURE: FINE SAND
<input type="checkbox"/> UNSUITABLE SOIL	STANDING WATER: NO	SATURATED SOIL: YES-49"	SOIL SIZING FACTOR:
<input type="checkbox"/> DISTURBED SOIL	BEDROCK: NO	MAXIMUM DEPTH OF SYSTEM: 12"	LINEAR LOADING RATE:
<input type="checkbox"/> COMPACTED SOIL			

SITE REVIEW		
CHECK ALL THAT APPLY	EASEMENTS ON LOT:	SETBACKS
<input type="checkbox"/> WETLAND OR WETLAND VEGETATION	<input type="checkbox"/> UTILITY	BLUFFLINE
<input type="checkbox"/> POND, LAKE, STREAM, RIVER	<input type="checkbox"/> DRAINAGE	RIVER
<input type="checkbox"/> FLOODPLAIN	<input type="checkbox"/> OTHER	POND, LAKE, STREAM, WETLAND
<input type="checkbox"/> 10 YEAR FLOOD ELEVATION _____		WELL
<input type="checkbox"/> BLUFFLINE		
<input type="checkbox"/> WELL WELL CASING DEPTH: _____		

COMMENTS/NOTES: LOT LINE LOCATION NOT CLEAR - REQUIRE A SURVEY OF LOT TO VERIFY LOT LINE LOCATION

9/28/2010 - MET ERIC RUMPCA : SURVEYOR ON SITE. BED DESIGN ALTERED DUE TO LOT LINE LOCATION



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:	\$280.00
Permit Fee:	\$290.00
Total Fee:	\$570.00
Previous Payments	\$570.00
Balance Due	\$0.00

Community: Cottage Grove
 Permit Number: 2200-10-10
 Owner: Bob Woodward
 8275 Riveracres RD
 Cottage Grove MN 55016-
 Applicant: Eric Rumpca Rumpca Enterprise

Stamped 9-30-10

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 #128, Washington County Development Code, Chapter Four, Individual Sewage Treatment System Regulations. This permit may be revoked at any time upon violation of any of the provisions of said ordinance.

Project Address: 8275 River Acres RD
 Geo Code: 33-027-21-31-0001
 Designer: Barry Jonathan Brown

2200-10-10

Type of System: Pressure Bed		Pressure Distribution	
		Number Of Laterals:	7
		Perforation Spacing:	3 Feet
		Perforation Diameter:	7/32 Inch
		Head Size:	1.0 Inch
		Total Head:	14.74313
		Connection:	End
		Length of Laterals:	36 Feet
		Perforations / Lateral:	13
		Total Perforations:	91
		Gallons Per Minute:	50.96
		Lateral Diameter:	1.5 Inches
Tank Sizes			
Tank 1: 1000	Tank 2: 1000	Tank 3: 0	Lift Station: 1000

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. Installer must verify head and elevation so the proper pump size is used.
7. Maximum trench depth 12 inches into natural soil.

Permit Issue Date: 9 30 2010
 Permit Expiration Date: September 30, 2011

Christopher W. LeClair, REHS
 Senior Environmental Specialist

#2

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

Individual Sewage Treatment System Certificate of Compliance

Type of System: Pressure Bed
Permit Number: 2200-10-10
Property ID Number: 33-027-21-31-0001
Property Address: 8275 River Acres RD
Community: Cottage Grove
Date of Installation: October 18, 2010

This certifies that the individual sewage treatment system installed at the aforementioned address was inspected during installation and found to be in compliance with requirements of the Washington County Development Code, Chapter Four, Individual Sewage Treatment System Regulations (Washington County Ordinance No. 128). This Certificate of Compliance is valid for five (5) years from the date of issuance unless Washington County finds evidence of an imminent threat to public health and safety. Supporting documentation with detailed information on the system can be found on the attached as-built.



Christopher W. LeClair, REHS
Senior Environmental Specialist

SS Septic Solutions, LLC additional terms and information.

1. SS Septic Solutions, LLC has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period beyond the inspection date. Due to numerous factors (usage, maintenance, tank pumping, soil characteristics, previous failures, etc.) which may affect the proper operation of a septic system. This report shall not be construed as a warranty that the system will properly function for any period.
2. Minimum compliance inspection requirements relative to this inspection and this report include only verification that the septic system has a watertight septic tank(s) and lift tank, the required separation from the bottom of the drain field/mound distribution medium and saturated soils, no backup of sewage into the dwelling and no discharge of sewage onto the ground surface or surface water. SS Septic Solutions, LLC does not inspect basement sewage ejector pumps or exterior lift pumps as they are a maintenance item. Sewage backup verification is limited to the information supplied by the last occupants/owner if available. I cannot guarantee that the information given to me is accurate. Some people may attempt to hide or conceal signs of previous backups.
3. Certification of this system does not warranty any future use beyond the date of inspection. Any system, new or old, can be hydraulically overloaded because of more people moving into the house than were previously occupying it, improper maintenance, heavy usage, tree roots, freezing conditions, or surface drainage problems. The system could simply stop working due to age.
4. **A compliance inspection is not meant to be a test of the longevity of the septic system. The inspection is strictly for the purpose of determining if the septic is polluting the environment at the date and time the inspection is performed.** The inspection is not intended to determine if the system was originally designed or installed to past or present MPCA or local unit of government code requirements.
5. **Winter Work** – Client understands that inspections conducted in winter weather conditions are more difficult to perform due to snow cover and frost. Septic system components like tanks, tank covers, drop boxes and soil treatment areas are more difficult to locate in these conditions. Soil borings and drain field locations are also more difficult to perform due to ground frost. The client needs to understand that due to the weather conditions, the same level of standards may not be possible compared to an inspection during the spring/summer/fall months.
6. If hired to perform the compliance inspection, the client hereby agrees that SS Septic Solutions, LLC will not be responsible for any monetary damages, claims or causes of action including attorney fees arising from the performance of this inspection.
7. Nothing other than gray water (laundry, showers, etc.) human waste and toilet tissue should be disposed of into the septic tanks. **Garbage disposals are not recommended.** Smaller amounts of laundry, soaps, dish soap, cleaning agents, etc. are better for the system. Antibacterial soaps and chlorine agents may kill the bacteria needed to treat effluent properly. Additives are not recommended and may be harmful to your system. Recommend to pump and clean your tanks by a certified pumper every other year if you have 1 tank and every 2-3 years if you have a 2-tank system to ensure proper maintenance. NEVER flush wipes (even if they state they are flushable) or any sanitary products. If they reach the drain field, they could cause it to fail.