

# SOIL EVALUATION REPORT

In accordance with Comm 85, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and percent slope, scale or dimensions, north arrow, and location and distance to nearest road.

Please print all information.

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04 (1) (m)).

County	Racine
Parcel I.D.	194032102002020
Reviewed By	Date

Property Owner Dave Tianen		Property Location			
Property Owner's Mailing Address 2801-53 <sup>rd</sup> Dr		Govt. Lot	1/4	1/4 S	T N R E (or) W
City	State	Zip Code	Phone Number	Lot #	Block #
Franksville	WI	53126	(262) 989-6766	2	
			<input type="checkbox"/> City <input checked="" type="checkbox"/> Village <input type="checkbox"/> Town		Nearest Road
			Yorkville		3 mile + 53 <sup>rd</sup> Dr

New Construction Use:  Residential / Number of bedrooms 3/4 Code derived design flow rate 450/600 GPD  
 Replacement  Public or commercial - Describe: \_\_\_\_\_  
 Parent material Glacial Till Flood Plain elevation if applicable \_\_\_\_\_ ft.  
 General comments and recommendations: Plowed wheat field  
Suitable for mound or other by designer.

**1** Boring #  Boring  Pit Ground surface elev. 96.8 ft. Depth to limiting factor 20 in.

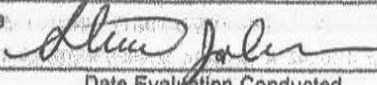
Horizon	Depth In.	Dominant Color Munsell	Redox Description, Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft	
									*Eff#1	*Eff#2
1p	0-12	10YR 3/2	-	sil	2msbk	mfv	cs	2m-f	.6	.8
2	12-20	10YR 4/4	-	cl	2msbk	mfv	cs	1m-f	.4	.6
3	20-25	10YR 4/4	FIF 10YR 5/6	cl	2msbk	mfv	gs	1f	.4	.6
4	25-30	10YR 5/4	c2c 10YR 5/8 + 7/1	sil	2msbk	mfv	-	-	.4	.6

**2** Boring #  Boring  Pit Ground surface elev. 96.8 ft. Depth to limiting factor 15 in.

Horizon	Depth In.	Dominant Color Munsell	Redox Description, Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/ft	
									*Eff#1	*Eff#2
1p	0-8	10YR 3/3	-	sil	2msbk	mfv	cs	2m-f	.6	.8
2	8-15	10YR 4/4	-	cl	2msbk	mfv	cs	1m-f	.4	.6
3	15-20	10YR 4/4	FIF 10YR 5/6	cl	2msbk	mfv	gw	1f	.4	.6
4	20-31	10YR 5/4	c2c 10YR 5/8 + 7/1	sil	2msbk	mfi	-	-	.4	.6

\* Effluent #1 = BOD5 > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

\* Effluent #2 = BOD ~ ≤ 30 mg/L and TSS < 30 mg/L

CST Name (Please Print) Steve Johnson	Signature 	CST Number 227039
Address 3840 N. Raynor Avenue, Union Grove, WI 53182	Date Evaluation Conducted 10-5-22	Telephone Number 262-835-1006

Property Owner Tianen

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Boring # 3  Boring  Pit Ground surface elev. 95.3 ft.

Depth to limiting factor 21 in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/ft	
									*Eff#1	*Eff#2
0-13	0-13	10YR 3/2	—	sil	2msbk	mfr	cs	2mt	.6	.8
13-21	13-21	10YR 4/4	—	cl	2msbk	mfr	cs	lf	.4	.6
21-27	21-27	10YR 4/4	5IF 10YR 5/6	cl	2msbk	mfr	gn	lf	.4	.6
27-35	27-35	10YR 5/4	czd 10YR 5/6 + 7/1	sicl	2msbk	mfr	—	—	.4	.6

Boring #  Boring  Pit Ground surface elev. \_\_\_\_\_ ft.

Depth to limiting factor \_\_\_\_\_ in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/ft	
									*Eff#1	*Eff#2

Boring #  Boring  Pit Ground surface elev. \_\_\_\_\_ ft.

Depth to limiting factor \_\_\_\_\_ in.

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate	
									GPD/ft	
									*Eff#1	*Eff#2

\* Effluent #1 BOD, > 30 < 220 mg/L and TSS > 30 < 150 mg/L      \* Effluent #2 = BOD, < 30 mg/L and TSS < 30 mg/L

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# Plot Plan

