LOT #1

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Wisconsin Department of Safety and Professional Services
Division of Industry Services

SOIL EVALUATION REPORT

In accordance with SPS 385, 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: Ozaukee	
Parcel I.D.: 03-005-03-002.00	
Reviewed by	Date

Property Owner: E B L	Property Location: Govt. Lot SW ¼ NE ¼ S 5 T 10 N R 21 E (or) W ☑
Property Owner's Mailing Address: PO Box 127	Site Address or CSM and Lot #: Proposed Lots 1-6
City: Cedarburg / State: WI / Zip Code: 53012 / Phone Number: ( )	☐ City ☐ Village ☑ Town: Cedarburg / Nearest Road: Brandt Dr.

☑ New Construction ☐ Replacement — Use: ☑ Residential / Number of bedrooms _____ ☐ Public or commercial – Describe: _____

Code derived design flow rate _____ GPD

Flood Plan elevation if applicable _____ ft.

Parent material: glacial till

General comments and recommendations:

Boring 1 — ☑ Boring ☐ Pit — Ground surface elev. 881.17 ft. — Depth to limiting factor 18 in. / elev. _____ ft.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	Soil Application Rate GPD/Ft² *Eff#2
1	0-14	10YR3/3		L	2fgr	Mfr	CS	1m-1f	.6	.8
2	14-18	7.5yr4/4		grSCL	2fsbk	Mfr	GW	1f-1vf	.4	.6
3	18-29	7.5yr5/4	c2d 10yr 5/8 & 6/2	SiL	1fsbk/0M	Mfr	-	-	0	.2

Boring 2 — ☑ Boring ☐ Pit — Ground surface elev. 883.59 ft. — Depth to limiting factor 21 in. / elev. _____ ft.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	Soil Application Rate GPD/Ft² *Eff#2
1	0-9			SiL	2fgr	Mfr	CS	2m-1f	.6	.8
2	9-21	7.5yr4/4		SCL	2fsbk	Mfr	GW	1m-1f	.4	.6
3	21-40	7.5yr6/4	c2d 10yr 5/8 & 6/2	SL	1fsbk/0m	Mfr	-	1vf-24"	.2	.6

CST Name (Please Print): Daniel Boehnlein	Signature: Daniel J Boehnlein	CST Number: #220926
Address: 7527 Devonshire Drive, Cedarburg, WI 53012	Date Evaluation Conducted: 4/9/2026	Telephone Number

* 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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12 Boring # ■ Boring ☐ Pit Ground surface elev. 891.29 ft. Depth to limiting factor 20 in. / elev. ____ ft.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2
1	0-11	10YR 3/3		L	2fgr	Mfr	CS	2m-1f	.6	.8
2	11-20	7.5YR 4/3		SCL	2fsbk	Mfr	GW	1f-1vf	.4	.6
3	20-31	7.5YR 5/4	c2d 10yr 5/8 & 6/2	SiL	1fsbk/0m	Mfr	-	1vf-21"	0	.2

13 Boring # ■ Boring ☐ Pit Ground surface elev. 878.04 ft. Depth to limiting factor 15 in. / elev. ____ ft.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2
1	0-9	10YR 3/3		SiL	2fgr	Mfr	CS	2m-1f	.6	.8
2	9-15	7.5YR 4/4		SCL	2fsbk	Mfr	GW	1f-1vf	.4	.6
3	15-30	7.5YR 5/4	c2d 10yr 5/8 & 6/2	SiL	1fsbk/0m	Mfr	-	1vf-18"	0	.2

14 Boring # ■ Boring ☐ Pit Ground surface elev. 877.59 ft. Depth to limiting factor 18 in. / elev. ____ ft.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2
1	0-10	10YR 3/3		SL	2fgr	Mfr	CS	2m-1f	.6	1.0
2	10-18	7.5YR 4/4		SCL	2fsbk	Mfr	GW	1f-1vf	.4	.6
3	18-34	7.5YR 5/4	c2d 10yr 5/8 & 6/2	SiL	1fsbk/0m	Mfr		1vf-20"	0	.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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→ 15 Boring # ■ Boring ☐ Pit Ground surface elev. 870.6 ft. Depth to limiting factor 16 in. / elev. ____ ft.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2
1	0-12	10YR 3/3		SiL	2fgr	Mfr	CS	2m-1f	.6	.8
2	12-16	7.5YR 4/4		grSCL	2fsbk	Mfr	GW	1f-1vf	.4	.6
3	16-26	7.5YR 5/4	c2d 10yr 5/8 & 6/2	SiL	1fsbk/0m	Mfr	-	1vf-17"	0	.2

→ 16 Boring # ■ Boring ☐ Pit Ground surface elev. 873.6 ft. Depth to limiting factor 18 in. / elev. ____ ft.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2
1	0-12	10YR 3/3		SiL	2fgr	Mfr	CS	2m-2f	.6	.8
2	12-18	7.5YR 4/4		SCL	2fsbk	Mfr	GW	1f-1vf	.4	.6
3	18-33	7.5YR 5/4	c2d 10yr 5/8 & 6/2	SiL	1fsbk/0m	Mfr	-	1vf-20"	0	.2

☐ Boring # ☐ Boring ☐ Pit Ground surface elev. ____ ft. Depth to limiting factor ____ in. / elev. ____ ft.

Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *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