

SOIL EVALUATION REPORT
in accordance with Comm 85, Wis. Adm. Code

#1895
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Levake Soil Testing, LLC

Attach complete site plan on paper not less than 8½ 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)).

Property Owner Powell, Mary & William		Property Location Govt. Lot NW1/4, NE1/4, S1, T5N, R15E	
Property Owner's Mailing Address N2508 Frommader Rd.		Lot # 1	Block # 2576
City Ft. Atkinson	State Zip Code WI 53538	Subd. Name or CSM# 2576	
Phone Number		☐ City ☐ Village ☒ Town Nearest Road Hebron Frommader Rd.	

☒ New Construction Use: ☒ Residential / Number of bedrooms _____ Code derived design flow rate _____ GPD
☐ Replacement ☐ Public or commercial - Describe _____

Parent material _____ Flood plain elevation, if applicable **NA** ft.

General comments Site passes for an in-ground septic system.
and recommendations:

1	Boring #	☐ Boring	Ground surface elev. 114 ft.	Depth to limiting factor 96 in.	Soil Application Rate					
		☒ Pit			GPD/ft²					
					*Eff#1	*Eff#2				
Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots		
1	0-9	10YR 3/2	----	sil	2mgr	mfr	cs	3c-f	0.6	0.8
2	9-22	10YR 4/2	----	cl	2msbk	mfr	cs	3c-f	0.4	0.6
3	22-42	7.5YR 4/6	----	scl	2msbk	mfr	gw	2m/f	0.4	0.6
4	42-96	10YR 5/4	----	sl	1fpl	mfr	----	1f	.4	.6

2	Boring #	☐ Boring	Ground surface elev. 121.2 ft.	Depth to limiting factor 100 in.	Soil Application Rate										
		☒ Pit			Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft²	
														*Eff#1	*Eff#2
1	0-5	10YR 3/2	----	sil	2mgr	mfr	cs	3c-f	0.6	0.8					
2	5-8	10YR 4/2	----	cl	2msbk	mfr	cs	3c-f	0.4	0.6					
3	8-16	7.5YR 4/6	----	scl	2msbk	mfr	gw	2m/f	0.4	0.6					
4	16-100	10YR 5/4	----	sl	1fpl	mfr	----	1f	.4	.6					

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

* Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name (Please Print) Jeffrey T. Levake		Signature:		CST Number 223322
Address Levake Soil Testing, LLC P.O. Box 568 Lake Mills, WI 53551		Date Evaluation Conducted 9/26/2013		Telephone Number 920-988-7567

3 Boring # ☐ Boring ☒ Pit Ground surface elev. 115.2 ft. Depth to limiting factor 96 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 ²	
									*Eff#1	*Eff#2
1	0-12	10YR 3/2	----	sil	2mgr	mfr	cs	3c-f	0.6	0.8
2	12-30	10YR 4/2	----	cl	2msbk	mfr	cs	3c-f	0.4	0.6
3	30-64	7.5YR 4/6	----	scl	2msbk	mfr	gw	2m/f	0.4	0.6
4	64-96	10YR 5/4	----	sl	1fpl	mfr	---	1f	.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 ²	
									*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 ²	
									*Eff#1	*Eff#2

* Effluent #1 = BOD₅ > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L* Effluent #2 = BOD₅ ≤ 30 mg/L and TSS ≤ 30 mg/L

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Levake Soil Testing
P.O. Box 568
Lake Mills, WI 53551

System Elevations:

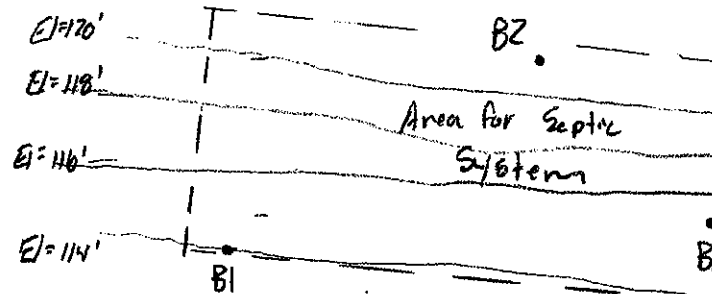
Benchmark: $\Delta = 100.0'$
At top of lot corner marker.

Boring Elevations: B1 = 114' B3 = 115.2' B5 _____
B2 = 121.2' B4 _____ B6 _____

Note: No Wells Within 50' Of Test Site.

Scale: 1" = 40'

Property Owner: Powell, Mary + William
Property Location: NW 1/4, NE 1/4, S1, T5N, R15E
Town of Hebron



Slope: 16%

To Frommader Rd.

BM

161.34'