

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: Washington County	
Parcel I.D.:	
Reviewed by:	Date:

Property Owner: Plow and Hearth LLC				Property Location: Govt. Lot <input checked="" type="checkbox"/> 1/4 1/4 S 30 T 9 N - R 18 E (or) W <input type="checkbox"/>			
Property Owner's Mailing Address:				Lot # 14	Block #	Subd. Name or CSM # Emerald Hills Estates	
City:	State:	Zip Code:	Phone Number: () -	<input type="checkbox"/> City: <input type="checkbox"/> Village: <input checked="" type="checkbox"/> Town:	Nearest Road:		

<input checked="" type="checkbox"/> New Construction	Use <input checked="" type="checkbox"/> Residential / Number of bedrooms: 4	Code derived design flow rate: 600 GPD
<input type="checkbox"/> Replacement	<input type="checkbox"/> Public or commercial - Describe:	
Parent material: Glacial till and outwash		Flood Plain elevation if applicable: N/A ft.
General comments and recommendations: SEE MEMO SHEETS		

1 Boring # Boring Pit Ground surface elev. 974.2 ft. Depth to limiting factor >74 in. Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-10	10 YR 4/2		SiL	2f-m gr	mvfr	as	3f-2m	.6	.8
Bt	10-21	10 YR 5/4		SiCL	2 f sbk	mfi	cs	2f-1m	.4	.6
Bt2	21-35	10 YR 4/4		CL	2 m abk	mfi	cs	1f	.4	.6
2C	35-48	10 YR 6/4		coS-S	0sg	ml	gw	--	.7	1.6
3C	48-74	10 YR 5/4-3		gr SL	1 f abk	mfr	--	--	.4	.7

2 Boring # Boring Pit Ground surface elev. 974.3 ft. Depth to limiting factor >76 in. Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-10	10 YR 4/2		SiL	2f-m gr	mvfr	as	2f-1m	.6	.8
Bt1	10-22	10 YR 5/4		SiCL	2 f-m abk	mfi	cs	1f-1m	.4	.6
Bt2	22-38	10 YR 4/4		CL	2 f abk	mfr-ml	cs	1f	.4	.6
2C	38-76	10 YR 6/4-5/4		coS & grSL*	0sg-1fabk	ml-mfr	--	--	.4	.7
				* Stratified	6" layers					

* 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): David B. LaBott(Baudhuin Inc.)	Signature:	CST Number: 71449
Address: 55 South Third Ave. Sturgeon Bay, WI 54235	Date Evaluation Conducted: 4-28-04	Telephone Number: (920) 743 - 8211

Boring
 Pit Boring # 3 Ground surface elev. 974.2 ft. Depth to limiting factor >74 in. Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-10	10 YR 4/2		SiL	2 f-m gr	mvfr	as	3f-2m	.6	.8
Bt1	10-15	10 YR 5/4		SiCL	2 f-m abk	mfi	cs	2f-1m	.4	.6
Bt2	15-29	10 YR 4/4		CL	2 m abk	mfi	cs	1f	.4	.6
2BC	29-50	10 YR 5-6/4		LS	0 sg	ml	cs	--	.7	1.6
2C	50-74	10 YR 6/4		vgr coS	0 sg	ml	gw	--	.7	1.6
3C	74-	10 YR 5/3		gr SL	1 fabk	mfr	--	--	.4	.7

Boring
 Pit Boring # 4 Ground surface elev. 971.3 ft. Depth to limiting factor 55 in. Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-10	10 YR 4/2		SiL	2f-m abk	mfr	as	2f-1m	.6	.8
Bt1	10-19	7.5 YR 5/4		SiCL	2 f-m abk	mfi	cs	2f	.4	.6
2Bt2	19-35	10 YR 4/4		CL	2 m-co sbk	mfi	cs	--	.4	.6
2BC	35-55	10 YR 4/4-3		SCL	2 f sbk	mfr	cw	--	.4	.6
2C	55-68	10 YR 6/4	f1f 10 YR 5/8,6/2	S	0 sg	ml	gw	--	.7	1.6
3C	68-106	10 YR 5/4	c2d 7.5 YR 5/8	xgrSL/LS	0 sg	ml	--	--	.5	.5
		water @ 104"								

Boring
 Pit Boring # 5 Ground surface elev. 973.3 ft. Depth to limiting factor >74 in. Soil Application Rate

Horizon	Depth in.	Dominant Color Munsell	Redox Description Qu. Sz. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	GPD/ft ²	
									Eff#1	Eff#2
Ap	0-8	10 YR 4/2		SiL	2f-m abk	mfr	as	2f-1m	.6	.8
Bt1	8-17	10 YR 5/4		SiCL	2 f-m abk	mfi	cs	2f	.4	.6
2Bt2	17-24	10 YR 4/4		CL	2 f sbk	mfi	cs	--	.4	.6
2Bt3	24-34	10 YR 3/4		gr CL	2 f abk	mfi	gw	--	.4	.6
2C	34-74	10 YR 5/4		xgr coS	0 sg	ml	--	--	.5	.5

* 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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