

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 # 18	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 SHEET		

1 Boring #  Boring  Pit Ground surface elev. 985.7 ft. Depth to limiting factor >79 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 <sup>2</sup>	
									Eff#1	Eff#2
Ap	0-8	10 YR 4/2		SiL	2f-m gr	mvfr	as	3f-2m	.6	.8
2Bt1	8-13	10 YR 5/4		SiCL	2 f sbk	mfi	cs	2f-1m	.4	.6
2Bt2	13-37	10 YR 4/4		CL	2 m abk	mfi	cs	1f	.4	.6
2BC	37-49	10 YR 5/4		gr SL	2 f-m abk	mfr	cs	1vf	.6	1.0
2C1	49-79	10 YR 6/4		LS/SL	0 sg/1 fabk	ml/mfr	--	--	.4	.7

2 Boring #  Boring  Pit Ground surface elev. 982.8 ft. Depth to limiting factor >72 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 <sup>2</sup>	
									Eff#1	Eff#2
Ap	0-9	10 YR 3/3		SiCL	2f-m gr	mvfr	as	2f-1m	.4	.6
Bt1	9-15	10 YR 4/4		vgr SL	2 f-m abk	mfi	cs	1f-1m	.6	1.0
2Bt2	15-24	10 YR 5/4		gr SL	2 f abk	mfr	cs	1f	.6	1.0
2BC	24-40	10 YR 6/4		gr L	1 f abk	mfr	cw	--	.6	.8
2C	40-72	10 YR 6/3		L	0m	mfr	--	--	.2	.5

\* Effluent # 1 = BOD<sub>5</sub>>30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

\* Effluent # 2 = BOD<sub>5</sub>≤ 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

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Boring #

Boring

Pit Ground surface elev. 993.9 ft. Depth to limiting factor 84 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 <sup>2</sup>	
									Eff#1	Eff#2
Ap	0-10	10 YR 3/2		SiL	2 f-m gr	mvfr	as	3f-2m	.6	.8
Bt1	10-27	10 YR 5/4		SiCL	2 f-m abk	mfi	cs	2f-1m	.4	.6
2Bt2	27-37	10 YR 3-4/4		gr CL	2 m abk	mfi	cs	1f	.4	.6
2BC	37-49	10 YR 5/4		gr SL	1 f-m sbk	mfr	cs	--	.4	.7
2C	49-84	10 YR 5-6/4		gr SL	0m	mfr	--	--	.2	.6

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Boring #

Boring

Pit Ground surface elev. 970.3 ft. Depth to limiting factor 43 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 <sup>2</sup>	
									Eff#1	Eff#2
Ap	0-10	10 YR 4/2		SiL	2f-m abk	mfr	as	2f-1m	.6	.8
BE	10-14	10 YR 5/3		SiL	2 f-m abk	mfi	cs	2f	.6	.8
Bt1	14-43	10 YR 5/4		SiCL	2 f-m sbk	mfi	cs	1f	.4	.6
Bt2	43-50	10 YR 4/4	f1f 10 YR 5/8	SiCL	2 m-co abk	mfi	--	--	.4	.6

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Boring #

Boring

Pit Ground surface elev. 969.6 ft. Depth to limiting factor 36 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 <sup>2</sup>	
									Eff#1	Eff#2
Ap	0-8	10 YR 4/2		SiL	2f-m abk	mfi	as	2f-1m	.6	.8
BE	8-11	10 YR 5/4		SiL	2f-m abk	mfi	cs	2f	.6	.8
Bt1	11-36	10 YR 4/4		SiCL	2 f-m abk	mfi	cs	1f	.4	.6
Bt2	36-45	10 YR 4/4	c2d 10 YR 5/8	SiCL	2 f abk	mfi	--	--	.4	.6

\* Effluent # 1 = BOD<sub>5</sub>>30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

\* Effluent # 2 = BOD<sub>5</sub>≤ 30 mg/L and TSS ≤ 30 mg/L

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Boring #

Boring

Pit Ground surface elev. 973.8 ft. Depth to limiting factor 59 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 <sup>2</sup>	
									Eff#1	Eff#2
Ap	0-12	10 YR 4/2		SiL	2f-m abk	mfr	as	2f-1m	.6	.8
Bt	12-42	10 YR 4/4		SiCL	2 m-co sbk	mfi	cs	2f	.4	.6
2BC	42-49	10 YR 4-5/4		L	1 c pr	mfr	cs	1f	.4	.6
2C1	49-59	10 YR 5/4		L	0m	mfr	cw	1vf	.2	.6
2C2	59-65	10 YR 5/4	f2d 10YR 6/2-5/6	L	0m	mfr	cw	--	.2	.5

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Boring #

Boring

Pit Ground surface elev. 984.2 ft. Depth to limiting factor 84 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 <sup>2</sup>	
									Eff#1	Eff#2
Ap	0-6	10 YR 3/3		CL	2 f-m abk	mfr	as	2f-1m	.4	.6
Bt	6-13	10 YR 4/4		gr CL	2 f-m abk	mfi	cs	2f	.4	.6
BC	13-62	10 YR 5/4		gr SL	1 f abk	mfr	cs	1f	.4	.7
C	62-84	10 YR 5/4		gr SL	0m	mfr	--	--	.2	.6

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Boring #

Boring

Pit Ground surface elev. 989.7 ft. Depth to limiting factor 72 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 <sup>2</sup>	
									Eff#1	Eff#2
Ap	0-13	10 YR 4/2		SiL	2 f gr	mvfr	as	3f-1m	.6	.8
Bt	13-33	10 YR 4/4		CL	2 f-m abk	mfi	cs	2f	.4	.6
2BC	33-44	10 YR 5/4-4		gr SL	2 f abk	mfr	cs	1f	.6	1.0
2C	44-60	10 YR 5/4		gr SL	1 f abk	mfr	cw	--	.4	.7
3C	60-72	10 YR 5/3		gr L	0m	mfr	--	--	.2	.5

\* Effluent # 1 = BOD<sub>5</sub>>30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

\* Effluent # 2 = BOD<sub>5</sub>≤ 30 mg/L and TSS ≤ 30 mg/L

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