

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 1/4 1/4 S 30 T 9 N - R 18 E (or) W <input checked="" type="checkbox"/> <input type="checkbox"/>			
Property Owner's Mailing Address:				Lot # 4	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: Shallow trenches 1.0'-1.5' below contour @ .4gpd/sqft. or an at-grade system		

1 Boring # Boring
 Pit Ground surface elev. 978.5 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 ²	
									Eff#1	Eff#2
Ap	0-10	10 YR 4/2		SiL	2f-m gr	mvfr	as	3f-2m	.6	.8
BE	10-14	10 YR 5/4		SiL	2 f-m abk	mfr	cs	2f-1m	.6	.8
Bt	14-47	10 YR 4/4		SiCL	2 m abk	mfi	cs	1f	.4	.6
2Bt	47-59	10 YR 4/4		CL	2 f abk	mfi	as	1vf	.4	.6
2BC	59-64	10 YR 3/4		xgcoSCL-SL	1 f abk	mfr	gw	--	.4	.7
3C	64-84	10 YR 6/4		xgr coS	0 sg	ml	--	--	.5	.5

2 Boring # Boring
 Pit Ground surface elev. 977.1 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 ²	
									Eff#1	Eff#2
Ap	0-10	10 YR 4/2		SiL	2f-m gr	mvfr	as	2f-1m	.6	.8
Bt	10-38	10 YR 5/4		SiCL	2 f-m abk	mfi	cs	1f-1m	.4	.6
Bt2	38-47	10 YR 4/4		CL	2 m abk	mfi	cs	1f	.4	.6
2C1	47-53	10 YR 5-4/4		vgr LcoS	0 sg	ml	gw	--	.7	1.6
2C2	53-74	10 YR 6/4		S	0 sg	ml	gw	--	.7	1.6
3C	74-84	10 YR 5/4		L	1 f abk	mfr	--	--	.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): 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. 978.8 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 ²	
									Eff#1	Eff#2
Ap	0-10	10 YR 4/2		SiL	2f-m gr	mvfr	as	3f-2m	.6	.8
Bt	10-18	10 YR 5/4		SiCL	2 f-m abk	mfi	cs	2f-1m	.4	.6
Bt2	18-27	10 YR 4/4		CL	2 m abk	mfi	cs	1f	.4	.6
2Bt3	27-40	10 YR 3/4-4		gr CL	2 f m sbk	mfi	gw	--	.4	.6
3C	40-84	10 YR 6/4		xgr coS	0 sg	ml	--	--	.5	.5

Boring
 Pit Boring # 4 Ground surface elev. 977.8 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 ²	
									Eff#1	Eff#2
Ap	0-12	10 YR 3/2		SiL	2f-m gr	mvfr	as	3f-2m	.6	.8
Bt	12-35	10 YR 4/4		CL-SCL	2 f-m abk	mfi	cs	2f	.4	.6
2BC	35-54	10 YR 5/4		LS-Lfs	0sg-0m	ml-mfr	gw	--	.5	1.0
2C	54-84	10 YR 6/4		xgr coS	0 sg	ml	--	--	.5	.5

Boring
 Pit Boring # 5 Ground surface elev. 977.1 ft. Depth to limiting factor >96 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
Bt1	10-17	10 YR 5/4		SiCL	2 f-m abk	mfi	cs	2f-1m	.4	.6
Bt2	17-30	10 YR 4/4		CL	2 m abk	mfi	cs	1f	.4	.6
2Bt3	30-42	10 YR 3/4		gr CL	2 f abk	mfi	as	--	.4	.6
2C1	42-79	10 YR 6/4		coS-S	0 sg	ml	gw	--	.7	1.6
2C2	79-84	10 YR 6/3	c2d 7.5 YR 5/8	S	0 sg	ml	gw	--	.7	1.6
2C3	84-96	10 YR 6/4		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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