

SOIL EVALUATION REPORT

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	Dunn
Parcel I.D.	
Reviewed by	Date

Property Owner Chris Steinbach		Property Location Govt. Lot SE 1/4 NE 1/4 S 1 T 28 N R 13 E (or) W	
Property Owner's Mailing Address csteinbach@billsdist.com		Lot #	Block #
		-	-
		Subd. Name or CSM# Part of 2 acres	
City	State	Zip Code	Phone Number
Menomonie	WI	54751	(715) 308-3938
☐ City ☐ Village ☒ Town		Nearest Road Menomonie 525th / 520th street	

☒ New Construction Use ☒ Residential / Number of bedrooms 3 Code derived design flow rate 450 GPD

☐ Replacement ☐ Public or commercial - Describe: NA

Parent material Loess Flood Plain elevation if applicable NA ft.

General comments and recommendations: Install at-grade on the 100 contour,

P1 Boring # ☐ Boring ☒ Pit Ground surface elev. 101 ft. Depth to limiting factor 41 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	0-4	10yr3/3	-	sil	2fgr	mvfr	cs	2f	.6	.8
2	4-15	10yr3/2	-	sil	2fsbk	mvfr	gs	1f	.6	.8
3	15-26	7.5yr4/5	-	sil	2msbk	mvfr	gs	1f	.6	.8
4	26-41	7.5yr4/6	-	sil	1msbk	mvfr	-	1f	.4	.6
5	41-48	7.5yr4/6	c2p5yr,10yr6/2	sil	0	-	-	-	-	-

p2 Boring # ☐ Boring ☒ Pit Ground surface elev. 100 ft. Depth to limiting factor 36 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	0-4	10yr3/3	-	sil	2fgr	mvfr	cs	2f	.6	.8
2	4-12	10yr3/2	-	sil	2fsbk	mvfr	gs	2f/1m	.6	.8
3	12-27	10yr4/4	-	sil	2msbc	mvfr	gs	1f	.6	.8
4	27-36	7.5yr6/4	-	sil	1msbk	mvfr	gs	1f	.4	.6
5	36-42	7.5yr6/4	c2p5yr,10yr6/2	sil	0	-	-	-	-	-

* 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) Lewis Bjork	Signature 	CST Number 253976
Address E7818 County E Menomonie WI 54751	Date Evaluation Conducted 10-11-2017	Telephone Number 715-231-7375

Property Owner Chris Steinbach

Parcel ID # _____

Page 2 of 3

p3 Boring # ☒ Boring ☐ Pit Ground surface elev. 100 ft. Depth to limiting factor 36 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	0-5	10yr3/3	-	sil	2fgr	mvfr	cs	2f	.6	.8
2	5-13	10yr3/2	-	sil	2fsbk	mvfr	gs	2f	.6	.8
3	13-26	10yr4/4	-	sil	2msbk	mvfr	gs	1f	.6	.8
4	26-36	7.5yr6/4	-	sil	1msbk	mvfr	gs	1f	.4	.6
5	36-42	7.5yr6/4	c2p5yr,10yr6/2	sil	0	-	-	-	-	-

p4 Boring # ☒ Boring ☐ Pit Ground surface elev. 99.5 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
1	0-6	10yr3/3	-	sil	2fgr	mvfr	cs	2f	.6	.8
2	6-14	10yr3/2	-	sil	2fsbk	mvfr	cs	2f	.6	.8
3	14-28	10yr4/4	-	sil	2msbk	mvfr	cs	2f	.6	.8
4	28-37	7.5yr6/4	-	sil	1msbk	mvfr	cs	1f	.4	.6
5	37+		c2p5yr,10yr6/2	sil	0	-	-	-	-	-

☐ 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

The Department of Commerce is an equal opportunity service provider and employer. If you need assistance to access services or need material in an alternate format, please contact the department at 608-266-3151 or TTY 608-264-8777.

CHECK BOX AS APPLICABLE.

☒ **SOIL EVALUATION
SITE MAP**

PROJECT NAME:
Chris Steinbach

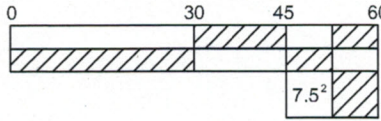
PROJECT ADDRESS: **525th street / Dunn County**

BM Symbol:  BM Elevation: **101.6** FT

BM Description: **top / NW lot corner pin**

Slope Gradient (%) of Tested Area: **2** Well Symbol (if applicable): 

Scale: 1" = 30'



Indicate north by
drawing an arrow
on the appropriate line.

CHECK BOX AS APPLICABLE.

☒ **SYSTEM
PLOT PLAN**

PAGE 2 OF

DESIGN FLOW: **450** GPD

Attach design flow calculations for commercial plans.

Pipe Material / ASTM Standard (Tables 384.30-3 & 384.30-5)

Sanitary Sewer: **4** / **3034**

Force Main: **2** / **sch 40**

IMPORTANT:

Show ground elevation contours at suitable intervals.

520th street

**Back Pits / Bonny's
+ Red transit
PAT 2 ACRES**

Home Air

**BM
101.6**

206'

199.5'

99.5'

99'

99.5'

100'

100'

100'

100'

100'

100'

100'

100'

100'

100'

100'

100'

100'

100'

100'

100'

**OPEN
SOL**

99.5'

**100'
P-3**

P-2

100'

50'

101'

P-1

101'

P-1

101'

P-1

101'

P-1

101'

P-1

101'

P-1

101'

P-1

101'

No DBPS SET BACK ISSUES