



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

#8146

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Bates Soil & Water Testing Services, LLC

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	Sheboygan
Parcel I.D.	59018262310
Reviewed By	Date

Property Owner Winter Family Limited Partnership	Property Location Govt. Lot SE1/4, SW1/4, S19, T16N, R21E		
Property Owner's Mailing Address P.O. Box 397	Lot # 15	Block # 1	Subd. Name or CSM# Marsh View Heights
City Elkhart Lake	State WI	Zip Code 53020	Phone Number 920-377-0637
		<input type="checkbox"/> City <input type="checkbox"/> Village <input checked="" type="checkbox"/> Town	Nearest Road Rhine Lake View Drive

New Construction    Use:  Residential / Number of bedrooms 4    Code derived design flow rate 600 GPD  
 Replacement     Public or commercial - Describe: \_\_\_\_\_

Parent material Glacial Till    Flood plain elevation, if applicable NA ft.

General comments and recommendations: Suitable for a Dosed Conventional Septic System. See Site Plot Plan Notes.

**B1** Boring #  Boring  PIT    Ground surface elev. 101.2 ft.    Depth to limiting factor 80+ 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
A	0-11	7.5 YR 3/2	-	sil	2vf-fsbk	mvfr	as	2vf-f	0.6	0.8
B1	11-16	7.5 YR 4/4	-	cl	2vf-fsbk	mfr	cw	2vf-f	0.4	0.6
C	16-61	10 YR 5/4	-	l	1f-msbk	mvfr	gd	1vf-f	0.4	0.6
C 2	61-80	10 YR 5/4	-	l	0m	moist	-	-	0.2	0.5

15% gravel, cobbles and boulders in C horizons.

**B2** Boring #  Boring  PIT    Ground surface elev. 101.2' ft.    Depth to limiting factor 57 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
A	0-10	7.5 YR 3/2	-	sil	2vf-fsbk	mvfr	as	2vf-f	0.6	0.8
B1	10-14	7.5 YR 4/4	-	cl	2vf-fsbk	mfr	cw	2vf-f	0.4	0.6
C	14-57	10 YR 5/4	-	l	1f-msbk	mvfr	gd	1vf-f	0.4	0.6
C 2	57-80	10 YR 5/4	f1f 10 YR 5/6	l	0m	moist	-	-	0.2	0.5

10% gravel, cobbles and boulders in C horizons.

\* 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) Brian D. Bates, P.S.S.	Signature: 	CST Number 220381
Address Bates Soil & Water Testing Services, N1237 Country Crest Circle Hortonville, WI 54944	Date Evaluation Conducted 7/5/2017	Telephone Number 920-779-0000

SBD-8330 (R 07/00)

Property Owner Winter Family Limited Partnership Parcel ID # 59018262310

**B3** Boring #  Boring  Pit Ground surface elev. 102.8 ft. Depth to limiting factor 80+ 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
A	0-11	7.5 YR 3/2	-	sil	2vf-fsbk	mvfr	as	2vf-m	0.6	0.8
B	11-15	7.5 YR 4/4	-	cl	2vf-fsbk	mfr	cs	1vf-f	0.4	0.6
C	15-80	10 YR 4/4	-	l	1vf-fsbk	mvfr	-	1f	0.4	0.6
10% gravel, cobbles and boulders in C horizons.										

Boring #  Boring  Pit Ground surface elev. \_\_\_\_\_ ft. Depth to limiting factor \_\_\_\_\_ 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

Boring #  Boring  Pit Ground surface elev. \_\_\_\_\_ ft. Depth to limiting factor \_\_\_\_\_ 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

\* 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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# SITE PLOT PLAN

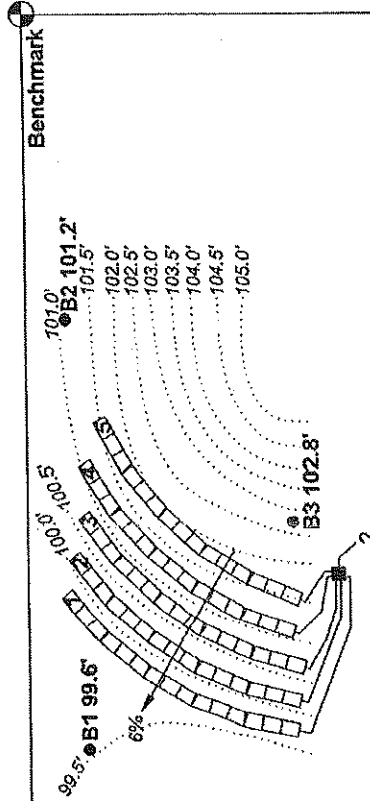
## WINTER FAMILY LIMITED PARTNERSHIP

P.O. Box 397, Elkhart Lake, WI 53020  
Phone: 920-377-0637  
SE 1/4, SW 1/4, Section 19, T16N, R21E  
Township of Rhine, Sheboygan County



## CEDAR VIEW DRIVE

## LAKE VIEW DRIVE



Suitable for a Dosed Conventional Septic System.  
For a 4-Bedroom Conventional Component, recommend  
75 Quick 4 Infiltrator Chambers. Maximum Depth for  
any Distribution Cell is 1.75' below grade. Cover Material  
will be required over the entire system.

Recommended Cell Elevations are:

- Cell 1: 98.8'
- Cell 2: 99.1'
- Cell 3: 99.6'
- Cell 4: 100.2'
- Cell 5: 100.8'

Parcel No. 59018262310  
Lot 15, Block 1  
Marsh View Heights

## Bates Soil & Water Testing Services, LLC.

N1237 Country Crest Circle, Hortonville, WI 54944 Phone: 920-779-0000

Brian D. Bates, PSS-140, D-1629, CST 220381  
Licensed Professional Soil Scientists/Designer  
Certified Soil Tester/Morphological Evaluator



Benchmark: Top of Large Iron  
Designated Elevation = 100.0'