SOIL EVALUATION REPORT

Wisconsin Department of Safety & Professional Services
Division of Safety and Buildings

in accordance with DSPS 385, 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.

County: **Manitowoc**

Parcel I.D.: 013-108-005-016.00

Reviewed by: Date:

Please print all information

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04(1)(m)).

Property Owner	Property Location
Mike Kurtzweil	Govt. Lot NE1/4,NW1/4,S.8,T.21N.-R.24E.

Property Owner's Mailing Address	Lot #	Block #	Subd. Name or CSM#
5629 CTH U		NA	

City	State	Zip Code	Phone Number	☐ City ☐ Village ☒ Town	Nearest Road
Newton	WI	53063	(920)901-9303	Mishicot	Kasmer Rd

☒ New Construction ☐ Replacement Use: ☒ Residential/Number of Bedrooms: 3 Code derived design flow rate: 450 GPD

☐ Public or commercial- Describe:

Parent Material: Glacial Till Flood Plain elevation if applicable: NA ft.

General comments and recommendations: Site is suitable for an In-Ground component within the tested area. Homeowner: Ensure that ALL excess waste water discharged from a water softener, iron/sulfur treatment device, and/or reverse osmosis unit is NOT connected to a sanitary sewer drain.

1

☐ Boring ☒ Pit Boring # Ground surface elev. 99.00 ft. Depth to limiting factor 67 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/ft2 *Eff#1	*Eff#2
A	0-5	10YR3/2	NONE	LFS	0SG	MFR	DS	3VF	0.5	1.0
Bs	5-15	7.5YR4/6	NONE	FS	0SG	MFR	DS	3M	0.5	1.0
Bs2	15-23	10YR5/6	NONE	FS	0SG	MFR	DS	3F	0.5	1.0
E	23-37	5YR5/4	NONE	FS	0SG	MFR	DS	3F	0.5	1.0
Bt	37-47	5YR4/4	NONE	GRSL	2VFGR	MFR	DS	1VF	0.6	1.0
2C	47-67	10YR5-6/4	NONE	*S	0SG	MFR	--	--	0.4	0.6

*Stratified very fine to medium sand

2

☐ Boring ☒ Pit Boring # Ground surface elev. 100.73 ft. Depth to limiting factor 72 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/ft2 *Eff#1	*Eff#2
A	0-5	10YR3/2	NONE	LFS	0SG	MFR	CS	3VF	0.5	1.0
Bs	5-12	7.5YR4/6	NONE	FS	0SG	MFR	CS	3M	0.5	1.0
Bs2	12-18	10YR5/6	NONE	S	0SG	MFR	CS	3F	0.7	1.6
E	18-25	10YR6/3	NONE	FS	0SG	MFR	CS	3F	0.5	1.0
Bt	25-32	5YR4/4	NONE	CL	2FSBK	MFR	CS	1VF	0.4	0.6
2C	32-72	10YR5-6/4	NONE	*S	0SG	MFR	--	--	0.4	0.6

* Effluent #1 = BOD5 > 30 <= 220 mg/L and TSS >30 <= 150 mg/L *Effluent #2=BOD5<=30mg/L and TSS<=30mg/L

CST Name (Please Print)	Signature	CST Number
JOE MAITLAND	Joe Maitland	223930

Address	Date Evaluation Conducted	Telephone Number
693 LAMERS-CLANCY RD. GREENLEAF, WI 54126	07/27/21	920 532-0016

Property Owner Mike Kurtzweil Parcel ID# 013-108-005-016.00 Page 2 of 3

3 Boring # [ ] Boring [X] Pit Ground surface elev. 101.58 ft. Depth to limiting factor 72 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/ft2 *Eff#1	*Eff#2
A	0-10	10YR3/2	NONE	LFS	0SG	MFR	CS	3VF	0.5	1.0
Bs	10-27	7.5YR4/6	NONE	FS	0SG	MFR	CS	3M	0.5	1.0
E	27-32	10YR6/3	NONE	FS	0SG	MFR	CS	3F	0.5	1.0
Bt	32-36	5YR4/4	NONE	GRSL	2VFGR	MFR	CS	3F	0.6	1.0
C	36-45	7.5YR5/4	NONE	SL	MSV	MFR	CS	1VF	0.2	0.6
2C	45-72	10YR5-6/4	NONE	*S	0SG	MFR	--	--	0.4	0.6

4 Boring # [X] Boring [ ] Pit Ground surface elev. 98.62 ft. Depth to limiting factor 67 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/ft2 *Eff#1	*Eff#2
A	0-5	10YR3/2	NONE	LFS	0SG	MFR	DS	3VF	0.5	1.0
Bs	5-15	7.5YR4/6	NONE	FS	0SG	MFR	DS	3M	0.5	1.0
Bs2	15-23	10YR5/6	NONE	FS	0SG	MFR	DS	3F	0.5	1.0
E	23-37	5YR5/4	NONE	FS	0SG	MFR	DS	3F	0.5	1.0
Bt	37-47	5YR4/4	NONE	GRSL	2VFGR	MFR	DS	1VF	0.6	1.0
2C	47-67	10YR5-6/4	NONE	*S	0SG	MFR	--	--	0.4	0.6

*Stratified very fine to medium sand

[ ] 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/ft2 *Eff#1	*Eff#2

* Effluent #1 = BOD5 > 30 <= 220 mg/L and TSS >30 <= 150 mg/L *Effluent #2=BOD5<=30mg/L and TSS<=30mg/L

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