Wisconsin DSPS
Division of Safety and Buildings

SOIL EVALUATION REPORT

in accordance with SPS 385, Wis. Adm. Code

Attach complete site plan on paper not less than 8 ½ 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	
Parcel I.D.: 055300A	
Reviewed by: Mark Finger, Dave Lindner	Date: 8/17/2016

Property Owner:	Property Location: ☒ ☐		
Gerald T. Thull	Govt. Lot SW ¼ S 20 NW ¼ S 29 T11N – R 20E (or) W		
Property Owner's Mailing Address: 350 Tower Dr	Lot # 15	Block #	Subd. Name or CSM # Thull
City: Saukville / State: WI / Zip Code: 53080 / Phone Number: ( ) -	☐ City: ☐ Village: ☒ Town: Trenton		Nearest Road: Maple Rd and Paradise Dr

☒ New Construction ☐ Replacement	Use ☒ Residential / Number of bedrooms: 4 ☐ Public or commercial – Describe:	Code derived design flow rate: 600 GPD
Parent material: Glacial Outwash		Flood Plain elevation if applicable: NA ft.
General comments and recommendations:	Site is suitable for an in-ground POWTS component with a soil loading rate of 0.5 gals/ft2/day Additional comments on Page 3	

221 Boring # — Boring

☒ Pit — Ground surface elev. 917.1 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/ft² Eff#1	GPD/ft² Eff#2
Ap	0-12	10YR 4/3	#	LFS	sg	lo	as	1f	0.5	1.0
Bs	12-21	7.5YR 5/4	#	LFS	sg	lo	cw	1f	0.5	1.0
C1	21-34	7.5YR 6/4	#	FS	sg	lo	cw	-	0.5	1.0
C2	34-72	7.5YR 6/4	#	FS	sg	lo	-	-	0.5	1.0

222 Boring # — Boring

☒ Pit — Ground surface elev. 917.8 ft. — Depth to limiting factor 73 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/ft² Eff#1	GPD/ft² Eff#2
Ap	0-14	10YR 4/3	#	LFS	sg	lo	as	1f	0.5	1.0
Bs	14-24	7.5YR 5/4	#	LFS	sg	lo	cw	1f	0.5	1.0
BC	24-35	7.5YR 6/4	#	FS	sg	lo	cw	-	0.5	1.0
C2	35-73	7.5YR 6/4	#	FS	sg	lo	-	-	0.5	1.0

* Effluent # 1 = BOD_5 > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L — * Effluent # 2 = BOD_5 ≤ 30 mg/L and TSS ≤ 30 mg/L

CST Name (Please Print): Dan Vander Leest	Signature: Dan Vander Leest	CST Number: 221049
Address: 824 Egg Harbor Road Sturgeon Bay, WI 54235	Date Evaluation Conducted: 8/17/16	Telephone Number: (920) 743 - 4708

223 Boring # ☐ Boring ☒ Pit Ground surface elev. 927.0 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/ft² Eff#1	GPD/ft² Eff#2
Ap	0-12	10YR 3/2	#	LFS	sg	lo	as	1f	0.5	1.0
AB	12-20	7.5YR 3/4	#	FS	sg	lo	cw	1f	0.5	1.0
Bs	20-30	7.5YR 4/4	#	FS	sg	lo	cw	1f	0.5	1.0
E	30-40	7.5YR 5/4	#	FS	sg	lo	gw	-	0.5	1.0
Bt	40-48	10YR 4/4	#	SCL	1m sbk	mfi	gw	-	0.2	0.3
C	48-80	7.5YR 6/4	#	FS	sg	lo	-	-	0.5	1.0

☐ 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/ft² Eff#1	GPD/ft² 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/ft² Eff#1	GPD/ft² Eff#2

* Effluent # 1 = BOD_5>30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

* Effluent # 2 = BOD_5≤ 30 mg/L and TSS ≤ 30 mg/L

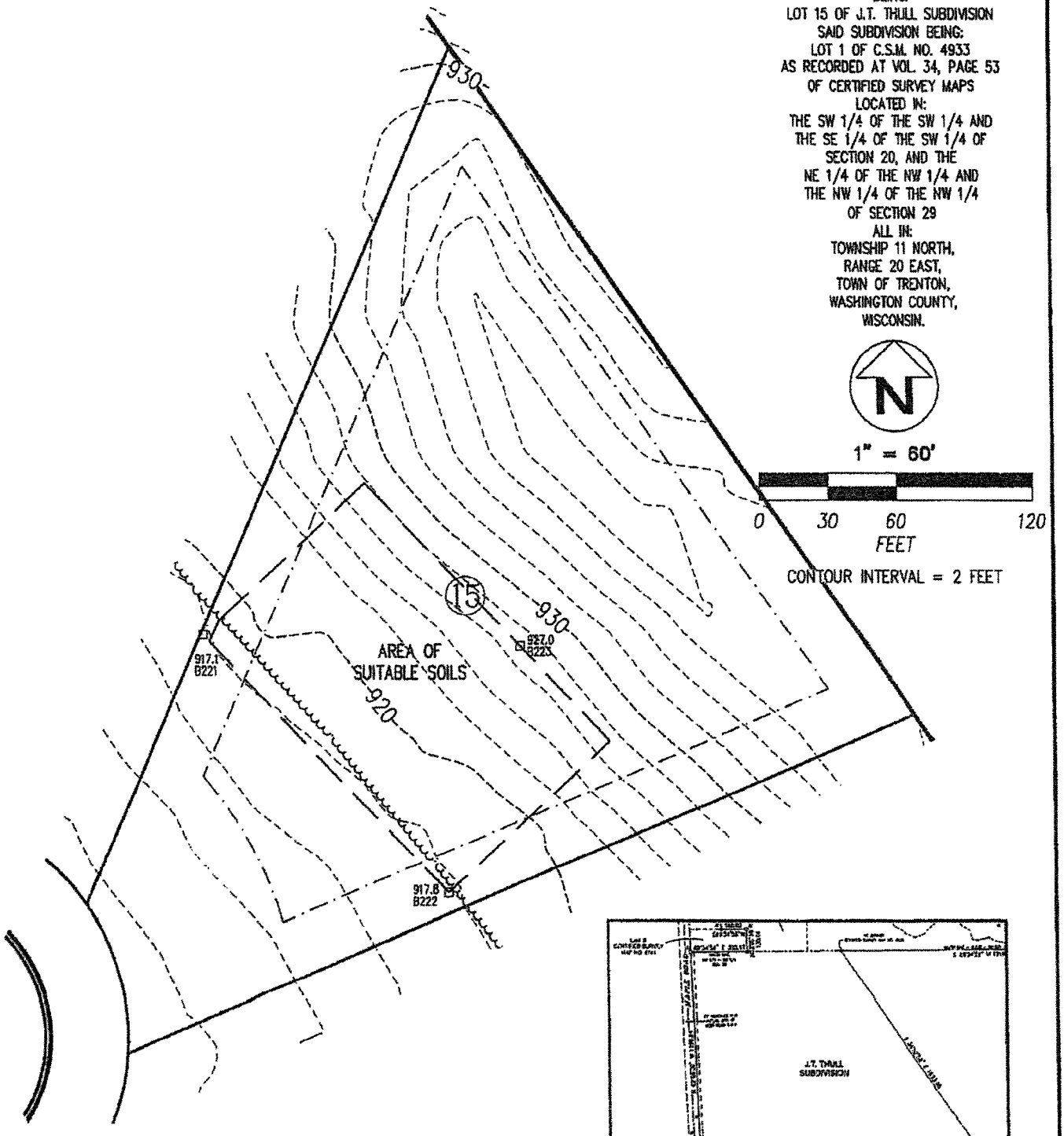
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Comments:

1) Locate dispersal components on convex slope positions.
2) Final grade areas to divert surface waters away from the dispersal components.
3) Dispersal areas located up slope of proposed dwelling may require a pump.
4) The planning of the surrounding wells must be determined prior to individual POWTS component designs to avoid set- backissues.
5) Keep system elevation at ~12-18"

Site Plan

BEING:
LOT 15 OF J.T. THULL SUBDIVISION
SAID SUBDIVISION BEING:
LOT 1 OF C.S.M. NO. 4933
AS RECORDED AT VOL. 34, PAGE 53
OF CERTIFIED SURVEY MAPS
LOCATED IN:
THE SW 1/4 OF THE SW 1/4 AND
THE SE 1/4 OF THE SW 1/4 OF
SECTION 20, AND THE
NE 1/4 OF THE NW 1/4 AND
THE NW 1/4 OF THE NW 1/4
OF SECTION 29
ALL IN:
TOWNSHIP 11 NORTH,
RANGE 20 EAST,
TOWN OF TRENTON,
WASHINGTON COUNTY,
WISCONSIN.



N

1" = 60'

0 30 60 120
FEET

CONTOUR INTERVAL = 2 FEET

CAD: \DVB\LDWG\THULL SEC 20 DESIGN 20077\DWG\077-DVL JOB NO. 20077

SHEET 1 OF 1 9-21-16