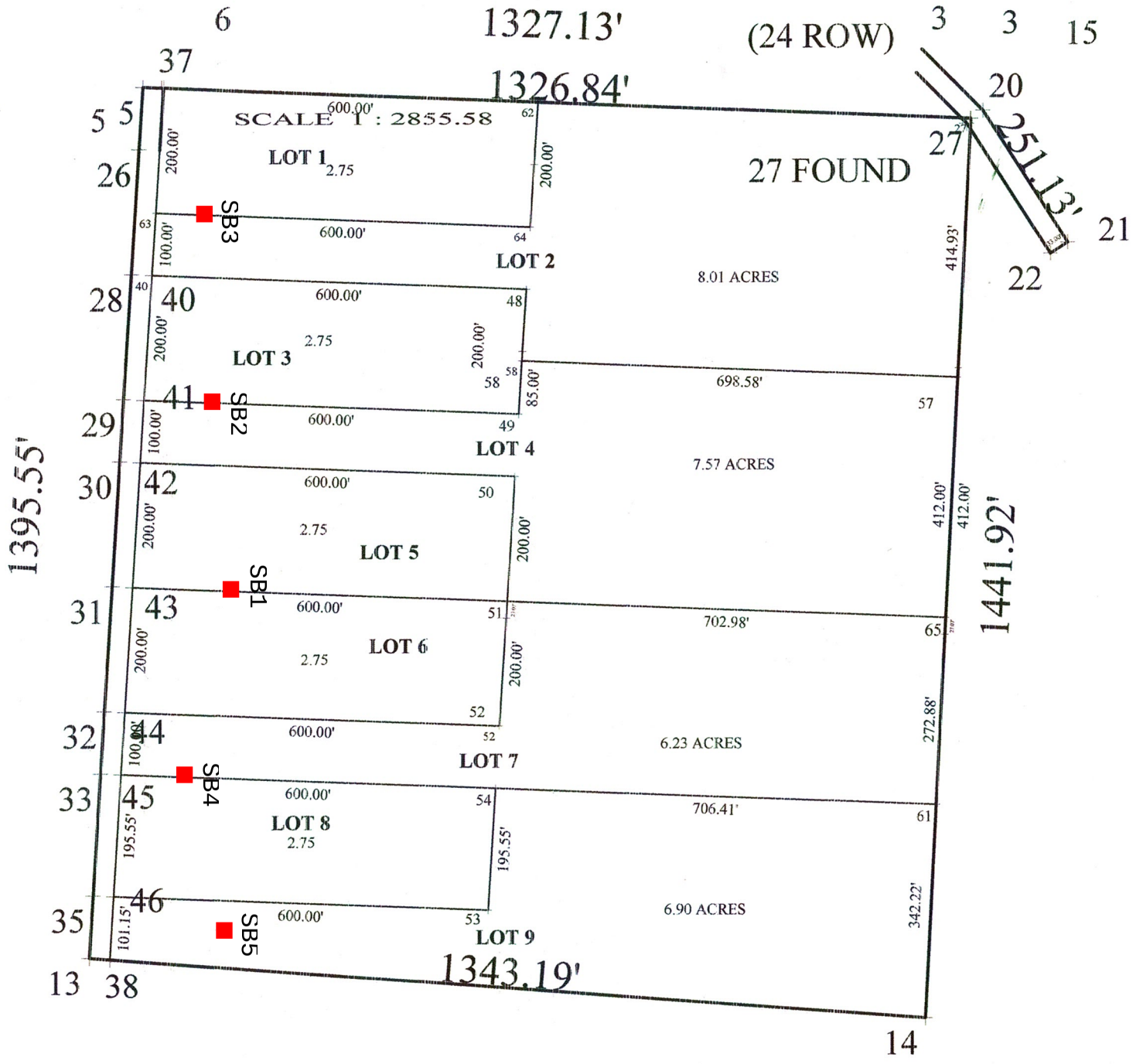

SCALE 1 : 2855.58
1327.13'
1326.84'
(24 ROW)
1395.55'
1441.92'
1343.19'
LOT 1
2.75
LOT 2
8.01 ACRES
LOT 3
2.75
LOT 4
7.57 ACRES
LOT 5
2.75
LOT 6
2.75
LOT 7
6.23 ACRES
LOT 8
2.75
LOT 9
6.90 ACRES
27 FOUND
251.13'
698.58'
702.98'
706.41'
SB1
SB2
SB3
SB4
SB5
AREAS DO NOT INCLUDE ROW

# SOIL EVALUATION REPORT

In accordance with SPS 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.

**Please print all information.**

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

| County | Parcel I.D. | Reviewed by | Date |
|---|---|---|---|
| MARINETTE | -- | | |

| Property Owner | Property Location |
|---|---|
| SECLUDED LAND CO LLC | ☒ ☐ Govt. Lot SW ¼ NE ¼ S 31 T 36 N R 20 E (or) W |

| Property Owner's Mailing Address | Lot # | Block # | Subd. Name or CSM# |
|---|---|---|---|
| P.O. BOX 10 | 1-9 | -- | PRE CSM |

| City | State | Zip Code | Phone Number | ☐ City | ☐ Village | ☒ Town | Nearest Road |
|---|---|---|---|---|---|---|---|
| DESOTO | WI | 54624 | ( ) | | | Beecher | French Road |

☒ New Construction Use: ☒ Residential / Number of bedrooms 2-3 Code derived design flow rate 300-450 GPD
☐ Replacement ☐ Public or commercial – Describe: _____

Parent material Eolian sand over Till Flood Plan elevation if applicable NA ft.

General comments and recommendations: Suggested component manual Conventional cell designs to utilize 650-1125 SqFt of area depending on the parel and depth of installation.

1 Boring # ☒ Boring ☐ Pit Ground surface elev. -- ft. Depth to limiting factor 75 in.

| Horizon | Depth In. | Dominant Color Munsell | Redox Description Qu. Az. Cont. Color | Texture | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | Soil Application Rate GPD/Ft² *Eff#1 | Soil Application Rate GPD/Ft² *Eff#2 |
|---|---|---|---|---|---|---|---|---|---|---|
| A | 0-6 | 10YR3/2 | -- | LFS | 2MGR | MFR | AS | 2M | .5 | 1.0 |
| Bw | 6-24 | 10YR4/6 | -- | FS | SG | MF | CW | 2F | .5 | 1.0 |
| C | 24-45 | 7.5YR5/4 | -- | FS | SG | ML | CW | 1F | .5 | 1.0 |
| C2 | 45-75 | 7.5YR5/4 | -- | FS/S | SG | ML | -- | -- | .5 | 1.0 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

2 Boring # ☒ Boring ☐ Pit Ground surface elev. -- ft. Depth to limiting factor 75 in.

| Horizon | Depth In. | Dominant Color Munsell | Redox Description Qu. Az. Cont. Color | Texture | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | Soil Application Rate GPD/Ft² *Eff#1 | Soil Application Rate GPD/Ft² *Eff#2 |
|---|---|---|---|---|---|---|---|---|---|---|
| A | 0-5 | 10YR3/2 | -- | LFS | 2MGR | MFR | AS | 2M | .5 | 1.0 |
| Bw | 5-25 | 10YR4/6 | -- | FS | SG | ML | CW | 2F | .5 | 1.0 |
| C | 25-48 | 7.5YR5/4 | -- | FS | SG | ML | CW | 1F | .5 | 1.0 |
| C2 | 48-75 | 7.5YR5/4 | -- | FS/S | SG | ML | -- | -- | .5 | 1.0 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

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

| CST Name (Please Print) | Signature | CST Number |
|---|---|---|
| JEFFREY L. ZAHM | | 109300002-SP |
| Address | Date Evaluation Conducted | Telephone Number |
| 6203 VANHULLE LANE, OCONTO, WI 54153 | September 16, 2025 | 920-373-1673 |

3 Boring # ☒ Boring ☐ Pit Ground surface elev. -- ft. Depth to limiting factor 75 in.

| Horizon | Depth In. | Dominant Color Munsell | Redox Description Qu. Az. Cont. Color | Texture | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | Soil Application Rate GPD/Ft² | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | *Eff#1 | *Eff#2 |
| A | 0-6 | 10YR3/2 | -- | LFS | 2MGR | MFR | AS | 2M | .5 | 1.0 |
| Bs | 6-32 | 7.5YR4/6 | -- | FS | SG | ML | CW | 1F | .5 | 1.0 |
| E' | 32-38 | 7.5YR6/2 | -- | SL | 2MSBK | MFR | CW | 1F | .6 | 1.0 |
| Bt | 38-45 | 5YR4/4 | -- | SL | 2MSBK | MFR | CW | 1F | .6 | 1.0 |
| C | 45-75 | 7.5YR6/4 | -- | GRFS/ SL | MSV | MFR | -- | -- | .5 | 1.0 |
| | | | | | | | | | | |
| | | | | | | | | | | |

4 Boring # ☒ Boring ☐ Pit Ground surface elev. -- ft. Depth to limiting factor 75 in.

| Horizon | Depth In. | Dominant Color Munsell | Redox Description Qu. Az. Cont. Color | Texture | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | Soil Application Rate GPD/Ft² | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | *Eff#1 | *Eff#2 |
| Ap | 0-10 | 10YR3/2 | -- | LFS | 2MGR | MFR | AS | 2M | .5 | 1.0 |
| Bs | 10-32 | 7.5YR4/6 | -- | FS | SG | ML | CW | 2F | .5 | 1.0 |
| E' | 32-47 | 7.5YR6/2 | -- | SL | 2MSBK | MFR | CW | 2F | .6 | 1.0 |
| Bt | 47-54 | 5YR4/4 | -- | SL | 2MSBK | MFR | CW | 2F | .6 | 1.0 |
| C | 54-75 | 7.5YR5/4 | -- | GRFS | SG | ML | -- | -- | .5 | 1.0 |
| | | | | | | | | | | |
| | | | | | | | | | | |

5 Boring # ☒ Boring ☐ Pit Ground surface elev. -- ft. Depth to limiting factor 65 in.

| Horizon | Depth In. | Dominant Color Munsell | Redox Description Qu. Az. Cont. Color | Texture | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | Soil Application Rate GPD/Ft² | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | *Eff#1 | *Eff#2 |
| A | 0-6 | 10YR3/2 | -- | FSL | 2MGR | MFR | AS | 2M | .4 | .8 |
| E | 6-19 | 7.5YR6/2 | -- | FSL | 2MSBK | MFR | CW | 2F | .4 | .8 |
| E/Bt | 19-32 | 7.5YR6/2 &4/4 | -- | GRSL | 2MSBK | MFR | CW | 2F | .6 | 1.0 |
| Bt | 32-45 | 5YR4/4 | -- | GRSL | 2MSBK | MFR | CW | 2F | .6 | 1.0 |
| C | 45-65 | 7.5YR6/4 | -- | GRSL | MSV | MFR | -- | -- | .2 | .6 |
| | | | | | | | | | | |
| | | | | | | | | | | |

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

* Effluent #2 = BOD, > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

PRELIMINARY SOIL AND SITE EVALUATION
PIKE RIVER WOODS
SW, NE, Sec. 31, T36N, R20E
TOWN OF BEECHER, MARINETTE COUNTY, WISCONSIN

TO: Secluded Land Co LLC
P.O. Box 10
DeSoto, WI 54624

Date: September 14, 2025

RE: Preliminary Soil and Site Evaluation Test Borings were conducted for the above mentioned CSM lots pertaining to the soil suitability of the placement of POWTS (Privately Owned Wastewater Systems) the property will sustain.

Dear Paul:

The 9 above CSM lots were evaluated to verify soil suitability for the placement of POWTS. The POWTS are to possibly serve one and two family dwellings. The following report will give a general description of the lots and overview of the topography and vegetation present.

Topography:

Soils in the test areas were formed from Eolian sand deposits over glacial Till on Ridge tops and Ground Moraines. The slope classification in the test areas was in the gentle to moderate classification with some of the test areas being nearly level. The lots are located in a wooded tract of land being composed primarily of Pine, Oak and Popple trees with the natural regrowth consisting of Pine and Popple. The variety of tree species present species which grow best in sandy somewhat well drained to excessively well drained soils. The tree species in the valleys and waterways are species which grow best in heavy somewhat poorly drained soil types and these areas should be avoided. The soil pits were conducted on the Ridges and flats where possible and not in the drainage ways or low lying areas.

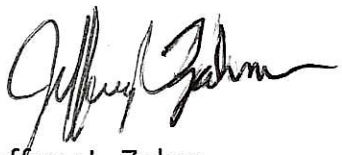
Conclusion:

All of the above parcels have soils suitable for the placement of POWTS on the property. The POWTS for all the parcels should utilize Conventional type adsorption systems. The system cells shall be designed to lie on the land contour and not in drainage ways or basins which can collect surface runoff. The Conventional type systems shall be designed to utilize a .4-.7 Loading Rate depending on the depth in the profile they are to be installed. The parcels have enough acreage for the placement of a dwelling and a POWTS on them. Actual Soil and site evaluation reports will need to be conducted prior to the issuance of sanitary permits and building permits.

It appears at the time this preliminary was conducted that all the parcels (Parcel # 1-9) will sustain some type of Conventional system. The use of Holding Tanks will not be required on any of the parcels in question.

If you have any questions regarding this report please feel free to contact Zahm Soil Testing (920-373-1673).

Cordially,



Jeffrey L. Zahm
CSTM # 223240