



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: Racine
Parcel I.D.: 194-03-21-01-006-050
Reviewed by:
Date:

Property Owner: Chad W Thur & Amy S Thur
Property Location: Govt. Lot SW 1/4 SW 1/4 S 1 T 3 N R 21
Property Owner's Mailing Address: 14700 50th Road
City: Sturtevant, State: WI, Zip Code: 53177, Nearest Road: 50th Road

Use: [X] New Construction, [] Replacement
Residential / Number of bedrooms: Unknown
Code derived design flow rate: ---- GPD
Parent material: Glacial Till
Flood Plan elevation if applicable: ---- ft.
General comments and recommendations: Proposed Mound Site Established
Site Suitable For: [] Conventional, [] At-Grade, [X] Mound, [] Holding Tank, []

1 Boring # [] Boring [X] Pit
Ground surface elev. 728.66 ft
Depth to limiting factor 19 in. / elev. 727.08 ft.

Table with 11 columns: Horizon, Depth In., Dominant Color Munsell, Redox Description Qu. Az. Cont. Color, Texture, Structure Gr. Sz. Sh., Consistence, Boundary, Roots, GPD/Ft^2 (Eff#1, Eff#2). Rows 1-4.

2 Boring # [] Boring [X] Pit
Ground surface elev. 728.86 ft
Depth to limiting factor 20 in. / elev. 727.2 ft.

Table with 11 columns: Horizon, Depth In., Dominant Color Munsell, Redox Description Qu. Az. Cont. Color, Texture, Structure Gr. Sz. Sh., Consistence, Boundary, Roots, GPD/Ft^2 (Eff#1, Eff#2). Rows 1-3.

CST Name (Please Print): Logan Mohr
Signature: Logan Mohr
CST Number: 1410637
Address: W4644 Pine Creek Drive Elkhorn WI 53121
Date Evaluation Conducted: 7/19/2024
Telephone Number: 262 495 7004

* 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

3 Boring # Boring Pit Ground surface elev. 729.26 ft. Depth to limiting factor 20 in. / elev. 727.6 ft.

| Horizon | Depth In. | Dominant Color Munsell | Redox Description Qu. Az. Cont. Color | Texture | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | Soil Application Rate | |
|---------|-----------|------------------------|---------------------------------------|---------|-----------------------|-------------|----------|-------|-----------------------|--------|
| | | | | | | | | | GPD/Ft ² | |
| | | | | | | | | | *Eff#1 | *Eff#2 |
| 1 | 0-15 | 10yr3/2 | ----- | SiCL | 2fsbk | Mfr | AS | 1F | 0.4 | 0.6 |
| 2 | 15-20 | 10yr4/4 | ----- | CL | 2msbk | Mfr | CS | 1VF | 0.4 | 0.6 |
| 3 | 20-23 | 10yr4/4 | f2f10yr5/6 | CL | 1fsbk | Mfr | GW | --- | 0.2 | 0.3 |
| 4 | 23-32 | 10yr5/4 | c2d10yr 5/6 6/8 | SL | 0M | Mfr | ----- | ----- | 0.2 | 0.6 |
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4 Boring # Boring Pit Ground surface elev. ___ft Depth to limiting factor ___in. / elev. ___ft.

| Horizon | Depth In. | Dominant Color Munsell | Redox Description Qu. Az. Cont. Color | Texture | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | Soil Application Rate | |
|---------|-----------|------------------------|---------------------------------------|---------|-----------------------|-------------|----------|-------|-----------------------|--------|
| | | | | | | | | | GPD/Ft ² | |
| | | | | | | | | | *Eff#1 | *Eff#2 |
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5 Boring # Boring Pit Ground surface elev. ___ft Depth to limiting factor ___in. / elev. ___ft.

| Horizon | Depth In. | Dominant Color Munsell | Redox Description Qu. Az. Cont. Color | Texture | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | Soil Application Rate | |
|---------|-----------|------------------------|---------------------------------------|---------|-----------------------|-------------|----------|-------|-----------------------|--------|
| | | | | | | | | | GPD/Ft ² | |
| | | | | | | | | | *Eff#1 | *Eff#2 |
| | | | | | | | | | | |
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* 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



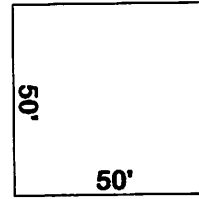
SCALE
1" = 50'



Logan Mohr

BENCHMARK = 728.46'
Top of Rebar for Survey Marker

PROPERTY OWNER
CHAD W THUR
AMY S THUR
14700 50TH RD
STURTEVANT, WI 53177-0000

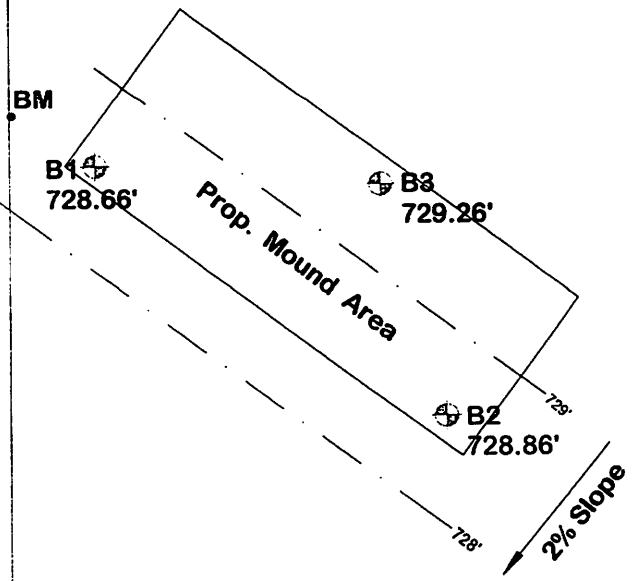


LOCATION
194-03-21-01-006-050
SW, SW 1-3N-21E
Village of Yorkville
Racine County



1140'

1140'



390.01'

50th Road