



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)).

Property Owner JE ACRES LLC (Joey Heneghan)				Property Location Govt. Lot SE 1/4 SE 1/4 S6 T5 N R 12 ☒ E (or) W ☐			
Property Owner's Mailing Address 4204 Bannon Road				Site Address or CSM and Lot #: Vacant 12 acre parcel on US HWY 51			
City Marshall	State WI	Zip Code 53559	Phone Number 317-691-4347	☐ City	☐ Village	☒ Town	Nearest Road site west of 338 Hwy 51

☒ New Construction	Use: ☒ Residential / Number of bedrooms 4	Code derived designflow rate 600 GPD
☐ Replacement	☐ Public or commercial – Describe: _____	Flood Plan elevation if applicable N/A ft.
Parent material Loess over Glacial Deposits		
General comments and recommendations: Suitable for MOUND SYSTEM as shown. Soil Loading Rate = 0.6.		

1	Boring #	☐ Boring	100.11	14	98.9
		☒ 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
1	0-8	10YR 3/2	none	sil	2msbk	mfr	cs	2f	0.6	0.8
2	8-14	10YR 4/4	none	cl	2msbk	mfr	cs	1f	0.4	0.6
3	14-34	10YR 4/4	c2d 10YR 5/8 & 6/1	cl	2msbk	mfr	—	1f	0.4	0.6

2	Boring #	☐ Boring	99.9	28	97.6
		☒ 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
1	0-12	10YR 3/2	none	sil	2msbk	mfr	cs	2f	0.6	0.8
2	12-19	10YR 4/3	none	sicl	2msbk	mfr	cs	1f	0.4	0.6
3	19-28	10YR 4/4	none	cl	2msbk	mfr	cs	1f	0.4	0.6
4	28-36	10YR 4/4	c2d 10YR 5/8 & 6/1	cl	0m	mfi	—	—	0.0	0.0

CST Name (Please Print) Richard C. Herro, Rick Herro Soil Testing LLC	Signature <i>Richard C. Herro</i>	CST Number 71536
Address 603 Dewey Avenue, Jefferson, WI 53549	Date Evaluation Conducted 5-22-2024	Telephone Number 920-650-6788. Email: rherro54@gmail.com

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

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

SBD-8330 (R04/21)

3

Boring #

☐ Boring
☒ Pit

100.7

Ground surface elev. _____ ft.

18

Depth to limiting factor _____ in. / elev. _____ ft.

99.2

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	0-8	10YR 3/2	none	sil	2msbk	mfr	cs	2f	0.6	0.8
2	8-18	10YR 4/4	none	cl	2msbk	mfr	cs	1f	0.4	0.6
3	18-32	10YR 4/4	c2d 10YR 5/8 & 6/1	cl	2msbk	mfr	—	1f	0.4	0.6

4

Boring #

☐ Boring
☒ Pit

N/A

Ground surface elev. _____ ft.

10

Depth to limiting factor _____ in. / elev. _____ ft.

N/A

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
			This soil pit							
			does not comply							
			with "A" + 4" Rule							
1	0-10	10YR 3/2	none	sil	2msbk	mfr	cs	2m	0.6	0.8
2	10-30	10YR 4/4	m3p 10YR 5/8 & 6/1	cl	0m	mfi	—	2f	0.0	0.0

Boring #

☐ Boring
☒ Pit

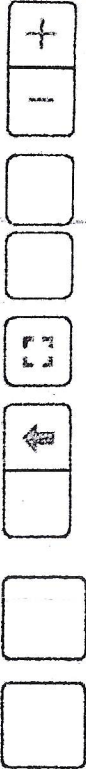
Ground surface elev. _____ ft.

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

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

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



051206496603



Show search results for 05120...

NORTH

Ramsey Rd

906 ft

853 ft

874 ft

US HWY 51

51

338 US HWY 51

JE ACRES LLC
12.0 ACRES
SE 1/4 SE 1/4 SECTION 6, T5N, R12E,
TOWN OF ALBION, DANE COUNTY, WI.

600ft



DCiMap

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051206496603



Show search results for 05120...

NORTH



E2Kg

MOUND SYSTEM SITE

BENCHMARK

E1Ka

871 ft

E1Ha

DNR
WETLANDS

PARCEL # 0512-064-9660-3

SHEDS ON
ADJOINING
LOT AT
338 US HWY 51

51 US HWY 51

870 ft

51

E1K

869 ft

300ft

F

unity Maps Contributors, County of Dan...

CHECK BOX AS APPLICABLE.

☒ SOIL EVALUATION
SITE MAP

PROJECT NAME:

JE ACRES LLC (JOEY HENEGHAN)

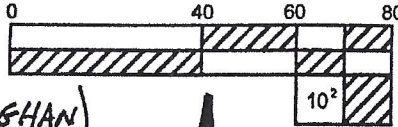
PROJECT ADDRESS: US HWY 51

BM Symbol: BM Elevation: 100.0 FT

BM Description: TOP OF IRON PIPE

Slope Gradient (%) of Tested Area: 2% Well Symbol (if applicable):

Scale: 1" = 40'



Indicate north by drawing an arrow on the appropriate line.

CHECK BOX AS APPLICABLE.

☐ SYSTEM
PLOT PLAN

PAGE 5 OF 5

DESIGN FLOW: 600 GPD

Attach design flow calculations for commercial plans.

Pipe Material / ASTM Standard (Tables 384.30-3 & 384.30-5)

Sanitary Sewer: _____ / _____

Force Main: _____ / _____

IMPORTANT:

Show ground elevation contours at suitable intervals.

PARCEL # 0512-064-9660-3

12.0 ACRES

B-1

MOUND SYSTEM SITE

LOT LINES

B-3

B-2

2%

100.0'

100.4'

100.7

BENCHMARK: EL = 100.0' AT TOP OF
IRON PIPE (9" ABOVE GROUND)

LOT LINES

300'

B-4

NOTE: Mound system site & area 15 feet downslope must be protected in its natural condition. Soil compaction, disturbance, excavation, filling, or vehicular traffic is not allowed.

Richard C. Herro

RICHARD C. HERRO CST-71536

5-22-2024

