Wisconsin Department of Safety and Professional Services
Division of Industry Services

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: Dunn
Parcel I.D.:
Reviewed by: Date:

Property Owner: Naco Vivas
Property Owner's Mailing Address:
City: State: Zip Code: Phone Number:

Property Location: Govt. Lot NE ¼ NW ¼ S 22 T 30 N R 13 ☐ E (or) ☒ W
Lot # 2 Block # Subd. Name or CSM# 7 Acre Parcel
☐ City ☐ Village ☒ Town Hay River Nearest Road Cty F

☒ New Construction Use: ☒ Residential / Number of bedrooms 3 Code derived design flow rate 450 GPD
☐ Replacement ☐ Public or commercial – Describe:
Parent material glacial till
Flood Plain elevation if applicable NA ft. unknown
General comments and recommendations:
recommend 2-80 trenches ~ 30" below grade, load 7 .06 due to bands + fs inclusions
will need lift station as house is in lower area

Boring # 1 ☐ Boring ☒ Pit Ground surface elev. 1012 ft. Depth to limiting factor 24 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
1	0-9	7.5YR 4/3	NONE	sl	1msbk	mfr	as	3c	0.4	0.7
2	9-20	7.5YR 4/4		sl	1msbk	mfr	as	2c	0.4	0.7
3	20-30	7.5YR 5/4		ls	0	ml	gs	2c	0.4	0.7
4	30-48	7.5YR 5/6		s	0	ml	gw	2f	0.7	1.6
bands		7.5YR 4/6		lsgr	0	ml	gw	—	0.7	1.6
6	48-74	10YR 6/6		s	0	ml	—	—	0.7	1.6
thin bands		10YR 3/6		ls	0	ml	—	—	0.7	1.6
									0.7	1.6

with fine sand inclusions throughout

Boring # 2 ☒ Boring ☐ Pit Ground surface elev. 1008 ft. Depth to limiting factor 66 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
1	0-10	7.5YR 4/3	NONE	sl						
2	10-20	7.5YR 4/4		sl						
3	20-36	7.5YR 4/6		ls w/gravel						
4	36-50	7.5YR 6/8		s						
5	50-60	10YR 6/8		s	with thin 7.5YR 4/6 ls bands					
6	60-66	10YR 4/4		ls						
7	66-72	7.5YR 5/4	c2f 7.5YR 5/8	fls						

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

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

CST Name (Please Print) | Signature: William L Heidt | CST Number: 227872
Address: Will Heidt Soil Testing, W3503 Hemlock Road, Mondovi, WI 54755, (715) 579-9584 | Date Evaluation Conducted: June 1 2023 | Telephone Number: 579-9580

3 Boring # ☒ Boring ☐ Pit Ground surface elev 997 ft. Depth to limiting factor 66 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
1	0-10	7.5YR 4/3	NONE	SL						
2	10-20	7.5YR 4/4		SL						
3	20-35	7.5YR 4/6		LS w/gravel						
4	35-56	7.5YR 5/6		S	few 10YR 3/6 lg bands					
5	56-74	10YR 6/6		S	"	"	"			
					with fine sand inclusions throughout					
					Load or less					

☐ Boring # ☐ Boring ☐ Pit Ground surface elev. ____ ft. Depth to limiting factor ____ in.

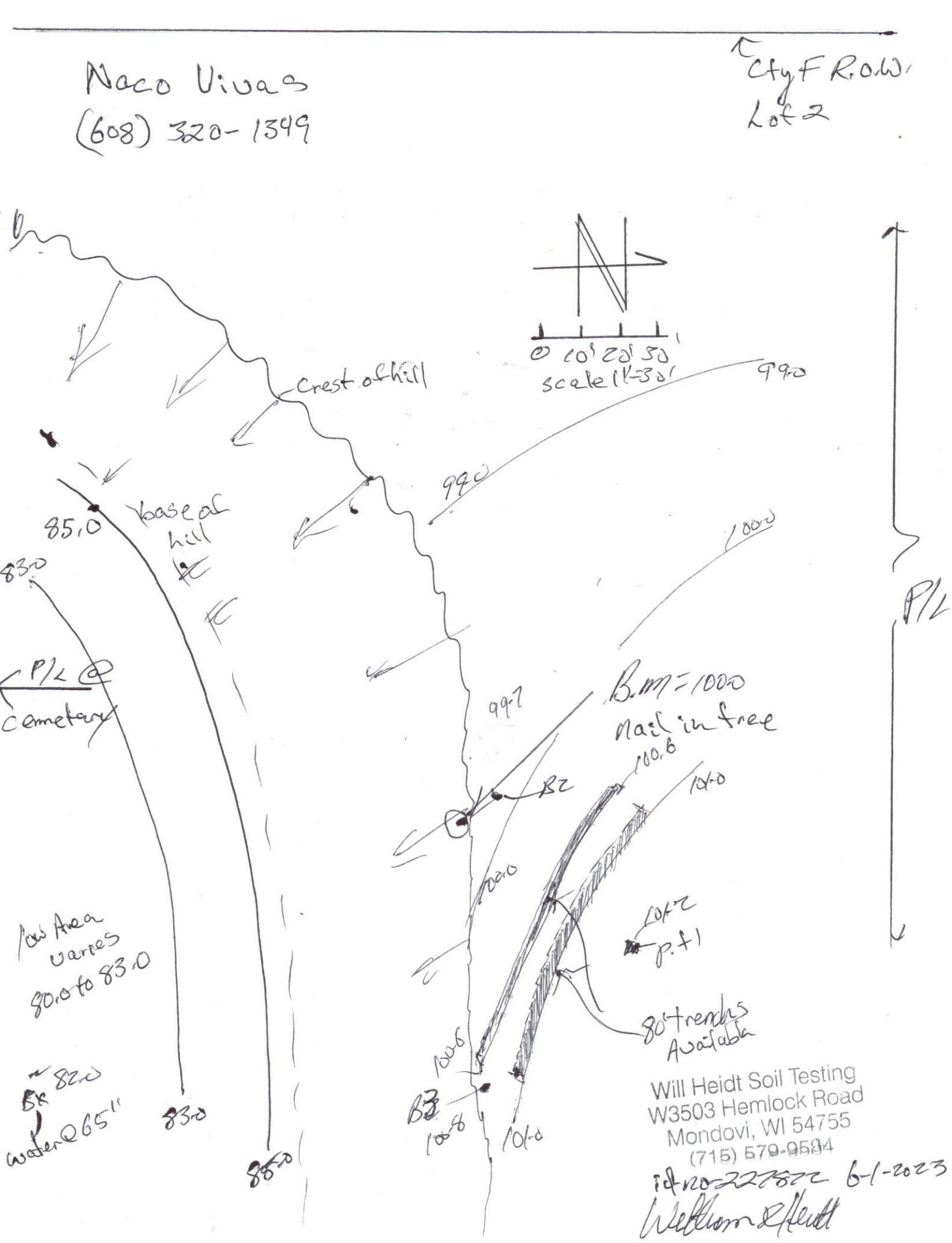
Horizon	Depth In.	Dominant Color Munsell	Redox Description Qu. Az. Cont. Color	Texture	Structure Gr. Sz. Sh.	Consistence	Boundary	Roots	Soil Application Rate GPD/Ft² *Eff#1	*Eff#2

☐ Boring # ☐ Boring ☐ Pit Ground surface elev. ____ ft. Depth to limiting factor ____ 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

* 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

Naco Vivas
(608) 320-1349



Will Heidt Soil Testing
W3503 Hemlock Road
Mondovi, WI 54755
(715) 579-9594

id no 22752 6-1-2023

William R Heidt