Well Construction Report
WISCONSIN UNIQUE WELL NUMBER ZA245

Drinking Water and Groundwater - DG/5
Department of Natural Resources, Box 7921
Madison WI 53707

Form 3300-077A

Property Owner: LEDVINA, MATT			Phone #
Mailing Address: 1173 LAKEWOOD DR S			
City: MAPLEWOOD	State: MN	Zip Code: 55119	
County: St. Croix	Co. Permit #:	Notification #: 8557020501	Completed: 10-14-2021

Well Constructor (Business Name): MANTYLA WELL DRILLING INC	Lic. #: 62	Facility ID # (Public Wells):	
Address: 1392 ST CROIX TRAIL N LAKELAND MN 55043-0797		Well Plan Approval #:	Approval Date (mm-dd-yyyy):
Hicap Permanent Well #:	Common Well #:	Specific Capacity: 0.5	

1. Well Location

Town of SOMERSET					Fire # (if avail.): 1816	
Street Address or Road Name and Number: 1816 45TH ST						
Subdivision Name:				Lot #: 5	Block #:	
Latitude / Longitude in Decimal Degree (DD): 45.1246 °N -92.7238 °W					Method Code: GPS008	
SE or Govt Lot #:	SW: 5	Section: 33	Township: 31 N	Range: 19 W		

2. Well Type New Well
of previous unique well # constructed in
Reason for replaced or reconstructed well ?
Construction Type: Drilled

3. Well serves 1 # of HOME
Private,potable
Heat Exchange____# of drillholes

Hicap Well ? No
Hicap Property ? No
Hicap Potable ? No

4. Potential Contamination Sources - ON REVERSE SIDE

5. Drillhole Dimensions and Construction Method

Dia. (in.)	From (ft.)	To (ft.)
10	Surface	164
6	164	220

Upper Enlarged Drillhole		Lower Open Bedrock
Yes	Rotary - Mud Circulation	No
No	Rotary - Air	No
No	Rotary - Air & Foam	No
No	Drill-Through Casing Hammer	
No	Reverse Rotary	
No	Cable-tool Bit ____in. dia...	No
No	Dual Rotary	No
No	Temp. Outer Casing ____in. dia	
No	Removed? ____depth ft. (If NO explain on back side)	

8. Geology

Geology Codes				Type, Caving/Noncaving, Color, Hardness, etc...	From (ft.)	To (ft.)
T	H	Y	Z	T-TAN/BROWN H-HARD/FIRM Y-SAND & GRAVEL Z-W/COBBLES/BOULDERS	Surface	43
T	M	C		T-TAN/BROWN M-MEDIUM C-CLAY	43	147
E	M	N		E-GREEN M-MEDIUM N-SANDSTONE	147	220

6. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6	STL. HW 18.97 A53	Surface	164
Dia. (in.)	Screen type, material & slot size	From (ft.)	To (ft.)

7. Grout or Other Sealing Material

Method PRESSURE TREMIE

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
NEAT CEMENT	Surface	164	48 S

9. Static Water Level
115 ft. below ground surface

10. Pump Test
Pumping level 157 ft. below surface
Pumping at 20 GP M for 2 Hrs.
Pumping Method ? Airlift

11. Well Is
16 in. above grade
Developed ? Yes
Disinfected ? Yes
Capped ? Yes

12. Notified Owner of need to fill & seal ? No
Filled & Sealed Well(s) as needed? No

13. Constructor / Supervisory Driller	Lic #	Date Signed
RT	5084	11-03-2021
Drill Rig Operator	Lic or Reg #	Date Signed
RL	7397	11-03-2021

4a. Potential Contamination Sources Is the well located in floodplain ? No

Type	Qualifier	Distance
Septic or Holding, or POWTS Tank		54

Comment:

Variance ID	Variance or Exception Type	Date	Reason
4163	Landfill Variance	12/17/2020	WITHIN 1200FT OF LANDFILL

Created On: 12-21-2021 Updated On: 03-30-2022 Review Status: APPROVED