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County Carver
Quad Watertown
Quad ID 106A

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031

Entry Date 11/22/2019
Update Date 06/05/2020
Received Date 10/23/2019

Well Name HEINRICH,	Township 117	Range 25	Dir W	Section 17	Subsection CBABDC	Well Depth 98 ft.	Depth Completed 96 ft.	Date Well Completed 10/14/2019
Elevation 971.1	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Bentonite		
Address Well 3385 RAIN AV WATERTOWN MN 55388						Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY 0 12 BROWN SOFT SAND 12 35 BROWN SOFT CLAY 35 40 GRAY SOFT SAND 40 55 BROWN SOFT CLAY & SAND 55 75 GRAY SOFT CLAY 75 85 GRAY SOFT SAND FINE/MED 85 96 BROWN SOFT CLAY 96 98 GRAY SOFT						Well Hydrofractured? Yes ☐ No ☒ From To		
						Casing Type Single casing Joint		
						Drive Shoe? Yes ☐ No ☒ Above/Below		
						Casing Diameter 4 in. To 86 ft. lbs./ft.		
						Hole Diameter 6.7 in. To 98 ft.		
						Open Hole From ft. To ft.		
						Screen? ☒ Type plastic Make BIG FOOT		
						Diameter 4 in. Slot/Gauze 12 Length 10 ft. Set 86 ft. 96 ft.		
						Static Water Level 40 ft. land surface Measure 10/09/2019		
						Pumping Level (below land surface) 55 ft. 2.5 hrs. Pumping at 14 g.p.m.		
Wellhead Completion Pitless adapter manufacturer BAKER SNAPPY Model BM8PL41U ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)								
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified Material Amount From To other 3 Sacks 80 ft. 97 ft. bentonite 5 Sacks ft. 80 ft.								
Nearest Known Source of Contamination 36 feet Southeast Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No								
Pump ☐ Not Installed Date Installed 10/14/2019 Manufacturer's name GOULDS Model Number HP 0.75 Volt 230 Length of drop pipe 60 ft Capacity 10 g.p. Typ Submersible								
Abandoned Does property have any not in use and not sealed well(s)? ☐ Yes ☒ No								
Variance Was a variance granted from the MDH for this well? ☐ Yes ☒ No								
Miscellaneous First Bedrock Aquifer Last Strat Depth to Bedrock ft Located by Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 431678 Y 4976754 Unique Number Verification Info/GPS from data Input Date 10/31/2019								
Angled Drill Hole								
Well Contractor Ingleside Engineering and 2106 VAN BEUSEKOM Licensee Business Lic. or Reg. No. Name of Driller								