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County Mille Lacs
Quad
Quad ID

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

Entry Date 03/23/2004
Update Date 05/13/2004
Received Date 10/24/2003

Well Name KAMPA,	Township 39	Range 27	Dir Section W 34	Subsection C	Well Depth 85 ft.	Depth Completed 79 ft.	Date Well Completed 09/08/2003
Elevation	Elev. Method				Drill Method Non-specified Rotary	Drill Fluid Bentonite	
Address					Use domestic	Status Active	
Well 19146 140TH AV MILACA MN 56353					Well Hydrofractured? Yes ☐ No ☐ From To		
Contact P.O. BOX 460 WAITE PARK MN 56387					Casing Type Single casing Joint		
Stratigraphy Information					Drive Shoe? Yes ☐ No ☐ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter Weight Hole Diameter	
CLAY		0	75	BROWN	MEDIUM	4 in. To 75 ft. 2.09 lbs./ft. 8 in. To 85 ft.	
SAND & GRAVEL		75	79	BROWN	SOFT		
CLAY		79	85	GRAY	MEDIUM		
					Open Hole From ft. To ft.		
					Screen? ☒ Type plastic Make JOHNSON		
					Diameter Slot/Gauze Length Set		
					4 in. 18 4 ft. 75 ft. 79 ft.		
					Static Water Level		
					23 ft. land surface Measure 09/08/2003		
					Pumping Level (below land surface)		
					79 ft. 1.5 hrs. Pumping at 20 g.p.m.		
					Wellhead Completion		
					Pitless adapter manufacturer MAASS Model 4J1		
					☐ 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		
					cuttings 50 ft. 65 ft.		
					high solids bentonite 6 Sacks ft. 50 ft.		
					Nearest Known Source of Contamination		
					feet Direction Type		
					Well disinfected upon completion? ☒ Yes ☐ No		
					Pump ☐ Not Installed Date Installed 10/02/2003		
					Manufacturer's name RED JACKET		
					Model Number 12G9 HP 0.5 Volt 230		
					Length of drop pipe 20 ft Capacity 12 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		
					Locate Method		
					System UTM - NAD83, Zone 15, Meters X Y		
					Unique Number Verification Input Date		
					Angled Drill Hole		
					Well Contractor		
					Traut, Mark J. Wells 73646 ROBBIE		
					Licensee Business Lic. or Reg. No. Name of Driller		
Remarks							