

140939

County Carlton
Quad Cloquet
Quad ID 224B

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

Entry Date 08/14/1991
Update Date 04/14/2014
Received Date

Well Name MCCLERMAN, 49 Township 17 Range W 11 Dir Section CAADBA Subsection					Well Depth 87 ft.		Depth Completed 87 ft.		Date Well Completed 08/16/1978	
Elevation 1299 Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid			
Address C/W 242 ENGLISH RD CLOQUET MN 55720					Use domestic		Status Active			
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND GRAVEL & CLAY 0 50 RED/BRN M.HARD CLAY SMALL GRAVEL 50 80 GRAY HARD GRAVEL 80 81 DK. BRN MEDIUM GRAVEL 81 87 BROWN HARD					Well Hydrofractured?		Yes ☐ No ☐		From To	
					Casing Type Single casing		Joint Threaded			
					Drive Shoe? Yes ☐ No ☐		Above/Below 2 ft.			
					Casing Diameter		Weight			
					in. To 87		ft. lbs./ft.			
					Open Hole		From 87 ft.		To 87 ft.	
					Screen? ☐		Type		Make	
					Static Water Level		20 ft.		land surface Measure 08/16/1978	
					Pumping Level (below land surface)		75 ft.		0.7 hrs. Pumping at 6 g.p.m.	
					Wellhead Completion		Pitless adapter manufacturer		Model	
☐ Casing Protection		☒ 12 in. above grade								
☐ At-grade (Environmental Wells and Borings ONLY)										
Grouting Information		Well Grouted?		☐ Yes ☒ No ☐ Not Specified						
Nearest Known Source of Contamination		100 feet		West Direction Type						
Well disinfected upon completion?		☒ Yes ☐ No								
Pump ☒ Not Installed		Date Installed								
Manufacturer's name										
Model Number		HP		Volt						
Length of drop pipe		ft		Capacity g.p. Typ						
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 Quat. buried								
Last Strat		gravel (+larger)-brown		Depth to Bedrock ft						
Located by		Minnesota Geological Survey								
Locate Method		Digitization (Screen) - Map (1:24,000) (15 meters or								
System		UTM - NAD83, Zone 15, Meters		X 541177 Y 5176626						
Unique Number Verification		Address verification		Input Date 07/18/2005						
Angled Drill Hole										
Well Contractor		Northeast Drilling 69246 CHAPMAN, R.								
Licensee Business		Lic. or Reg. No.		Name of Driller						