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County Hennepin
Quad Excelsior
Quad ID 105A

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

Entry Date 09/21/2010
Update Date 02/10/2016
Received Date 04/23/2010

Well Name KAUFMANN,					Township 117	Range 23	Dir W	Section 24	Subsection DACCCA	Well Depth 162 ft.					Depth Completed 162 ft.					Date Well Completed 03/10/2010									
Elevation 960 ft.					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary										Drill Fluid Bentonite									
Address C/W 19700 CHIMO ST W DEEPHAVEN MN 55391										Use domestic										Status Active									
Stratigraphy Information Geological Material From To (ft.) Color Hardness BLACK DIRT/ CLAY 0 18 YELLOW MEDIUM CLAY 18 60 GRAY MEDIUM SAND/CLAY 60 104 GRAY MEDIUM MEDIUM SAND 104 162 GRAY MEDIUM										Well Hydrofractured? Yes ☐ No ☒ From To																			
										Casing Type Single casing										Joint Welded									
										Drive Shoe? Yes ☐ No ☒ Above/Below																			
										Casing Diameter 4 in. To 159 ft.					Weight lbs./ft.					Hole Diameter 7 in. To 162 ft.									
										Open Hole From ft. To ft.																			
										Screen? ☒					Type stainless					Make JOHNSON									
										Diameter 4 in.					Slot/Gauze 12					Length 4 ft.					Set 158 ft. 162 ft.				
										Static Water Level 65 ft. top of casing										Measure 03/10/2010									
										Pumping Level (below land surface) ft. 3 hrs. Pumping at 20 g.p.m.																			
										Wellhead Completion Pitless adapter manufacturer BAKER Model SNAPPY ☐ 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 bentonite 4 Sacks ft. 60 ft.																													
Nearest Known Source of Contamination 50 feet Northwes Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																													
Pump ☐ Not Installed Date Installed 03/11/2010 Manufacturer's name GRUNDFOS Model Number 10S07-12 HP 0.75 Volt 230 Length of drop pipe 100 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 Quat. buried Last Strat sand-gray 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 458365 Y 4974698 Unique Number Verification Info/GPS from data Input Date 03/09/2010																													
Angled Drill Hole																													
Well Contractor EH Renner and Sons, Inc. 1431 PRAUGHT, V. Licensee Business Lic. or Reg. No. Name of Driller																													
Remarks REPLACEMENT WELL.																													