

566156

County Anoka
Quad Cedar
Quad ID 136D

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

Entry Date 07/23/1996
Update Date 08/18/2014
Received Date

Well Name Township Range Dir Section Subsection 33 24 W 12 AACCDD					Well Depth 250 ft.		Depth Completed 240 ft.		Date Well Completed 10/10/1995	
Elevation 922 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Cable Tool		Drill Fluid Bentonite			
Address Well 21870 COTTONWOOD ST NW OAK GROVE MN 55011					Use domestic				Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 20 BROWN SOFT CLAY 20 30 GRAY HARD SAND 30 51 GRAY HARD SAND 51 85 BROWN HARD CLAY 85 164 GRAY SFT-HRD SHALE 164 215 GREEN SOFT SHALE 215 225 YELLOW MEDIUM SHALE 225 240 BLUE MEDIUM SANDSTONE 240 250 GRAY HARD					Well Hydrofractured? Yes ☐ No ☐ From To					
					Casing Type Single casing Joint					
					Drive Shoe? Yes ☒ No ☐ Above/Below					
					Casing Diameter Weight Hole Diameter 4 in. To 182 ft. 10.79 lbs./ft. 6 in. To 10 ft. 4 in. To 240 ft.					
					Open Hole From 182 ft. To 240 ft.					
					Screen? ☐ Type Make					
					Static Water Level 15 ft. land surface Measure 09/21/1995					
					Pumping Level (below land surface) 25 ft. 3 hrs. Pumping at 50 g.p.m.					
					Wellhead Completion Pitless adapter manufacturer WHITEWATER Model WU4X512 ☐ 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 high solids bentonite 0 ft. 30 ft.					
Nearest Known Source of Contamination 80 feet South Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No										
Pump ☐ Not Installed Date Installed 10/10/1995 Manufacturer's name AERMOTOR Model Number S.D. 12-50 HP 0.5 Volt 230 Length of drop pipe 40 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 Tunnel City Group Aquifer Tunnel City- Last Strat Wonewoc Sandstone Depth to Bedrock 164 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 478840 Y 5023758 Unique Number Verification Information from Input Date 04/25/2002										
Angled Drill Hole										
Well Contractor Hadden Well Co. 02164 PITTMAN, H. Licensee Business Lic. or Reg. No. Name of Driller										
Remarks										