

517888

County Sherburne
Quad Orrock
Quad ID 137B

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

Entry Date 07/27/1993
Update Date 02/14/2014
Received Date

Well Name Township Range Dir Section Subsection 34 27 W 31 DDACCA					Well Depth 89 ft.		Depth Completed 89 ft.		Date Well Completed 04/15/1993	
Elevation 945 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid Additive (+ Bentonite)			
Address Well 22947 185TH ST BIG LAKE MN 56309					Use domestic		Status Active			
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 68 TAN SOFT CLAY TILL 68 87 BROWN MEDIUM SANDSTONE 87 89 GRAY SOFT					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 79 ft. lbs./ft.		6.7 in. To 79 ft.			
							4 in. To 89 ft.			
Open Hole From ft. To ft.										
Screen? ☒ Type slotted pipe Make CRESTLINE										
Diameter Slot/Gauze Length Set										
4 in. 12 10 ft. 79 ft. 89 ft.										
Static Water Level 25 ft. land surface Measure 04/15/1993										
Pumping Level (below land surface) 40 ft. 2.5 hrs. Pumping at 40 g.p.m.										
Wellhead Completion Pitless adapter manufacturer WHITEWATER Model 4XJ.5 ☐ 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 0 ft. 40 ft.										
neat cement 40 ft. 79 ft.										
Nearest Known Source of Contamination 75 feet Southeas Direction Septic tank/drain field Type										
Well disinfected upon completion? ☒ Yes ☐ No										
Pump ☐ Not Installed Date Installed 04/19/1993										
Manufacturer's name MYERS										
Model Number HP 0.5 Volt 230										
Length of drop pipe 40 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 Mt.Simon Sandstone Aquifer multiple Last Strat Mt.Simon Sandstone Depth to Bedrock 81 ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 442189 Y 5026312 Unique Number Verification Address verification Input Date 12/06/2010										
Angled Drill Hole										
Well Contractor Ruppert & Son 27086 RUPPERT, T. Licensee Business Lic. or Reg. No. Name of Driller										
Remarks										