

754312

County Hennepin
Quad Rockford
Quad ID 121C

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

Entry Date 04/06/2009
Update Date 02/14/2014
Received Date 02/17/2009

Well Name VAN					Township 118		Range 24		Dir Section W 1		Subsection DBDCBA		Well Depth 144 ft.			Depth Completed 144 ft.			Date Well Completed 01/09/2009			
Elevation 1023					Elev. Method		7.5 minute topographic map (+/- 5 feet)							Drill Method Non-specified Rotary			Drill Fluid Bentonite					
Address Well 5090 FERN DR LORETTO MN 55357														Use domestic			Status Active					
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY 0 20 YELLOW SOFT CLAY 20 46 GRAY MEDIUM CLAY & SAND 46 67 GRAY MEDIUM CLAY 67 100 GRAY MEDIUM CLAY & GRAVEL 100 115 GRAY MEDIUM SAND & GRAVEL 115 130 SOFT GRAVEL 130 144														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 134 ft.			lbs./ft.			6.7 in. To 144 ft.		
														Open Hole			From ft.			To ft.		
														Screen? ☒			Type plastic			Make JENNINGS		
														Diameter Slot/Gauze Length Set								
														4 in. 10 10 ft. 134 ft. 144 ft.								
														Static Water Level			120 ft. land surface			Measure		
Pumping Level (below land surface)														135 ft. 2 hrs. Pumping at 15 g.p.m.								
Wellhead Completion														Pitless adapter manufacturer MONITOR 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 3 Sacks 7 ft. 90 ft.																						
cuttings 90 ft. 120 ft.																						
Nearest Known Source of Contamination														70 feet South Direction Sewer Type								
Well disinfected upon completion? ☒ Yes ☐ No																						
Pump ☐ Not Installed Date Installed 12/22/2008																						
Manufacturer's name RED JACKET																						
Model Number HP 0.75 Volt 230																						
Length of drop pipe 140 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 Quat. buried								
Last Strat gravel (+larger) 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 448580 Y 4989325																						
Unique Number Verification Info/GPS from data Input Date 03/16/2009																						
Angled Drill Hole																						
Well Contractor														Ingleside Engineering and 2106 VANBEUSEKOM,B								
Licensee Business Lic. or Reg. No. Name of Driller																						
Remarks																						