

710103

County Washington
Quad Marine On
Quad ID 118A

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

Entry Date
Update Date 02/27/2014
Received Date 05/16/2005

Well Name HORN, DARYL	Township 31	Range 20	Dir Section W 29	Subsection DDBCAB	Well Depth 160 ft.	Depth Completed 160 ft.	Date Well Completed 05/05/2005					
Elevation 996 ft.	Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary				Drill Fluid Bentonite						
Address Well 12160 SQUARE LAKE CT N MN					Use domestic			Status Active				
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 30 BROWN SOFT CLAY 30 90 BROWN SOFT CLAY 90 135 GRAY SOFT SANDROCK 135 160 YELLOW MEDIUM					Well Hydrofractured? Yes ☐ No ☒ From To							
					Casing Type Single casing				Joint Welded			
					Drive Shoe? Yes ☒ No ☐				Above/Below			
					Casing Diameter 4 in. To 145 ft. 10.79 lbs./ft.				Hole Diameter 8 in. To 145 ft. 4 in. To 160 ft.			
					Open Hole From 145 ft. To 160 ft.							
					Screen? ☐ Type Make							
					Static Water Level 100 ft. land surface Measure 05/05/2005							
					Pumping Level (below land surface) 136 ft. 2 hrs. Pumping at 20 g.p.m.							
					Wellhead Completion Pitless adapter manufacturer MAASS Model 4J1 ☐ 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 neat cement 0 ft. ft.							
Nearest Known Source of Contamination 50 feet East Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No												
Pump ☐ Not Installed Date Installed 05/06/2005 Manufacturer's name GPM Model Number 10P071013 HP 0.75 Volt 230 Length of drop pipe 136 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 Prairie Du Chien-Jordan Aquifer Prairie Du Chien- Last Strat Prairie Du Chien-Jordan Depth to Bedrock 135 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 510986 Y 4998568 Unique Number Verification Address verification Input Date 01/14/2013												
Angled Drill Hole												
Well Contractor Mantyla Well Co. 82084 ZIELSDORF, K. Licensee Business Lic. or Reg. No. Name of Driller												