

756453

County Washington
Quad Stillwater
Quad ID 118D

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

Entry Date09/25/2008
Update Date03/03/2011
Received Date09/02/2008

Well Name MUELLER, Elevation 981 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)					Well Depth 170 ft.		Depth Completed 170 ft.		Date Well Completed 08/20/2008																								
Address Well 11589 110TH ST N STILLWATER MN 55082					Drill Method Driven		Drill Fluid Water																										
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SAND GRAVEL</td><td>0</td><td>130</td><td>VARIED</td><td>SFT-HRD</td></tr><tr><td>CLAY</td><td>130</td><td>153</td><td>BROWN</td><td>SOFT</td></tr><tr><td>SANDROCK</td><td>153</td><td>159</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>SANDROCK</td><td>159</td><td>170</td><td>YELLOW</td><td>MEDIUM</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	SAND GRAVEL	0	130	VARIED	SFT-HRD	CLAY	130	153	BROWN	SOFT	SANDROCK	153	159	YELLOW	SOFT	SANDROCK	159	170	YELLOW	MEDIUM	Use domestic		Status Active	
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					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. 11 lbs./ft.		Hole Diameter 4 in. To 170 ft.																										
Open Hole From 159 ft. To 170 ft.																																	
Screen? ☐		Type Make																															
Static Water Level 70 ft. land surface Measure 08/20/2008																																	
Pumping Level (below land surface) 75 ft. 3 hrs. Pumping at 40 g.p.m.																																	
Wellhead Completion Pitless adapter manufacturer 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 bentonite 2 Sacks ft. ft.																																	
Nearest Known Source of Contamination 53 feet North Direction Sewer Type Well disinfected upon completion? ☒ Yes ☐ No																																	
Pump ☐ Not Installed Date Installed 08/22/2008 Manufacturer's name GOULD Model Number 10GS07412 HP 0.75 Volt 230 Length of drop pipe 105 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 Jordan Sandstone Aquifer Jordan Last Strat Jordan Sandstone Depth to Bedrock 153 ft Located by Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 510085 Y 4994891 Unique Number Verification Input Date 08/21/2008																																	
Angled Drill Hole																																	
Well Contractor Mantyla Well Drilling, Inc. 1394 RICHARD/GARY Licensee Business Lic. or Reg. No. Name of Driller																																	
Remarks STATIC WATER LEVEL MEASURED FROM TOP CASING																																	