

745069

County

Washington

Quad

St Paul Park

Quad ID

102C

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

09/25/2008

Update Date

02/14/2014

Received Date

06/26/2008

Well Name LEIGHTON, JEFF Township 27 Range 22 Dir W Section 12 Subsection CDCDCB	Well Depth 215 ft. Depth Completed 215 ft. Date Well Completed 06/10/2008																				
Elevation 746 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)	Drill Method Air Rotary Drill Fluid Foam																				
Address Well 1340 3RD ST ST PAUL PARK MN 55071	Use domestic Status Active																				
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>CLAY</td><td>0</td><td>7</td><td>BROWN</td><td>SOFT</td></tr><tr><td>LIMEROCK</td><td>7</td><td>185</td><td>YELLOW</td><td>HARD</td></tr><tr><td>SANDROCK</td><td>185</td><td>215</td><td>WHITE</td><td>MEDIUM</td></tr></table>	Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	7	BROWN	SOFT	LIMEROCK	7	185	YELLOW	HARD	SANDROCK	185	215	WHITE	MEDIUM	Well Hydrofractured? Yes ☐ No ☒ From To
	Geological Material	From	To (ft.)	Color	Hardness																
	CLAY	0	7	BROWN	SOFT																
	LIMEROCK	7	185	YELLOW	HARD																
	SANDROCK	185	215	WHITE	MEDIUM																
	Casing Type Single casing Joint Welded																				
	Drive Shoe? Yes ☒ No ☐ Above/Below																				
	Casing Diameter 4 in. To 210 ft. Weight 10.79 lbs./ft. Hole Diameter 8 in. To 210 ft. 4 in. 215 ft.																				
	Open Hole From 210 ft. To 215 ft.																				
	Screen? ☐ Type Make																				
Static Water Level 40 ft. land surface Measure 06/10/2008																					
Pumping Level (below land surface) 94 ft. 1 hrs. Pumping at 40 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 neat cement Amount 60 Sacks From To ft. 210 ft.																					
Nearest Known Source of Contamination 100 feet East Direction Septic tank/drain field Type Well disinfected upon completion? ☐ Yes ☐ No																					
Pump ☐ Not Installed Date Installed 06/12/2008 Manufacturer's name DEMPSTER Model Number 10070182 HP 1 Volt 230 Length of drop pipe 94 ft Capacity 20 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																					
Remarks	Miscellaneous First Bedrock Prairie Du Chien Group Aquifer Jordan Last Strat Jordan Sandstone Depth to Bedrock 7 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 500199 Y 4964476 Unique Number Verification Info/GPS from data Input Date 06/10/2008																				
	Angled Drill Hole																				
	Well Contractor Mantyla Well Drilling, Inc. 1394 RICHARD/GARY Licensee Business Lic. or Reg. No. Name of Driller																				