

767121

County Hennepin
Quad Hopkins
Quad ID 104B

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

Entry Date 10/21/2014
Update Date 08/19/2015
Received Date 01/16/2015

Well Name BEACHSIDE	Township 117	Range 22	Dir Section W 26	Subsection DCDDCD	Well Depth 358 ft.	Depth Completed 358 ft.	Date Well Completed 10/08/2014																																								
Elevation 956 ft.	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite																																								
Address Well MINNETONKA MN 55343					Use irrigation	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>TOP SOIL</td><td>0</td><td>1</td><td>BLACK</td><td>MEDIUM</td></tr><tr><td>SAND/GRAVEL</td><td>1</td><td>159</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>CLAY/ROCK</td><td>159</td><td>215</td><td>BROWN</td><td>MEDIUM</td></tr><tr><td>SHALE/SANDSTONE</td><td>215</td><td>230</td><td>WHITE</td><td>MEDIUM</td></tr><tr><td>SHALE</td><td>230</td><td>250</td><td>VARIED</td><td>HARD</td></tr><tr><td>SHALE</td><td>250</td><td>315</td><td>VARIED</td><td>HARD</td></tr><tr><td>LIMESTONE</td><td>315</td><td>358</td><td>TAN</td><td>HARD</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	1	BLACK	MEDIUM	SAND/GRAVEL	1	159	BROWN	MEDIUM	CLAY/ROCK	159	215	BROWN	MEDIUM	SHALE/SANDSTONE	215	230	WHITE	MEDIUM	SHALE	230	250	VARIED	HARD	SHALE	250	315	VARIED	HARD	LIMESTONE	315	358	TAN	HARD	Well Hydrofractured? Yes ☐ No ☒ From To		
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					Casing Type Single casing	Joint																																									
Drive Shoe? Yes ☒ No ☐	Above/Below																																														
Casing Diameter 5 in. To	Weight 252 ft. lbs./ft.	Hole Diameter 10 in. To 252 ft.																																													
Open Hole From 252 ft. To 358 ft.																																															
Screen? ☐	Type Make																																														
Static Water Level																																															
Pumping Level (below land surface) 163 ft. 2 hrs. Pumping at 75 g.p.m.																																															
Wellhead Completion Pitless adapter manufacturer Model ☐ 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 10 Sacks 159 ft. 252 ft. bentonite 6 Sacks ft. 159 ft.																																															
Nearest Known Source of Contamination feet Direction Type Well disinfected upon completion? ☐ Yes ☐ No																																															
Pump ☐ Not Installed Date Installed 10/10/2014 Manufacturer's name GOULDS Model Number 40GS50 HP 5 Volt 230 Length of drop pipe ft Capacity 40 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 St.Peter Sandstone Aquifer St.Peter-Prairie Last Strat Prairie Du Chien Group Depth to Bedrock 215 ft Located by Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 466222 Y 4972615 Unique Number Verification Info/GPS from data Input Date 10/09/2014																																															
Angled Drill Hole																																															
Well Contractor Mineral Service Plus, LLC 1442 SEGLER, G. Licensee Business Lic. or Reg. No. Name of Driller																																															