

806815

County St. Louis
Quad Twig
Quad ID 245A

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

Entry Date 03/23/2015
Update Date 11/12/2019
Received Date 01/23/2015

Well Name URSHAN, DAN	Township 51	Range 15	Dir Section W 18	Subsection BCCCDB	Well Depth 72 ft.	Depth Completed 72 ft.	Date Well Completed 10/23/2014			
Elevation 1393	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Multiple methods used	Drill Fluid Water			
Address Well 5879 KEHTEL RD DULUTH MN 55811					Use domestic			Status Active		
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 18 BROWN SOFT SILT 18 40 BROWN SOFT FINE SAND 40 45 BROWN SOFT GRAVELY CLAY 45 60 BROWN MEDIUM DIRTY SAND & 60 68 GRAY MEDIUM BROKEN ROCK 68 70 BLACK HARD					Well Hydrofractured? Yes ☐ No ☒ From To					
					Casing Type Single casing ☐ Joint ☐ Welded					
					Drive Shoe? Yes ☒ No ☐ Above/Below					
					Casing Diameter 6 in. To 72 ft. 19 lbs./ft.			Hole Diameter 6 in. To 72 ft.		
					Open Hole From 72 ft. To 72 ft.					
					Screen? ☐ Type Make					
					Static Water Level 6 ft. land surface Measure 10/23/2014					
					Pumping Level (below land surface) 14 ft. 12 hrs. Pumping at 8 g.p.m.					
					Wellhead Completion Pitless adapter manufacturer BAKER Model BULLDOG ☐ Casing Protection ☒ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)					
					Grouting Information Well Grouted? ☐ Yes ☐ No ☐ Not Specified					
					Nearest Known Source of Contamination 24 feet East Direction Sewer Type Well disinfected upon completion? ☒ Yes ☐ No					
					Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ					
					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 Virginia/Thomson Aquifer Virginia/Thomson Last Strat Virginia/Thomson Depth to Bedrock 68 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:12,000) (>15 meters) System UTM - NAD83, Zone 15, Meters X 553252 Y 5194493 Unique Number Verification Address verification Input Date 05/23/2016					
					Angled Drill Hole					
					Well Contractor Dennys Drilling, Inc. 1779 KOEPP, D. Licensee Business Lic. or Reg. No. Name of Driller					