

176903

County

St. Louis

Quad

Adolph

Quad ID

245D

MINNESOTA DEPARTMENT OF HEALTH

WELL AND BORING REPORT

Minnesota Statutes Chapter 1031

Entry Date

02/22/1988

Update Date

12/15/2017

Received Date

Well Name WILLIAMSON, Township 50 Range 15 Dir Section W 6 Subsection DCDDAD	Well Depth 60 ft. Depth Completed 60 ft. Date Well Completed 08/09/1980	
Elevation 1454 Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Non-specified Rotary Drill Fluid	
Address C/W 3955 ROSE RD DULUTH MN 55811	Use domestic Status Active	
Stratigraphy Information Geological Material CLAY GRAVEL From 0 20 To (ft.) 20 60 Color RED RED Hardness SOFT SOFT	Well Hydrofractured? Yes No From To Casing Type Single casing Joint Threaded Drive Shoe? Yes No Above/Below 1 ft. Casing Diameter Weight Hole Diameter 6 in. To 60 ft. 19 lbs./ft. 8.7 in. To 60 ft. Open Hole From 60 ft. To 60 ft. Screen? Type Make Static Water Level 20 ft. land surface Measure 08/09/1980 Pumping Level (below land surface) 30 ft. 2 hrs. Pumping at 10 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 bentonite 0 ft. 50 ft. Nearest Known Source of Contamination feet Direction 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 Aquifer Quat. buried Last Strat gravel (+larger)-red Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 554444 Y 5187299 Unique Number Verification Tax Records Input Date 12/04/2017 Angled Drill Hole Well Contractor Lind Well Co. 93493 HOLLY, K. Licensee Business Lic. or Reg. No. Name of Driller	
	Remarks	