

581184

County St. Louis
Quad Central
Quad ID 292C

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

Entry Date 01/31/2011
Update Date 10/10/2019
Received Date 07/23/2008

Well Name IRISH, BARBARA 56					Township 17		Range W 3		Dir Section AABACC		Subsection		Well Depth 104 ft.		Depth Completed 104 ft.		Date Well Completed 07/14/2008		
Elevation 1348					Elev. Method		LiDAR 1m DEM (MNDNR)							Drill Method Multiple methods used		Drill Fluid Water			
Address																			
Contact					4429 LAKESIDE DR EVELETH MN 55734														
Well					7512 TOWN LINE RD E EVELETH MN 55734														
Stratigraphy Information																			
Geological Material					From		To (ft.)		Color		Hardness								
SILT					0		10		BROWN		SOFT								
CLAY					10		17		GRAY		SOFT								
CLAY & GRAVEL					17		35		GRAY		SOFT								
CLAY					35		70		GRAY		SOFT								
SILT					70		90		GRAY		SOFT								
GRAVEL & SLATE					90		92		GRAY		SOFT								
SLATE					92		104		GRAY		HARD								
Well Hydrofractured? Yes ☐ No ☐ From To																			
Casing Type Single casing Joint Welded																			
Drive Shoe? Yes ☒ No ☐ Above/Below																			
Casing Diameter Weight Hole Diameter																			
4 in. To 92 ft. 10.79 lbs./ft. 4 in. To 104 ft.																			
Open Hole From 92 ft. To 104 ft.																			
Screen? ☐ Type Make																			
Static Water Level																			
9 ft. land surface Measure 07/14/2008																			
Pumping Level (below land surface)																			
15 ft. 24 hrs. Pumping at 12 g.p.m.																			
Wellhead Completion																			
Pitless adapter manufacturer MONITOR Model SNAPPY																			
☐ 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 3 Sacks ft. 92 ft.																			
Nearest Known Source of Contamination																			
52 feet South Direction Sewer Type																			
Well disinfected upon completion? ☐ Yes ☐ No																			
Pump ☐ Not Installed Date Installed 07/12/2008																			
Manufacturer's name STA RITE																			
Model Number 2 WIRE HP 0.5 Volt 230																			
Length of drop pipe 30 ft Capacity 12 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 Virginia/Thomson Aquifer Virginia/Thomson																			
Last Strat Virginia/Thomson Depth to Bedrock 92 ft																			
Located by Minnesota Geological Survey																			
Locate Method GPS SA Off (averaged) (15 meters)																			
System UTM - NAD83, Zone 15, Meters X 539661 Y 5246513																			
Unique Number Verification Tax Records Input Date 03/09/2017																			
Angled Drill Hole																			
Well Contractor																			
Bruce Jagunich Well and 1995 POGACHNIK, J.																			
Licensee Business Lic. or Reg. No. Name of Driller																			