

887982

County St. Louis
Quad
Quad ID

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

Entry Date 11/04/2025
Update Date 11/04/2025
Received Date 11/19/2024

Well Name JOHNSON,	Township 51	Range 16	Dir W	Section 25	Subsection CBA	Well Depth 240 ft.	Depth Completed 240 ft.	Date Well Completed 11/11/2024
Elevation	Elev. Method					Drill Method Dual Rotary	Drill Fluid Water	
Address						Use domestic	Status Active	
Contact 6044 HELM RD DULUTH MN 55811						Well Hydrofractured? Yes ☐ No ☒ From To		
Well 6045 N PIKE LAKE RD DULUTH MN 55811						Casing Type Single casing Joint		
Stratigraphy Information						Drive Shoe? Yes ☒ No ☐ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter Weight Hole Diameter		
CLAY GRAVEL		0	60	BROWN	MEDIUM	6 in. To 190 ft. 18.97 lbs./ft. 6 in. To 240 ft.		
CLAY GRAVEL		60	150	GRAY	MEDIUM			
CLAY GRAVEL		150	190	BROWN	MEDIUM			
SHALE ROCK		190	240	GRAY	SOFT			
						Open Hole From 190 ft. To 240 ft.		
						Screen? ☐ Type Make		
						Static Water Level		
						35 ft. land surface Measure 11/11/2024		
						Pumping Level (below land surface)		
						230 ft. 1 hrs. Pumping at 2.5 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		
						driven casing seal 3 Sacks ft. 190 ft.		
						Nearest Known Source of Contamination		
						50 feet North 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 Aquifer		
						Last Strat Depth to Bedrock ft		
						Located by		
						Locate Method		
						System UTM - NAD83, Zone 15, Meters X Y		
						Unique Number Verification Input Date		
						Angled Drill Hole		
						Well Contractor		
						Sunnarborg Well Drilling Inc. 1295 SUNNARBORG, H		
						Licensee Business Lic. or Reg. No. Name of Driller		