

890850

County St. Louis
Quad
Quad ID

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

Entry Date 10/16/2025
Update Date 10/16/2025
Received Date 03/06/2025

Well Name ARBOUR,					Township 51	Range 14	Dir Section W 23	Subsection AA	Well Depth 335 ft.		Depth Completed 335 ft.		Date Well Completed 12/03/2024							
Elevation					Elev. Method					Drill Method Driven		Drill Fluid Water								
Address C/W 5257 EAGLE LAKE RD DULUTH MN 55803									Use domestic		Status Active									
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY 0 40 RED MEDIUM GRANITE 40 335 GRAY HARD									Well Hydrofractured?		Yes ☐ No ☒		From		To					
									Casing Type				Joint							
									Drive Shoe?		Yes ☐ No ☐		Above/Below							
									Casing Diameter		1 in. To 40 ft.		Weight		18.97 lbs./ft.		Hole Diameter		6 in. To 335 ft.	
									Open Hole		From 40 ft.		To 335 ft.							
									Screen?		☐		Type				Make			
									Static Water Level		16 ft.		land surface		Measure		12/10/2024			
									Pumping Level (below land surface)		3 ft.		2 hrs.		Pumping at		1.5 g.p.m.			
									Wellhead Completion		Pitless adapter manufacturer		SNAPPY		Model		6X1			
											☐ 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. 40		ft.														
bentonite		6 Sacks		ft. 38		ft.														
Nearest Known Source of Contamination		130 feet		East Direction		Other Type														
Well disinfected upon completion?		☒ Yes ☐ No																		
Pump		☐ Not Installed		Date Installed		12/10/2024														
Manufacturer's name		PENTAID																		
Model Number		SP4		HP 1		Volt 230														
Length of drop pipe		300 ft		Capacity 10 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		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		Jed Graves Drilling		3710		GRAVES, J														
Licensee Business				Lic. or Reg. No.		Name of Driller														