

625922

County Chisago
Quad Rush City
Quad ID 151B

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

Entry Date 06/30/2000
Update Date 06/11/2008
Received Date

Well Name HOUTARI,					Township 37		Range 21		Dir Section W 36		Subsection CCACDD		Well Depth 61 ft.			Depth Completed 61 ft.			Date Well Completed 11/30/1999															
Elevation 841 ft.					Elev. Method 7.5 minute topographic map (+/- 5 feet)																													
Address															Use domestic			Status Active																
Contact 9537 485TH ST RUSH CITY MN 55069																																		
Well 9345 485TH ST RUSH CITY MN 55069																																		
Stratigraphy Information															Well Hydrofractured? Yes ☐ No ☒			From To																
Geological Material					From		To (ft.)		Color		Hardness		Casing Type Single casing			Joint Unknown																		
TOP					0		2		BLACK		SOFT		Drive Shoe? Yes ☐ No ☒			Above/Below																		
SANDY CLAY &					2		45		RED		HARD		Casing Diameter 4 in. To 51 ft.			Weight lbs./ft.			Hole Diameter 6.5 in. To 61 ft.															
SAND & GRAVEL					45		61		VARIED		SOFT																							
															Open Hole			From		ft.		To		ft.										
															Screen? ☒		Type plastic		Make BLUE POINT															
															Diameter		Slot/Gauze		Length		Set													
															4 in.		20		10 ft.		51 ft.		61 ft.											
															Static Water Level																			
															11 ft.		land surface		Measure		11/30/1999													
															Pumping Level (below land surface)																			
															40 ft.		3 hrs.		Pumping at		15 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													
															high solids bentonite		2 Sacks		0 ft.		30 ft.													
															Nearest Known Source of Contamination																			
															55 feet		North Direction		Septic tank/drain field		Type													
															Well disinfected upon completion?		☒ Yes ☐ No																	
															Pump ☐ Not Installed		Date Installed		11/10/1999															
															Manufacturer's name		AERMOTOR																	
															Model Number		HP 0.5		Volt 230															
															Length of drop pipe		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		Aquifer		Quat. buried															
															Last Strat		sand +larger		Depth to Bedrock		ft													
															Located by		Minnesota Geological Survey																	
															Locate Method		Digitization (Screen) - Map (1:24,000) (15 meters or																	
															System		UTM - NAD83, Zone 15, Meters		X 506561		Y 5054718													
															Unique Number Verification		Name on mailbox		Input Date		01/18/2008													
															Angled Drill Hole																			
															Well Contractor																			
															Black Rock Ent.		62606		MILTON, J.															
															Licensee Business		Lic. or Reg. No.		Name of Driller															
Remarks																																		