

735687

County Ramsey
Quad White Bear
Quad ID 119D

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

Entry Date 12/07/2005
Update Date 04/21/2022
Received Date 01/11/2006

Well Name OSTERKAMP,	Township 30	Range 22	Dir W	Section 27	Subsection DCABBB	Well Depth 174 ft.	Depth Completed 174 ft.	Date Well Completed 11/30/2005																				
Elevation 973 ft.	Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary	Drill Fluid Bentonite																					
Address Well 3720 SCHEUNEMAN RD GEM LAKE MN 55110						Use domestic	Status Active																					
Stratigraphy Information						Well Hydrofractured? Yes ☐ No ☒	From	To																				
<table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SANDY CLAY</td><td>0</td><td>30</td><td>BROWN</td><td></td></tr><tr><td>CLAY GRAVEL</td><td>30</td><td>155</td><td>BROWN</td><td></td></tr><tr><td>SAND</td><td>155</td><td>174</td><td>BROWN</td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	SANDY CLAY	0	30	BROWN		CLAY GRAVEL	30	155	BROWN		SAND	155	174	BROWN		Casing Type Single casing	Joint Glued	
Geological Material	From	To (ft.)	Color	Hardness																								
SANDY CLAY	0	30	BROWN																									
CLAY GRAVEL	30	155	BROWN																									
SAND	155	174	BROWN																									
						Drive Shoe? Yes ☐ No ☒	Above/Below																					
						Casing Diameter 4 in.	Weight To 170 ft.	lbs./ft.																				
						Open Hole	From ft.	To ft.																				
						Screen? ☒	Type stainless	Make JOHNSON																				
						Diameter 4 in.	Slot/Gauze 10	Length 4 ft.																				
						Set 170 ft.	174 ft.																					
						Static Water Level 81 ft.	land surface	Measure 11/30/2005																				
						Pumping Level (below land surface) 174 ft.	1 hrs.	Pumping at 20 g.p.m.																				
						Wellhead Completion Pitless adapter manufacturer SNAPPY Model 1	☐ Casing Protection	☒ 12 in. above grade																				
						☐ At-grade (Environmental Wells and Borings ONLY)																						
						Grouting Information Material high solids bentonite	Well Grouted? ☒ Yes ☐ No ☐ Not Specified	Amount 6 Sacks																				
							From ft.	To ft.																				
						Nearest Known Source of Contamination 22 feet South Direction	Sewer Type																					
						Well disinfected upon completion? ☒ Yes ☐ No																						
						Pump ☒ Not Installed	Date Installed																					
						Manufacturer's name	Model Number	HP																				
						Length of drop pipe	ft	Capacity g.p.																				
							Volt	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-brown	Depth to Bedrock	ft																				
						Located by Minnesota Department of Health																						
						Locate Method GPS SA Off (averaged) (15 meters)																						
						System UTM - NAD83, Zone 15, Meters	X 497400	Y 4988911																				
						Unique Number Verification	Info/GPS from data	Input Date 12/01/2005																				
						Angled Drill Hole																						
						Well Contractor Barott B. Well Co.	02566	BARROTT, B.																				
						Licensee Business	Lic. or Reg. No.	Name of Driller																				