

727024

County Otter Tail
Quad Lake
Quad ID 238B

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

Entry Date
Update Date 06/03/2019
Received Date 04/27/2006

Well Name RUTHERFORD,	Township 137	Range 42	Dir W	Section 16	Subsection CADCAD	Well Depth 310 ft.	Depth Completed 310 ft.	Date Well Completed 09/30/2005
Elevation 1338.6	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite	
Address						Use domestic	Status Active	
Contact 15015 DALALGREN BEACH RD LAKE PARK MN 56554						Well Hydrofractured? Yes ☐ No ☐ From To		
Well 49273 FISH LAKE RD MN						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		
TOP SOIL		0	3	BLACK	SOFT	4 in. To 306 ft. 1 lbs./ft. 8.2 in. To 20 ft.		
CLAY		3	50	LT. BRN	MEDIUM	6.7 in. To 310 ft.		
SANDY CLAY		50	115	BROWN	MEDIUM			
CLAY		115	240	GRAY	MEDIUM			
CLAY		240	280	BLUE	HARD			
SANDY CLAY		280	295	BLUE	HARD			
SAND		295	310	GRAY	HARD			
Open Hole						From	ft.	To ft.
Screen? ☒						Type Make JOHNSON		
Diameter		Slot/Gauze		Length		Set		
in.		15		ft.		306 ft. 310 ft.		
Static Water Level								
30 ft.		land surface				Measure 09/30/2005		
Pumping Level (below land surface)								
308 ft.		1 hrs.		Pumping at		40 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				
high solids bentonite		4 Sacks		ft. 30 ft.				
Nearest Known Source of Contamination								
50 feet		North Direction		Septic tank/drain field		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		sand-gray		Aquifer		Quat. buried		
Last Strat				Depth to Bedrock		ft		
Located by Minnesota Geological Survey								
Locate Method Digitization (Screen) - Map (1:12,000) (>15 meters)								
System		UTM - NAD83, Zone 15, Meters		X 270893		Y 5173654		
Unique Number Verification		Site Plan		Input Date		01/28/2019		
Angled Drill Hole								
Well Contractor								
Pelican Well Drilling		56736		NEHK, C.				
Licensee Business		Lic. or Reg. No.		Name of Driller				
Remarks								
Minnesota Well Index Report						727024		
						Printed on 08/13/2026 HE-01205-15		