

817669

County Pope
Quad Lake
Quad ID 161C

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

Entry Date 12/11/2017
Update Date 02/09/2018
Received Date 06/26/2017

Well Name WINKELMAN,					Township 125	Range 38	Dir W	Section 26	Subsection CBCBBC	Well Depth 54 ft.				Depth Completed 54 ft.				Date Well Completed 06/07/2017			
Elevation 1141.7					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary				Drill Fluid Bentonite							
Address										Use domestic				Status Active							
Contact 3055 BLVD NW CEDAR MN 55011										Well Hydrofractured? Yes ☐ No ☐				From To							
Well 20615 G. LAKESHORE DR GLENWOOD MN 56334										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							
SAND		0	8	BROWN		4 in. To 50 ft.				lbs./ft.				8.5 in. To 22 ft.							
SAND		8	30	GRAY										7.5 in. To 54 ft.							
SAND		30	35	GRAY																	
SAND		35	54	GRAY																	
Open Hole										From		ft.		To		ft.					
Screen?		☒		Type		stainless		Make		JOHNSON											
Diameter		Slot/Gauze		Length				Set													
in.		10		4		ft.		ft.		ft.											
Static Water Level										8 ft.		land surface		Measure		06/07/2017					
Pumping Level (below land surface)										53 ft.		2 hrs.		Pumping at		70 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											
bentonite								ft. 40		ft.											
Nearest Known Source of Contamination										125 feet		Northeas Direction				Sewer Type					
Well disinfected upon completion?										☒ Yes ☐ No											
Pump										☐ Not Installed		Date Installed		06/23/2016							
Manufacturer's name										GRUNDFOS											
Model Number										HP		0.5		Volt		220					
Length of drop pipe										44 ft		Capacity		g.p.		Typ Air lift					
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										Minnesota Department of Health											
Locate Method										GPS SA Off (averaged) (15 meters)											
System										UTM - NAD83, Zone 15, Meters		X 310656		Y 5053027							
Unique Number Verification										Info/GPS from data		Input Date		06/28/2017							
Angled Drill Hole																					
Well Contractor										Dons Pump and Well Service		1451		MEULEBROECK,D							
Licensee Business										Lic. or Reg. No.				Name of Driller							
Remarks					LAYER FROM 0 TO 8: HARDNESS-FINE LAYER FROM 8 TO 30: HARDNESS-COARSE LAYER FROM 30 TO 35: HARDNESS-FINE LAYER FROM 35 TO 54: HARDNESS-VERY FINE																
Minnesota Well Index Report					817669										Printed on 08/13/2026 HE-01205-15						