

836731

County Crow Wing

Quad

Quad ID

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

Entry Date 05/08/2019
Update Date 05/24/2019
Received Date 08/27/2018

Well Name NORTHLAND	Township 137	Range 27	Dir W	Section 13	Subsection DAC
Elevation	Elev. Method				
Address					
Well 36177 BONNIE LAKE RD CROSS LAKE MN 56442					
Contact 15496 SORENSON LAKE RD MERRIFIELD MN 56465					
Stratigraphy Information					
Geological Material	From	To (ft.)	Color	Hardness	
SAND	0	12	BROWN	MEDIUM	
SAND/MAGANITE	12	62	GRAY	MEDIUM	
SAND CLAY	62	71	GRAY	M.SOFT	
SAND	71	73	GRAY	MEDIUM	
FINE MUDDY SAND	73	131	GRAY	MEDIUM	
CLAY	131	145	GRAY	SOFT	
SAND/BUSTED LEDGE	145	149	GRAY	MEDIUM	
Well Depth 149 ft.					
Depth Completed 149 ft.					
Date Well Completed 08/16/2018					
Drill Method Non-specified Rotary					
Drill Fluid Bentonite					
Use domestic					
Status Active					
Well Hydrofractured? Yes ☐ No ☒ From To					
Casing Type Single casing					
Joint					
Drive Shoe? Yes ☐ No ☒ Above/Below					
Casing Diameter Weight Hole Diameter					
4 in. To 145 ft. lbs./ft. 7.8 in. To 20 ft.					
6.7 in. To 149 ft.					
Open Hole From ft. To ft.					
Screen? ☒ Type stainless Make JOHNSON					
Diameter Slot/Gauze Length Set					
2 in. 12 4 ft. 145 ft. 149 ft.					
Static Water Level					
10 ft. land surface Measure 08/16/2018					
Pumping Level (below land surface)					
113 ft. 1 hrs. Pumping at 10 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 7 Sacks ft. 110 ft.					
Nearest Known Source of Contamination					
50 feet South Direction Sewer Type					
Well disinfected upon completion? ☒ Yes ☐ No					
Pump ☐ Not Installed Date Installed 04/05/2019					
Manufacturer's name STARITE					
Model Number HP 0.5 Volt 230					
Length of drop pipe 110 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					
Justin's Well Service 3263 BAUER, A					
Licensee Business Lic. or Reg. No. Name of Driller					
Remarks					
Minnesota Well Index Report					
836731					
Printed on 08/13/2026					
HE-01205-15					