

788474

County Polk
Quad Union Lake
Quad ID 334D

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

Entry Date 09/18/2012
Update Date 01/21/2022
Received Date 12/12/2011

Well Name ROPPEL,	Township 148	Range 43	Dir W	Section 25	Subsection ADDDAC	Well Depth 112 ft.	Depth Completed 112 ft.	Date Well Completed 10/20/2011
Elevation 1240	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Other	
Address Well 38404 190TH AV SE ERSKINE MN 56535						Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness TOPSOIL 0 1 BLACK SOFT CLAY 1 24 YELLOW MEDIUM CLAY 24 33 GRAY MEDIUM SAND 33 44 YELLOW SOFT SAND FINE 44 98 GRAY MEDIUM SAND 98 112 GRAY SOFT						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 104 ft. lbs./ft. 6.7 in. To 112 ft.		
						Open Hole From ft. To ft.		
						Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 2 in. 12 8 ft. 104 ft. 112 ft.		
						Static Water Level 33 ft. land surface Measure 10/20/2011		
						Pumping Level (below land surface) 112 ft. 2 hrs. Pumping at 50 g.p.m.		
						Wellhead Completion Pitless adapter manufacturer BAKER Model 4A0 ☐ 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 3 Sacks 8 ft. 50 ft.		
Nearest Known Source of Contamination 50 feet <u>Northeas</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No								
Pump ☐ Not Installed Date Installed <u>10/31/2011</u> Manufacturer's name SCHAEFER Model Number HP 0.5 Volt 230 Length of drop pipe 60 ft Capacity 10 g.p. Typ <u>Submersible</u>								
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-gray 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 269424 Y 5277277 Unique Number Verification Tax Records Input Date 02/04/2020								
Angled Drill Hole								
Well Contractor Brovold Wells 2149 AFFELDT, M. Licensee Business Lic. or Reg. No. Name of Driller								