

553130

County Becker
Quad Richwood
Quad ID 259A

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

Entry Date 03/06/1995
Update Date 08/22/2014
Received Date

Well Name LIPKE, HOWARD 140	Township 140	Range 40	Dir W	Section 8	Subsection BCDCCC	Well Depth 64 ft.	Depth Completed 64 ft.	Date Well Completed 09/27/1994
Elevation 1449	Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary	Drill Fluid Bentonite	
Address C/W RR 2 BOX 111 DETROIT LAKES MN						Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY 0 18 YELLOW MEDIUM CLAY 18 31 BLUE MEDIUM SAND AND GRAVEL 31 58 DK. RED MEDIUM COARSE SAND 58 64 GRAY SOFT						Well Hydrofractured? Yes ☐ No ☐ From To		
						Casing Type Single casing Joint		
						Drive Shoe? Yes ☐ No ☒ Above/Below 0 ft.		
						Casing Diameter Weight Hole Diameter 4 in. To 60 ft. 1.9 lbs./ft. 7 in. To 64 ft.		
						Open Hole From ft. To ft.		
						Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 4 in. 12 5 ft. 60 ft. 64 ft.		
						Static Water Level 23 ft. land surface Measure 09/27/1994		
						Pumping Level (below land surface) 23 ft. 2 hrs. Pumping at 30 g.p.m.		
						Wellhead Completion Pitless adapter manufacturer MONITOR Model 6PSFB ☐ 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 4 Sacks 0 ft. 50 ft.		
Nearest Known Source of Contamination 75 feet Southwes Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No								
Pump ☐ Not Installed Date Installed 10/20/1994 Manufacturer's name STARITE Model Number T.5 3W HP 0.5 Volt 230 Length of drop pipe 40 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 Quat. buried Last Strat sand-gray Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table) System UTM - NAD83, Zone 15, Meters X 289300 Y 5204042 Unique Number Verification Information from Input Date 01/15/1998								
Angled Drill Hole								
Well Contractor Krueger Well Drll 03669 KRUEGER, R. Licensee Business Lic. or Reg. No. Name of Driller								