

458244

County Cass
Quad Nisswa
Quad ID 232D

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

Entry Date 08/13/1991
Update Date 02/08/2016
Received Date 12/17/1990

Well Name LUCAS, GEO					Township 135	Range 29	Dir W	Section 16	Subsection DDCACD	Well Depth 56 ft.				Depth Completed 56 ft.				Date Well Completed 07/12/1990			
Elevation 1216					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Jetted				Drill Fluid							
Address Well 8383 BIRCHWOOD HILLS RD LAKE SHORE MN 56468 Contact 105 N KENOSKA AV OGLESBY IL 61348										Use domestic				Status Active							
Stratigraphy Information										Well Hydrofractured? Yes ☐ No ☐				From To							
Geological Material										Casing Type Single casing				Joint Threaded							
SAND										Drive Shoe? Yes ☒ No ☐				Above/Below 1 ft.							
GRAVEL WITH ROCK										Casing Diameter 2 in.				Weight 56 ft. 2.75 lbs./ft.							
SAND										Open Hole				From ft.							
SAND										Screen? Diameter 1.2 in.				Type stainless							
SANDY CLAY										Slot/Gauze 10				Length 4 ft.							
SAND										Static Water Level				Measure 07/12/1990							
										Pumping Level (below land surface)				19 ft. 1.5 hrs. Pumping at 12 g.p.m.							
										Wellhead Completion				Model							
										☐ Casing Protection				☒ 12 in. above grade							
										☐ At-grade (Environmental Wells and Borings ONLY)											
										Grouting Information				Well Grouted? ☐ Yes ☒ No ☐ Not Specified							
										Nearest Known Source of Contamination				56 feet Northeas Direction							
										Well disinfected upon completion?				☒ Yes ☐ No							
										Pump				Date Installed 07/14/1990							
										Manufacturer's name WAYNE											
										Model Number CWS50				HP 0.5							
										Length of drop pipe 42 ft				Capacity 7.5 g.p.							
										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							
										Last Strat				Aquifer Quat. buried							
										Located by Minnesota Geological Survey				Depth to Bedrock ft							
										Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or											
										System UTM - NAD83, Zone 15, Meters				X 397718							
										Unique Number Verification				Y 5150550							
										Tax Records				Input Date 10/07/2015							
										Angled Drill Hole											
										Well Contractor				Whitney Well Co. 18148							
										Licensee Business				SIMINSTAD, R. Name of Driller							
Remarks BIRCHWOOD HILLS ADD LOT 3. GALVANIZED CASING																					