

592042

County Chisago
Quad Scandia
Quad ID 134D

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

Entry Date 10/13/1997
Update Date 02/14/2014
Received Date

Well Name ZIMMERMAN, 33					Township 20					Range W 26					Dir Section CDDDAC					Subsection					Well Depth 108 ft.					Depth Completed 108 ft.					Date Well Completed 07/21/1997				
Elevation 912 ft.					Elev. Method 7.5 minute topographic map (+/- 5 feet)															Drill Method Non-specified Rotary					Drill Fluid Bentonite														
Address C/W 25030 OLINDA TR LINDSTROM MN 55045																																							
Stratigraphy Information																																							
Geological Material										From					To (ft.)					Color					Hardness														
CLAY										0					37					BROWN					HARD														
GRAVEL & CLAY										0					37					BROWN					HARD														
GRAVEL										80					108					BROWN					MEDIUM														
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 98 ft. 2.13 lbs./ft.																				6 in. To 108 ft.																			
Open Hole From ft. To ft.																																							
Screen? ☒ Type slotted pipe Make MONOFLEX																																							
Diameter										Slot/Gauze					Length					Set																			
4 in.										18					10 ft.					98 ft. 108 ft.																			
Static Water Level																																							
50 ft.										land surface										Measure					07/05/1997														
Pumping Level (below land surface)																																							
70 ft.										2 hrs.					Pumping at					20 g.p.m.																			
Wellhead Completion																																							
Pitless adapter manufacturer										WHITEWATER										Model					SU4X512														
☐ 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										1 Sacks					0 ft. 30 ft.																								
Nearest Known Source of Contamination																																							
115 feet										North Direction										Septic tank/drain field Type																			
Well disinfected upon completion?										☒ Yes ☐ No																													
Pump ☐ Not Installed Date Installed 07/21/1997																																							
Manufacturer's name AERMOTOR																																							
Model Number SD1275										HP 0.75					Volt 230																								
Length of drop pipe 80 ft										Capacity 12 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 gravel (+larger)-brown										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 515297					Y 5017544																								
Unique Number Verification										Address verification					Input Date 01/06/2008																								
Angled Drill Hole																																							
Well Contractor																																							
Hadden Well Co.										02657					MULVIHILL, D.																								
Licensee Business										Lic. or Reg. No.					Name of Driller																								