

722645

County Sherburne
Quad Elk River
Quad ID 137D

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

Entry Date 09/28/2005
Update Date 12/05/2012
Received Date 09/20/2005

Well Name MW JOHNSON Township 33 Range 26 Dir Section W 7 Subsection DBCDDD					Well Depth 94 ft.		Depth Completed 94 ft.		Date Well Completed 09/07/2005																													
Elevation 945 ft. Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary		Drill Fluid Bentonite																															
Address Well 21458 QUEEN ST NW ELK RIVER MN					Use domestic				Status Active																													
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SAND</td><td>0</td><td>15</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY/GRAVEL</td><td>15</td><td>48</td><td>BRN/RED</td><td>M.HARD</td></tr><tr><td>SAND</td><td>48</td><td>56</td><td>BROWN</td><td>SOFT</td></tr><tr><td>GRAVEL/CLAY/SAND</td><td>56</td><td>84</td><td>BROWN</td><td>M.HARD</td></tr><tr><td>COARSE SAND</td><td>84</td><td>94</td><td>BROWN</td><td>SOFT</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	SAND	0	15	BROWN	SOFT	CLAY/GRAVEL	15	48	BRN/RED	M.HARD	SAND	48	56	BROWN	SOFT	GRAVEL/CLAY/SAND	56	84	BROWN	M.HARD	COARSE SAND	84	94	BROWN	SOFT	Well Hydrofractured? Yes ☐ No ☒ From To			
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					COARSE SAND	84	94	BROWN	SOFT																													
					Casing Type Single casing Joint																																	
					Drive Shoe? Yes ☐ No ☒ Above/Below																																	
					Casing Diameter Weight Hole Diameter																																	
4 in. To 91 ft. 10.79 lbs./ft.		9 in. To 30 ft. 7 in. To 94 ft.																																				
Open Hole From ft. To ft.																																						
Screen? ☒ Type stainless Make JOHNSON																																						
Diameter Slot/Gauze Length Set																																						
in. 18 4 ft. 90 ft. 94 ft.																																						
Static Water Level 17 ft. land surface Measure 09/07/2005																																						
Pumping Level (below land surface) ft. 3 hrs. Pumping at 35 g.p.m.																																						
Wellhead Completion Pitless adapter manufacturer BAKER Model BULLDOG ☐ 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. 90 ft.																																						
Nearest Known Source of Contamination 40 feet East Direction Sewer Type																																						
Well disinfected upon completion? ☒ Yes ☐ No																																						
Pump ☐ Not Installed Date Installed 09/08/2005																																						
Manufacturer's name GRUNDFOS																																						
Model Number 16S07-8 HP 0.75 Volt 230																																						
Length of drop pipe 1.2 ft Capacity 16 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-brown Depth to Bedrock ft Located by Minnesota Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 451352 Y 5023244 Unique Number Verification Info/GPS from data Input Date 09/06/2005																																						
Angled Drill Hole																																						
Well Contractor Renner E.H. Well 71015 WEISS, R. Licensee Business Lic. or Reg. No. Name of Driller																																						

Minnesota Well Index Report

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