

723763

County Winona
Quad Pickwick
Quad ID 24B

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

Entry Date
Update Date 08/18/2014
Received Date 04/14/2006

Well Name HAASE, DAVID	Township 106	Range 5	Dir Section W 27	Subsection CACCBD	Well Depth 163 ft.	Depth Completed 163 ft.	Date Well Completed 11/09/2005
Elevation 803 ft.	Elev. Method CALC FROM 2-FOOT COUNTY DEM	Drill Method Air Rotary				Drill Fluid	
Address C/W 26720 MILLER VALLEY RD WINONA MN 55987					Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness CLAY & LOOSE ROCK 0 13 BROWN SOFT SHALE 13 24 GREEN HARD SANDROCK 24 160 YELLOW HARD SHALE 160 163 BLUE HARD					Well Hydrofractured? Yes ☐ No ☐ From To		
					Casing Type Single casing Joint Welded		
					Drive Shoe? Yes ☒ No ☐ Above/Below		
					Casing Diameter Weight Hole Diameter 4 in. To 106 ft. 10.79 lbs./ft. 8 in. To 10 ft. 4 in. To 163 ft.		
					Open Hole From 106 ft. To 163 ft.		
					Screen? ☐ Type Make		
					Static Water Level 52 ft. land surface Measure 11/09/2005		
					Pumping Level (below land surface) 55 ft. 2 hrs. Pumping at 20 g.p.m.		
					Wellhead Completion Pitless adapter manufacturer Model ☐ 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 neat cement 2.5 Cubic yards ft. 106 ft.		
Remarks					Nearest Known Source of Contamination 22 feet North Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No		
					Pump ☒ Not Installed Date Installed Manufacturer's name Model Number HP Volt Length of drop pipe ft Capacity g.p. Typ		
					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 Tunnel City/Lone Rock Fm Aquifer Wonewoc-Eau Last Strat Eau Claire Formation Depth to Bedrock 13 ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 627148 Y 4867769 Unique Number Verification Tax Records Input Date 08/13/2008		
					Angled Drill Hole		
					Well Contractor Drussell Well Co. 85221 DRUSSELL, E. Licensee Business Lic. or Reg. No. Name of Driller		