

716415

County Sherburne
Quad Orrock
Quad ID 137B

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

Entry Date 09/08/2005
Update Date 08/08/2011
Received Date 01/31/2006

Well Name KHI					Township 35		Range 27		Dir Section W 25		Subsection BACADC	
Elevation 978 ft.		Elev. Method 7.5 minute topographic map (+/- 5 feet)										
Address Well 29173 149TH ST ZIMMERMAN MN												
Stratigraphy Information												
Geological Material		From		To (ft.)		Color		Hardness				
SAND		0		12		BROWN		SOFT				
SAND/GRAVEL		12		30		VARIED		SOFT				
GRAVEL/SAND		30		46		VARIED		SOFT				
CLAY/GRAVEL		46		50		GRAY		MEDIUM				
Well Depth 50 ft.												
Depth Completed 47 ft.												
Date Well Completed 08/12/2005												
Drill Method Non-specified Rotary				Drill Fluid Qwik gel								
Use domestic										Status Active		
Well Hydrofractured? Yes ☐ No ☒ From To												
Casing Type Single casing Joint												
Drive Shoe? Yes ☐ No ☐ Above/Below												
Casing Diameter 4 in. To 36 ft.				Weight lbs./ft.				Hole Diameter 7 in. To 35 ft. 6.2 in. To 50 ft.				
Open Hole From ft. To ft.												
Screen? ☒ Type stainless Make JOHNSON												
Diameter		Slot/Gauze		Length		Set						
3 in.		12		8 ft.		38 ft.		46 ft.				
Static Water Level 22 ft. land surface Measure 08/12/2005												
Pumping Level (below land surface) 35 ft. 4 hrs. Pumping at 12 g.p.m.												
Wellhead Completion Pitless adapter manufacturer BAKER Model SNAPPY ☐ 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				1.5 Sacks		ft. 30		ft.				
Nearest Known Source of Contamination 105 feet West Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No												
Pump ☐ Not Installed Date Installed 08/26/2005												
Manufacturer's name MYERS												
Model Number		HP		0.5		Volt		220				
Length of drop pipe		30 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. Water Last Strat pebbly sand/silt/clay-gray 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 449421 Y 5038552 Unique Number Verification Info/GPS from data Input Date 08/10/2005												
Angled Drill Hole												
Well Contractor STM Industries, LLC 62753 PERRON, D Licensee Business Lic. or Reg. No. Name of Driller												
Remarks												