

631069

County Aitkin
Quad Isle
Quad ID 190B

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

Entry Date 08/19/1999
Update Date 05/03/2017
Received Date 06/21/1999

Well Name CASHMAN,	Township 43	Range 24	Dir Section W 32	Subsection BBBBDA	Well Depth 40 ft.	Depth Completed 40 ft.	Date Well Completed 06/04/1999
Elevation 1275	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite
Address Contact RR 2 BOX 125 ISLE MN 56342					Use domestic	Status Active	
Stratigraphy Information Geological Material From To (ft.) Color Hardness SAND 0 10 CLAY 10 30 FINE SAND 30 40					Well Hydrofractured? Yes ☐ No ☒ From To		
					Casing Type Single casing Joint Threaded		
					Drive Shoe? Yes ☐ No ☒ Above/Below		
					Casing Diameter Weight Hole Diameter 4 in. To 30 ft. lbs./ft. 6.7 in. To 40 ft.		
					Open Hole From ft. To ft.		
					Screen? ☒ Type stainless Make JOHNSON Diameter Slot/Gauze Length Set 4 in. 16 10 ft. 30 ft. 40 ft.		
					Static Water Level 8 ft. land surface Measure 06/04/1999		
					Pumping Level (below land surface)		
					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 high solids bentonite 0 ft. 28 ft.		
Nearest Known Source of Contamination feet Direction 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 Aquifer Quat. buried Last Strat sand Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 468507 Y 5112821 Unique Number Verification Site Plan Input Date 02/23/2016							
Angled Drill Hole							
Well Contractor Boart Longyear Drilling 49588 HAMM, RANDY Licensee Business Lic. or Reg. No. Name of Driller							