

811799

County Washington
Quad
Quad ID

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

Entry Date

Update Date10/04/2017

Received Date05/22/2017

Well Name WINTERS,	Township 31	Range 19	Dir W	Section 31	Subsection ADA	Well Depth 220 ft.	Depth Completed 220 ft.	Date Well Completed 05/18/2017
Elevation	Elev. Method					Drill Method Non-specified Rotary	Drill Fluid Foam	
Address						Use domestic	Status Active	
Contact	2198 ARIEL ST N NORTH ST PAUL MN 55109					Well Hydrofractured? Yes ☐ No ☒ From To		
Well	12665 RIVERVIEW TR STILLWATER MN 55082					Casing Type Single casing Joint Welded		
Stratigraphy Information						Drive Shoe? Yes ☒ No ☐ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter		Weight
CLAY & GRAVEL		0	18	BROWN	MEDIUM	4 in. To		188 ft. 10.79 lbs./ft.
SANDROCK		18	32	GRN/BRN	MEDIUM	8 in. To		188 ft.
SANDROCK		32	45	BRN/YEL	MEDIUM	4 in. To		220 ft.
SANDROCK		45	72	GREEN	HARD			
SANDROCK		72	145	BRN/YEL	MEDIUM			
SANDROCK		145	220	GRN/GRY	HARD			
						Open Hole From 188 ft. To 220 ft.		
						Screen? ☐ Type Make		
						Static Water Level		
						110 ft. land surface Measure 05/12/2017		
						Pumping Level (below land surface)		
						178 ft. 2 hrs. Pumping at 25 g.p.m.		
						Wellhead Completion		
						Pitless adapter manufacturer MAASS Model 4J-1		
						☐ 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 46 Sacks ft. 188 ft.		
						Nearest Known Source of Contamination		
						75 feet Northeas Direction Septic tank/drain field Type		
						Well disinfected upon completion? ☒ Yes ☐ No		
						Pump ☐ Not Installed Date Installed 05/18/2017		
						Manufacturer's name GRUNDFOS		
						Model Number 15SQE10- HP 1 Volt 230		
						Length of drop pipe 168 ft Capacity 15 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		
						Last Strat Depth to Bedrock ft		
						Located by		
						Locate Method		
						System UTM - NAD83, Zone 15, Meters X Y		
						Unique Number Verification Input Date		
						Angled Drill Hole		
						Well Contractor		
						Mantyla Well Drilling, Inc. 1394 BUSHOR, C.		
						Licensee Business Lic. or Reg. No. Name of Driller		
Remarks								