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County St. Louis
Quad Turpela
Quad ID 291B

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

Entry Date 04/19/2011
Update Date 12/10/2019
Received Date 02/11/2011

Well Name POTTSMITH,	Township 57	Range 15	Dir W	Section 9	Subsection BDAACA	Well Depth 94 ft.	Depth Completed 93 ft.	Date Well Completed 10/24/2010
Elevation 1394	Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary	Drill Fluid Bentonite	
Address						Use domestic	Status Active	
Contact 801 3RD ST SW ROCHESTER MN 55902						Well Hydrofractured? Yes ☐ No ☒ From To		
Well 5423 TWIN LAKES LO AURORA MN 55705						Casing Type Single casing Joint Glued		
Stratigraphy Information						Drive Shoe? Yes ☐ No ☒ Above/Below		
Geological Material		From	To (ft.)	Color	Hardness	Casing Diameter Weight Hole Diameter		
SAND		0	11	BROWN	SOFT	4 in. To 89 ft. lbs./ft. 8 in. To 94 ft.		
SAND		11	29	BROWN	SOFT			
CLAY		29	34	GRAY	SOFT			
SILT SAND		34	57	GRAY	SOFT			
CLAY		57	83	GRAY	SOFT			
SAND		83	94	GRAY	SOFT			
Open Hole						From	ft.	To ft.
Screen? ☒						Type stainless	Make JOHNSON	
Diameter Slot/Gauze Length Set						4 in. 12	4 ft. 89 ft.	93 ft.
Static Water Level						10 ft. land surface	Measure	10/24/2010
Pumping Level (below land surface)						ft. hrs. Pumping at	35	g.p.m.
Wellhead Completion						Pitless adapter manufacturer SNAPPY Model 4C-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						high solids bentonite 4 Sacks 0 ft. 50 ft.		
Nearest Known Source of Contamination						50 feet East Direction	Sewer Type	
Well disinfected upon completion?						☒ Yes ☐ No		
Pump ☐ Not Installed						Date Installed 10/24/2010		
Manufacturer's name SCHAEFER						HP 0.5	Volt 230	
Length of drop pipe 40 ft Capacity						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-gray						Depth to Bedrock	ft	
Located by Minnesota Geological Survey								
Locate Method GPS SA Off (averaged) (15 meters)								
System UTM - NAD83, Zone 15, Meters						X 556550	Y 5254381	
Unique Number Verification Tax Records						Input Date	03/09/2017	
Angled Drill Hole								
Well Contractor						Marks Well and Pump 1675 SHADLEY, J.		
Licensee Business						Lic. or Reg. No.	Name of Driller	
Remarks								