

742015

County Aitkin
Quad Aitkin
Quad ID 229C

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

Entry Date 12/18/2006
Update Date 09/29/2017
Received Date 11/27/2006

Well Name BLUE VALLEY	Township 47	Range 27	Dir W	Section 1	Subsection CCCDBC
Elevation 1203	Elev. Method LiDAR 1m DEM (MNDNR)				
Address Contact 39095 OSPREY AV AITKIN MN					
Stratigraphy Information					
Geological Material		From	To (ft.)	Color	Hardness
PEAT		0	12	BLACK	SOFT
MUD		12	18	GRAY	SOFT
CLAY		18	45	GRAY	SOFT
CLAY		45	110	GRAY	MEDIUM
CLAY		110	165	BROWN	
SAND-MUD		165	192	BROWN	
SAND- NICE		192	200	BROWN	

Well Depth 200 ft.	Depth Completed 200 ft.	Date Well Completed 07/31/2006	
Drill Method Non-specified Rotary	Drill Fluid Bentonite		
Use irrigation	Status Active		
Well Hydrofractured? Yes ☐ No ☒	From To		
Casing Type Single casing	Joint Above/Below		
Drive Shoe? Yes ☐ No ☐			
Casing Diameter 6 in.	Weight To 192 ft.	Hole Diameter lbs./ft.	10 in. To 200 ft.
Open Hole From ft. To ft.			
Screen? ☒	Type stainless	Make JOHNSON	
Diameter	Slot/Gauze	Length	Set
4 in.	12	8 ft.	188 ft. 196 ft.
4 in.	10	4 ft.	196 ft. 200 ft.
Static Water Level -5 ft. land surface Measure 07/31/2006			
Pumping Level (below land surface) ft. 1 hrs. Pumping at 200 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 40 Sacks ft. 160 ft.			
Nearest Known Source of Contamination <u>50</u> feet Direction Type Well disinfected upon completion? ☐ Yes ☐ No			
Pump ☐ Not Installed Date Installed Manufacturer's name GRUNDFOS Model Number HP <u>10</u> Volt <u>230</u> Length of drop pipe <u>147</u> ft Capacity <u>150</u> 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-brown Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 445885 Y 5158464 Unique Number Verification Tax Records Input Date 06/29/2016			
Angled Drill Hole			
Well Contractor Hasskamp Bros. Well Drilling 1585 HASSKAMP, L. Licensee Business Lic. or Reg. No. Name of Driller			