

689290

County Wadena
Quad Sebeka
Quad ID 235A

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

Entry Date
Update Date 07/31/2018
Received Date 05/05/2003

Well Name MATTIL, JOHN	Township 137	Range 35	Dir W	Section 23	Subsection BCADDC																									
Elevation 1383	Elev. Method LiDAR 1m DEM (MNDNR)																													
Address Contact 15357 71 UH PARK RAPIDS MN 56470																														
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>TOPSOIL</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>SAND</td><td>2</td><td>14</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>14</td><td>30</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>30</td><td>46</td><td>GRAY</td><td>MEDIUM</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	TOPSOIL	0	2	BLACK	SOFT	SAND	2	14	BROWN	SOFT	CLAY	14	30	GRAY	MEDIUM	SAND	30	46	GRAY	MEDIUM
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Well Depth 46 ft.			Depth Completed 46 ft.		Date Well Completed 04/29/2003																									
Drill Method Non-specified Rotary		Drill Fluid Qwik gel																												
Use irrigation					Status Active																									
Well Hydrofractured? Yes ☐ No ☒ From To																														
Casing Type Single casing Joint																														
Drive Shoe? Yes ☐ No ☒ Above/Below																														
Casing Diameter 16 in. To 31 ft.		Weight lbs./ft.		Hole Diameter 20 in. To 46 ft.																										
Open Hole <table><tr><td>From</td><td>ft.</td><td>To</td><td>ft.</td></tr><tr><td>Screen? ☒</td><td>Type stainless</td><td>Make JOHNSON</td><td></td></tr><tr><td>Diameter Slot/Gauze</td><td>Length</td><td>Set</td><td></td></tr><tr><td>16 in. 60</td><td>15 ft.</td><td>31 ft.</td><td>46 ft.</td></tr></table>						From	ft.	To	ft.	Screen? ☒	Type stainless	Make JOHNSON		Diameter Slot/Gauze	Length	Set		16 in. 60	15 ft.	31 ft.	46 ft.									
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16 in. 60	15 ft.	31 ft.	46 ft.																											
Static Water Level 7 ft. land surface Measure 04/29/2003																														
Pumping Level (below land surface) 45 ft. 3 hrs. Pumping at 400 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 high solids bentonite 0 ft. 30 ft.																														
Nearest Known Source of Contamination <u>0</u> 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-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 341296 Y 5170443 Unique Number Verification Site Plan Input Date 01/07/2014																														
Angled Drill Hole																														
Well Contractor Traut S.M. Well Co. 21535 CHRIS/JON Licensee Business Lic. or Reg. No. Name of Driller																														