

795966

County Otter Tail
Quad Carlisle
Quad ID 219C

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

Entry Date 10/15/2013
Update Date 03/08/2019
Received Date 09/13/2013

Well Name GREEN PLAINS	Township 133	Range 43	Dir W	Section 20	Subsection CCCABB	Well Depth 211 ft.	Depth Completed 210 ft.	Date Well Completed 06/24/2013
Elevation 1241	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Qwik gel		
Address C/W 24096 170TH AV FERGUS FALLS MN 56537						Use commercial	Status Active	
						Well Hydrofractured? Yes ☐ No ☐	From To	
Stratigraphy Information						Casing Type Single casing	Joint	
						Drive Shoe? Yes ☐ No ☐	Above/Below	
Geological Material						Casing Diameter	Weight	
						10 in. To	ft. lbs./ft.	
TOP SOIL								
CLAY								
CLAY								
SAND								
CLAY								
SAND								
CLAY								
ROCK								
SANDY CLAY								
SAND VERY FINE								
SAND FINE								
SAND COARSE								
						Open Hole	From ft. To ft.	
						Screen? ☒	Type stainless	Make JOHNSON
						Diameter	Slot/Gauze	Length Set
						10 in.	30	12 ft. 188 ft. 200 ft.
						10 in.	10	10 ft. 200 ft. 210 ft.
						Static Water Level		
						79 ft.	land surface	Measure 06/24/2013
						Pumping Level (below land surface)		
						ft.	hrs.	Pumping at 800 g.p.m.
						Wellhead Completion		
						Pitless adapter manufacturer	MONITOR	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
						bentonite		ft. 176 ft.
						Nearest Known Source of Contamination		
						140 feet	East Direction	Septic tank/drain field Type
						Well disinfected upon completion?	☒ Yes ☐ No	
						Pump ☐ Not Installed	Date Installed	
						Manufacturer's name	GRUNDFOS	
						Model Number	8005 500-2	HP 50 Volt 460
						Length of drop pipe	147 ft	Capacity 800 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 258840 Y 5133582
						Unique Number Verification	Site Plan	Input Date 12/15/2017
						Angled Drill Hole		
						Well Contractor		
						Waskosky Well Drilling	1581	DAVE/KYLE
						Licensee Business	Lic. or Reg. No.	Name of Driller