

703441

County Stearns
Quad Annandale
Quad ID 139D

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

Entry Date 04/26/2004
Update Date 06/06/2017
Received Date 11/17/2004

Well Name LIEBRENZ,	Township 122	Range 27	Dir W	Section 32	Subsection BCCDCA	Well Depth 96 ft.	Depth Completed 96 ft.	Date Well Completed 12/30/2003
Elevation 1012	Elev. Method 7.5 minute topographic map (+/- 5 feet)	Drill Method Non-specified Rotary			Drill Fluid Qwik gel			
Address C/W 226 ALDER RD SOUTH HAVEN MN 55382						Use domestic	Status Active	
Stratigraphy Information						Well Hydrofractured? Yes ☐ No ☒	From	To
Geological Material						Casing Type Single casing	Joint Glued	
CLAY						Drive Shoe? Yes ☐ No ☐	Above/Below	
CLAY & SAND						Casing Diameter 4 in.	Weight 90 ft.	Hole Diameter 6.7 in.
WATER SAND								96 ft.
						Open Hole	From	To
						Screen? ☒	Type stainless	Make JOHNSON
						Diameter 4 in.	Slot/Gauze 8	Length 6 ft.
							Set 90 ft.	ft. 96 ft.
						Static Water Level		
						30 ft.	land surface	Measure 12/23/2003
						Pumping Level (below land surface)		
						50 ft.	1 hrs.	Pumping at 15 g.p.m.
						Wellhead Completion		
						Pitless adapter manufacturer	BULLDOG	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
						high solids bentonite	2 Sacks	6 ft. 30 ft.
						Nearest Known Source of Contamination		
						70 feet	East Direction	Sewer Type
						Well disinfected upon completion?	☒ Yes ☐ No	
						Pump ☐ Not Installed	Date Installed	10/14/2004
						Manufacturer's name	AERMOTOR	
						Model Number	T1250	HP 0.5
						Length of drop pipe	60 ft	Capacity 12 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	Depth to Bedrock
						Located by	Minnesota Department of Health	ft
						Locate Method	GPS SA Off (averaged) (15 meters)	
						System	UTM - NAD83, Zone 15, Meters	X 412590 Y 5020557
						Unique Number Verification		Input Date 04/19/2004
						Angled Drill Hole		
						Well Contractor		
						Mattson Well Co.	86108	OESTREICH, D.
						Licensee Business	Lic. or Reg. No.	Name of Driller