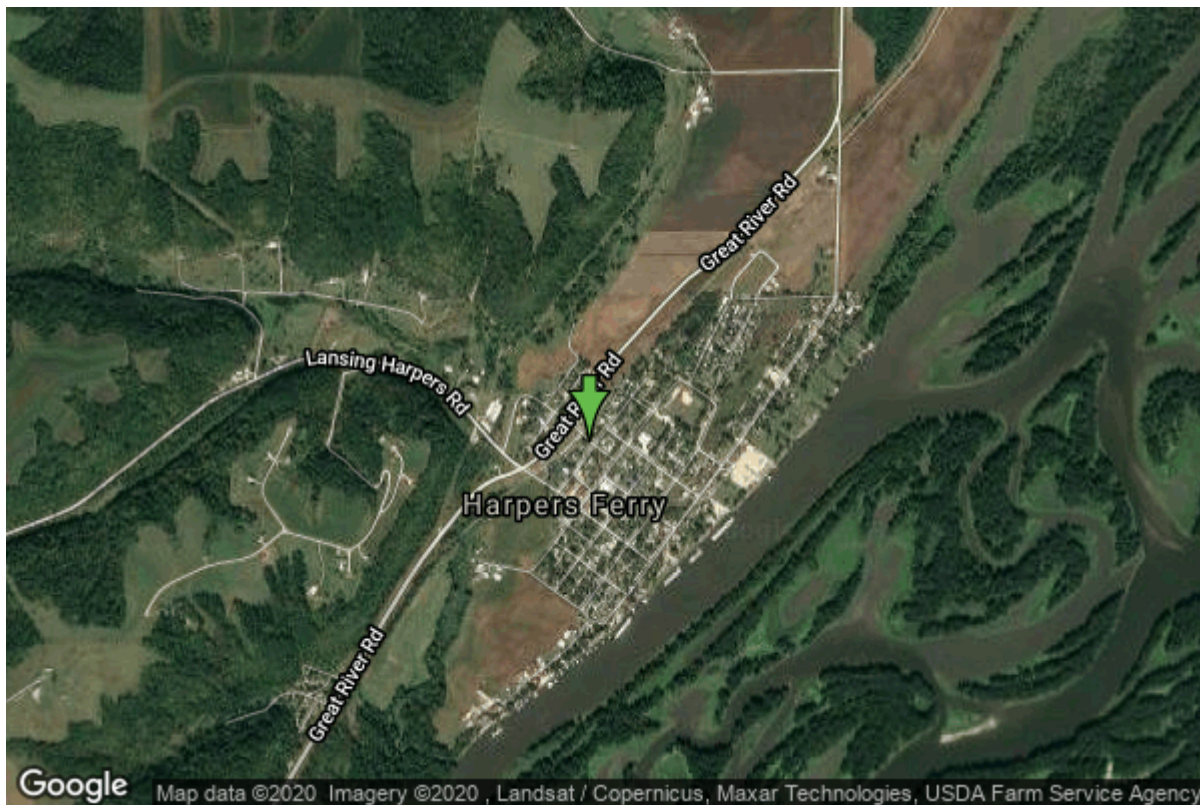


Well W#89226 Information



Date Received		State	Iowa
Owner Name	Harpers Ferry, City of	County	Allamakee
Alt Name	City Complex #1	Quadrangle	Harpers Ferry, Iowa-Wis.
WNumber	89226	Township	T97N
PWTS ID	0	Range	R3W
PWS ID	330001	Section	24
Storet ID	0	Quarter	SW NW NW
SDWIS ID	0	Latitude	43.2024599300
USGS ID	0	Longitude	-91.1513613300
Project Operator		Accuracy	
		UTM X	650185
		UTM Y	4784957
<hr/>			
Site Type	Drilled hole	Drilling Company	B & B Drilling
Well Status	Active	Drilling Date	06/04/2018
Field Located	No	Drilling Method	Rotary
Elevation	653 ft	Bedrock Depth	148 ft
Elevation Accuracy	Topo Map Accurate to 2 ft	Well Depth	272 ft
Landscape Position	Unknown	Total Depth	272 ft
		Well Types	Commercial, Public Supply
		Aquifers	

Hole Construction Information

Date	06/04/2018	Depth	272.00 ft
Diameter	8.00 in		
Comments			

Date	06/04/2018	Depth	161.00 ft
Diameter	12.00 in		
Comments			

Date	06/04/2018	Depth	20.00 ft
Diameter	14.00 in		
Comments			

Casing Construction Information

Date	06/04/2018	Casing Type	Steel
Start Depth	-3.00 ft	End Depth	161.00 ft
Diameter	8.00 in	Amount	164.00 ft
Comments			

Grout Construction Information

Date	06/04/2018	Grout Placement	Tremie
Grout Type	Cement	End Depth	161.00 ft
Start Depth	0.00 ft		
Comments			

Log Information

Date	06/04/2018
Log Types	Drillers log
Prepared By	B & B Drilling
Comments	

Formation Information

Formation Color	Brown	Formation Lithology	soil or fill
Start Depth	0.00 ft	End Depth	3.00 ft
Comments			

Formation Color	Brown	Formation Lithology	sandy clay
Start Depth	3.00 ft	End Depth	16.00 ft
Comments			

Formation Color	Brown	Formation Lithology	sand
Start Depth	16.00 ft	End Depth	52.00 ft
Comments	course		
Formation Color	Brown	Formation Lithology	sand
Start Depth	52.00 ft	End Depth	120.00 ft
Comments	fine		
Formation Color	Brown	Formation Lithology	sand
Start Depth	120.00 ft	End Depth	148.00 ft
Comments	course		
Formation Color	Brown	Formation Lithology	limestone
Start Depth	148.00 ft	End Depth	152.00 ft
Comments	broken		
Formation Color	Brown	Formation Lithology	shale
Start Depth	152.00 ft	End Depth	153.00 ft
Comments			
Formation Color	Gray	Formation Lithology	sandstone
Start Depth	153.00 ft	End Depth	269.00 ft
Comments			
Formation Color	Gray	Formation Lithology	limestone
Start Depth	269.00 ft	End Depth	272.00 ft
Comments			

Water Production Information

Date	06/04/2018	Start Time	
Aquifer	Unknown		
Static Water Level	23.00 ft	Yield	150 gallons per minute
Pumping Water Level	130 ft	Yield Method	Estimate
Measurement	Sonic	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments			

<https://www.iuhr.uiowa.edu/igs/geosam/well/89226/general-information>