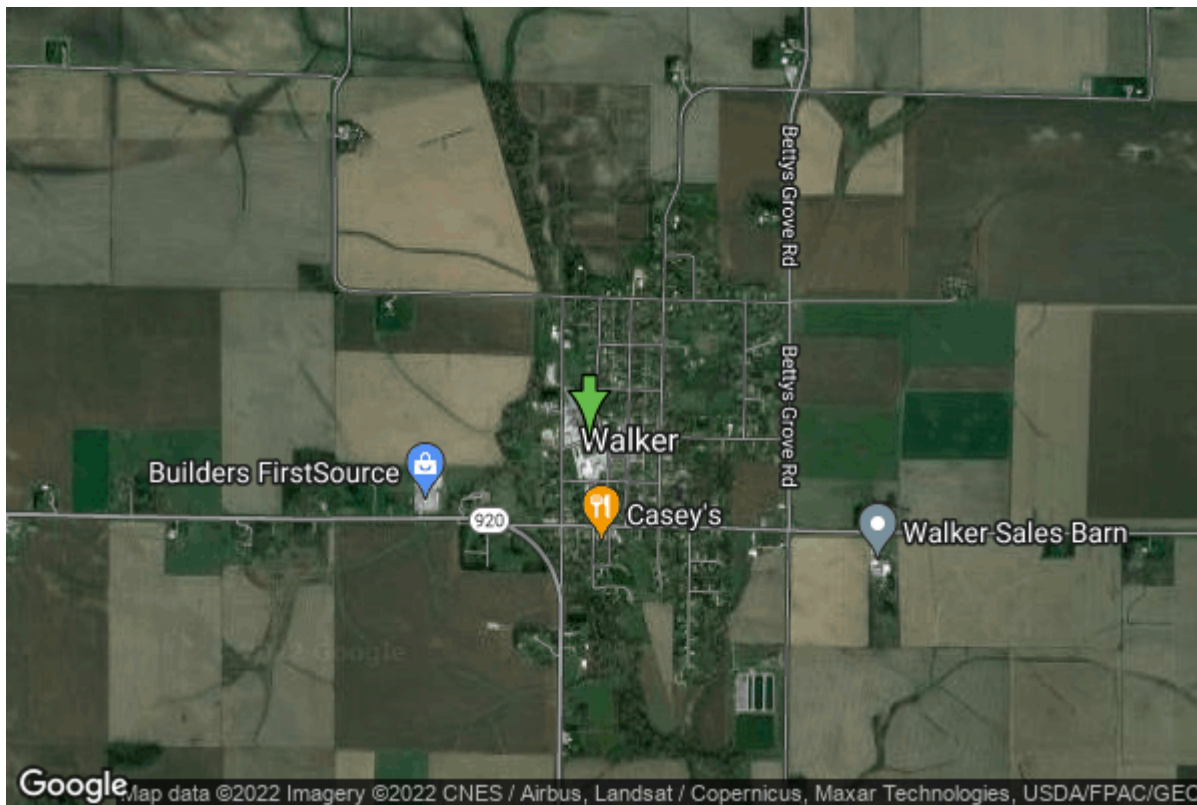


Well W#17349 Information



Date Received		State	Iowa
Owner Name	Walker, City Of	County	Linn
Alt Name	#2	Quadrangle	Walker, Iowa
WNumber	17349	Township	T86N
PWTS ID	0	Range	R8W
PWS ID	5792059	Section	4
Storet ID	31570004	Quarter	SE SW NW
SDWIS ID	2411152	Latitude	42.2865700000
USGS ID	421723091465002	Longitude	-91.7817700000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	600438
		UTM Y	4682313

Site Type	Drilled hole	Drilling Company	Hoeg & Ames (H.M. White)
Well Status	Active	Drilling Date	08/04/1965
Field Located	No	Drilling Method	Cable
Elevation	887 ft	Bedrock Depth	33 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	1525 ft
Landscape Position	Unknown	Total Depth	1525 ft
		Well Types	Municipal, Public Supply
		Aquifers	Cambrian-Ordovician, Ordovician, Silurian

Casing Construction Information

Date	08/04/1965	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	259.00 ft
Diameter	8.00 in	Amount	261.00 ft
Comments			

Date	08/04/1965	Casing Type	Steel
Start Depth	426.00 ft	End Depth	680.00 ft
Diameter	6.00 in	Amount	254.00 ft
Comments			

Date	08/04/1965	Casing Type	Steel
Start Depth	882.00 ft	End Depth	1045.00 ft
Diameter	5.00 in	Amount	163.00 ft
Comments			

Log Information

Date	08/04/1965
Log Types	Pump Test
Prepared By	Hoeg & Ames (H.M. White)
Comments	

Date	01/01/1965
Log Types	Strip log
Prepared By	Northup, Richard Cox
Comments	

Date	
Log Types	Drillers log
Prepared By	
Comments	

Stratigraphy Information

System	Quaternary		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	2.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Soil Or Fill	Percent	100

Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	2.00 ft	End Depth	33.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	0
Secondary Lithology	Sand	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member	Solon		
Submember			
Start Depth	33.00 ft	End Depth	75.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Davenport		
Submember			
Start Depth	75.00 ft	End Depth	110.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Devonian		
Series			
Group	Wapsipinicon		

Formation	Pinicon Ridge		
Member	Spring Grove		
Submember			
Start Depth	110.00 ft	End Depth	123.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Kenwood		
Submember			
Start Depth	123.00 ft	End Depth	155.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Otis		
Member			
Submember			
Start Depth	155.00 ft	End Depth	165.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Otis		
Member			
Submember			
Start Depth	165.00 ft	End Depth	195.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100

Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Silurian		
Series			
Group			
Formation	Laporte City		
Member			
Submember			
Start Depth	195.00 ft	End Depth	260.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Chert/Chalcedony	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			

System	Silurian		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	260.00 ft	End Depth	375.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Silurian		
Series			
Group			
Formation	Blanding		
Member			
Submember			
Start Depth	375.00 ft	End Depth	425.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Silurian		
Series			
Group			

Formation Member Submember	Tete Des Morts/Mosalem Undiff.		
Start Depth	425.00 ft	End Depth	441.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System Series Group	Ordovician		
Formation Member Submember	Maquoketa Brainard Shale		
Start Depth	441.00 ft	End Depth	475.00 ft
Contact Accuracy Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System Series Group	Ordovician		
Formation Member Submember	Maquoketa Ft. Atkinson Limestone		
Start Depth	475.00 ft	End Depth	547.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			
System Series Group	Ordovician		
Formation Member Submember	Maquoketa Clermont Shale		
Start Depth	547.00 ft	End Depth	580.00 ft
Contact Accuracy Penetration			
Primary Lithology	Shale	Percent	100

Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member	Elgin Limestone		
Submember			
Start Depth	580.00 ft	End Depth	670.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			
System	Unknown		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	670.00 ft	End Depth	760.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			
System	Ordovician		
Series			
Group	Galena		
Formation	Dunleith		
Member			
Submember			
Start Depth	760.00 ft	End Depth	870.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			
System	Ordovician		
Series			
Group	Galena		

Formation Member Submember	Decorah Ion		
Start Depth	870.00 ft	End Depth	890.00 ft
Contact Accuracy Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
<hr/>			
System Series	Ordovician		
Group	Galena		
Formation	Decorah		
Member	Guttenberg		
Submember			
Start Depth	890.00 ft	End Depth	910.00 ft
Contact Accuracy Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
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System Series	Ordovician		
Group	Galena		
Formation	Decorah		
Member	Spechts Ferry		
Submember			
Start Depth	910.00 ft	End Depth	915.00 ft
Contact Accuracy Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
<hr/>			
System Series	Ordovician		
Group	Galena		
Formation	Platteville		
Member	Mcgregor		
Submember			
Start Depth	915.00 ft	End Depth	962.00 ft
Contact Accuracy Penetration			
Primary Lithology	Limestone	Percent	0

Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member	Pecatonica		
Submember			
Start Depth	962.00 ft	End Depth	980.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member	Harmony Hill		
Submember			
Start Depth	980.00 ft	End Depth	985.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member			
Submember			
Start Depth	985.00 ft	End Depth	1017.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		

Formation	Shakopee		
Member	Willow River		
Submember			
Start Depth	1017.00 ft	End Depth	1165.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member	New Richmond		
Submember			
Start Depth	1165.00 ft	End Depth	1208.00 ft
Contact Accuracy Penetration			
Primary Lithology	Sandstone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Oneota		
Member			
Submember			
Start Depth	1208.00 ft	End Depth	1427.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Sandstone	Percent	0
Comments			

System	Cambrian		
Series			
Group			
Formation	Jordan		
Member			
Submember			
Start Depth	1427.00 ft	End Depth	1512.00 ft
Contact Accuracy Penetration			
Primary Lithology	Sandstone	Percent	0

Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Cambrian		
Series			
Group			
Formation	St. Lawrence		
Member			
Submember			
Start Depth	1512.00 ft	End Depth	1525.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	08/01/2014	Start Time	
Aquifer			
Static Water Level	216.00 ft	Yield	0 gallons per minute
Pumping Water Level	220 ft	Yield Method	
Measurement	Airline	Pump Test	No
Pump Method		Duration	0 mins
Comments	Reported on DNR 2014 Jordan Questionnaire		

Date	08/04/1965	Start Time	
Aquifer	Unknown		
Static Water Level	39.00 ft	Yield	215 gallons per minute
Pumping Water Level	219 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	Yes
Pump Method	Unknown	Duration	0 mins
Comments	SWL 95.5 8/5/65 ???		

Chip Storage Information

Date		Bin	
Storage	PL6-193->196	Number of Samples	304
Number of Boxes	4	Sample Gaps	
Sample Intervals	5	Sample Bottom	1525 ft
Sample Top	0 ft	Washed Bottom	1525 ft
Washed Top	33 ft		
Duplicate Storage			
Comments			

<https://www.ihr.uiowa.edu/igs/geosam/well/17349/general-information>