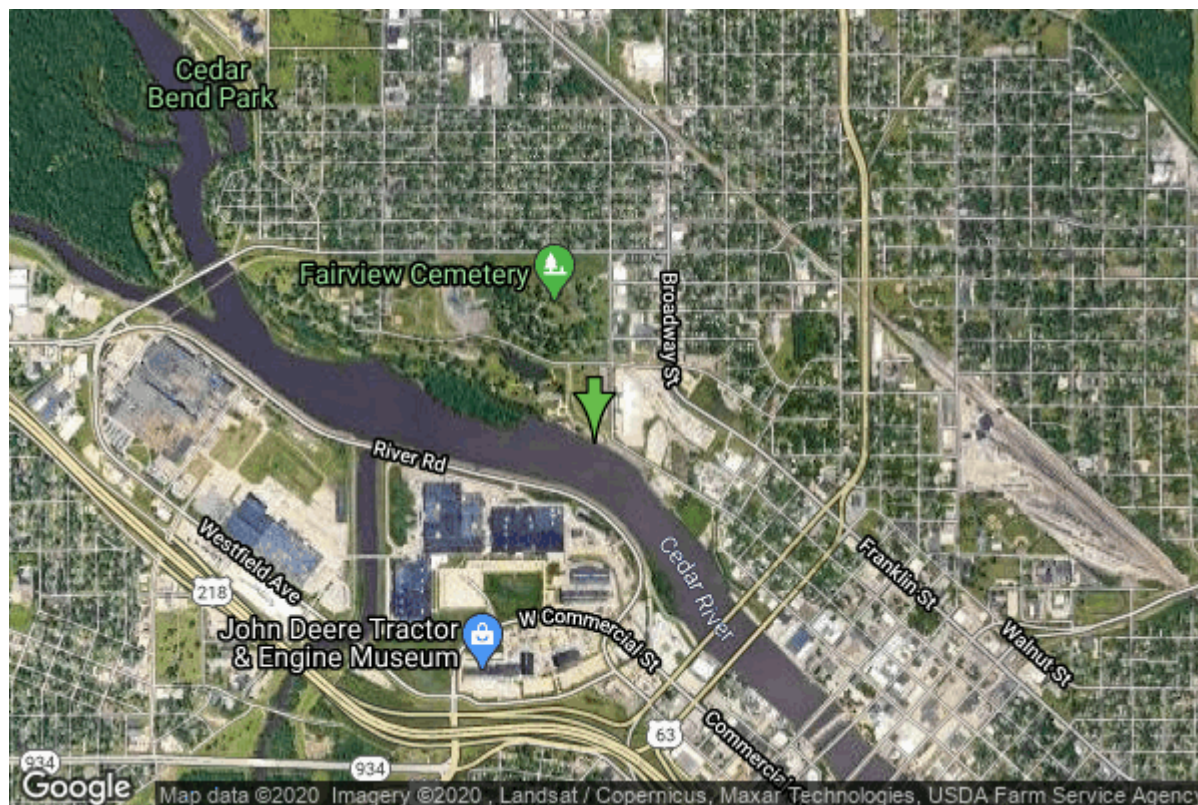


# Well W#30060 Information



<b>Date Received</b>		<b>State</b>	Iowa
<b>Owner Name</b>	Waterloo, City Of	<b>County</b>	Black Hawk
<b>Alt Name</b>	Well #4	<b>Quadrangle</b>	Waterloo North, Iowa
<b>WNumber</b>	30060	<b>Township</b>	T89N
<b>PWTS ID</b>	0	<b>Range</b>	R13W
<b>PWS ID</b>	790074	<b>Section</b>	23
<b>Storet ID</b>	0	<b>Quarter</b>	NW SE SE
<b>SDWIS ID</b>	0	<b>Latitude</b>	42.5061000000
<b>USGS ID</b>	0	<b>Longitude</b>	-92.3476010000
<b>Project</b>	Source Water Protection	<b>Accuracy</b>	
<b>Operator</b>	Unknown	<b>UTM X</b>	553600
		<b>UTM Y</b>	4706177

<b>Site Type</b>	Drilled hole	<b>Drilling Company</b>	Unknown
<b>Well Status</b>	Not Used	<b>Drilling Date</b>	01/01/1914
<b>Field Located</b>	No	<b>Drilling Method</b>	Unknown
<b>Elevation</b>	844 ft	<b>Bedrock Depth</b>	20 ft
<b>Elevation Accuracy</b>	Digital Elevation Model Accurate to 5 ft	<b>Well Depth</b>	1378 ft
<b>Landscape Position</b>	Valley	<b>Total Depth</b>	1378 ft
		<b>Well Types</b>	Municipal
		<b>Aquifers</b>	Cambrian-Ordovician

## Log Information

<b>Date</b>	
<b>Log Types</b>	Strip log

Prepared By                      Unknown  
Comments

## Stratigraphy Information

System                      Unknown  
Series  
Group  
Formation  
Member  
Submember  
Start Depth                      0.00 ft                      End Depth                      20.00 ft  
Contact Accuracy  
Penetration  
Primary Lithology                      Percent  
Secondary Lithology                      Percent  
Tertiary Lithology                      Percent  
Comments

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System                      Unknown  
Series  
Group  
Formation  
Member  
Submember  
Start Depth                      20.00 ft                      End Depth                      100.00 ft  
Contact Accuracy  
Penetration  
Primary Lithology                      Limestone                      Percent                      100  
Secondary Lithology                      Percent  
Tertiary Lithology                      Percent  
Comments

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System                      Devonian  
Series  
Group                      Wapsipinicon  
Formation  
Member  
Submember  
Start Depth                      100.00 ft                      End Depth                      200.00 ft  
Contact Accuracy  
Penetration  
Primary Lithology                      Limestone                      Percent                      0  
Secondary Lithology                      Shale                      Percent                      0  
Tertiary Lithology                      Percent  
Comments

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System                      Silurian

**Series**  
**Group**  
**Formation**  
**Member**  
**Submember**  
**Start Depth** 200.00 ft **End Depth** 300.00 ft  
**Contact Accuracy**  
**Penetration**  
**Primary Lithology** Dolomite **Percent** 100  
**Secondary Lithology** **Percent**  
**Tertiary Lithology** **Percent**  
**Comments**

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**System** Ordovician  
**Series**  
**Group**  
**Formation** Maquoketa  
**Member**  
**Submember**  
**Start Depth** 300.00 ft **End Depth** 575.00 ft  
**Contact Accuracy**  
**Penetration**  
**Primary Lithology** Shale **Percent** 100  
**Secondary Lithology** **Percent**  
**Tertiary Lithology** **Percent**  
**Comments**

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**System** Unknown  
**Series**  
**Group**  
**Formation**  
**Member**  
**Submember**  
**Start Depth** 575.00 ft **End Depth** 850.00 ft  
**Contact Accuracy**  
**Penetration**  
**Primary Lithology** Limestone **Percent** 100  
**Secondary Lithology** **Percent**  
**Tertiary Lithology** **Percent**  
**Comments**

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**System** Ordovician  
**Series**  
**Group** Galena  
**Formation** Platteville  
**Member**  
**Submember**  
**Start Depth** 850.00 ft **End Depth** 900.00 ft  
**Contact Accuracy**

<b>Penetration</b>			
<b>Primary Lithology</b>	Shale	<b>Percent</b>	0
<b>Secondary Lithology</b>	Limestone	<b>Percent</b>	0
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Ancell		
<b>Formation</b>	St. Peter Sandstone		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	900.00 ft	<b>End Depth</b>	925.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Prairie Du Chien		
<b>Formation</b>	Shakopee		
<b>Member</b>	Willow River		
<b>Submember</b>			
<b>Start Depth</b>	925.00 ft	<b>End Depth</b>	1100.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
<b>Series</b>			
<b>Group</b>	Prairie Du Chien		
<b>Formation</b>	Shakopee		
<b>Member</b>	New Richmond		
<b>Submember</b>			
<b>Start Depth</b>	1100.00 ft	<b>End Depth</b>	1150.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Ordovician		
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<b>Series</b>			
<b>Group</b>	Prairie Du Chien		
<b>Formation</b>	Oneota		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	1150.00 ft	<b>End Depth</b>	1275.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Dolomite	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Cambrian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	Jordan		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	1275.00 ft	<b>End Depth</b>	1375.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

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<b>System</b>	Cambrian		
<b>Series</b>			
<b>Group</b>			
<b>Formation</b>	St. Lawrence		
<b>Member</b>			
<b>Submember</b>			
<b>Start Depth</b>	1375.00 ft	<b>End Depth</b>	1378.00 ft
<b>Contact Accuracy</b>			
<b>Penetration</b>			
<b>Primary Lithology</b>	Sandstone	<b>Percent</b>	100
<b>Secondary Lithology</b>		<b>Percent</b>	
<b>Tertiary Lithology</b>		<b>Percent</b>	
<b>Comments</b>			

<https://www.ihr.uiowa.edu/igs/geosam/well/30060/general-information>