C:\app\Flex\PW_Web_compiledx\assets\images\i_hydro_30.png **Groundwater Data Sources**

The [Groundwater Center](http://www.uwsp.edu/cnr-ap/watershed/Pages/GWHome.aspx), UWSP, Private Wells Database contributed 119,458 samples with a mix of all the display parameters.

The [WI Dept of Agriculture, Trade, and Consumer Protection](https://datcp.wi.gov/Pages/Homepage.aspx) provided 8,877 samples with Atrazine and/or Nitrate data.

The WI Dept of Natural Resources [GRN](http://prodoasext.dnr.wi.gov/inter1/grn$.startup) system added 52,634 samples with Nitrate and/or Arsenic data from private potable water supply wells, and the [Private Well Sampling Requirements](https://dnr.wi.gov/files/PDF/pubs/DG/DG0088.pdf) of NR812 provided 59,677 additional samples for Nitrate and/or Arsenic.

The [Eau Claire City-County Health Dept](https://www.eauclairewi.gov/government/our-divisions/health-department) provided 2,189 analyses for Arsenic, Bacteria, and/or Nitrate.

The [La Crosse County Health Department](http://www.co.la-crosse.wi.us/health/) provided 5,381 analyses with a mix of parameters, primarily Nitrate, Bacteria, and Arsenic.

C:\app\Flex\PW_Web_compiledx\assets\images\i_demographics_30.png **Contacts**

Questions concerning content, interpretation, or problems using this application should be directed to the [Groundwater Center Office](mailto:gndwater@uwsp.edu).

A staff contact list for the Center for Watershed Science and Education can be found at [CWSE Contacts](http://www.uwsp.edu/cnr-ap/watershed/Pages/ContactUs.aspx).

C:\app\Flex\PW_Web_compiledx\assets\images\i_layers.png **Basemaps**

Basemaps are provide by ESRI ArcGIS Online: [Dark Gray Canvas](http://www.arcgis.com/home/item.html?id=1970c1995b8f44749f4b9b6e81b5ba45)

[Imagery](http://www.arcgis.com/home/item.html?id=10df2279f9684e4a9f6a7f08febac2a9)

[Imagery with Labels](http://www.arcgis.com/home/item.html?id=716b600dbbac433faa4bec9220c76b3a)

[Light Gray Canvas](http://www.arcgis.com/home/item.html?id=8b3d38c0819547faa83f7b7aca80bd76)

[National Geographic Map](http://www.arcgis.com/home/item.html?id=d94dcdbe78e141c2b2d3a91d5ca8b9c9)

[Oceans](http://www.arcgis.com/home/item.html?id=2adf08a4a1a84834a773805a6e86f69e)

[Open Street Map](http://www.arcgis.com/home/item.html?id=b834a68d7a484c5fb473d4ba90d35e71)

[Streets](http://www.arcgis.com/home/item.html?id=8bf7167d20924cbf8e25e7b11c7c502c)

[Terrain with Labels](http://www.arcgis.com/home/item.html?id=fe44cf9a739848939988addfeba473e4)

[Topographic](https://www.arcgis.com/home/item.html?id=30e5fe3149c34df1ba922e6f5bbf808f)

[USA Topo Maps](https://www.arcgis.com/home/item.html?id=99cd5fbd98934028802b4f797c4b1732)

[USGS National Map](https://basemap.nationalmap.gov/arcgis/rest/services/USGSTopo/MapServer)

C:\app\Flex\PW_Web_compiledx\assets\images\i_globe_30.png **ArcGIS Viewer for JavaScript**

This application and widgets were developed with [ESRI](http://www.esri.com/)’s [Web AppBuilder for ArcGIS (Developer Edition)](https://developers.arcgis.com/web-appbuilder/) framework and [API for JavaScript](https://developers.arcgis.com/javascript/3/) .

**References**

Mechenich, D and Johnson, A. 2022. Interactive Well Water Quality Viewer version 4.1., Center for Watershed Science and Education, University of Wisconsin-Stevens Point/University of Wisconsin-Madison Division of Extension. Available at <https://gissrv3.uwsp.edu/webapps/gwc/pri_wells/>. Last updated January 2022.