

How to Download ORSANCO's Bimonthly Program Data from EPA's Water Quality Portal

- Go to <https://www.waterqualitydata.us/#advanced=true>
- Click 'Advanced'
- Under 'Select Location Parameters'
 - ORSANCO's Organization IDs
 - 31ORWUNT_WQX
 - Project ID from 2009 to present
 - 31ORWUNT
 - Project ID from 1999 to 2008
 - Use the other fields to search by location if you do not want all 34 bimonthly site locations.

Basic **Advanced**

Select Location Parameters

Specify location parameters to describe the spatial extent of the desired dataset. All fields are optional.

Country ⓘ All Countries	Point Location ⓘ Within <input type="text"/>	Bounding Box ⓘ North: <input type="text" value="90"/>	Site Type ⓘ All Site Types
State ⓘ All States	miles of Latitude <input type="text" value="0"/>	South: <input type="text" value="-90"/>	Organization ID ⓘ 31ORWUNT_W... 31ORWUNT - O...
County ⓘ All Counties	Longitude <input type="text" value="0"/>	East: <input type="text" value="180"/>	Site ID ⓘ All Site IDs
	<input type="button" value="Use my location"/>	West: <input type="text" value="-180"/>	HUC ⓘ All HUCs

- Under 'Filter Results'
 - Bimonthly Project ID – BI-01
 - Sample Media – Water
 - Change the date range to the desired dates.
 - This site has data 1999 to present

- For 1975 to 1999 data, please email Bridget Taylor (btaylor@orsanco.org)

Filter Results —

Specify data source, date range, and sampling filters to apply to the desired dataset. All fields are optional.

<p>Sample Media ⓘ</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">Water (NWIS, STEWARDS, S...</div> <p>Characteristic Group ⓘ</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">All Characteristic Groups</div> <p>Characteristics ⓘ</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">All Characteristics</div> <p>Project ID ⓘ</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">BI-01 (STORET)</div>	<p>Parameter Code (NWIS ONLY) ⓘ</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">All Parameter Codes</div> <p>Biological Parameters Assemblage ⓘ</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">All Assemblages</div> <p>Taxonomic Name ⓘ</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">All Taxonomic Names</div>	<p>Date Range ⓘ</p> <p><small>Dates should be entered as mm-dd-yyyy, mm-yyyy, or yyyy from:</small></p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">01-01-2016</div> <p>to:</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">01-01-2017</div> <p>Minimum Sampling Activities Per Site ⓘ</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">1</div> <p>Minimum Results Per Site ⓘ</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">1</div>
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- Narrow down results by selecting Characteristic Group you want or certain Characteristics. Characteristics available in the Bimonthly sampling program are below:

Characteristic Name	Sample Fraction Required	WQX Characteristic Name (In Config File)	Method Specification (In Config File)
Ammonia (NH3-N)	Total	Ammonia	as NH4
Carbon, organic	Total	Organic carbon	as C
Chloride	Total	Chloride	as Cl
Cyanide	Total	Cyanide	
Dissolved Oxygen	Not Req	Dissolved oxygen (DO)	as O2
Hardness	Not Req	Hardness, carbonate	as CaCO3
Nitrogen/Nitrate	Total	Nitrate + Nitrite	as N
pH	Not Req	pH	
Phenols	Total	Phenols	
Phosphorus	Total	Phosphorus	as P
Specific Conductivity	Not Req	Specific Conductivity	
Sulfate	Total	Sulfate	as SO4
Temperature	Not Req	Temperature, water	
Total Kjeldahl Nitrogen	Total	Kjeldahl nitrogen	as N
Total Suspended Solids	Total	Total Suspended Solids	
Bromide	Total	Bromide	
Total Dissolved Solids	Total	Total Dissolved Solids	
Total Nitrogen, mixed forms	Total	Total Nitrogen, mixed forms	as N
Turbidity	Not Req	Turbidity	
Dissolved Organic Carbon	Filtered, field	Organic carbon	
Ortho Phosphate	Filtered, field	Orthophosphate	as P

Biochemical Oxygen Demand	Total	Biochemical oxygen demand, standard conditions	
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- Under 'Download the Data'
 - Check all data sources
 - Check desired file format
 - Data Profiles -> 'Sample Results (physical/chemical metadata)' to get the Bimonthly program results

Download the Data —

<p>Data Source ⓘ</p> <p><input checked="" type="checkbox"/> NWIS (USGS)</p> <p><input checked="" type="checkbox"/> STEWARDS (ARS)</p> <p><input checked="" type="checkbox"/> WQX (EPA)</p> <p>File Format ⓘ</p> <p><input type="checkbox"/> Comma-Separated</p> <p><input type="checkbox"/> Tab-Separated</p> <p><input checked="" type="radio"/> MS Excel 2007+</p>	<p>Data Profiles ⓘ</p> <p><input type="radio"/> Organization Data</p> <p><input type="radio"/> Site Data Only</p> <p><input type="radio"/> Project Data</p> <p><input type="radio"/> Project Monitoring Location Weighting Data</p> <p><input checked="" type="radio"/> Sample Results (physical/chemical metadata)</p> <p><input type="radio"/> Sample Results (biological metadata)</p> <p><input type="radio"/> Sample Results (narrow)</p> <p><input type="radio"/> Sampling Activity</p> <p><input type="radio"/> Sampling Activity Metrics</p> <p><input type="radio"/> Result Detection Quantitation Limit Data</p> <p><input type="radio"/> Biological Habitat Metrics</p>
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- Scroll down and Click 'Download'

Results Metadata

- Activity Type
 - Field Msr/Obs = Physical parameters from a water quality datasonde
 - Sample-Routine = Normal sample
 - Quality Control Sample-Field Blank = Blank sample
 - Quality Control Sample-Field Replicate = Duplicate sample