

| Activity | Description | Additional Information |
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| Water Quality and Habitat Improvement Projects | <p>These are projects expected to improve environmental conditions in WLEB via sediment and nutrient reduction, habitat restoration, green infrastructure, runoff reduction, and improvement of sewage systems. Projects are divided between large scale (square feet to square miles), small scale (square feet), and stream scale (projects strictly in rivers/streams/creeks/ditches). Project-specific information can be found by clicking on the project icon and following the URL in the pop-up window. All projects shown are either completed or in-progress.</p> | <p>glrimap.glc.org/ www.toledowaterwaysinitiative.com/ tmacog.maps.arcgis.com/ www.sustainourgreatlakes.org/projects/</p> |
| Water Quality Sampling Locations | <p>Stream and open water nutrient sampling locations represent point locations of water quality monitoring data collected by different water resource management groups and educational institutions. Included here is data going back to the year 2000 from three states covering the study area. Individual analytical data records can be obtained by clicking on a sample location and then selecting the “More Info” link at the bottom of the pop-up table. The link will provide an Excel version of the analytical data for the user to download.</p> <p>The sampling data included in this inventory was obtained from the US EPA STORET data water quality exchange and Heidelberg University, National Center for Water Quality Research.</p> | <p>www.epa.gov/waterdata/ www.heidelberg.edu/academics/</p> |
| Western Lake Erie Buoys | <p>There are currently six water quality monitoring buoys deployed in open waters of western Lake Erie. These buoys monitor water quality in real-time, determined from buoy sensors (known as a sonde) which can measure water temperature, conductivity, pH, oxygen-reduction potential (ORP), total dissolved solids (TDS), turbidity, total algae (blue-green algae and chlorophyll), and dissolved oxygen. Individual buoy data can be found by clicking on the buoy icon and following the URL in the pop-up window.</p> | <p>toledo.oh.gov/services/public-utilities/water-treatment/ http://glbuoys.glos.us/</p> |
| Municipal Separate Storm Sewer Systems (MS4s) | <p>In order to protect and improve the nation’s water resources, the US EPA implemented the Storm Water Phase II Rule. This rule applies to all small municipal separate storm sewer systems (MS4s) in urbanized areas. MS4 permittees are required to employ six minimum control measures that are expected to reduce discharge of pollutants into water bodies. MS4 data is shown here by permittee size (University, Township, City, and County), and shows the areal extent of each permit. The City of Toledo is listed as a Phase I MS4 as it was considered an MS4 permittee during the first phase of the rule’s implementation. While the US EPA implemented the MS4 program, individual permits are handled by state-level environmental regulators.</p> | <p>www.epa.ohio.gov/dsw/storm/ms4.aspx State-specific MS4 Permit Information epa.ohio.gov/dsw/permits/gplist www.michigan.gov/deq/ www.in.gov/idem/stormwater/</p> |