Welcome to Oregon Department of Environmental Quality, Standards and Assessment’s 2018 Integrated Report Web Map Application. This application displays the Integrated Report by overall status of an assessment unit. An impaired assessment unit means one or more of the assessed pollutants do not meet the interpretation of water quality standards, as outlined in the methodology. The application also provides all applicable Water Quality Standards, designated beneficial uses and TMDL information. Users can produce maps and export data for an in-depth review of proposed impairments. Use the following link to access the web map:

https://hdegcx2.deq.state.or.us/HVR291/?viewer=wqsa

DEQ recommends using the current version of Google Chrome for this application. However, this Geocortex Viewer for HTML5 has been tested on the following desktop browsers.

- Google Chrome (current version recommended)
- Mozilla Firefox (current version recommended)
- Microsoft Edge (current version recommended)
- Microsoft Internet Explorer 11.0 and greater

DISCLAIMER - READ BEFORE LAUNCHING VIEWER

The maps and information provided by Oregon DEQ's Interactive Mapping Viewer is for informational purposes and may not have be prepared for, or be suitable for legal, engineering or surveying purposes. This information or data is provided with the understanding that conclusions drawn from such information are the responsibility of the user. The base maps in the background are provided and maintained by ESRI. Oregon DEQ cannot guarantee the quality, content, accuracy, completeness, or currency of the information transmitted by this viewer, and provides such information without expressed or implied warranties, subject to the terms and conditions stated in this Disclaimer. While we make every attempt to provide accurate, complete, and up-to-date information, Oregon DEQ shall not be held responsible for any discrepancies contained herein. Use of the Stream Location Identity Tool Interactive Mapping Viewer constitutes acceptance of all terms and conditions in this Disclaimer.
Home page appearance

Basic parts of the map application
**Using the map toolbars**

There are two tabs containing tools available for your use: Navigation and Tools.

**Navigation toolbar**

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<tr>
<th>Navigation</th>
<th>Tools</th>
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<tbody>
<tr>
<td><img src="image" alt="Bookmarks" /></td>
<td><img src="image" alt="Initial View" /></td>
</tr>
<tr>
<td><img src="image" alt="Zoom In" /></td>
<td><img src="image" alt="Zoom Out" /></td>
</tr>
<tr>
<td><img src="image" alt="Pan" /></td>
<td><img src="image" alt="Previous Extent" /></td>
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</table>

**Bookmarks** allow you to “save” the current extent of the map. Clicking this will request a bookmark name. *Saved Bookmarks can be viewed until your browser history is cleared.*

**Initial View** will center the map view on the State of Oregon boundaries.

**Zoom In** will direct you to click on the map, (hold left mouse button down) to draw a rectangle on an area of interest on the map. *Smaller rectangles will zoom in further to your selected area.* For example, it can be used to move from viewing the whole state to seeing an individual county.

**Zoom Out** will direct you to clock on the map (hold left button mouse down) to draw a rectangle on an area of interest on the map. For example, it can be used to move from viewing an individual county to seeing the whole state.

**Pan** Clicking this allows you move around the map smoothly by holding down the left button and moving mouse.

**Previous Extent** takes you back to the area you were before you changed the map area by zooming in or out.
Tools toolbar

The “tools” toolbar is divided into sections, from left to right: Basic Tools, Measure and Find Data. When a grey triangle is next to an icon, clicking on the triangle will display additional tool options.

<table>
<thead>
<tr>
<th>Navigation</th>
<th>Tools</th>
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<tbody>
<tr>
<td>Home</td>
<td>Export</td>
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<tr>
<td>Basic Tools</td>
<td>Measure</td>
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Basic tools

**Home** takes you to an opening page with map information and some tips on using the application.

**Export** is used to create an image of the map current extent. Select one of several image formats, including JPEG, TIFF and PDF.

**Plot Coordinates** allows you to select a map coordinate system and input Lat and Lon coordinates; these will then be plotted on the map. Several coordinates can be plotted on the map.

Measure

**Distance** allows you to measure linear distance in various units of measurement.

**Area** allows you to measure polygon area and perimeter in various units of measurement.
Find Data

Find Data allows you to select features from layers on the map by using a point, line, polygon or rectangle.

You can additionally customize the selection process by:
- Enable buffering for the selection
- Enable add results to records already selected
- Enable removing results from those currently selected
- Enable snapping to layers for the selection and choosing which layers to snap to
- Choose the identifiable layers that will return results from your selection.

Query brings up an interface that allows the user to perform simple data queries from the attributes of any of the available layers. Note that query results are limited to 1,000 records for each individual layer. You can limit the query to the current map extent to make sure you are not missing any results in your area of interest.

Filter allows the user to limit what is visible on the map based on a simple attribute query of a data layer. For example, you can query the 2018 Stream Status layer with Impairment Cause(s) contains Temperature to show only those streams that are listed due to temperature.

NHD and River Mile Tool allows a user to determine the river mile and LLID of a stream based on the 1:100,000 hydrography layer. In addition, allows a user to determine the reachcode and percentage along that reach using the NHD-High hydrography dataset.
Helpful Hints

General map navigation
Moving around the map application is similar to Google or Bing maps.

Left click and hold your mouse will let you manually move the map around to center it where you want to work or create a print.

Arrow keys on your keyboard will also move the map center around.

Rotate the mouse scroll wheel forward and back to zoom in and zoom out.

Layers Tab
The “Layers” tab includes a list of all available layers. To add a layer to the current map display, click in the box.

Clicking on the “+” sign displays additional layer options within a category.

A slider bar (see image below) next to a layer allows the user to increase or decrease transparency of that layer by moving left and right.

Legend display
The legend is accessed from the “Layers” tab, next to the “Home” tab. To display a legend, click on the “+” sign next to the category of interest, then click on the “legend button” next to that layer (see image below).

Right click on the map
When you right click on the map, you get several options:

- The address will display, if known
- Latitude and longitude will display for selecting and copying
- Hit the “find data” tool to select features located at the point that was clicked
- Plot a coordinate button will label the coordinates of the location clicked
• Draw a point on the map where the user clicks
• Add some text to the map where the user clicks
• Center the map where the user clicks

**Use the panel actions menu**

![Panel Actions Menu](image)

When you have selection results displayed on the left side panel, click the panel actions menu button (button circled on graphic above) for a variety of options to view or export your selection. The following options are available:

• Switch to table view
• Zoom to all selected records
• Use buffer options to identify features near these results
• Export selected records to CSV, XLSX, or shapefile formats

**Alternative formats**

DEQ can provide documents in an alternate format or in a language other than English upon request. Call DEQ at 800-452-4011 or email deqinfo@deq.state.or.us.