

Wetland Identification Mapping Guide

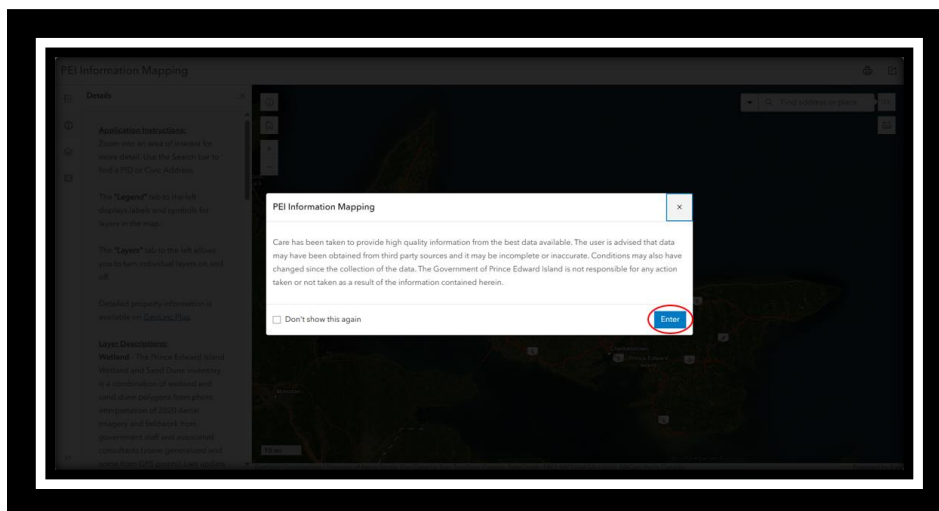


Wetlands help promote healthy ecosystems for all living organisms. This is why all wetlands are protected in PEI. Below is a guide to help landowners better understand where wetlands may be located on their property. By the end of this guide, users will be able to identify mapped wetlands, identify potential wetlands, and measure distances to assist in planning.

The Department of Environment, Energy and Climate Action (EECA) has developed a “Potential Development Restrictions” layer. This layer will appear pink on the map and indicates areas that are likely unsuitable for development due to suspected wetland conditions, based on soil drainage and topography.

[Click this link](#) to access mapping software and follow along:

Introduction Window: Users are reminded that all information provided in this software should only be used as a guide and the Department of Environment, Energy and Climate Action holds the ability to overturn information that is provided in this software. Select “Enter” if you acknowledge this information.



The “Details” tab will provide “Application Instructions” on how to use the available tabs. The “Layer Descriptions” are directly below and will provide users with a description of each layer available in the software.



Users can zoom in or out using the “+” or “-“ icon as well as using the scroll wheel on their mouse. To move to a desired location on the map, click and hold anywhere on the map and move the cursor in the opposite direction of the intended location. Some layers will not appear on the map until users zoom in to a specific scale.



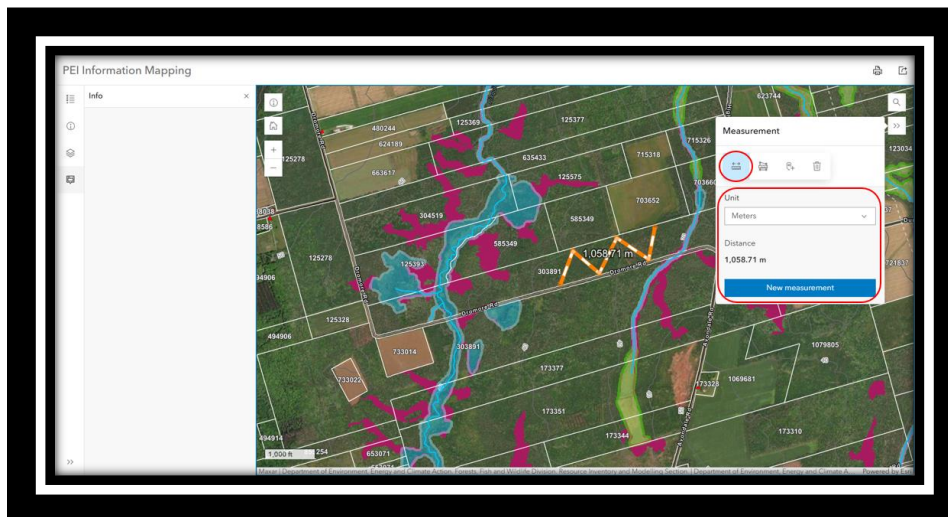
Users can click anywhere inside the white property boundary lines to select their desired property. Users can also identify different features on the map by clicking on them with their mouse. The “Info” tab on the left of the screen will display any selected features.



To measure distance, area and find coordinates on the map, select the “Open Measure” tab in the top right corner. A pop-up will appear that will allow you to complete the desired task.



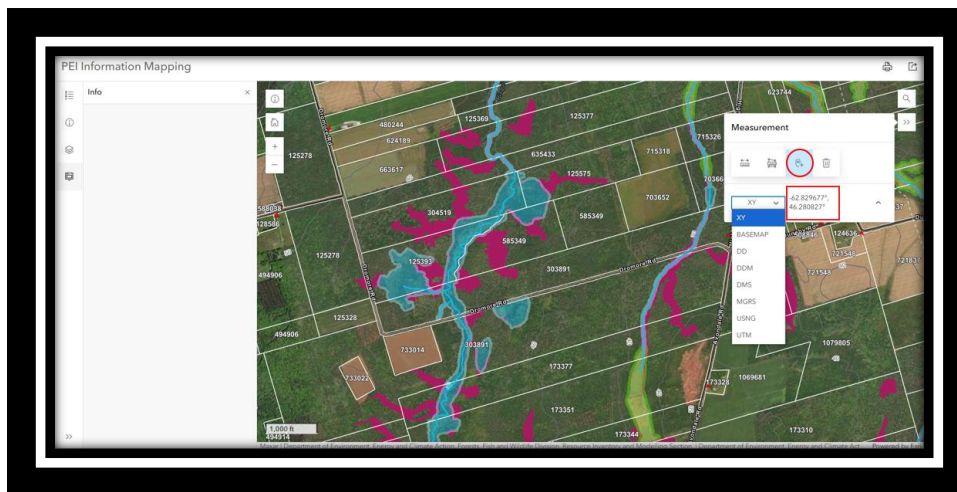
If users wish to measure distance, select the “Measure Line” icon. Go to the location you wish to measure and click once to set the starting point for the measurement. Once you have made the points you wish to measure double click on your last point to calculate the total distance between all points. The total distance between points will be displayed on the map, as well as in the measurement tab to the right. Users can change the unit of measure by selecting the drop-down tab under “Unit”.



If users wish to measure area select the “Measure Area” icon. Go to the location you wish to measure and create a polygon by clicking once every time you want to create a corner. Once you have made your desired shape, double-click the last corner. The area of the polygon will be displayed inside the polygon as well as under the measurement tab. To change the unit of measurement, select the drop-down tab under “Unit”. The perimeter of the polygon will also be displayed on the measurement tab.



To find coordinates, users will need to select the “Coordinates” icon under the measurement tab. Users can then move their mouse to the desired location. The corresponding coordinates will be displayed on the measurement tab in the top left portion of the screen. To change the format of the coordinates you will need to select the drop-down tab to the left of where the coordinates are displayed.



To create a map, users should navigate to their desired location. In the top right corner select the “Export or Print” icon. A tab will open allowing users to create a map title and save the map as the preferred file type.



To set the desired boundary of the map select “Set map area” in the “Export and Print” tab. Then click and drag on the map to set the new boundary. Once the new boundary has been made, select “Export”.



A pop up should appear allowing the user to print or save the map.

