Halifax Water

Halifax Water Hydrant and Catchbasin Interactive Mapping

USER GUIDE
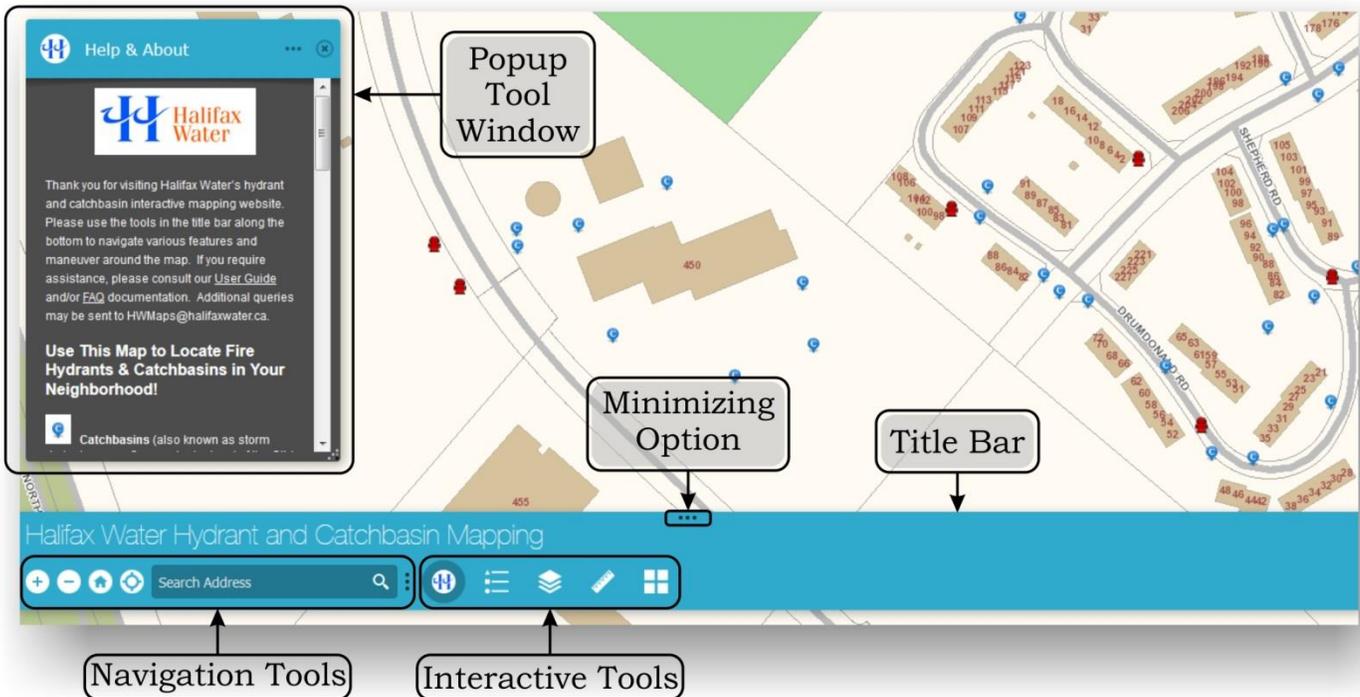
Navigation Tools

These tools may be used to maneuver your way around the map.

 Use to ZOOM in on the map in preset intervals

 Use to ZOOM out of the map in preset intervals

 HOME Button; use to return to initial map extent

 LOCATE Button; use to find your current location (users will need to share their location in order to utilize this navigation tool)

 SEARCH Tool; type in your address, select desired location from the options that appear as you type. Once selected, map will zoom to and center on your search location.

Interactive Tools

These tools may be used to further explore map features.

- o Hover over an icon for a 'tool tip'
- o Click on an icon to activate tool functionality
- o Once activated, a popup window will appear with various options
- o Active icons will appear highlighted in the title bar
- o The at the top of a popup window will minimize the window but keep it active for quick reference (particularly useful on mobile devices)
- o A popup window may be resized by clicking and dragging the bottom right corner
- o A popup window may be moved around the map by clicking and dragging the popup title bar
- o The at the top of a popup window will close the window and end tool functionality

 The Help & About Tool

This tool is active by default upon entering the map website. It contains information Halifax Water would like users to know regarding the hydrants and catchbasins presented in this application. It also contains links to this User Guide and Frequently Asked Question (FAQ) documentation, as well as data reference information.

 The Legend Tool

The legend tool will open a popup window displaying *active* symbolized map layers. The layer has to be "on" (see the layer tool below) for it to appear in the legend. The legend tool does not identify basemap layers, only interactive layers (i.e. hydrants and catchbasins).

The Layer Tool

The layer tool will open a popup window displaying operational map layers; *Halifax Water Catchbasins, Other Catchbasins*, *Halifax Water Hydrants,* and *Other Hydrants*. Users will notice that the *Other Catchbasins* and *Other Hydrants* layers are off by default. Halifax Water does not own or maintain these assets and makes no guarantee of the accuracy or completeness of these datasets.

Users may use the layer tool to turn operational layers on or off.

- o Click the checkbox to toggle between on ☑ or off ☐
- o Click ▶ to display/hide associated layer symbology

The Measurement Tool

The measurement tool is used measure areas, distances, and geographic coordinates in the map. Select one of the three icons in the popup window to activate the desired measurement activity and then use the drop down menu on the right to select desired units of measurement.

AREA MEASUREMENT

- Click the area tool icon (highlighted above) and select desired units from the drop down menu.
- In the map, single-click the first corner of the desired area to be measured, then single-click the next corner and continue until you've completely enclosed the area to be measured. Double-click the final corner. The popup window will interactively display the area as you measure. Double-clicking will stop measurement and the area calculation will remain static in the popup window until you single-click elsewhere on the map.
- You may pan the map mid-measurement by clicking and dragging, this will not affect your measurement boundary.
- Click the area tool icon to stop area measurement, or close the popup window.

LINEAR MEASUREMENT

- Click the linear tool icon (highlighted above) and select desired units from the drop down menu.
- For a straight measurement, single-click on the map at "Point A" and then double click on the map at "Point B". The measurement will remain static in the popup window until you single click elsewhere on the map.
- For a multiple node measurement, single-click on the map at "Point A", single-click on the map at "Point B", single-click on the map at "Point C", and so on. Double-click on the final node. The popup window will interactively display the total value as you measure. Double-clicking will stop measurement and the final total will remain static in the popup window until you single-click elsewhere on the map.
- You may pan the map mid-measurement by clicking and dragging, this will not affect your measurement.

- Click the linear tool icon to stop linear measurement, or close the popup window.

GEOGRAPHIC COORDINATES

- Click the coordinate tool icon (highlighted above) and select desired units from the drop down menu.
- By simply hovering the mouse around the map, the tool will display the geographic coordinates of the mouse in the popup window.
- A single click will drop a green marker on the map and identify the geographic coordinates of that marker until you single-click elsewhere on the map. Every single-click with the tool active will then relocate the green marker and update the geographic coordinates.
- Even with this tool active, you may still pan the map by clicking and dragging. This will not affect your marker location.
- Click the coordinate tool icon to stop coordinate identification, or close the popup window.

 The Basemap Gallery Tool

The Basemap Gallery will open a popup window with several basemap options users may select from.
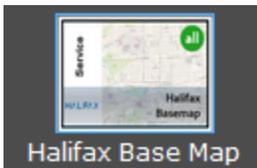
The default (and recommended) basemap for the Halifax Water interactive mapping is the 'Halifax Base Map', published to ArcGIS Online by Halifax Regional Municipality (HRM).
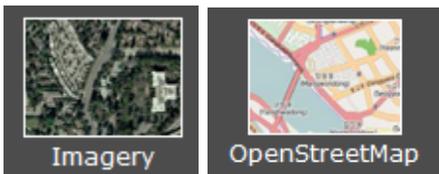
Other options in the Gallery are owned and maintained by Esri and are freely available to anyone (http://www.esri.com/data/basemaps).

Halifax Water claims no responsibility for the content or performance of basemaps provided in this mapping application. They've been included simply for reference purposes, to assist in showcasing Halifax Water infrastructure within a familiar and searchable setting.

Minimizing Option

 OR OR

This series of three dots indicates minimizing/expanding options. Clicking it on the title bar will minimize/expand the title bar. Clicking it between the navigation and interactive tool groupings will minimize/expand the navigation tools. Clicking it at the top of a popup tool window will minimize/expand the tool window, still leaving the window open for quick reference.

This feature becomes particularly useful when working on mobile device with limited screen size.

Other

Additional interactive mapping queries may be sent to HWMaps@halifaxwater.ca