

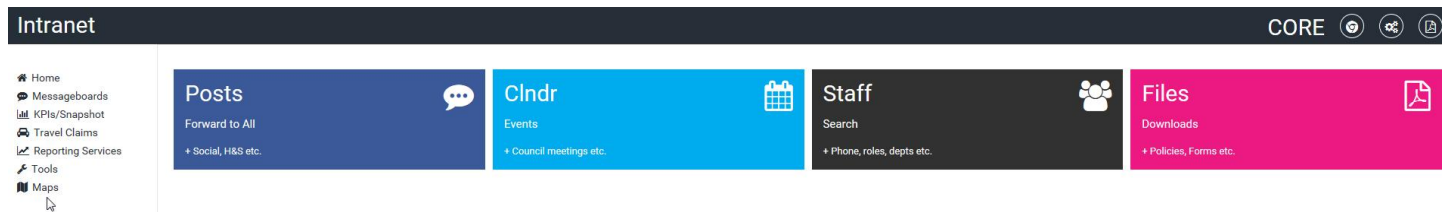
Water MapViewer Help Document

Table of Contents

Page 2	Opening the Mapviewer
	The Map Canvas
Page 3	Map Controls
Page 4	Background Mapping
Page 5	Searching for Addresses and Areas
Page 6	Popup Information Windows
Page 7	Widgets
	Layer List
	Basemap Gallery
	Add Data
	Bookmark
	Draw
	Search by DMA
	Legend
	Print
	Help Document
	Attribute Table
	Coordinate Widget

Opening the Mapviewer

From the Intranet Home page - Click on **Maps**

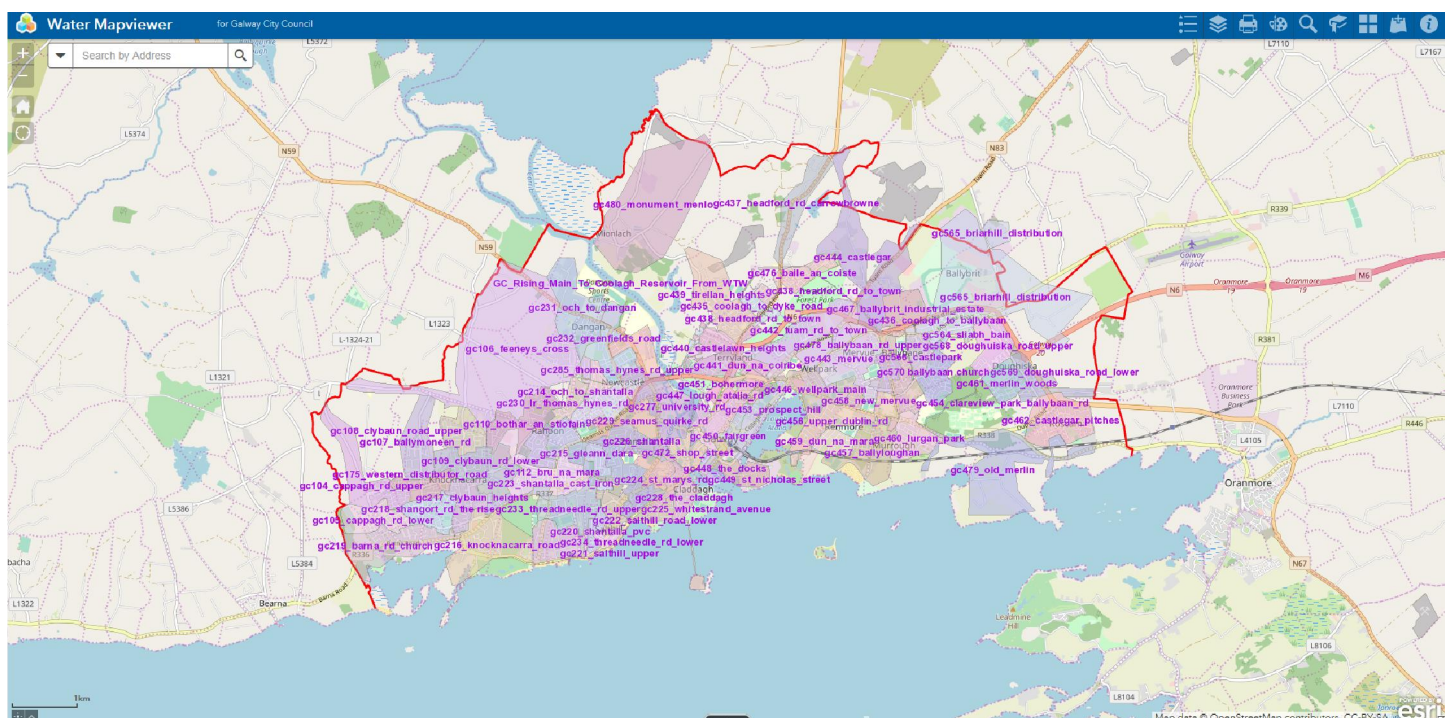


Select the **Water** Mapviewer



This link will open the Map Canvas

The Map Canvas



The map canvas is the main interactive workspace on the Map Viewer.

The map canvas displays the **Basemap** layer which contains detail of roads, towns, infrastructure and terrain that increases in detail as you zoom in. You will notice the Map scale and map coordinates in ITM projection on bottom left of map (see above).

Map Controls

Zooming in and out

You can zoom in and out by either

1. Rolling the wheel on your mouse forward or back or
2. Click on + or – button – see top left of your map.

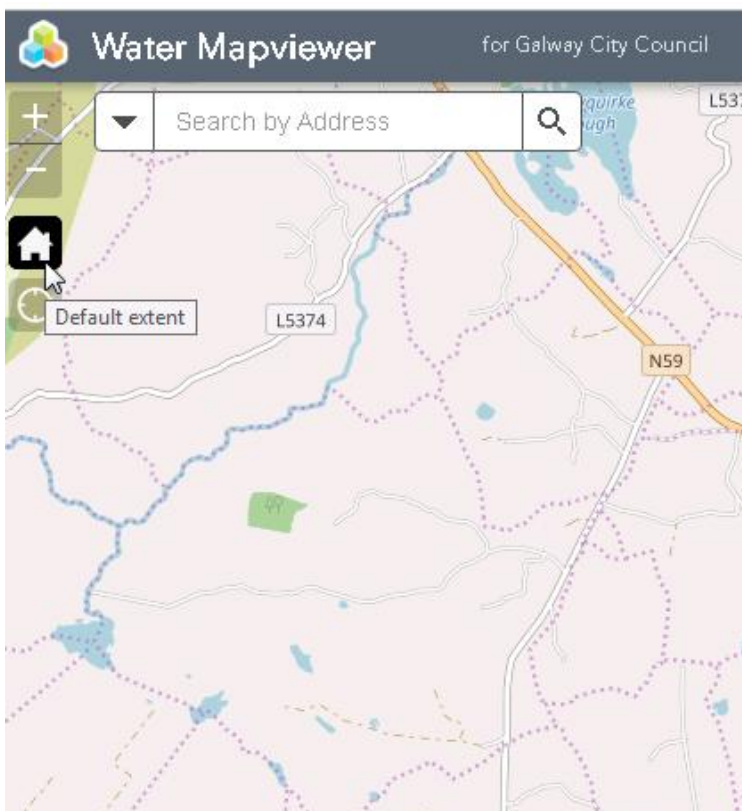


Panning the map

Click anywhere on the map canvas and hold the button down while you drag it in the desired direction.

Return to the original scale of Map

To return to the original scale when first opened, press the 'Default Extent' button:



Background Mapping

Basemap

You can switch background mapping by clicking on the Basemap Gallery widget (top right of Map Canvas)



An example of some of the Basemaps available to you are:



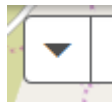
Click on the thumbnails to change the Basemap.

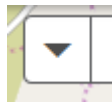
Searching for Addresses and Areas

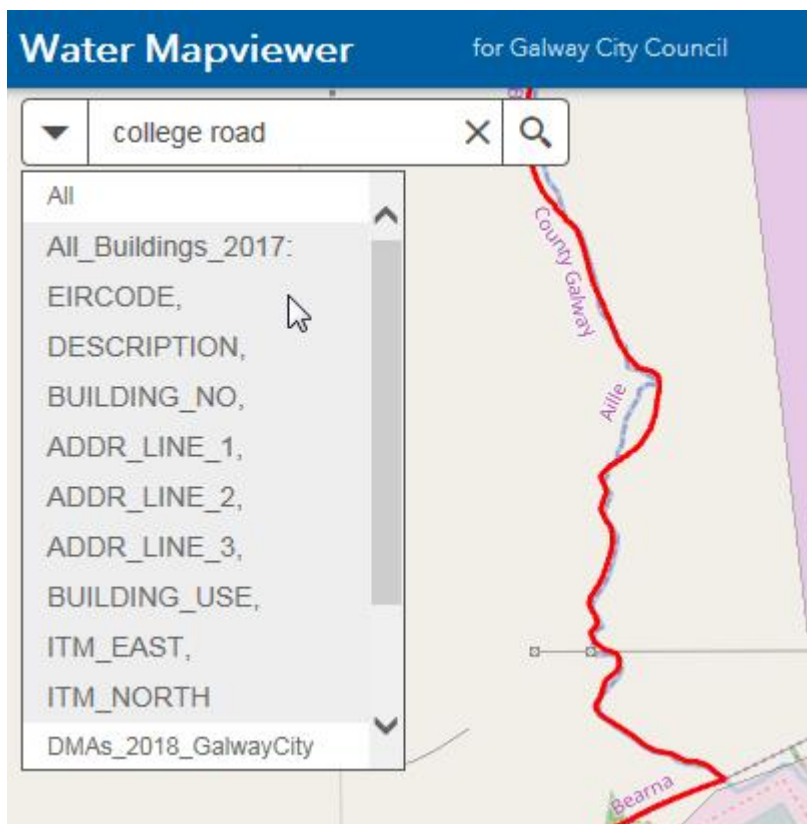
Find an address



To search for an address, use the 'Search by Address'. This has a single text box where you can search by **street name** – eg College Road.



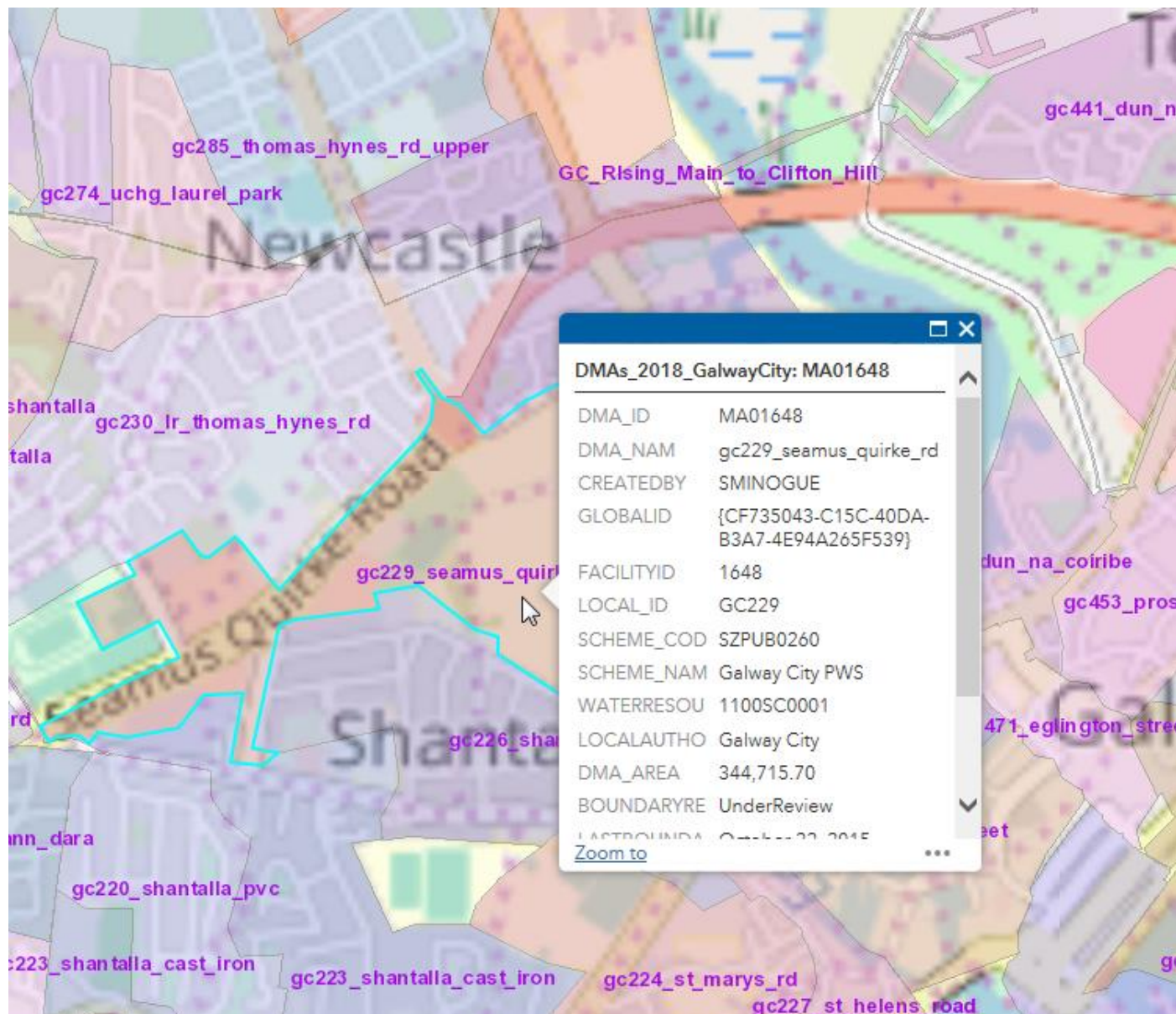
If you click on the  you will note that there are other Search options – such as Eircode, DMAs etc – you just click on relevant layer and type in the Eircode or DMA.



Popup Information Windows

A number of the layers available in the viewer are configured to support popup information windows, which provide more detail about individual zones or features.

To view additional information about these layers, click on the area of interest on the map. A popup window will appear displaying descriptions, additional attributes, and hyperlinks. If you have more than one layer turned on, the popup will display for the top most layer.



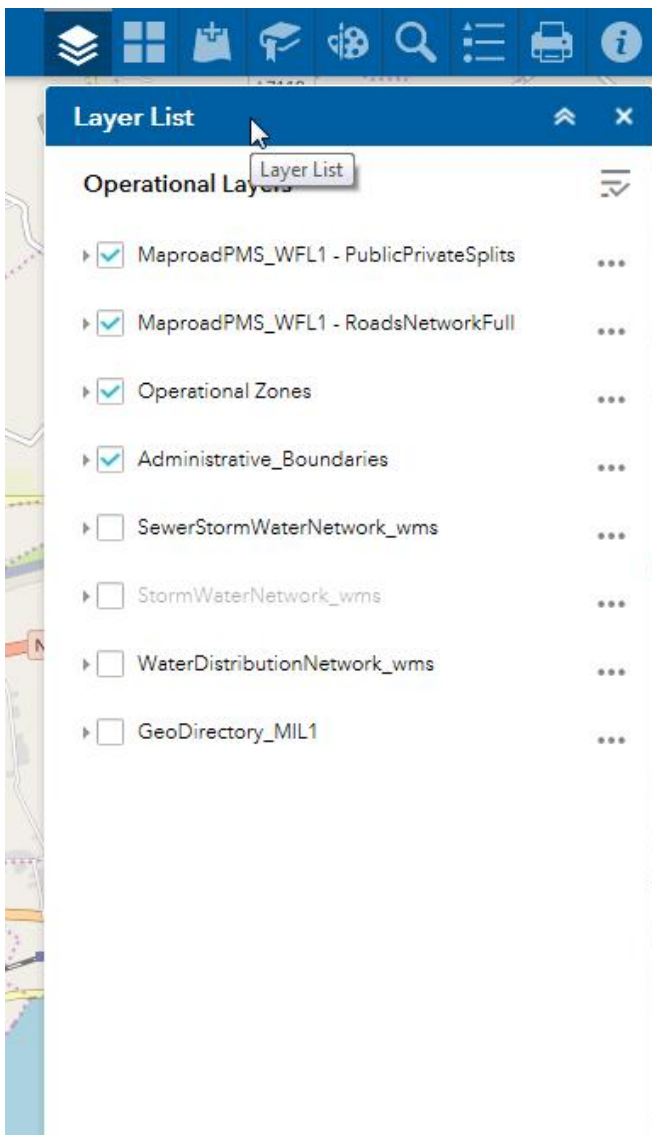
Widgets

There are widgets available to you above the map – namely (l-r):

Layer List, Basemap Gallery, Add Data, Bookmark, Draw, Search by DMA, Legend, Print, Help Document.




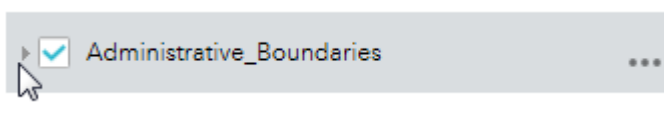
Layer List



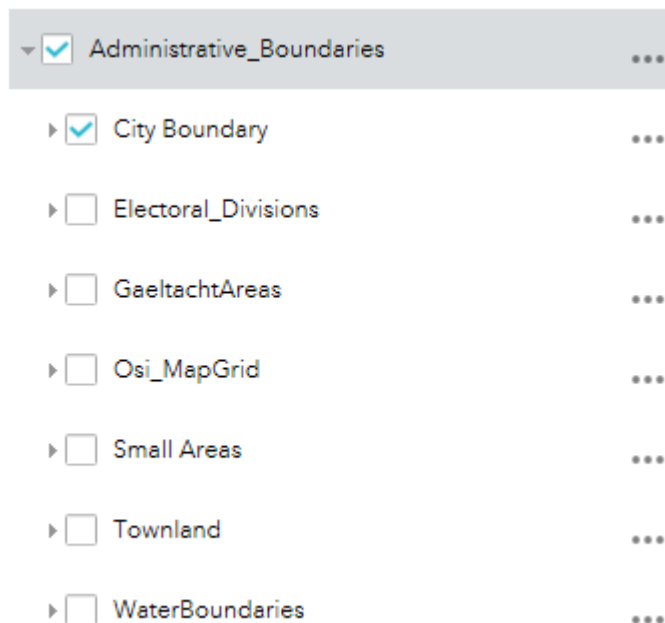
The Layer List widget enables the user to switch on/off various layers that can be viewed on the map.

When the Layer List widget first opens, the list of available layers is displayed.


The layers are grouped so that they are easier for the user to view and manage. You can expand a group by clicking on the  sign to the left of the group name (e.g. 'Administrative_Boundaries').

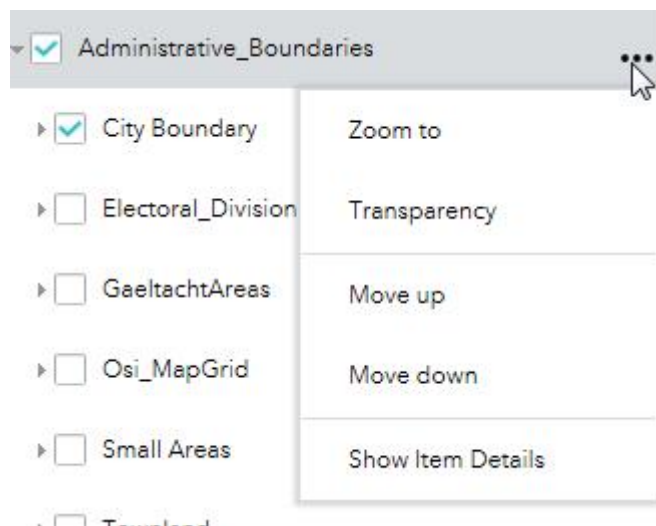


You can turn on and off a whole group by clicking in the tick box next to the group name (e.g. 'Administrative_Boundaries'), or turn on and off an individual layer by clicking in the tick box next to the layer name (e.g. 'City Boundary'). Both the layer and the group need to be ticked in order for the layer to be visible on the map.



Transparency

You can adjust the **Transparency** of a group of layers by clicking the  to the right of the group name and then moving the **Transparency slider** to the left or right. **Please note** - the transparency slider operates on groups of layers, not individual layers. The slider will only work after you have clicked on a group heading.



Basemap Gallery



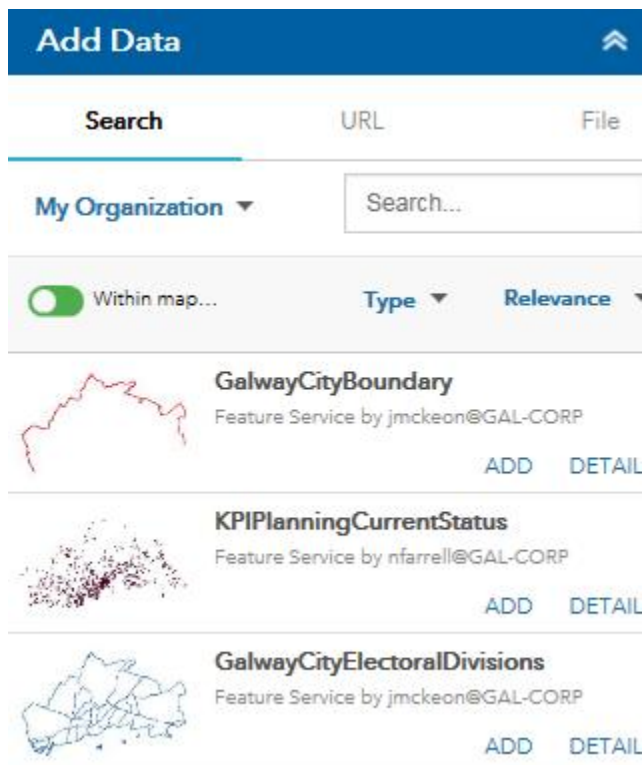
You can switch background mapping by clicking on the Basemap Gallery widget.




Add Data



The Add Data widget enables you to add data to the map by searching for layers in ArcGIS Online or ArcGIS Enterprise content, entering URLs, or uploading local files. In this way, you can temporarily add layers to and remove layers from the map. However, you can't save the layers to the map.



To search only layers within the map area, leave the toggle button  green, which is the default. To search all layers in the scope, click the toggle button, which turns it red.

Bookmark



To open the Bookmark widget click on the  icon on the widget bar at the top of the map.

This widget simply allows you to bookmark your current view of the map for future reference.

Draw

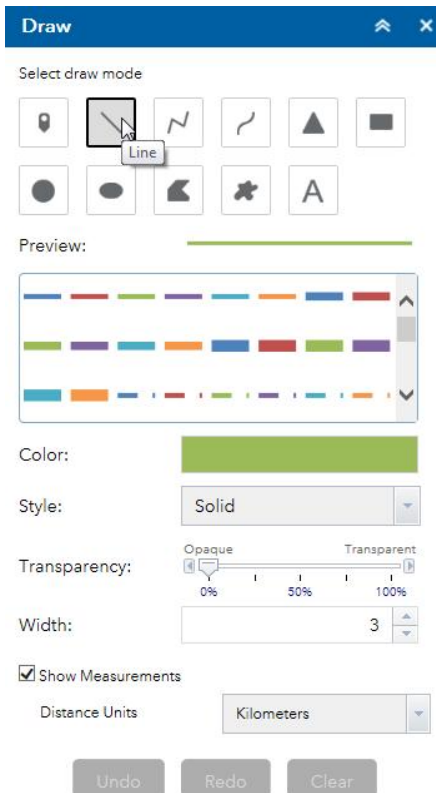


To open the Draw widget click on the  icon on the widget bar at the top of the map.

This widget allows you to draw symbols on the map. The Rectangle, Circle, Ellipse, Polygon and

Freehand Polygon tools are used to for querying in the Reporting widget. You can measure distances by clicking the 'Show Measurements' check box once any of these tools are activated.

You can also change the colour/style of the drawing using the different options available.



To undo all drawings just click on **Clear**.

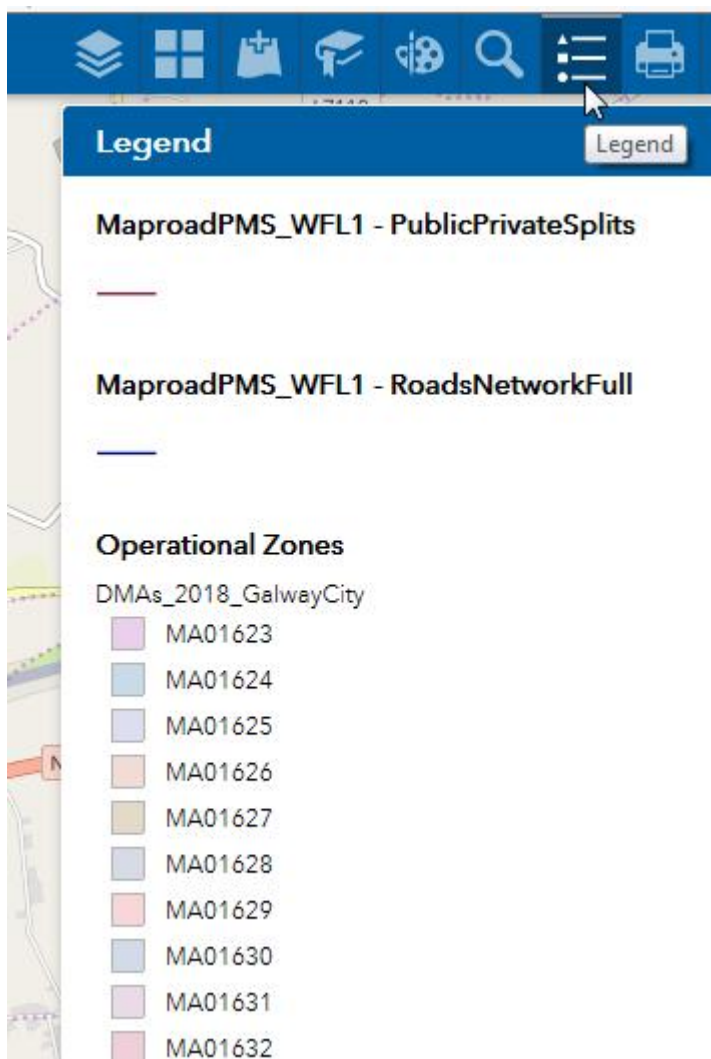
Search by DMA



This widget is configured to search the DMA layer only by inputting a value to match the Local_ID field eg GC109.

Legend

As you click layers on/off you will see that the legend changes to only show the layers clicked on.



Print

You open the print widget by clicking on the  icon on the widget bar at the top of the map.

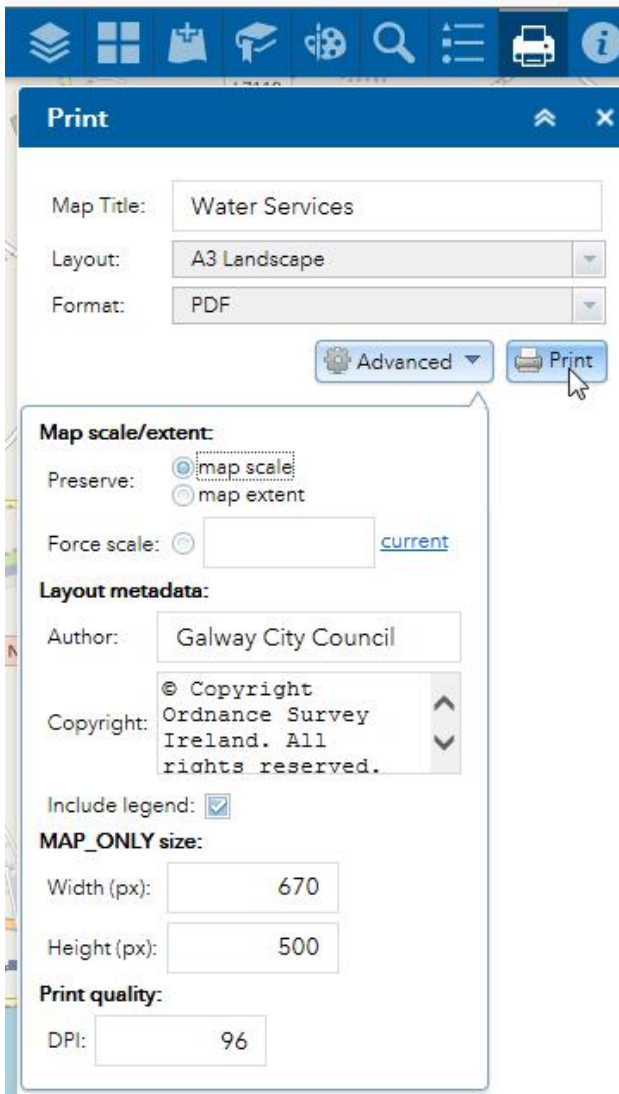
The print widget dialog has a text box which enables you to enter a Map Title. You can choose the page size and orientation using this dialog.

and Author for your printout if you wish.

When you click the '**advanced**' button – you can enter the Author, Copyright, include Legend etc. Then select **Print**.

The map window is scaled to fit the printed page, regardless of its shape. Therefore, if you are viewing the map maximised on a normal screen, the map window will have an approximate landscape page shape. If you print this using a portrait page orientation the printed map will only take up the top half of the page. To cover all of the page, either print the map as a landscape page, or resize the browser window containing the map viewer to the desired shape before printing.

If printing in pdf (which is the default) it will generate the layout in adobe pdf format. You can then open the pdf and save this document and ***give it a suitable file name for easy reference.***



The screenshot shows the 'Print' widget dialog and its 'Advanced' settings. The main dialog has a title bar 'Print' with expand and close buttons. It contains three input fields: 'Map Title' with the value 'Water Services', 'Layout' with a dropdown menu showing 'A3 Landscape', and 'Format' with a dropdown menu showing 'PDF'. Below these are two buttons: 'Advanced' (with a gear icon) and 'Print' (with a printer icon). A mouse cursor is pointing at the 'Print' button. The 'Advanced' settings dialog is open, showing several sections: 'Map scale/extent' with 'Preserve' radio buttons for 'map scale' (selected) and 'map extent', and a 'Force scale' section with a radio button and a text input field containing 'current'; 'Layout metadata' with 'Author' (Galway City Council) and 'Copyright' (© Copyright Ordnance Survey Ireland. All rights reserved.) text boxes; 'Include legend' with a checked checkbox; 'MAP_ONLY size' with 'Width (px)' (670) and 'Height (px)' (500) text boxes; and 'Print quality' with a 'DPI' (96) text box.

Print

Map Title: Water Services

Layout: A3 Landscape

Format: PDF

Advanced

Print

Map scale/extent:

Preserve: ☒ map scale ☐ map extent

Force scale: ☐ current

Layout metadata:

Author: Galway City Council

Copyright: © Copyright Ordnance Survey Ireland. All rights reserved.

Include legend: ☒

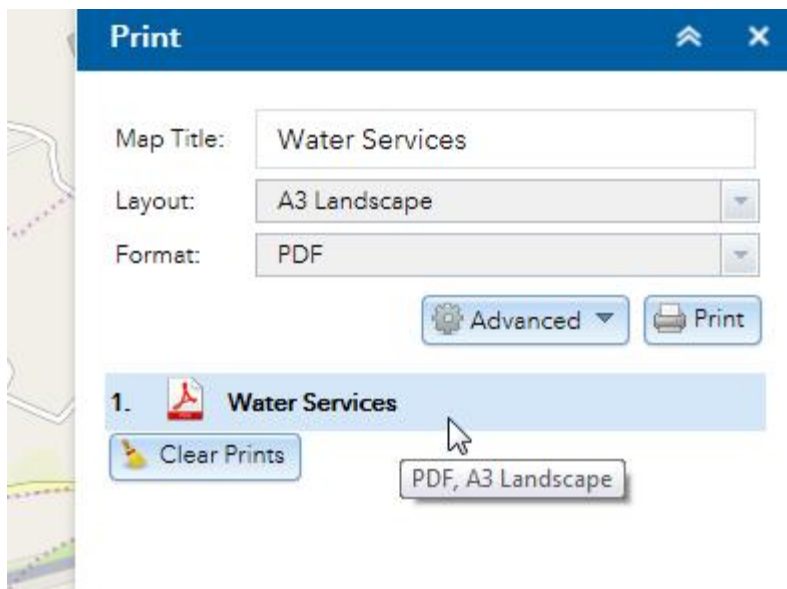
MAP_ONLY size:

Width (px): 670

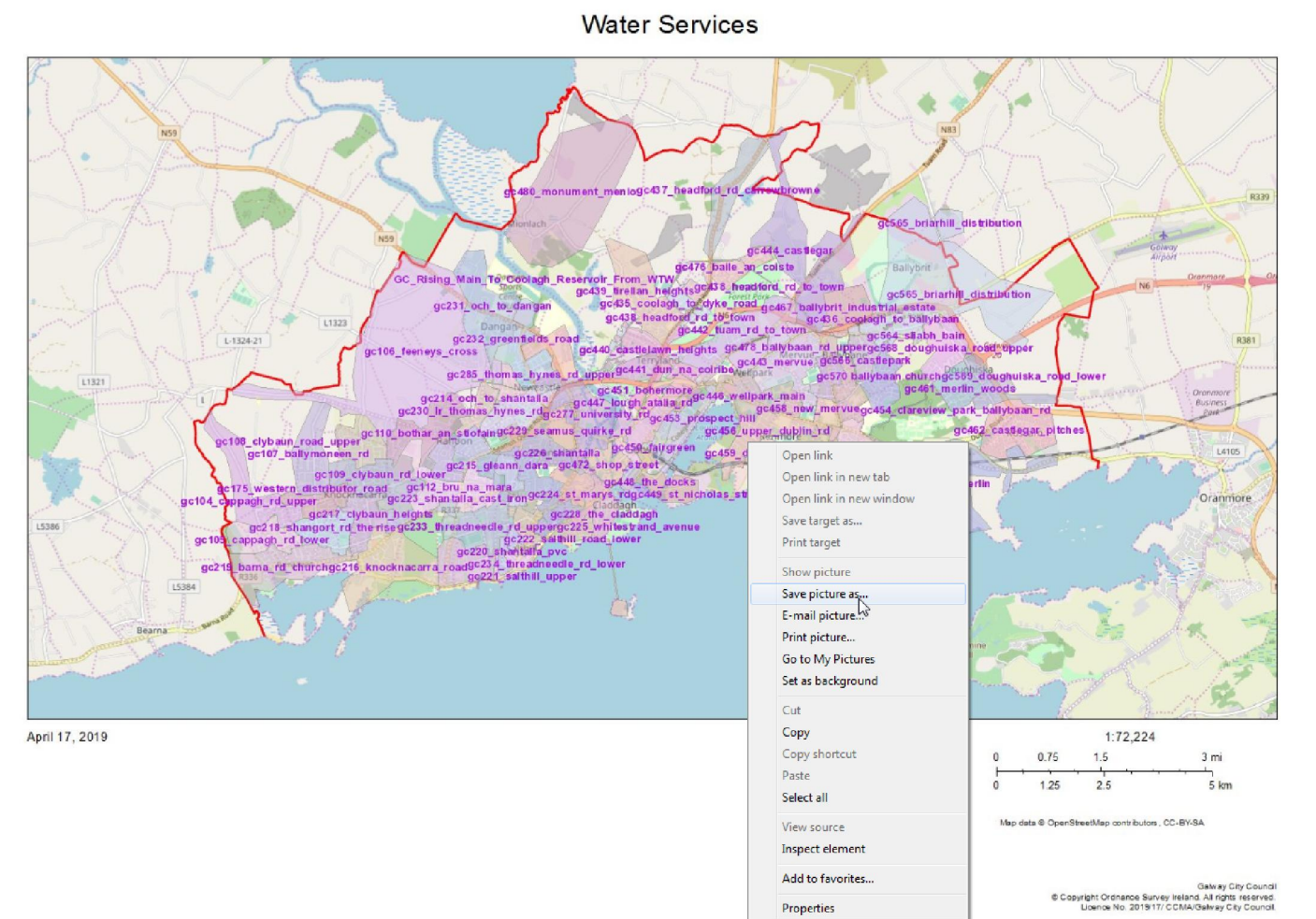
Height (px): 500

Print quality:

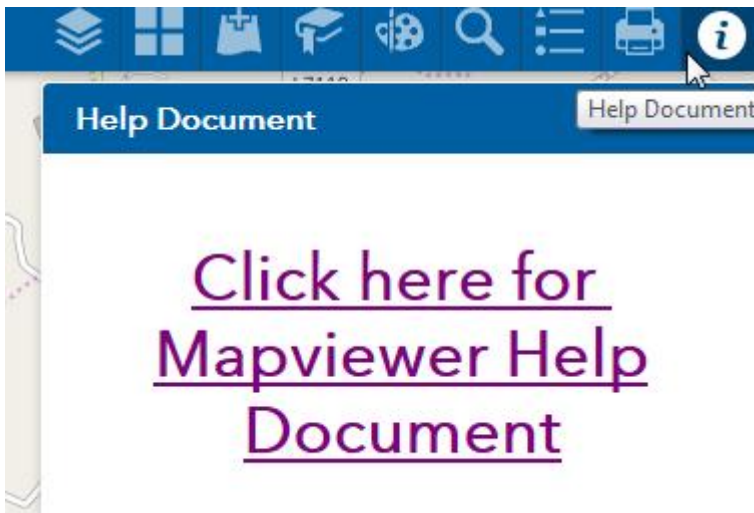
DPI: 96



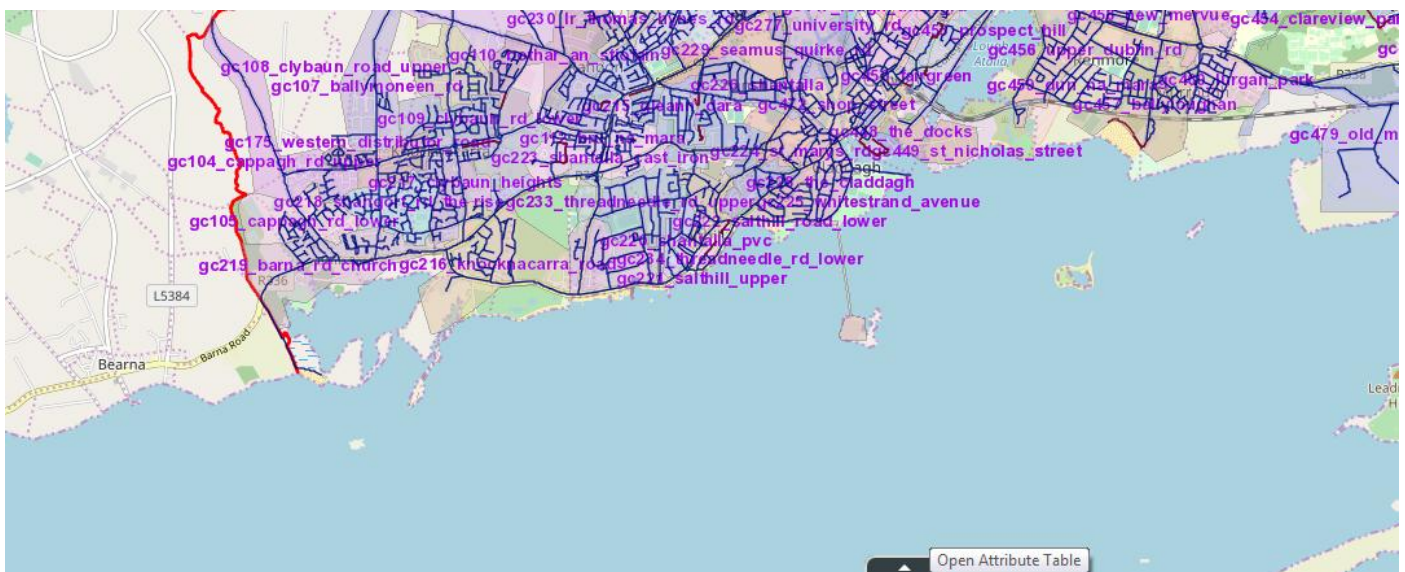
If you want to create a jpeg you will need to change the format to jpg. To Save a jpeg – once the print template has been generated – open it in the browser, right click on the image and select “Save picture as”



Click on the link to open the Help document which you can print or refer to when necessary.



Attribute Table Widget

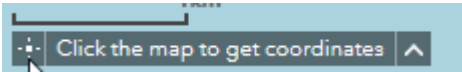



The Attribute Table widget displays a tabular view of operational layers' attributes. It displays at the bottom of your web app and can be opened, resized, or closed. When more than one layer's attributes display, multiple tabs automatically generate in the attribute panel allowing you to switch among the attribute tables. You can use the widget's configuration window to specify the layer or layers to be included in the tabular view, the fields show, and whether the tabular view can be exported.

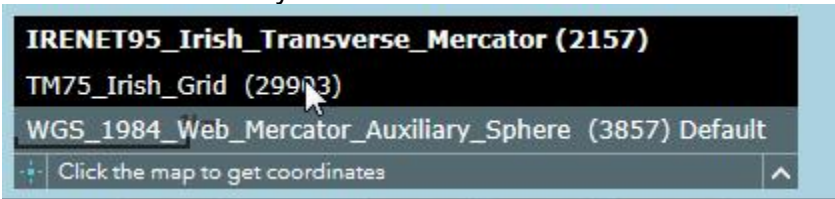
Coordinate Widget


This widget displays at the bottom left of the Map Canvas.

The Coordinate widget displays x- and y-coordinate values on the map. With the default coordinate system of the web map, the coordinate values change dynamically when the mouse pointer moves to locations on the map. Multiple spatial references can be configured and the coordinate values display based on the spatial reference you choose when the application starts.



Firstly click  - this will display the difference coordinate systems available to you eg Irish Grid – select which one you wish to use.



Next click on  And then zoom into/hover to the point on the map . It will display the coordinates of the point in the requested projection at the bottom left of the map canvas.

