

The Revised RBME Risk Model 2020

Appendix 2

How to use EPA GIS data sets to view how your **Location** score is determined

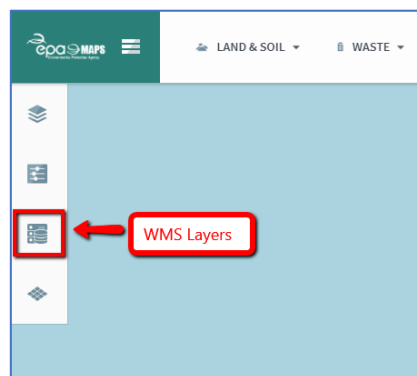
January 2020

Launch EPA Maps

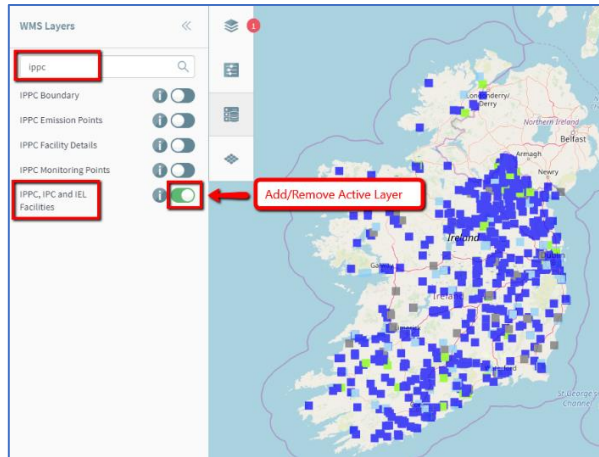
- Go to EPA Maps (<https://gis.epa.ie/EPAMaps/>)

Find your site:

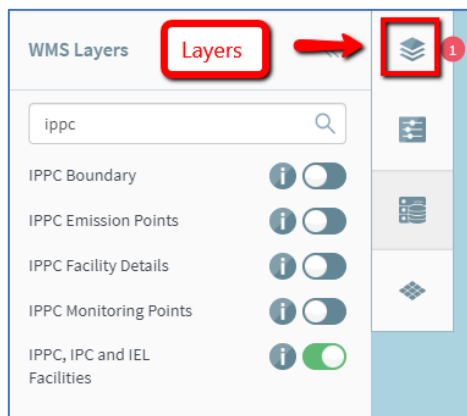
- Go to **WMS Layers**



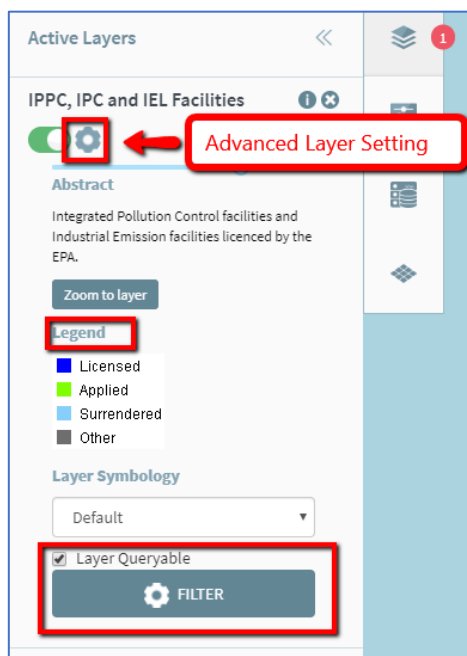
- Type in 'IPPC' in the search
- Select **IPPC, IPC and IEL Facilities** by turning on the **Add/Remove Active Layer** button. The selected layer will go **green** when you do this
- **Note:** The location of this facility is the location which was given in the licence application, unless a Technical Amendment to change it was made and approved
- **Note:** There are also layers called **IPPC Facility Details** and **Waste Facilities** within the **WMS Layers** which are worth checking for your site



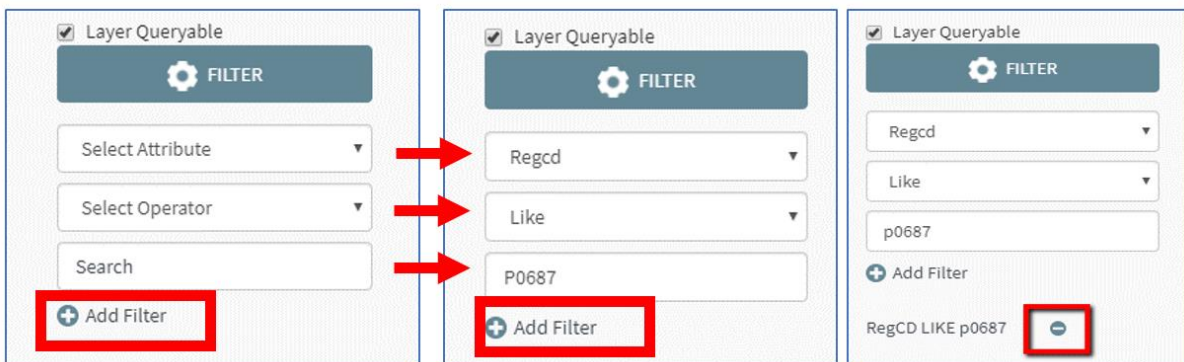
- Go to the **Layers** button where you will see '1' in a red circle



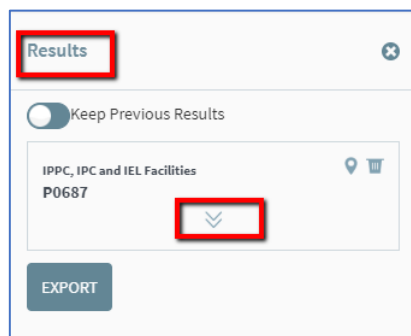
- The **IPPC, IPC and IEL Facilities** are now displayed on the map
- Select **Show Advanced Layer Setting** to view the Abstract, Legend and Filter



- Select the **FILTER** tool. This tool provided the option to isolate a feature within a dataset. The information being displayed can be made more specific through filtering the data.
- In the Select Attribute dropdown menu, choose 'Regcd'
- In the Select Operator, select 'like'
- In the Search dropdown menu, type **P0687**
- Click **Add Filter** to apply the filter to the data so that only your site appears on the map
- Filters can be removed by clicking the **minus** button
- **Note:** Only one Filter per layer can be applied at a time



- You will now see your site on the map
- By clicking on your site, the **Results** tab will populate
- Hit the downward arrows to reveal the information relating to the site

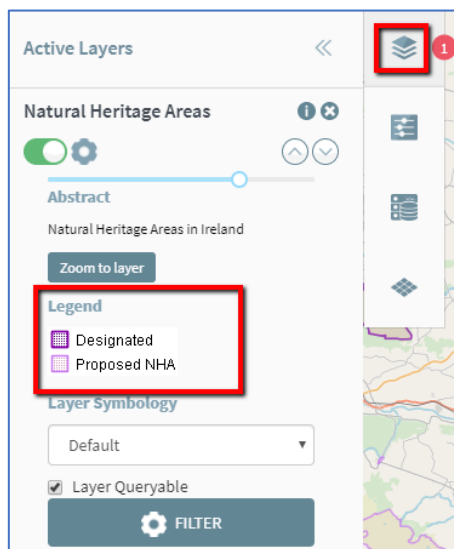


Find Nearest Sensitive Receptors

- **Note:** It is not possible to see the Geodirectory Dataset on EPA MAPS, as this dataset is restricted by copyright licence. The EPA are not permitted to display it in a public facing web GIS. Therefore, the user cannot verify if their facility is near a residence, health or educational facility by means of this tool.
 - **Open Street Map** is an option to view the closest building, but it may not be possible to identify the building type form this source.
 - **Bing Maps** is an option to view the closest building, but it may not be possible to identify the building type form this source.

Find Protected Sites

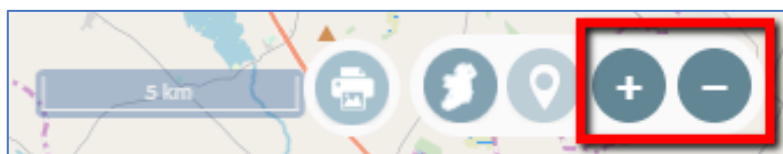
- Go to the **WMS** Layers
- Type in '**S.A.C**' and the S.A.C (Special Areas of Conservation) dataset is available to turn on
- Type '**S.P.A**' and the S.P.A. (Special Protection Areas) dataset is available to turn on
- Type in '**Natural Heritage Areas**' and the dataset is available to turn on
 - **Note:** This dataset displays **Designated NHAs** and **Proposed NHAs**
 - Select **ONLY** Designated NHAs, as proposed NHAs are excluded from the risk model



Find Groundwater

- Go to the **WMS** layers
- Type in '**GSI Vulnerability**' and the GSO Vulnerability dataset is available to turn on

Note: You can scroll in and out on the map using your mouse or alternatively use the plus and minus tool at the bottom of the web map page:



Tools within EPA Maps

- Search Tools
 - Address/Eircode – Enter an Address or an Eircode
 - County/Town – Select a County from the drop-down menu followed by a Town
 - By Coordinates – Enter coordinates and choose the coordinate system > **FIND LOCATION**
- Measure Tool

- Measure Distance – Use this tool to get distances (km)
- Get Coordinates – Click on the map and coordinates are made available
- Clear Measure – Removes previous measurements you may have made
- Graphic Tools
 - Draw areas, circle, lines, add text etc. to facilitate your own graphic creation