

## HOW TO locate a Dike using the Dike Database & the BC Water Resources Atlas.

The first thing you need is the dike's GPS number. This is also referred to as the Flood Protection System ID Number. If you already know the GPS number you can go straight to Step #2.

If you don't know the GPS#, but know the name of the diking authority or the name of the river/watercourse go to Step #1.

Let's use the City of Chilliwack's West Dike on the Fraser River as an example.

1. From the [Dike Construction and DMA Approval Information](#) page:
  - a. Option A: Click on "b. Dikes listed by Authority." Scroll down to "Chilliwack, City of". Scroll down until you get to the "West Dyke". The GPS Number is "15".
  - b. Option B: Click on "a. Dikes listed by River." Scroll down to "Fraser River". Scroll down until you get to the "West Dike". The GPS Number is "15".

Now we will look for the dike. *You will need to use Internet Explorer.* The BC Water Resources Atlas doesn't work that well on other browsers. You can go straight to Step 7.

2. On the [BC Water Resources Atlas](#) page you will see a map of BC, and a legend of Map Layers on the left. (<http://maps.gov.bc.ca/ess/sv/wrbc/>)
3. Optional: To make it a little simpler and to make things run faster unclick everything except "Operational Layers" and "Flood Protection/Dikes"
4. Select the "+" symbol in the box to the left of "Flood Protection/Dikes" in the legend and then select "Flood Protection Appurtenant Works" and "Flood Protection Structural Works".
5. Select "Query" from the choice of drop down menus.
6. Then select "Locate Dike". Put the GPS number in the box labelled "Flood Protection System ID". Hit the search button.
7. This will bring up the map showing the dike. On the left is a list of all of the Flood Protection Appurtenant and Structural Works that are associated with this Flood Protection System ID number.
8. Return to the Navigation drop down menu.
9. Use the scroll wheel on the mouse or the zoom in and out buttons to find a point of interest.
10. Click on "Point Identify" in the menu and then click on a point along the dike. Alternatively right click on the point of interest and select "What's Here? Identify" from the drop down menu. This will bring up a list along the left of the map of works and structures associated with that point.

## HOW TO locate a GPS # for a Dike if you know the location

If you don't know the GPS number, the name of the diking authority or the name of watercourse, but you know the physical location on a map, you can go straight to the BC Water Resources Atlas page (Step 2) and zoom into the location of the dike. Right click on the, then click on "What's Here? (Identify)". Go to the left side of the page and click on one of the results. You will see the Flood Protection System ID Number, which is the same as the GPS#.