



Coquitlam River Watershed Roundtable

*Kwikwetlem, known as “Red fish up the river.”
A living river that reveals its spirit.*

Coquitlam River Watershed Atlas Help

This atlas is intended to be used as a resource tool for community members, including developers, planners, biologists, environmental and other organizations who are seeking information about or wishing to engage in environmentally-friendly projects within the watershed. Users can access and input geospatial information about the watershed and low-impact development, fish, wildlife and habitat projects in the area.

The goal of this project is to encourage the preservation and development of a healthy watershed and to track the progress of our Lower Coquitlam River Watershed Plan.

Inquiries can be sent to the Roundtable Coordinator at coordinator@coquitlamriverwatershed.ca.

For more information about the Roundtable or to sign up for our newsletter, visit our website at www.coquitlamriverwatershed.ca.

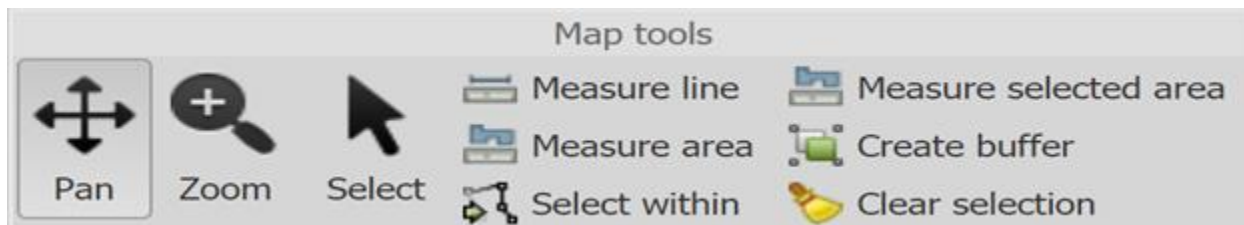
A [video tutorial for this atlas](#) can be found on our YouTube page.

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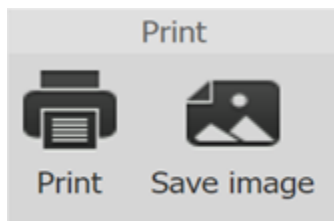
Navigating the Menu Ribbon

Map Tools



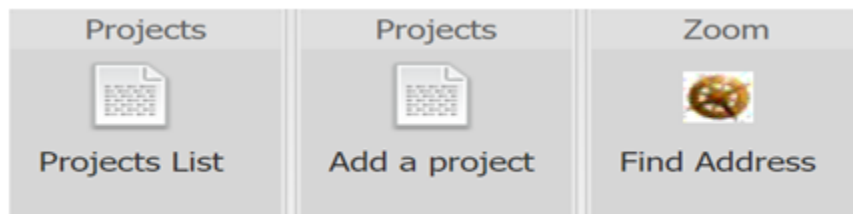
Pan	Allows you to click-drag around the map
Zoom	Allows you to zoom by drawing a box in the map
Select	Allows you to select entities by a single click or a selection box
Measure Line	Allows you to draw a line with multiple points
Measure Area	Allows you to draw a polygon with multiple points
Select within	Opens a dialogue that allows you to select elements on different layers that fall within your current selection
Measure Selected Area	Select polygons in the map and use this tool to get the total area of the selected elements
Create Buffer	Allows you to create a buffer around the current selection in the map
Clear Selection	Clears the current map selection, un-highlighting any selected entities

Print



Print	Allows you to print the map with adjustable parameters
Save Image	Allows you to save the image of the map at its current size

Projects

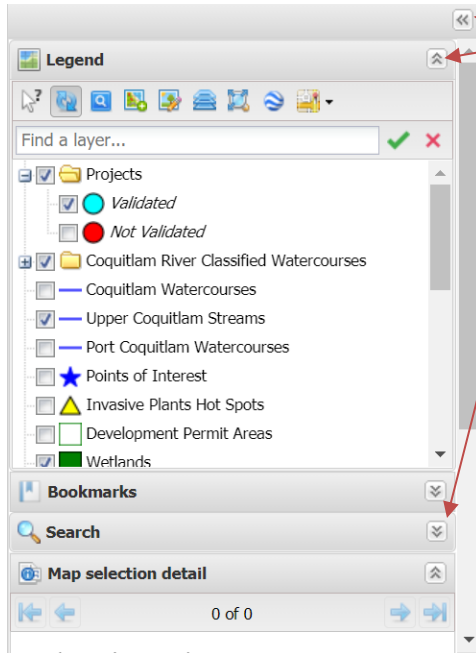


Projects List	Opens a list view of all the projects listed in the projects layer of the map
Add a Project	Opens a dialogue that allows you to submit a project to the projects layer. This requires a username and password which can be obtained by emailing coordinator@coquitlamriverwatershed.ca

Find Address

Opens a dialogue that allows you to search for an address, obtain the latitude and longitude (that can be used when entering project details) and places a crosshair on the map at that location. The lat/long details will appear in the bottom left bar of the screen when the user hovers their mouse over the crosshair

Navigating the Side Panel



Collapse or expand the side panel, legend and search function using these buttons. Collapsing the side panel will increase the visible working map area on your screen.



Allows you to filter graphical selection only on elements from the selected layers in the legend



This button, when unpressed, allows you to change the state of multiple layers without triggering a map refresh



Highlights in the legend, all of the layers currently in the selection on the map



Allows you to add a layer in your current map



Allows you to modify the display style of the selected layer in the legend



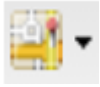
Allows you to modify the draw order of the selected layer in the legend



Allows you to zoom to the extent of all the features contained in the layer



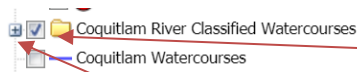
Allows you to export the layer to a .kml file for use in Google Earth. Only layers made available by the administrator can be exported. To export a layer, click on the layer name in the legend to highlight it, then click on the Google Earth icon. A download should automatically start.



Allows you to toggle between various basemap providers (Google Maps [roadmap, terrain, satellite or hybrid], Bing Imagery, OpenStreet Map), no basemap and change the opacity of your basemap

Turning Layers On and Off

Turning a layer on will make it visible on your basemap.

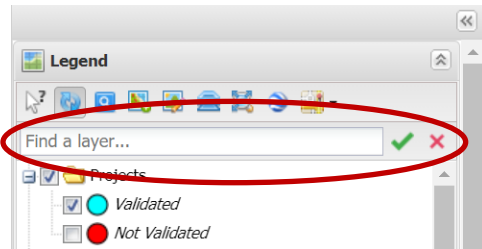


To turn a layer on or off, simply click the box to check (on) or uncheck (off) the layer

To view and/or turn on or off the sub layers nested in a folder, click the + symbol

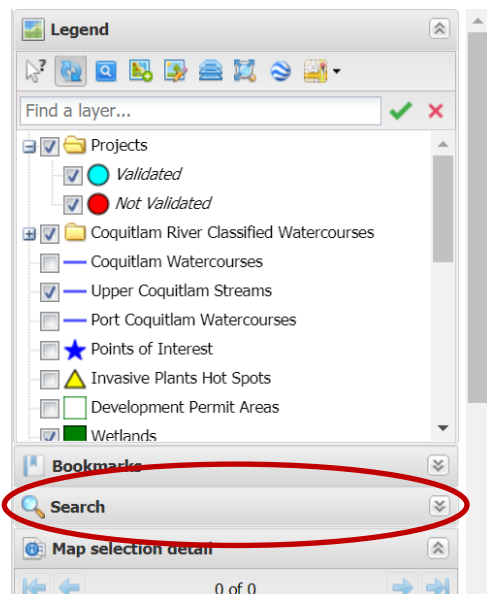
Note that some layers will only be visible at a scale of 1:5000 or greater (see [Navigating the Map](#)).

You can also search for a layer by entering its name or a portion of its name in the search box at the top of the legend.




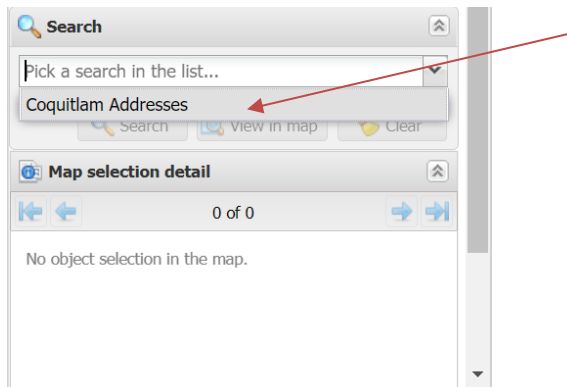
Using the Search Address Function

The **Search** bar in the side panel will allow you to type an address in the search bar and view it on the map as a land parcel, which will be highlighted in red.

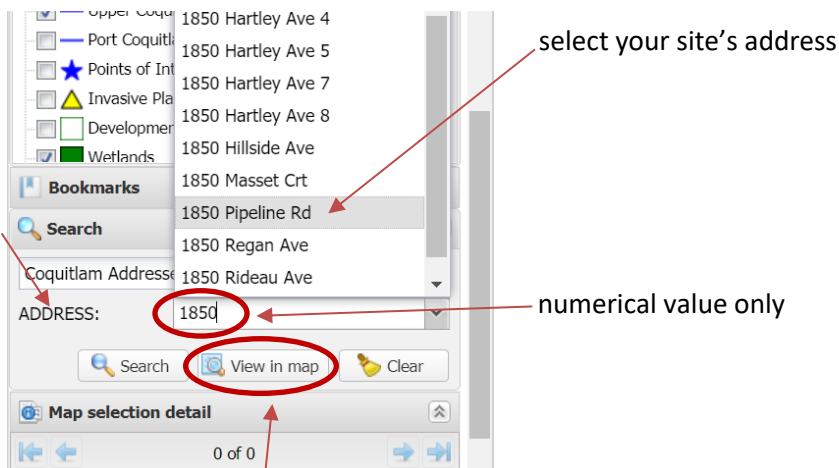


Step 1. Open the **Search** bar by expanding the search section using the  button.

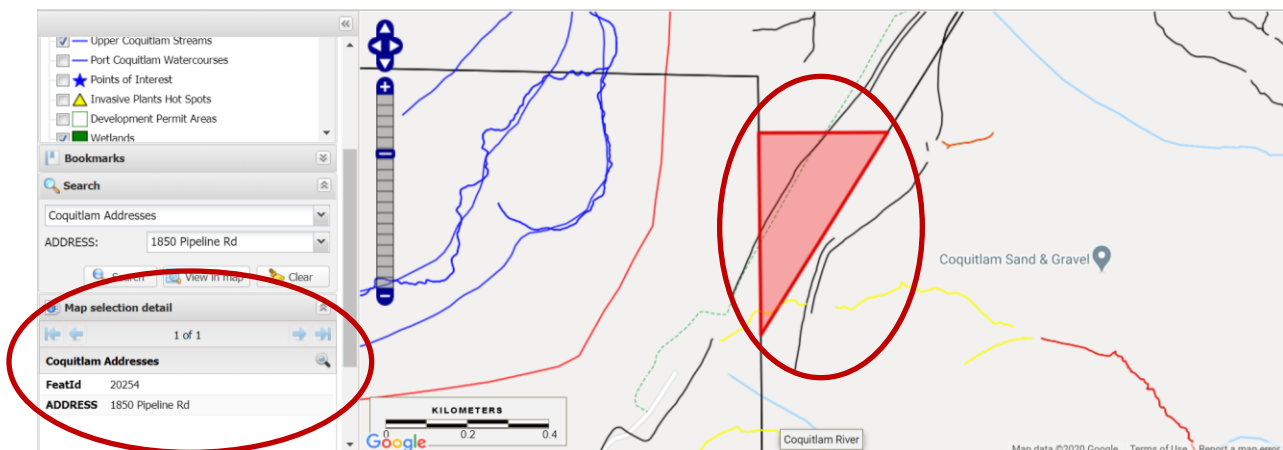
Step 2. Press the  button to show the drop-down options in the search bar and select “Coquitlam Addresses” by clicking on that option.



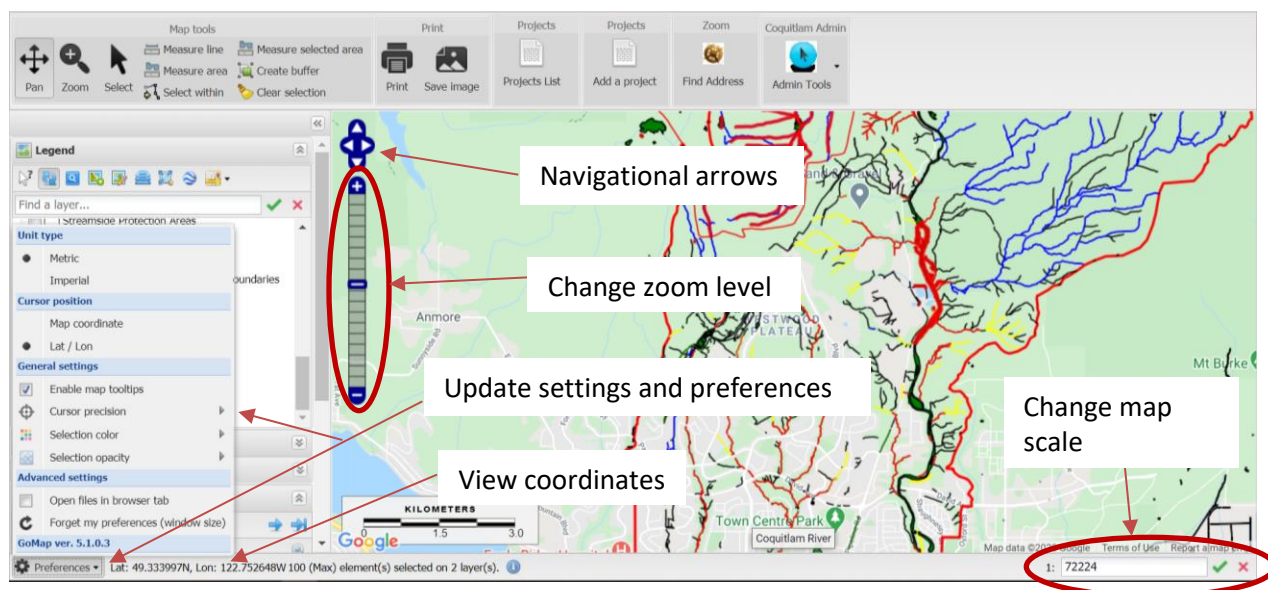
Step 3. Enter the numerical portion ONLY of your site’s address in the **ADDRESS** bar that appears below the search bar. A drop-down list of corresponding addresses and street names will appear. Select your site’s address by clicking on that option.



Step 4. Click view in map. The map will snap to your address and highlight the land parcel in red. Note that the details of your selection will be populated in the **map selection detail** section below.



Navigating the Map



To move around the map, ensure you are using the [pan function](#) in the map tools. Click, hold and drag your mouse to pan around the map. You can also use the **navigational arrows** at the top of the zoom bar to the left of the map.

To change the **zoom level** you can use the bar to the left of the map by clicking on one of the bar segments for a greater or lesser zoom. This will **change the scale** of the map, which can be viewed and changed to a desired level in the box on the bottom right of the map. Note that some layers will only be visible at a scale of 1:5000 or greater.

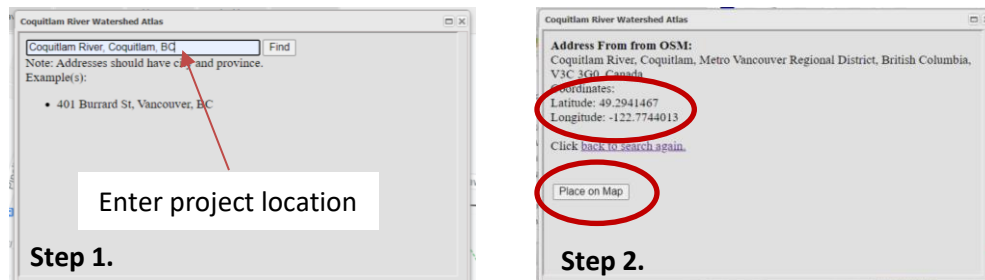
You can **view the coordinates** of a feature by hovering over it with your mouse. The latitude and longitude of the feature where your mouse is located will be shown in the bottom left bar of the map. You can also change the lat/lon to x and y map coordinates and **update other map settings and preferences** by clicking the cog wheel at the bottom left of the map.

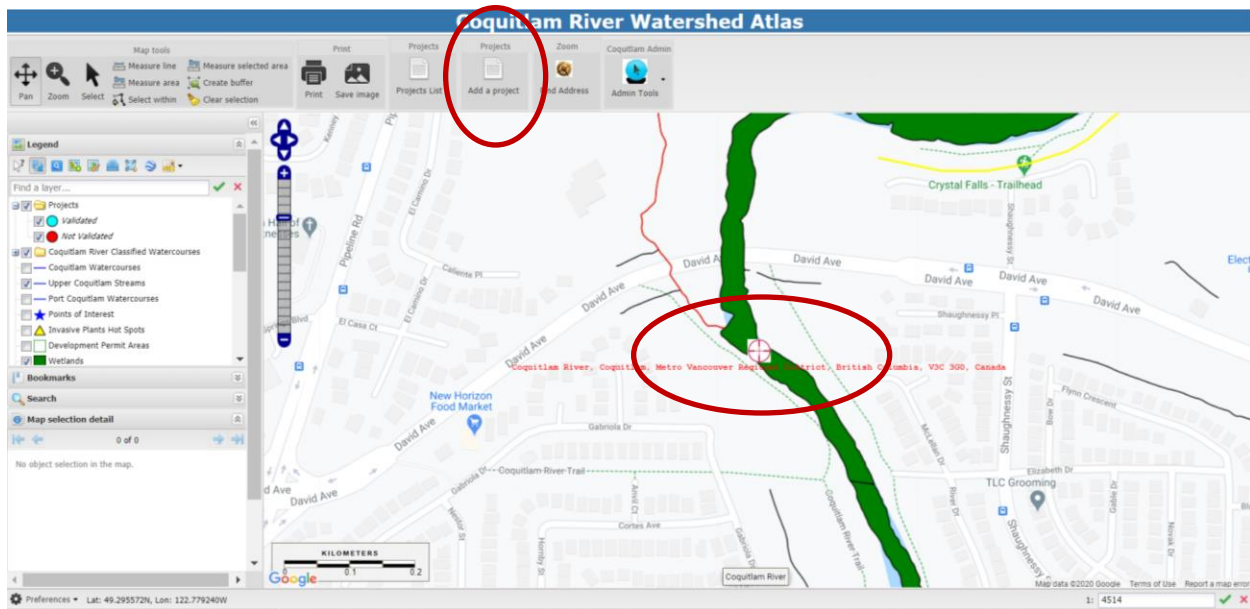
Adding a Project

To add a project, we recommend changing the scale of the map to 1:5000 or greater (see [Navigating the Map](#)).

If you can easily find the location of your project, navigate to that location. To search for an address you can either use the

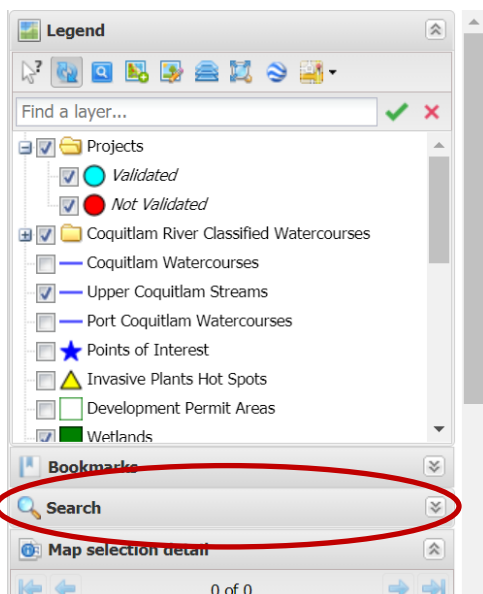
1. **Find Address** tool, which will populate the latitude and longitude and place a crosshair on the map (see the [Projects](#) section of [Navigating the Menu Ribbon](#))





OR

2. The **search address bar** in the side panel (see the [Using the Search Address Function](#) section of [Navigating the Side Panel](#)).



Once you have navigated to your project location, click the [Add a Project](#) tool in the [Menu Ribbon](#). This will prompt you to enter a username and password, which can be obtained by emailing coordinator@coquitlamriverwatershed.ca with the **subject "Request to Add Project"**.

Once you have entered the username and password, a dialogue box will open where you can fill in your project details. Please note that the Project Name is a mandatory field. You can only select one Project Type for each entry.

To add the project location, enter the name of the location and click “Add Point” in the dialogue box. This will minimize the dialogue box so you can click on your project location on the basemap. Once you have done so, the dialogue box will reappear with the latitude and longitude fields populated.

Next, fill in the relevant section for the Project Type you selected. For example, if you selected Project Type a. Habitat Restoration, Creation or Enhancement, only answer the questions in the corresponding section a. Habitat Restoration, Creation or Enhancement.

Coquitlam River Watershed Atlas

a. Habitat Restoration, Creation or Enhancement

What type of habitat are you restoring, creating or rehabilitating?

- ☐ Aquatic
- ☐ Terrestrial
- ☐ Both

Are you restoring, creating or enhancing a habitat? (choose all that apply)

- ☐ Restoring
- ☐ Creating
- ☐ Enhancing

What is the condition of the habitat prior to your project?

What species of plant(s) or animal(s) are you targeting? (refer to BC Ecosystems Explorer)

Please list the project outcomes (e.g. improved flow, quality of UWS, increased rearing ponds)

b. Fish Enhancement

Once you have completed your relevant section, scroll down to the bottom of the dialogue box and click **Save**.

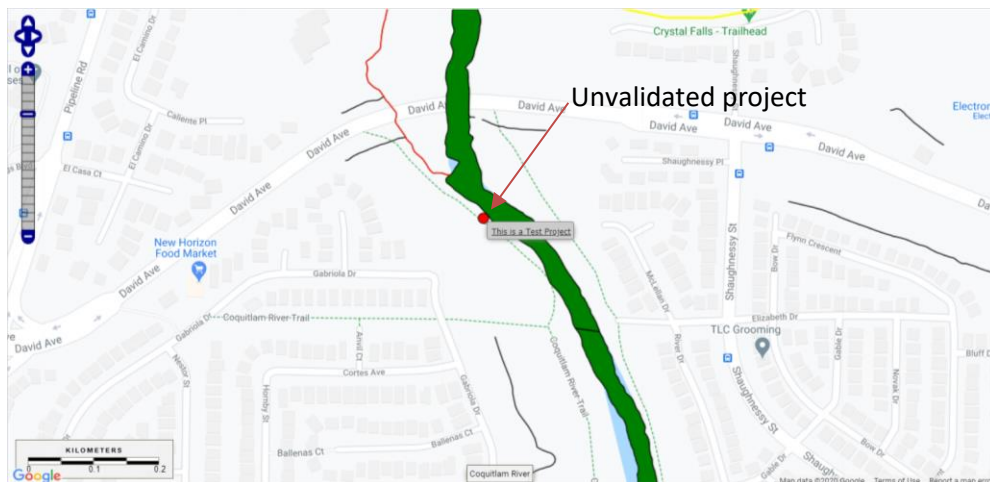
Project Validated (Admin Only)

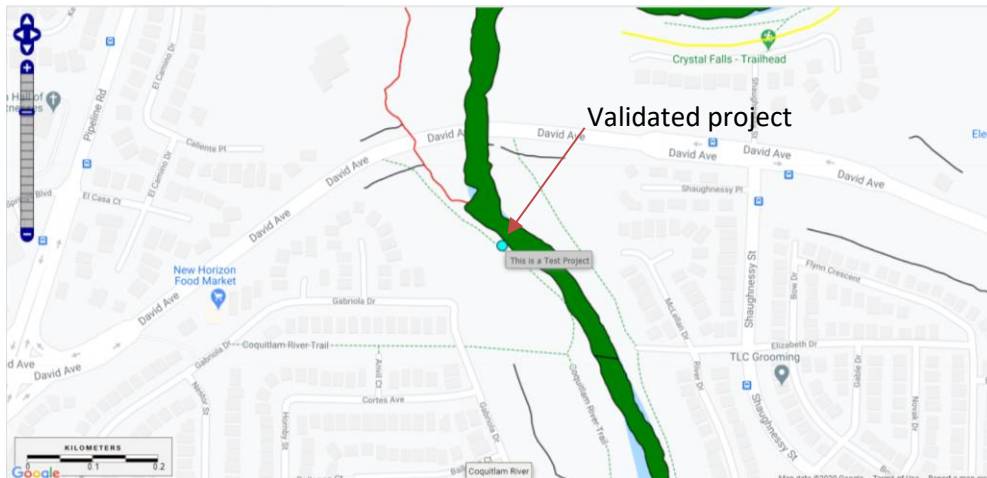
- ☐ YES
- ☐ NO

Save [Back to list](#)

Please do not fill in this section. It is for Admin only.

Note: Your project will appear as “unvalidated” (red) until verified (blue) by an Administrator.

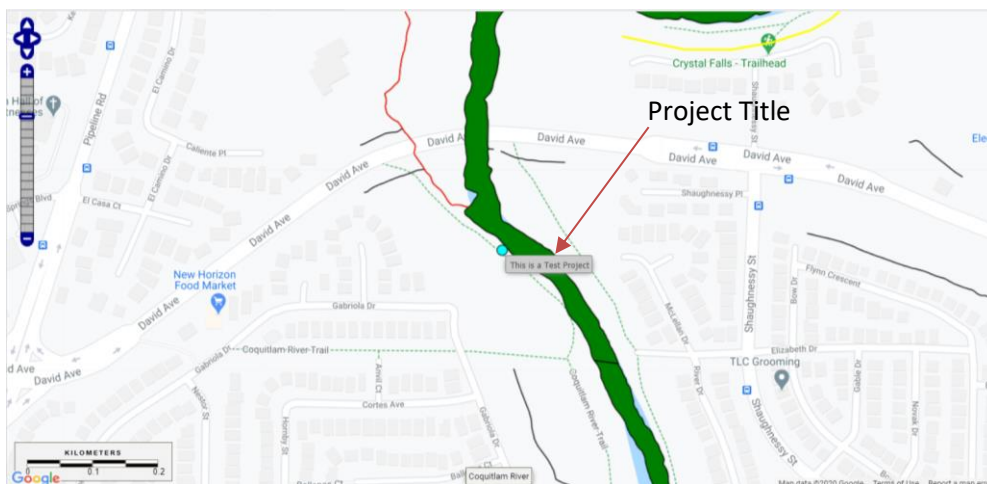




Viewing Project Information

To view a project you just entered or any other project in the watershed, be sure to turn on the **Projects** layers (see [Turning Layers on and Off](#)).

Hover over a project point with your mouse and the project title will appear.



Click on **Projects List** in the [Projects](#) menu in the ribbon at the top of your screen. This will open a list view of all projects with their relevant details, contact information and links.

The screenshot displays a web application titled "Projects". It features a search bar, a settings icon, and a "Login" button. Below the header, a table lists project information. The table has six columns: PROJECT ID, Project Name, Please describe your project (include any relevant web links), Contact, Where is your project located?, and What is the start date of your project?. Two rows of project data are visible. The first row is for "Maple Creek Invasive Species Removal and Native Plantings" and the second is for "This is a Test Project".

PROJECT ID	Project Name	Please describe your project (include any relevant web links)	Contact	Where is your project located?	What is the start date of your project?
Zoom (35)	Maple Creek Invasive Species Removal and Native Plantings	Removal of invasive species and native planting around the trailhead at Maple Cr More ...	Sandra Budd	Maple Creek	11/15/2018
Zoom (48)	This is a Test Project	This is a test project description	Roundtable Coordinator	Coquitlam River	

Annotations in the image:

- "Project Information" with an arrow pointing to the first row of the table.
- "Close window" with an arrow pointing to the "X" icon in the top right corner of the window.

Scroll right for more project information. To return to the map view, close the list view by clicking the "X" in the top right corner of the window.

Thank you for using the Coquitlam River Watershed Atlas and Project Inventory! If you have any further questions, please contact the Roundtable Coordinator at coordinator@coquitlamriverwatershed.ca.