Environmental Records Viewer

User guide

Alberta

Classification: Public

Contents

1. Context

This user guide presents the functionalities available in the Environmental Records Viewer (ERV).

The Water Act page of this web application allows users to find and view information relating to Water Licence (WL) applications and authorizations.

2. Link

The Environmental Records Viewer is available from most mobile devices or modern web browsers at:

https://geospatial.alberta.ca/erv

3. Tools available in the ERV – Water Act page

3.1 Default Map View

Click the button to reset the map visibility to the default zoom level.

The "Default Map View" button is also known as the Home Button Widget.

3.2 Map Layers

Click the button to open the Layer List widget.

The Layer List widget provides a list of operational layers and allows you to turn individual layers on and off. Each layer in the list has an 'eye' icon that allows you to control its visibility: on or off

Some layers contain several sublayers. The order in which layers appear in this widget corresponds to the layer order in the map.

The order in which layers appear in this widget corresponds to the layer order in the map. Some layers may not display at the provincial level view, but will start appearing as you zoom in. The ones that are displayed at your current zoom level have their title shown with black text, and the ones that are not have their text in light gray.

The Layers widget is tabbed with the Legend widget.

3.3 Legend

Click the button to open the Legend widget.

The Legend widget displays labels and symbols for layers in the map. When no operational layers are rendered in the map, the Legend widget is blank. The order in which layers appear in the Legend widget corresponds to the layer order in the map.

3.4 Search by Location and Search by Alberta Township System (ATS)

There are two ways to search on the map and zoom to a specific location using the search widget :
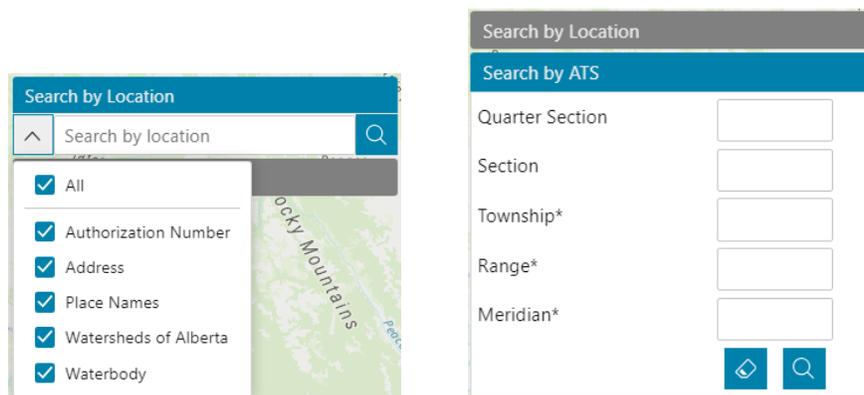
1. **Search by Location** allows the user to locate Authorizations, Addresses, Place Names, Watersheds and Water bodies.
2. **Search by ATS** allows the user to locate an Alberta Township System unit.

3.4.1   Search Widget Additional Resources

The knowledge article "How to use the Environmental Records Viewer – Part 2: Map Searches" provides a detailed description of how to use this widget.

A recording that demonstrates the content in the knowledge article is also available on YouTube.

3.5 Selection Tool

Click the [icon] button to open the Selection Tool widget.

This tool was customized to allow users to filter specific records, either for an authorization or an application. Each function is detailed in this section.

3.5.1 Authorization Tab
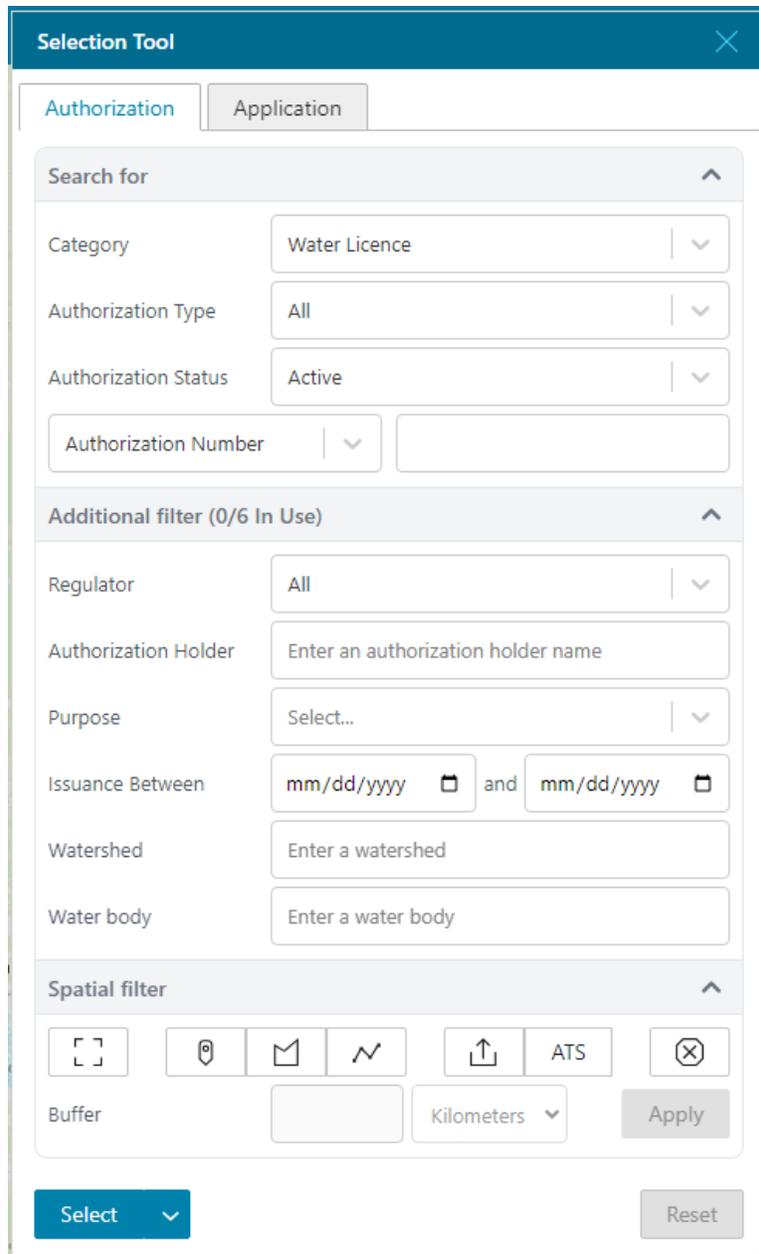
The Authorization tab allows the user to search for authorizations using the following criteria:

- Category
- Authorization Type – the list of values depends on the Category selected above.
- Authorization Status – Active or Inactive
- Application OR Authorization number
- Additional filters, such as:
  - Regulator
  - Authorization Holder - must type at least one character to see a list of suggestions
  - Purpose
  - Issuance Between - start and end dates can be used independently
  - Watershed - must type at least one character to see a list of suggestions
  - Water body - must type at least one character to see a list of suggestions
- Spatial filters, including:
  - Geometry (Current Area, Points, Polygons, Polylines, and Uploaded Shapefiles)
  - ATS search criteria (Township, Range, Meridian, Section and Quarter Section)

Each filter section is an accordion style menu, allowing to click on the header to expand or collapse the list of search criteria. The headers for the Additional filter and Spatial filter sections will display if any of the criteria are in use.

Two actions are available in the bottom left-hand corner: Select or Open Report. The Select action allows to query the authorization data using the filters, the result of the query will be displayed in the Result Tab. The Open Report action opens a new tab in the current browser to access an authorization report external to ERV. The report parameters are automatically filled in using the textual filters selected in ERV. Please note that spatial filters cannot be propagated to the reports external to ERV.

The Reset button in the bottom right-hand corner of the window resets all the filters and results.

3.5.2 Application Tab

The Application tab allows the user to search for applications using the following criteria:

- Category
- Authorization Type – the list of values depends on the Category selected above
- Application Status – Active or Inactive
- Application Number
- Additional filters, such as:
    - Regulator
    - Applicant - must type at least one character to see a list of suggestions
    - Purpose

- ○ Watershed - must type at least one character to see a list of suggestions
- ○ Water body - must type at least one character to see a list of suggestions
- Spatial filters, including:
  - ○ Geometry (Current Area, Points, Polygons, Polylines, and Uploaded Shapefiles)
  - ○ ATS search criteria (Township, Range, Meridian, Section and Quarter Section)

Each filter section is an accordion style menu, allowing to click on the header to expand or collapse the list of search criteria. The headers for the Additional filter and Spatial filter sections will display if any of the criteria are in use.

Two actions are available in the bottom left-hand corner: Select or Open Report. The Select action allows to query the application data using the filters, the result of the query will be displayed in the Result Tab. The Open Report action opens a new tab in the current browser to access an application report external to ERV. The report parameters are automatically filled in using the textual filters selected in ERV. Please note that spatial filters cannot be propagated to the reports external to ERV.

The Reset button in the bottom right-hand corner of the window resets all the filters and results.

3.5.3 Results Tab

The Results tab displays the returned application or authorization results from a search performed by a user. The user can press the ⊕ button next to the header to zoom to all selected records on the map. The ▦ button to the right of the header opens the attribute table, displaying all allocation details.

Using the following buttons to the right of a returned result will allow the user to zoom ⊕ and highlight ╺╊╸ a specific record on the map, as well as open the attributes table ▦ containing information pertaining to the record.

⊕ ╺╊╸ ▦
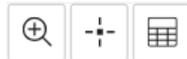
Clicking on a returned record will open an expanded information section, featuring several details about the selected authorization or application.

Three actions are available in the bottom left-hand corner: Open Report, Extract to CSV or Extract to Shapefile. The Extract actions allow the user to extract all selected authorization or application data using the filters, the result of the query will be displayed in the Extracts Tab. The Open Report action opens a new tab in the current browser to access an authorization or application report external to ERV. The report parameters are automatically filled in using the textual filters selected in the Authorization or Application Tab, depending on the search that created the Result Tab. Please note that spatial filters cannot be propagated to the reports external to ERV.

The Clear Result button in the bottom right-hand corner of the window resets all the filters and results.

If there are too many records selected, a message indicates that not all records are shown. To obtain all selected records, the user must extract the data in the format of his choice.

⚠ Query limit reached. Only a subset of records is currently being shown. To extract the full dataset of the query, use the "Extract to CSV" or "Extract to Shapefile" buttons.

3.5.3.1 Authorization Results

In the authorization summary, press one of the following links to view external reports relating to the selected record:

- Authorization number link to the Authorization external report.
- Application number link to the Application and authorization external report.

At the bottom of expanded information section, any related documents that may be associated with the selected record will appear. If available, follow the links provided to view these related documents.

3.5.3.2 Application Results

In the application summary, press the Application number to access the Application external report related to the selected record.

3.5.4   Extracts Tab
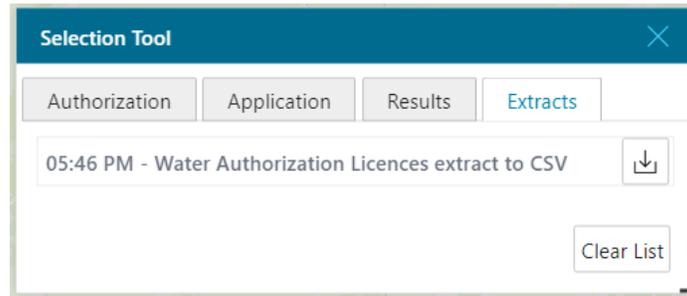
The Extracts tab displays the list of extractions requested by the user during the current session. Press the ⤓ button next to the description of the extraction to download the resulting file.

The Clear List button in the bottom right-hand corner of the window clears the list of extracts.

3.6 Attribute Table

| Selection Tool Results - Water Authorization Licences | | | | | | | |
Location	Authorization Number	Legacy Authorization Number	Application Number	Priority Number	Allocation Number	Authorization Status	Author
⊕	32655		001-32655	1968-12-01-0001	12901	Active	ASSINGEI
⊕	32655		001-32655	1978-12-05-0001	12902	Active	ASSINGEI
⊕	32671			1978-08-21-0001	12920	Active	PRAIRIE N
⊕	32707		001-32707	1978-07-25-0008	12961	Active	WAPITI G
⊕	32715			1978-08-10-0002	12971	Active	LAFARGE
⊕	32827		001-32827	1978-03-22-0001	13124	Active	ALBERTA

The Attribute Table widget displays a tabular view of the selected records' attributes. It displays at the bottom of your web app and can be opened, resized, or closed.

Here are the main features of the table:

- Header details the type of search performed (authorization or application).
- Gray record highlights the selected record.
- White record shows not selected record (color by default).
- Location column allows user to zoom on an allocation if location data is available. The No location icon replaces the magnifying glass when no location is available.

To open or collapse the Attribute Table, click on the arrow button located at the bottom center of your screen.

3.7 Selection Tool Widget Additional Resources

The following knowledge articles provide a detailed description of how to use this widget. Recordings are also available on YouTube to demonstrate the content covered in each article.

- How to use the Environmental Records Viewer – Part 3: Selection Tool (video)
- How to use the Environmental Records Viewer – Part 4: Selection Tool Search Results (video)

4. Help

- **Report application or access problems |** Contact TI.AGSP@gov.ab.ca