

Welcome!

To the Geoview - Editing for OSR Applications Online Training Course

The Alberta Department of Energy provides Geoview as a mapping interface to enable users to locate geographic information in Alberta, as well as Edit land tools.

This module outlines the functionality of **Edit lands** for the purposes of adding lands or modifying lands in an OSR Application.

Prerequisite: Please refer to the **Geoview Overview** module for a full review of the mapping tools offered.

Revision

Date	Revisions Type	Page Number
May 30, 2013	Updates	All
July 17, 2016	Updates	All

Introduction

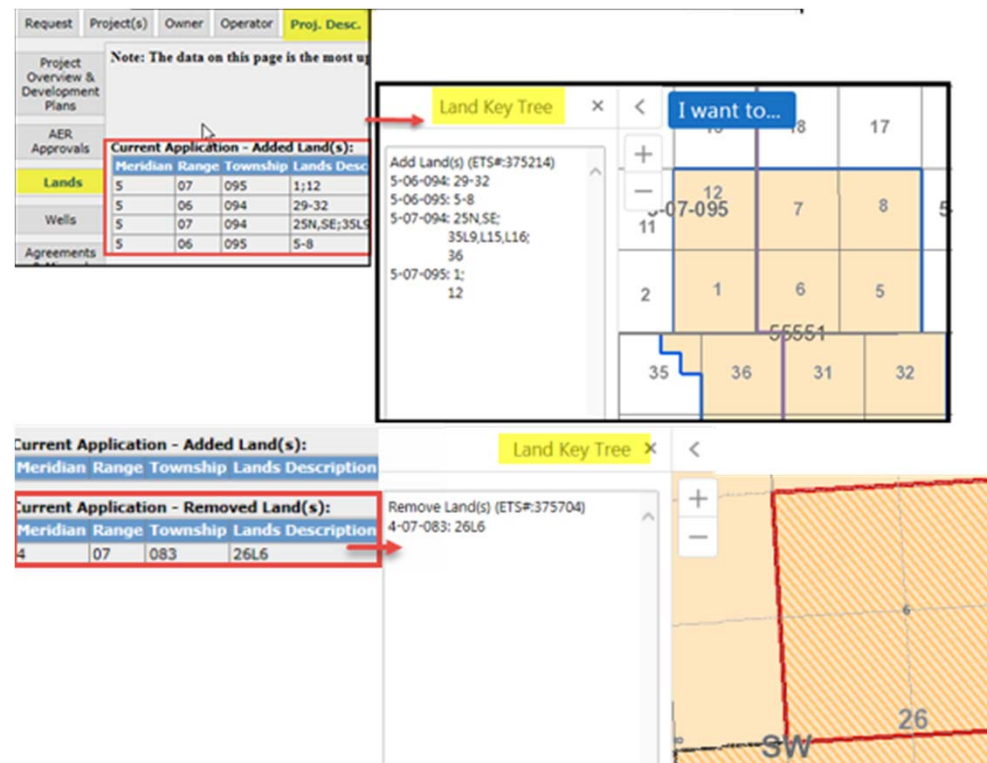
In this module you will learn how adding Schemes affects the application lands, access and use the Edit land tools used to update the lands in the application.

The following are reviewed:

- Map (Geoview)
 - Scheme/Application Lands
 - Launch Map
 - Edit Tools
- Editing Current Application Lands.
 - Defaulted Lands
 - Edit Tab
 - How to Add Land(s)
 - How to Remove Land(s)
 - from current application
 - How to request lands for removal from an existing approved project

Reference the module "Geoview Syst.Overview" for Map tool options.

Note: As this course demonstrates the use of the Geoview Edit tools, the data in some instances may not portray the actual Crown or Freehold ownership.



Current Application - Added Land(s):

Meridian	Range	Township	Lands	Description
5	07	095	1;12	
5	06	094	29-32	
5	07	094	25N,SE;35L9	
5	06	095	5-8	

Current Application - Removed Land(s):

Meridian	Range	Township	Lands	Description
4	07	083	26L6	

Land Key Tree

Add Land(s) (ETS#:375214)

- 5-06-094: 29-32
- 5-06-095: 5-8
- 5-07-094: 25N,SE;
- 35L9,L15,L16;
- 36
- 5-07-095: 1;
- 12

Remove Land(s) (ETS#:375704)

- 4-07-083: 26L6

Current Application – Scheme/Land and Map (Geoview)

Schemes added to the current application will be used for determining the lands available.

By default, if a scheme is added which has available lands both the Land Tab, and the Map will be updated.

The defaulted lands are limited to the Development Area of the scheme record.

Lands are recorded in the current application as either;
Added lands, or Removed lands.

Added land(s) – these are lands treated as application lands.

Removed land(s) – these are lands which are part of an existing OSR Project, PILL, Pending Project, or Pending New Project which have been selected by the applicant for removal in the current application.

Current Application - Added Scheme(s):

Scheme #	AER Approval Document	Effective Date	Delete
55551	R00375214.55551.ERCBApproval.PDF	2015/02/02	<input type="checkbox"/>

Current Application - Added Land(s):

Meridian	Range	Township	Lands Desc
5	07	095	1;12
5	06	094	29-32
5	07	094	25N,SE;35L9
5	06	095	5-8

Land Key Tree

Add Land(s) (ETS#:375214)

- 5-06-094: 29-32
- 5-06-095: 5-8
- 5-07-094: 25N,SE;
- 35L9,L15,L16;
- 36
- 5-07-095: 1;
- 12

Map Grid:

18	17
12	7
11	8
2	1
35	36
31	32



Application lands will be defaulted to those lands which are in the added Scheme(s) Development Area, and are not 100% freehold, or already in an OSR Project, Pending Application, or Pending New Project.

AER Approvals (Schemes) - Launch Map

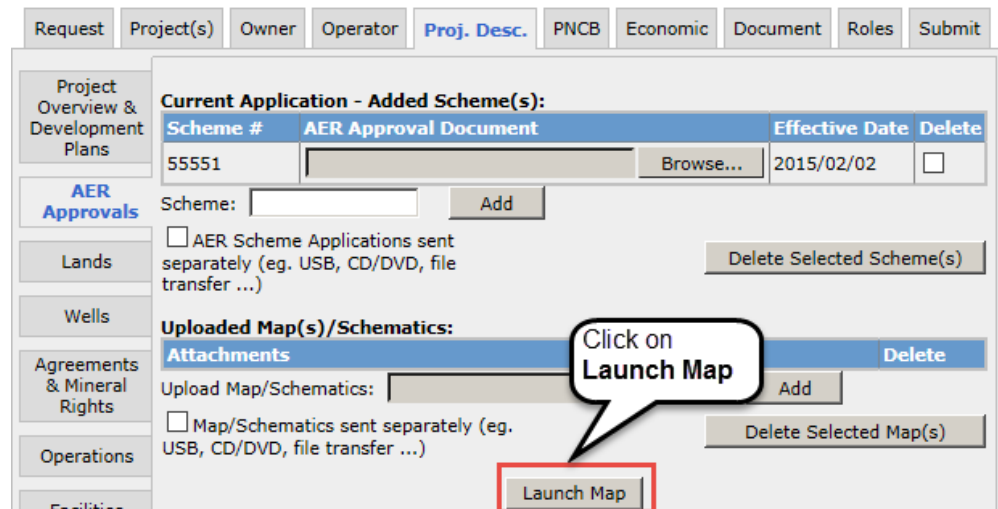
The map can be launched from the Project Description tab / sub-tab AER Approval. The **Launch Map** function is located at the bottom of page.

The map will provide a graphical representation of the subject application by displaying all associated scheme land as well as the application 'Added Lands' (if applicable).

For Amendments or Amalgamations, additional information would be provided for the Approved Project(s), Pending Applications or Pending New Projects.

Use the map Edit tools to modify lands for the Current Application.

The following pages demonstrate how to edit the application lands.



The screenshot shows the 'AER Approvals' sub-tab within the 'Project Description' tab. The interface includes a sidebar with navigation options: Project Overview & Development Plans, AER Approvals (selected), Lands, Wells, Agreements & Mineral Rights, Operations, and Facilities. The main content area is titled 'Current Application - Added Scheme(s):' and contains a table with columns: Scheme #, AER Approval Document, Effective Date, and Delete. A row is visible with Scheme # 55551, a document path, and an effective date of 2015/02/02. Below the table, there are checkboxes for 'AER Scheme Applications sent separately' and 'Map/Schematics sent separately'. At the bottom right, the 'Launch Map' button is highlighted with a red box, and a callout bubble points to it with the text 'Click on Launch Map'.



Launch Map is only available to the user who represents the Primary Owner, and has the role of Creator or Delegate. For a Delegate to make edits, they must be assigned to the application.

Map – Initial Map View

Edit tool function will be enabled if;

a) Application has Project, Potentially Includable lands & Leases (PILL), or available lands via the added Scheme,

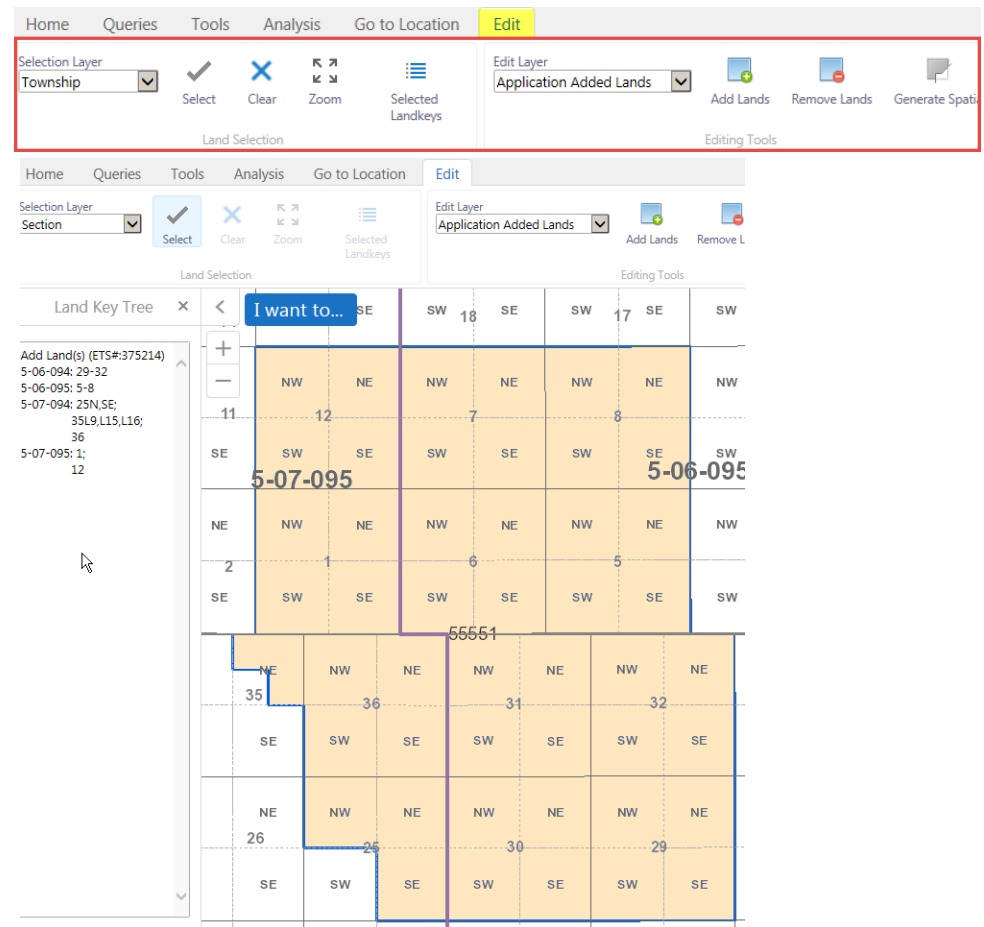
b) User represents the Primary Owner,

And

c) User is the Creator, or assigned Creator/Delegate.

Left Panel of the map screen defaults to the Land Keys in the application. If there are no lands added, the panel will be empty.

* details in Geoview Overview module



Geoview – Map Contents - Application Layer

The **Map Contents** panel will display layers specific to the current project application under the heading OASIS. Each layer can be turned **On** or **Off**.

The layers under OASIS are:

Application – represents the lands recorded for the Current Application.

- **Added Land** – land added in the Current Application.
- **Removed Land** - lands to be removed from an existing record; eg. Approved OSR Project, Approved PILL, Pending New Project, or Pending Application.

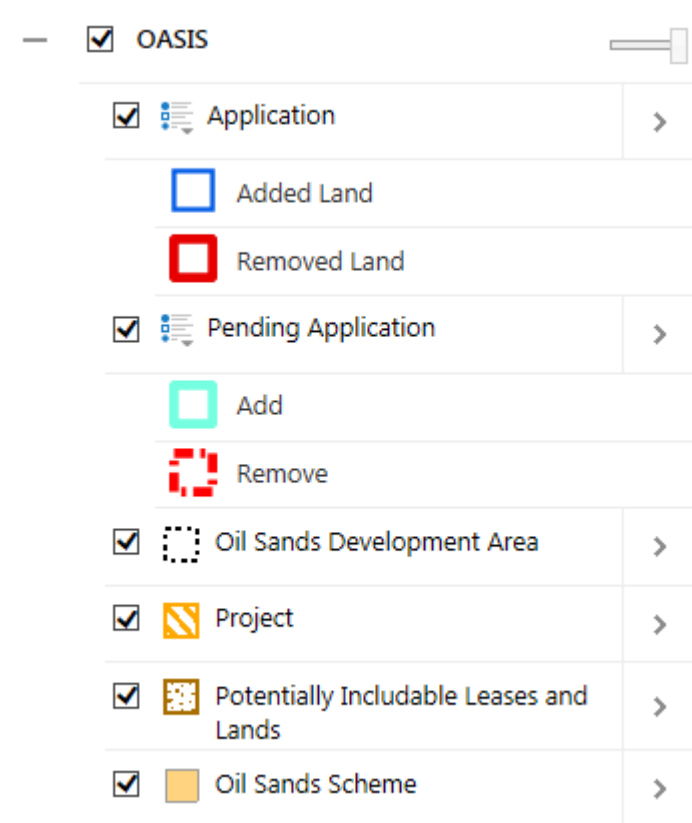
Pending Application– displays those lands requested under a prior submitted application on the same project.

Project– displays the existing OSR Project.

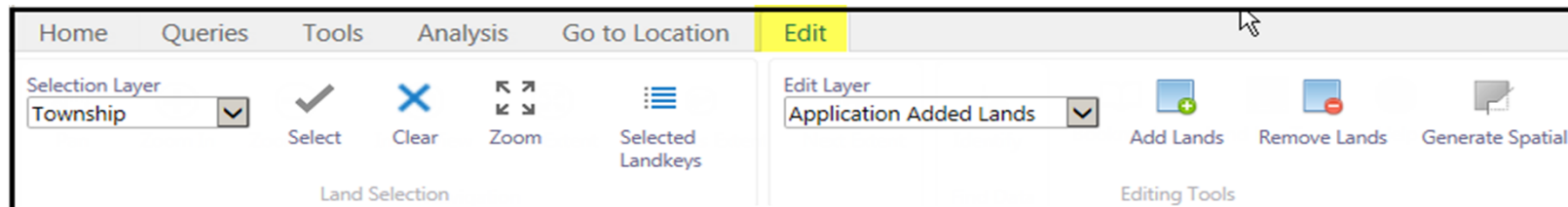
Potentially Includable Leases and Lands – displays those lands approved as PILL lands under the existing OSR Project.

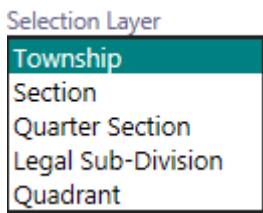


Oil Sands Scheme – displays the AER Approval lands

Oil Sands Development Area – displays the Development Area lands for the AER Approval.






GeoView - Toolbar - Edit Tab



Use these tools:	To:
	Defines at which level the lands can be selected. Eg. Section, ¼ section, LSD, or quadrant.
	Activates the map selection tool. Upon activation, a R-mouse click will either select or unselect lands. (1 st click is to select, 2 nd click on same lands is to unselect).
	Current selected lands are cleared.

GeoView - Toolbar - Edit Tab (Continued)

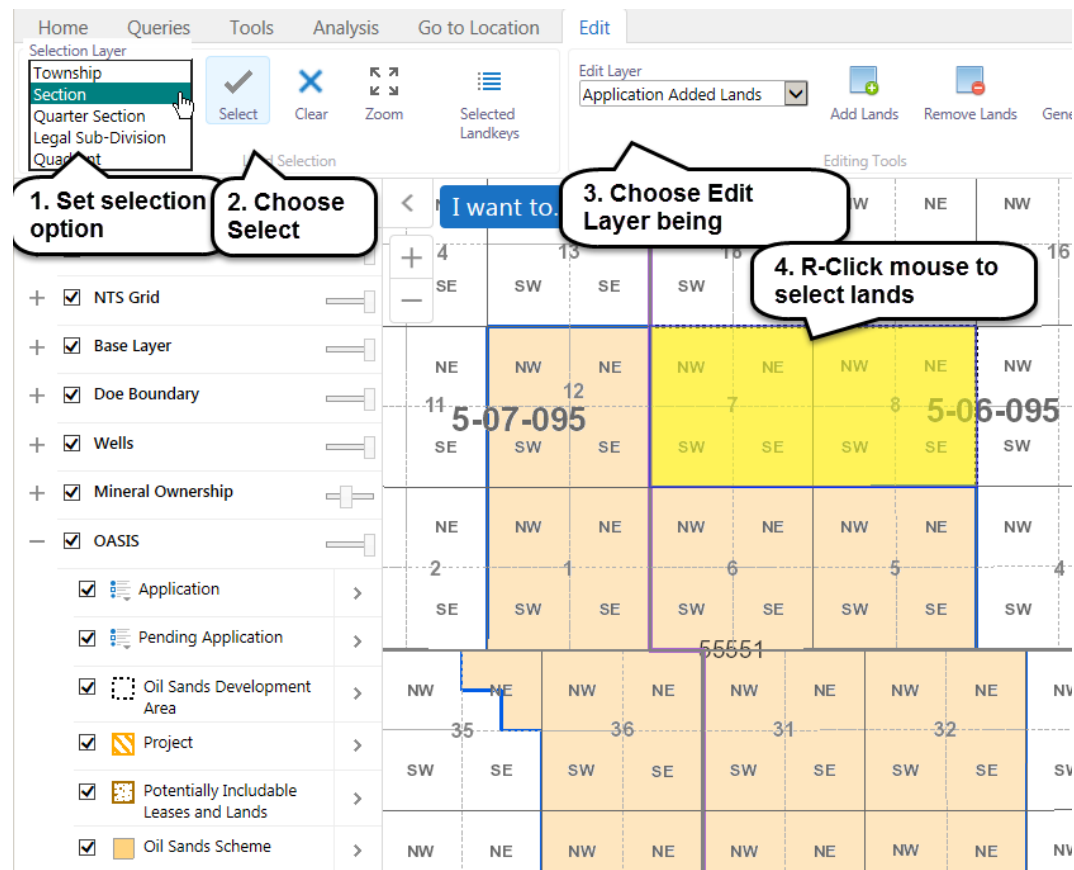
Use these tools:	To:
<div> Edit Layer <div> Application Added Lands Application Removed Lands </div> </div>	Edit Layer: Used to identify what land record is being modified. a) Application Added Lands – lands that are newly applied for lands. b) Application Remove Lands – lands being requested for removal from an existing record (eg. Project, Pending application, PILL)
 Add Land(s)	Add Land(s) – Action to add the selected lands to the Edit Layer.
 Remove Land(s)	Remove Land(s) – Action to remove the selected lands from the Editing Layer
 Selected Landkeys	Displays the Selected Land keys in the Left panel. <i>[used when a previous instance was closed]</i>

Map – Add Lands to the Current Application

Lands can be added to the application by way of the 'Application Added Lands' Edit Layer.

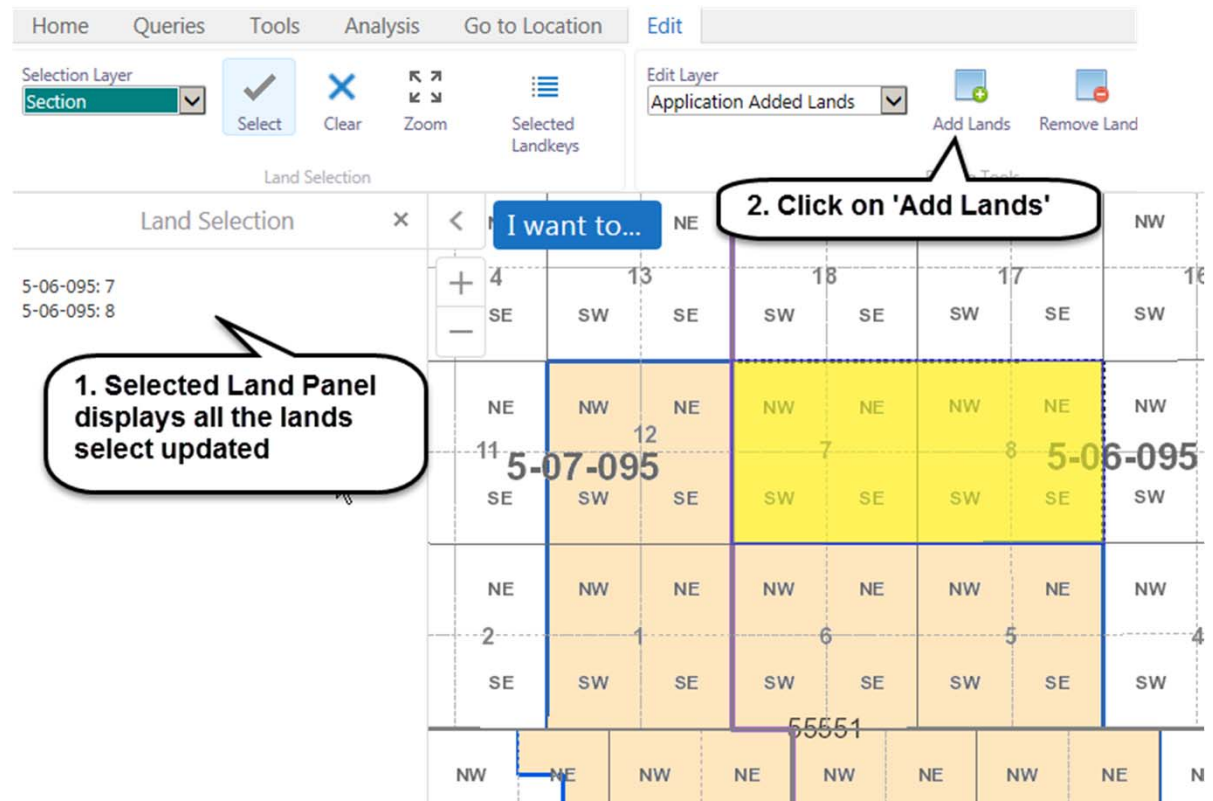
Steps:

1. Set **Selection** layer
2. Click on the **Select** tool
3. Choose **Appl.Added Lands** [Edit Layer]
3. Click on the map to select Land(s)
4. Click **Add Lands**



Map – Add Lands to the Current Application (...continued)

1. Selected Lands will be identified in Information Panel under **Land Selection**
2. After Land has been selected, click on **Add Land(s)**



Map – Add Lands to the Current Application (...continued)

After clicking on Add Land(s), a validation screen is displayed.

Click on **Apply** to finalize the lands being added, or **Cancel** to return back to map.

Note: Validation will identify whether selected lands are allowed, if not an error message will appear.

Land Edit Validation x < I want to...

Land(s) Allowed to be added:
5-06-095: 7
5-06-095: 8

1. Review lands before finalizing.

2. Choose 'Apply' to finalize, or 'Cancel' to go back to map.

Cancel Apply

Land Edit Validation x < I want to...

Error-Land(s) not available:
5-06-095: 18

Land(s) Allowed to be added:
5-06-095: 7
5-06-095: 8

Cancel Apply

Map – Add Lands to the Current Application (...continued)

After **Applying** the land changes;

- a) the Map information (Land key tree & Land boundary) is updated

and

- b) the Lands tab in the application is updated.

1. Land Key Tree is updated.

Note: ETS Request # is located above lands.

2. Land Boundary is adjusted to show allowed lands

Current Application - Added Land(s):					
	Meridian	Range	Township	Lands Description	Scheme #
AER Approvals	5	07	095	1;12	55551
Lands	5	06	094	29-32	55551
Wells	5	07	094	25N,SE;35L9,L15,L16;36	55551
Agreements	5	06	095	5-8	55551

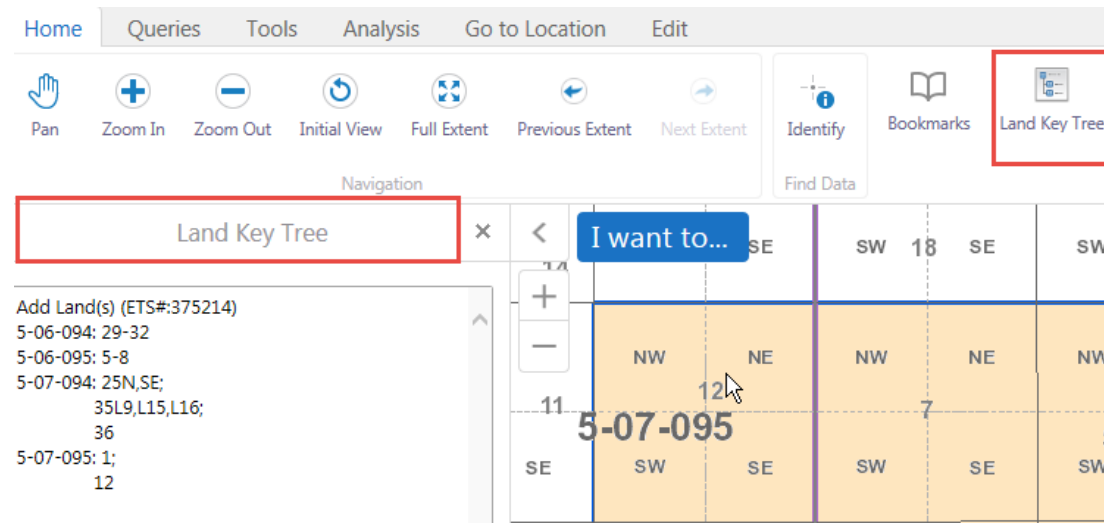
Map – Land Key Tree (sort order)

The **Land Key Tree** will display those lands which are in the application at the time of last saved action and land boundary will be adjusted accordingly.

Land Keys sort order are as follows:

- Meridian
- Range
- Township
- Sections
- Quarter Sections
- Legal Sub Divisions
- Quadrants

The icon for the Land Key Tree may be selected to display the lands.

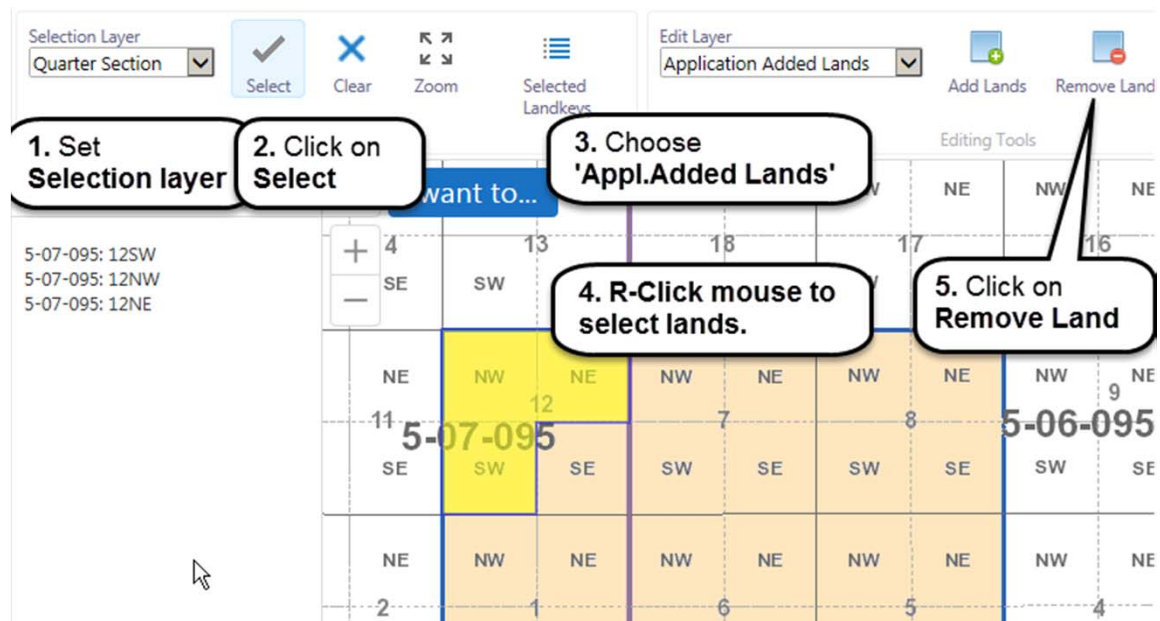


Map – Remove Lands from the Current Application record

Lands which are recorded in the application as Added Lands can be removed.

Steps:

1. Set **Selection layer**
2. Click on the **Select** tool
3. Choose **Appl.Added Lands** [Edit Layer]
3. Click on the map to select Land(s)
4. Click **Remove Land**

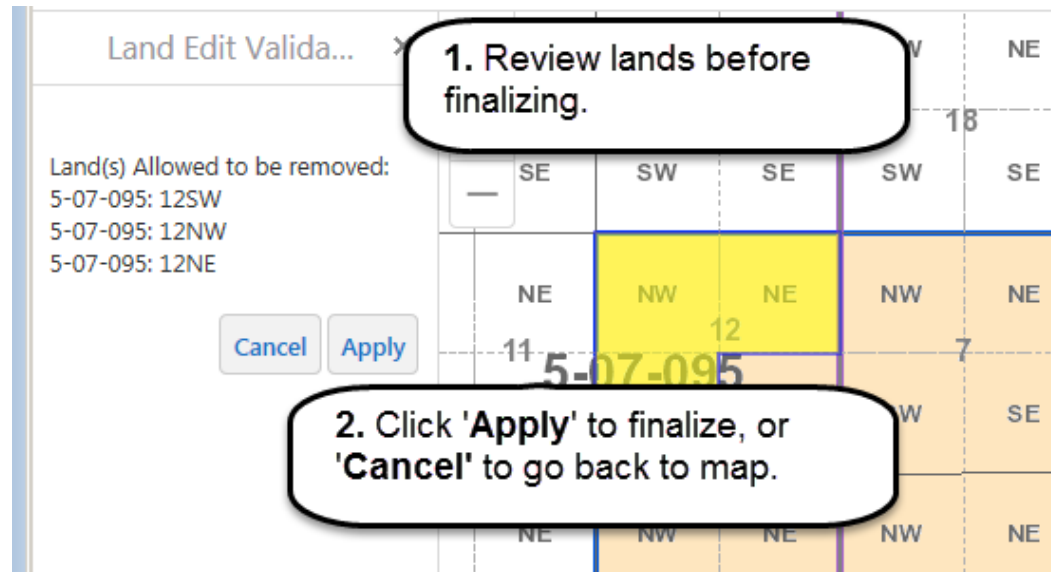


Map– Remove Lands from the Current Application record (...continued)

After clicking on Remove Land(s), a validation screen is displayed.

Click on **Apply** to finalize the lands being removed, or **Cancel** to return back to map.

Note: Validation will identify whether selected lands are allowed for removal, if not an error message will appear.



Land Edit Validation

Land(s) Allowed to be removed:
5-07-095: 12SW
5-07-095: 12NW
5-07-095: 12NE

1. Review lands before finalizing.

2. Click 'Apply' to finalize, or 'Cancel' to go back to map.

Cancel Apply



Cancel will close the popup window and return back to edit session.

Map– Remove Lands from the Current Application record (...continued)

After **Applying** the land changes;

- a) the Map information (Land key tree & Land boundary) is updated

and

- b) the Lands tab in the application will be updated.

Land Key Tree

Add Land(s) (ETS#:375214)

- 5-06-094: 29-32
- 5-06-095: 5-8
- 5-07-094: 25N,SE; 35L9,L15,L16; 36
- 5-07-095: 1; 12SE ←

1. Land Key Tree is updated.

2. Land Boundary is adjusted for the removed lands.

Current Application - Added Land(s):

Meridian	Range	Township	Lands Description	Scheme #
5	07	095	1;12SE ←	55551
5	06	094	29-32	55551
5	07	094	25N,SE;35L9,L15,L16;36	55551
5	06	095	5-8	55551

Map – Amendments – Existing Approval project lands requested for removal

Lands in an approved project may be requested for removal in an amendment application.

The lands requested for removal are recorded;

- under the Lands Tab as **Current Application – Removed Lands**,

and

- in the map as **Removed Land**; these lands will have a Red boundary.

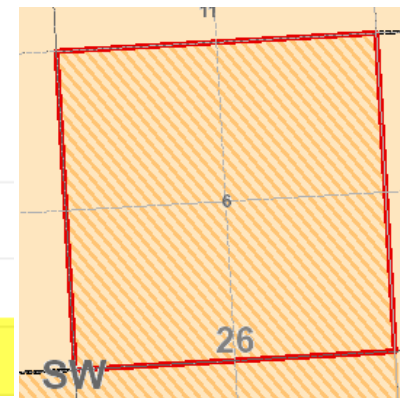
Current Application - Added Land(s):			
Meridian	Range	Township	Lands Description
Current Application - Removed Land(s):			
Meridian	Range	Township	Lands Description
4	07	083	26L6

☒ OASIS

☒ Application

☐ Added Land

☒ Removed Land



Map – Amendments – Existing Approval project lands requested for removal (Continued)

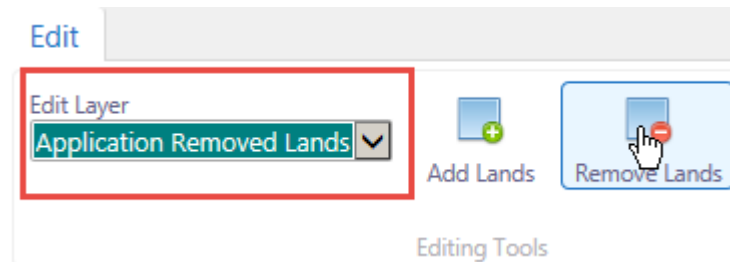
Land edits, for the purpose of removing lands from an existing approved project need to be made using the Edit layer
“Appl.Removed Lands”.

Since the **‘Appl.Removed Lands’** record represents lands to be removed from an existing approved project; your land selection on the map may be followed by the action;

- **‘Add lands’** to record additional lands to be removed from the existing project.

or

- **‘Remove lands’** to record less lands to be removed from the existing project.



Cancel will close the popup window and return back to edit session.

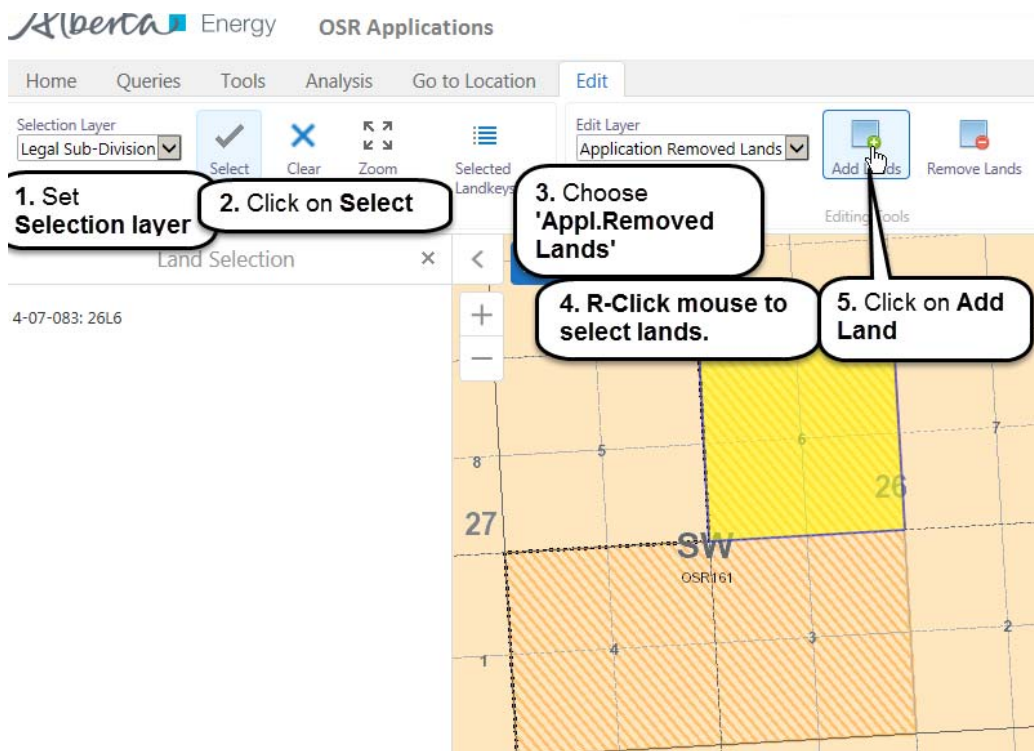
Map – Amendments – Existing Approval project lands requested for removal (Continued)

Land which are recorded in an approved project may requested for removal. These lands would be identified under the Edit Layer “Application Remove Lands”.

To add approved project lands to the Remove land record follow these steps.

Steps:

1. Set **Selection layer**
2. Click on the **Select** tool
3. Choose **Appl.Removed Lands** [Edit Layer]
3. Click on the map to select Land(s)
4. Click **Add Land**




Map – Amendments – Existing Approval project lands requested for removal (Continued)

After clicking on Add (to the Removed Land record) a validation screen is displayed.

Click on **Apply** to finalize the lands being removed, or **Cancel** to return back to map.

Note: Validation will identify whether selected lands are allowed for removal, if not an error message will appear.



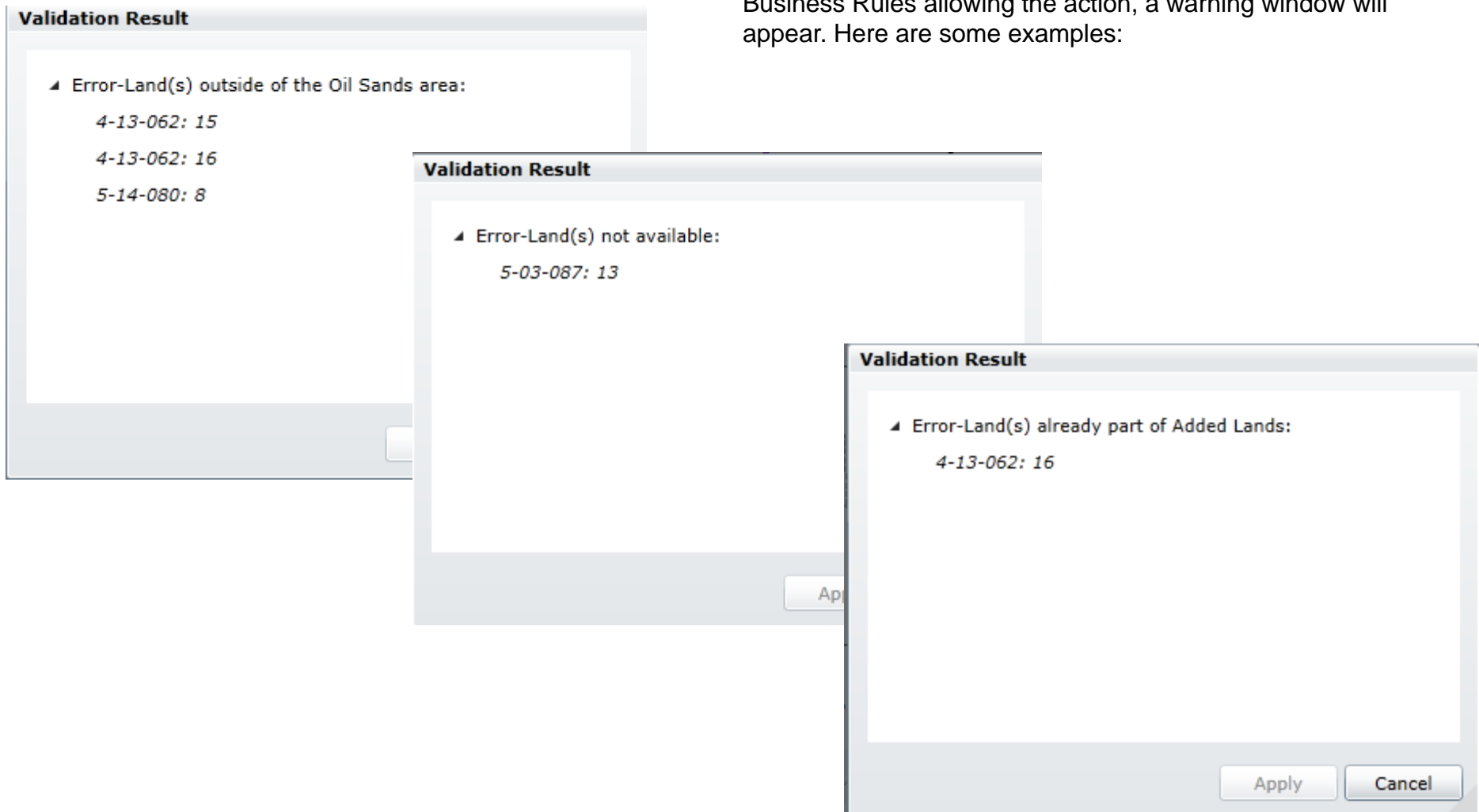
The image shows two screenshots of the OASIS map interface. The top screenshot shows the 'Land Edit Validation' window with a 'Land(s) Allowed to be added: 4-07-083: 26L6' and 'Cancel' and 'Apply' buttons. A callout box points to the 'Apply' button with the text: '1. Click 'Apply' to finalize, or 'Cancel' to go back to map.' The bottom screenshot shows the 'Land Key Tree' window with a 'Remove Land(s) (ETS#:375704) 4-07-083: 26L6' entry. A callout box points to the 'Apply' button with the text: '2. 'Apply' will finalize the lands under 'Remove Land(s)'. Another callout box points to the map area with the text: '3. Lands will appear as 'Removed Lands' on the map.'



Cancel will close the popup window and return back to edit session.

Validation Results - Errors

While editing, if an action is performed which is contrary to the Business Rules allowing the action, a warning window will appear. Here are some examples:



The image displays three overlapping 'Validation Result' dialog boxes, each showing a different type of validation error. The dialog boxes are styled with a light gray header and footer, and a white main content area. The first dialog box on the left shows an error about land outside the Oil Sands area. The middle dialog box shows an error about land not being available. The third dialog box on the right shows an error about land already being part of added lands. Each dialog box has an 'Apply' button in the footer.

Validation Result

- ▲ Error-Land(s) outside of the Oil Sands area:
 - 4-13-062: 15
 - 4-13-062: 16
 - 5-14-080: 8

Validation Result

- ▲ Error-Land(s) not available:
 - 5-03-087: 13

Validation Result

- ▲ Error-Land(s) already part of Added Lands:
 - 4-13-062: 16

Apply

Apply Cancel

Congratulations!

You have completed the Geoview – Editing for OSR Applications Online Training Course

Supplemental training materials are available and can be accessed from the Alberta Energy Online Learning home page under:

- Interactive Map – GeoView System Overview
- Oil Sands – Create New OSR Project Application
- Oil Sands – Create an Amendment OSR Project Application

If you have any comments or questions on this training course,
please forward them to the following email address:
ENERGY-MOGISSupport@gov.ab.ca