

How to Use the NAMLRD Interactive Web Maps

The Navajo Abandoned Mine Lands Reclamation Department (NAMLRD) website provides an interactive map of NAMLRD Projects. These include: **AML** – Abandoned Mine Lands reclamation projects; **PPF** – Public Facility Projects, and; **UMTRA** – Uranium Mill Tailings Remedial Action oversight projects.

A static map of all the NAMLRD project locations is shown on the [NAMLRD Home page](#). Clicking on the map takes you to the interactive version of the map. When you arrive on the interactive web map page you will see a map that looks like the one below. Some key map display controls are labeled in red. Additional brief descriptions are provided in the following pages.

MapViewer Title (points to the header bar)

Map Controls (identified below) (points to the top-left control panel)

Return to NAMLRD Home Page (points to the 'NAMLRD Home' link)

Contact Us Form (points to the 'Contact Us' link)

This Guide Document (points to the 'Help' link)

Map Display Area (points to the main map area)

Legend Area (points to the legend on the left)

Layers Without Checks are not displayed (click in box to display layer) (points to unchecked items in the legend)

Greyed Out Layers are not shown on map at current display scale (zoom-in to see) (points to greyed-out items in the legend)

Scale Bar and Cursor Map Coordinates (points to the scale bar and coordinates at the bottom left)

Map Controls (enlarged)

Zoom-in (+ icon)

Zoom-out (- icon)

Default Extent Navajo Nation (Home icon)

Basemap Options (Grid icon)

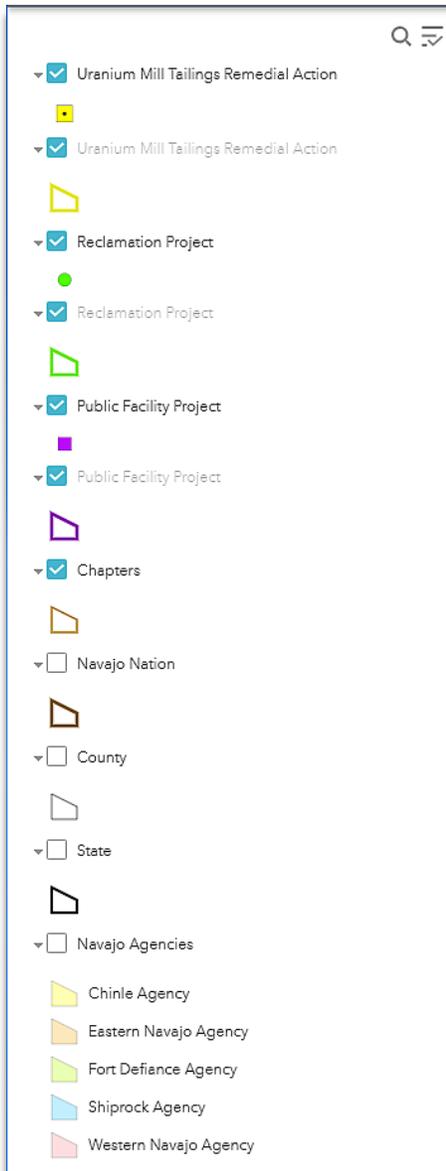
Chapters List (with Projects) (Church icon)

Print (PDF map) (Printer icon)

Find a Named Address or Location (Search bar with 'Find address or place' text)

Controlling Map Layers

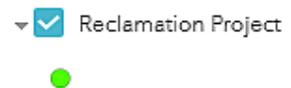
Legend Area



Available map layers are shown in the Legend Area. The different types of NAMLRD projects are shown in different colors. At different scales, the project locations are shown as either symbols, such as circles or squares, or as outlines of the project areas. The matching color symbols or outlines for each map layer are shown below the layer name in the Legend Area.

The project locations are shown as symbols when the map is zoomed out to display the entire Navajo Nation. As you zoom-in closer on the map this will change to outlines of the project areas. When a symbol or outline is not shown on the map, it is grayed out in the Legend Area.

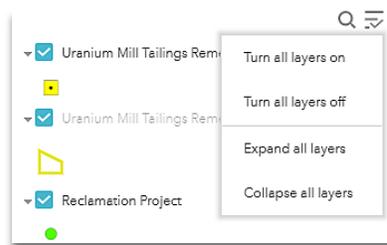
Project location shown as green circle on the map:



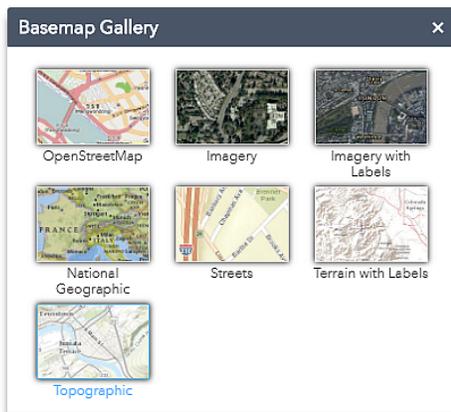
Project area outline not shown on the map: (grayed out Legend label)



Some layers are not initially checked “on” in the Legend Area. By clicking your mouse cursor in the empty box next to the layer name it will become checked and displayed in the map. The Layer tool  located in the upper right corner of the Legend has a dropdown list of options affecting all layers:



Changing the Basemap



The map background or “basemap” shown by default is the Topographic basemap. The basemap may be changed by clicking on the Basemap Gallery button  located at the upper left part of the map area.

The Basemap Gallery dropdown list of options are shown to the left. The Topographic basemap is the currently selected basemap as indicated by the blue title. Left clicking on any one of the basemaps will make it active. The Imagery or Imagery with Labels basemaps are among the most useful and provide an aerial image map background. Another useful map is the Streets basemap.

Panning, Zooming In, and Zooming Out

You can move the map by simply depressing and holding the left mouse key anywhere in the map, and then dragging the map in the direction you choose.

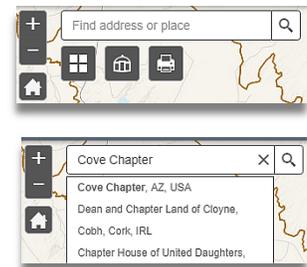
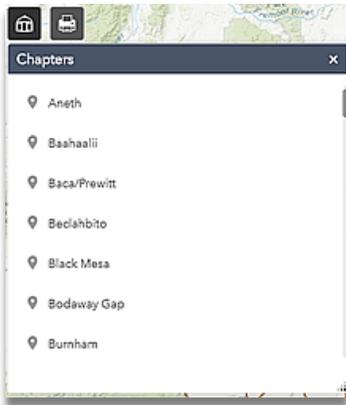
You can zoom in and out using the scrolling wheel on a mouse equipped with a wheel. If you do not have one you can use the plus **+** and minus **-** buttons located at the upper left part of the map area. Each click on either button will zoom in or out by about 50%.

The Default Extent **🏠** button located at the upper left part of the map window will return you to a view of the entire Navajo Nation.

Zoom to a Chapter

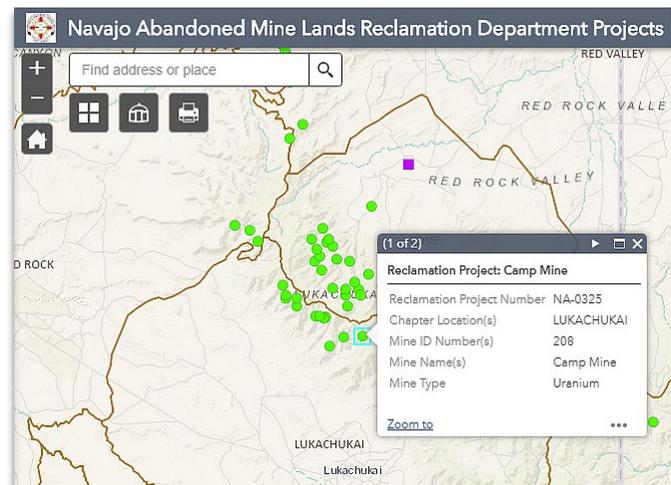
Clicking on the Chapter button **🏠** will display a dropdown list of Chapter names. You can use the scroll on your mouse or drag the scroll bar on the right side of the dropdown to see the full list of Chapters. Only Chapters with NAMLRD projects are on this list. You can zoom to a specific Chapter location by finding the Chapter name and clicking on it.

Another method is to use the Address/Place search tool, shown to the right. You type in the name, including "Chapter" and click on the magnifying glass button. A dropdown search list of results will be displayed, and the requested Chapter can be selected. Clicking on the Chapter dropdown list name will then zoom the map to the chapter.



Pop-Ups Provide Additional Information

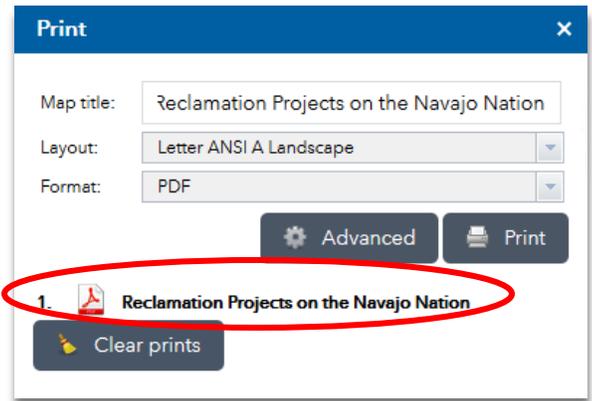
By using the mouse cursor within the map window, you may get additional information by clicking on map items. At right is shown a cursor that has clicked on a Reclamation Project (green circle). This pops open a small window that provides you with information about the feature. In this example, information about the Camp Mine uranium Reclamation Project (Number NA-0325) located in the Lukachukai Chapter is displayed.



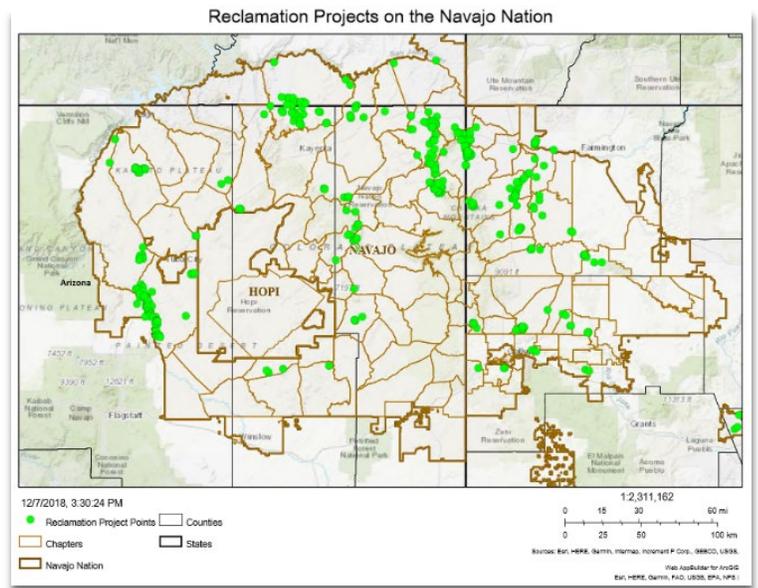
Printing and Saving a Map

A map may be saved or printed by first panning and zooming to the desired area. Second, turn on the desired layers and turn off the unneeded layers. Then click the “Print” button  at the upper left of the map window. This will open a Print window (see example shown to the right). When first opened, the window will not show the numbered Acrobat PDF symbol with the map name to the right, or the “Clear Prints” button.

1. Type a map name describing the map you have made into the “Map title” box.
2. Select a page size from the “Layout” box. For most maps the default “Letter ANSI A Landscape” selection is the best choice.
3. Select a “Format” for the map print. For most maps the default “PDF” is the best choice.
4. Click the “Print” button. A PDF map will then be made, and the title will be listed below the print button.
5. Click on the numbered PDF map name (circled in red above) to open the PDF file. Now you can print the map to your printer or save the PDF map onto your computer for later use or printing. Below, an example saved/printed map is shown.



Note that you can pan, zoom, and set map layers to produce another map and it will be shown as second, third, and so on in the list of maps below the Print button. You can also clear the list of maps by clicking on the “Clear Prints” button.



Additional Web Links

The web map title bar provides return, contact, and help links:

[NAMLRD Home](#) [Contact Us](#) [Help](#)

Clicking on the “NAMLRD Home” link will return to the NAMLRD home page.

The “Contact Us” link will open to a page that provides phone numbers and a contact form that can be submitted.

The “Help” link will open to a copy of this PDF document and requires an Adobe Acrobat reader.