# NCLWF Application Mapping Tool

https://experience.arcgis.com/experience/2402d809f69e488f90cf91aed2198b04
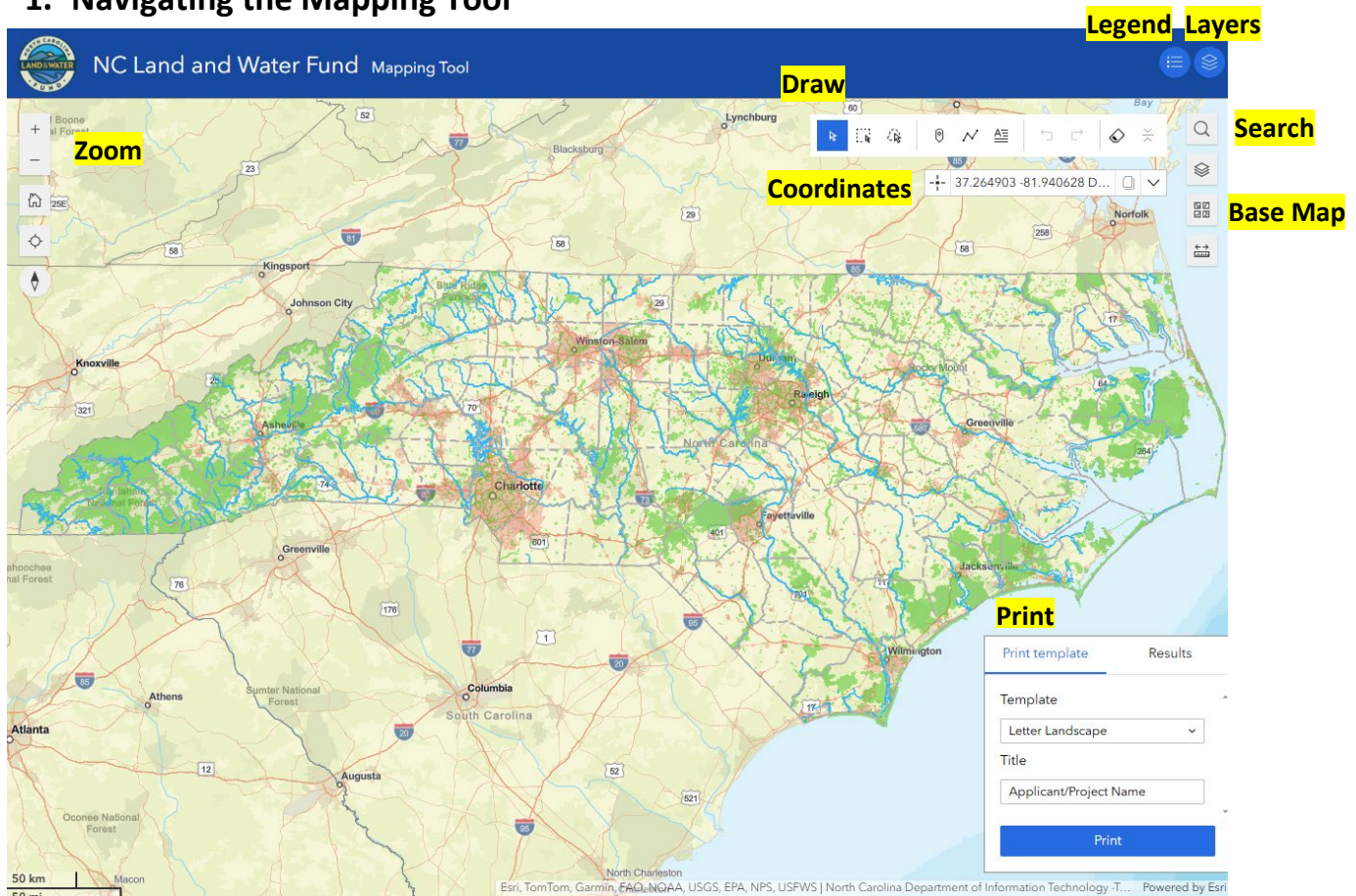
This courtesy service is meant to support application development and review prior to the grant deadline. It can also create maps required for the application, if needed. The mapping tool *does not* have the ability to create shapefiles.

The layers are hosted and managed by third parties and not all information needed to complete the application is available on this map. For more details on Natural Heritage resources and other conservation values in North Carolina, follow this link: https://ncnhde.natureserve.org/. For the final word on source and content for application rating, refer to links and guidance in the Program Funding Manuals here https://nclwf.nc.gov/apply.

## 1. Navigating the Mapping Tool



**Moving around:**

Pan across the map by clicking and dragging.
**Zoom** by using the scroll wheel on your mouse or by clicking the [+] and [-] boxes in the top left corner.
**Search** by street address, town, city, county, or lat./long coordinates (35.782565, -78.639877).

**Definitions:**

**Layers:** The NCLWF Mapping Tool starts with just the Location Map layers checked on. Click the icon to open the layers list.
**Legend:** Shows the symbology for each layer that is checked on.
**Base Map:** Includes a variety of options including streets, imagery, and topographic maps.
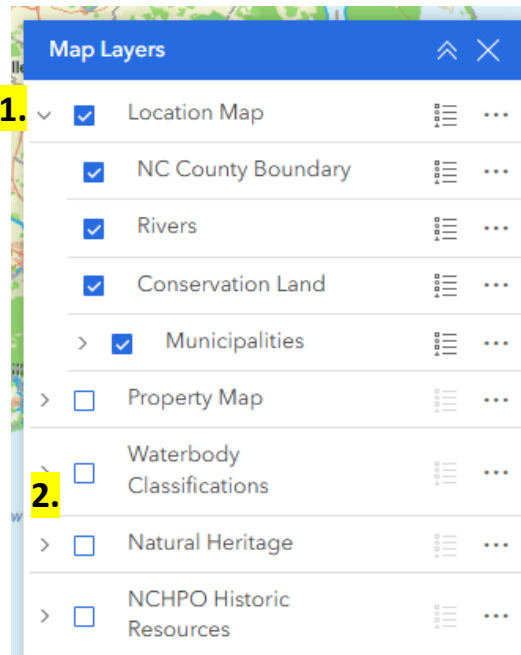**Draw:** Allows you to draw your subject property boundaries, points, or text directly on the map.
**Print:** Prints the georeferenced PDF map needed for the application.
**Coordinates:** Click the coordinates icon to get the lat./long. of your project.

## 2. Layers

The map layers are grouped according to category. To review your subject property according to the Rating System, use Waterbody Classifications, Natural Heritage, SLEUTH (2050), and SCHPO Historic Resources groups. To create maps, use the Location Map and Property Map groups.



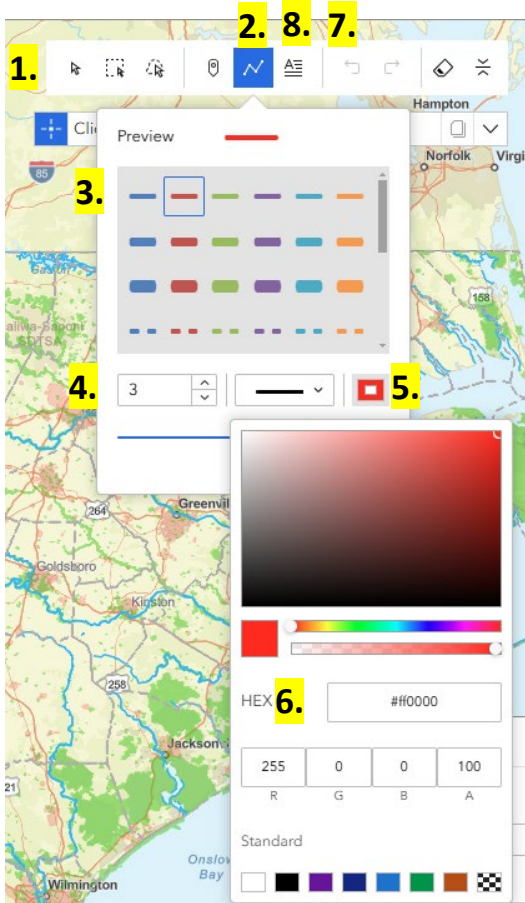Click the Layers icon to open the Map Layers tool. (See **1. Navigating the Map Tool**)

**1.** Click the > to expand/collapse the grouped layers as needed.

**2.** Check the boxes to turn layers on/off.

Some layers are only visible if the map is zoomed to a certain extent. If the layer isn't visible, the name will be grayed out. To view the layer try zooming in/out.

## 3. Draw Boundary Lines

To create a property map, draw the boundaries of the subject parcel(s) included in the application. Use the instructions below to show the proposed NCLWF easement (NCLWF funded) in red, the non-NCLWF easement (match funded) in yellow, and improvements in gray.
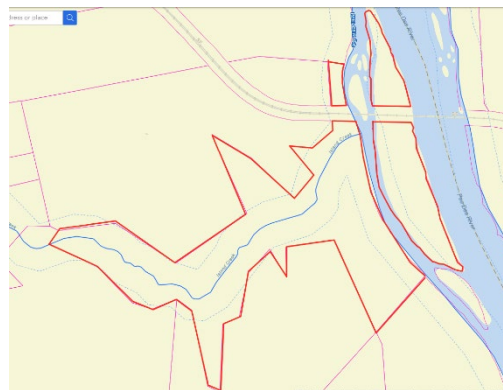


1. Use the draw tool to trace the subject parcel(s) with your mouse.
2. Click the polyline draw mode. The preview pop-up box will appear.
3. Click one of the lines in the top row as a template.
4. Change outline width from 3 to 2.
5. Click the color palette to open the pop-up box.
6. Use the hex values provided in the table as needed. You can copy the hex values from the table and paste them directly into the color palette of the Draw tool.

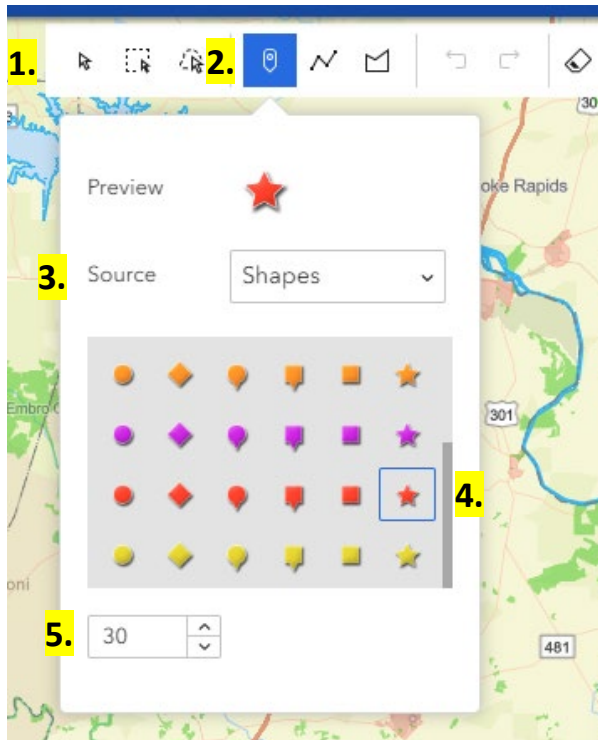| Feature | Outline Color | | Hex |
|---|---|---|---|
| Proposed NCLWF Easement | Red | | #ff0000 |
| Non-NCLWF Easement | Yellow | | #f0f00d |
| Improvements | Gray | | #c9c9c9 |

7. Use undo, redo, and erase if you made a mistake. The sketched line will follow the parcel line if you press CTRL to enable snapping. Release CTRL to sketch lines unrelated to parcel data.
8. Use the text feature to add text to your map.

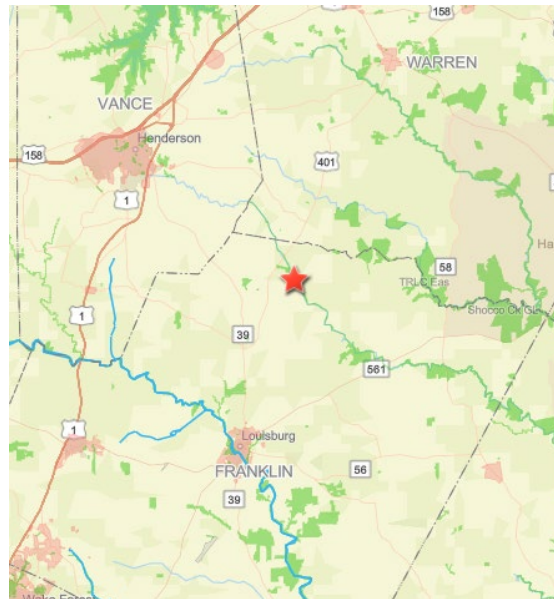9. Your drawing should look like this.

## 4. Draw Points

Points can be used to show the subject parcel in the location map, in the property map to show structures or planned improvements, or other points unique to your application. The section below describes how to use the tool to create a point for the location map.
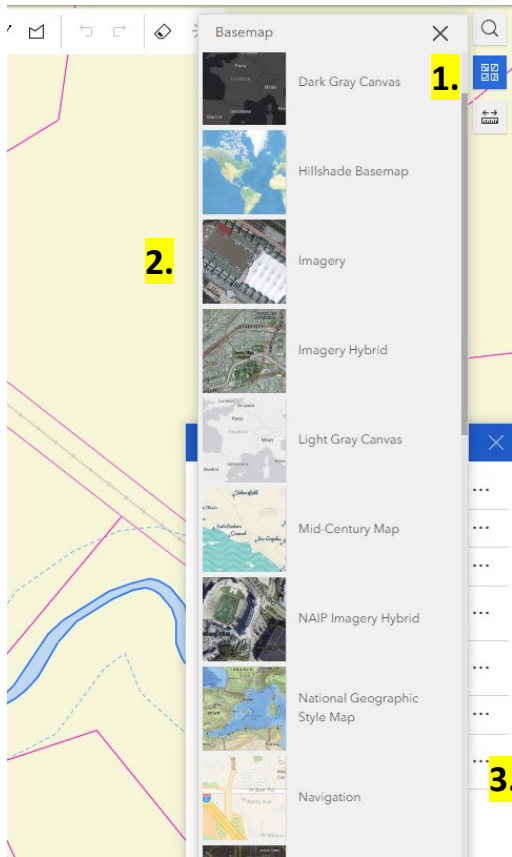


1. Use the draw tool to add points to your map.
2. Click the point draw mode. The preview pop-up box will appear.
3. Select Shapes from the Source dropdown menu.
4. Select the red star.
5. Change the size to 30.

6. Your point should look like this.

## 5.  Base Map



1.  Click the Base Map icon.
2.  Property Maps: Select Imagery from the pop-up window.
3.  Location Maps: Scroll down to select Street from the pop-up window (6$^{th}$ from bottom)

## 6. Create a Map

**Location Map**

1. Check the box for the Location Map Layers (see Layers section).
2. Select Streets for the Base Map (See Base Map section).
3. Zoom out to show the property in relation to the region, but close enough to see the property boundary or point (see Draw section).

**Property Map**

1. Check the box for the Property Map Layers (see Layers section).
2. Select Imagery for the Base Map (See Base Map section).
3. Zoom in/out to show only the subject property (see Draw section).

## 7. Print

1. Change the title to your organization/project name.
2. Click Print.
3. Click the Print Result tab.
4. Click the map generated from the print tool in the Print result tab. The map will pop up in a new tab in your browser.