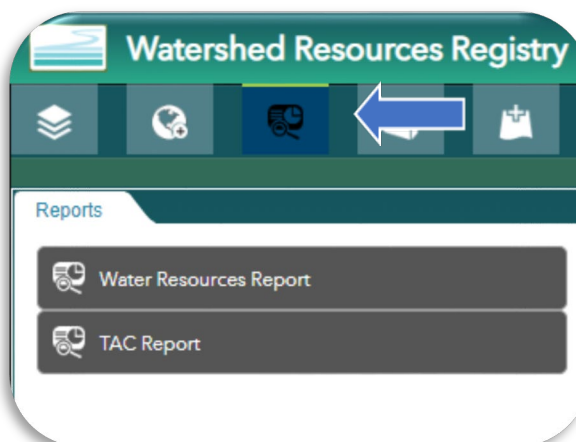


How to Run Screening Reports

All WRRs contain a series of screening reports that allow you to survey and compile data about an Area of Interest (AOI) from multiple sources at once. The results from this survey are compiled in a pdf that can be easily saved and shared.

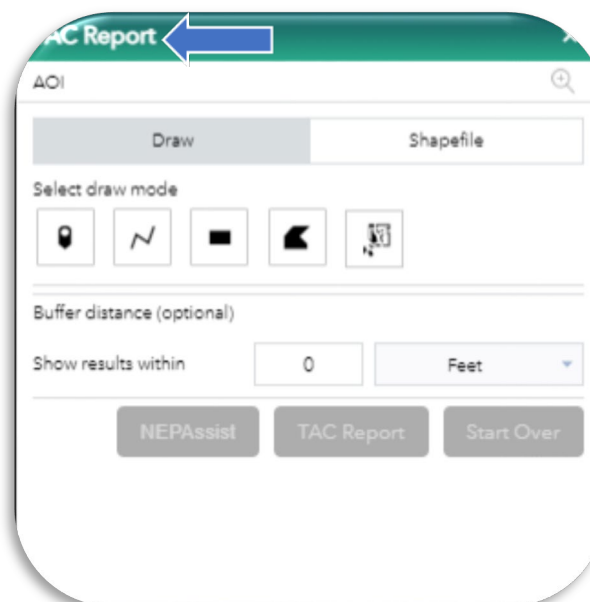
On the main tool panel, on the left-hand side of the screen, there are five widgets that appear across the top. The 'Reports' widget is the one directly in the center. Select this. (Note: If you hover your cursor over any widget in the WRR, the name of that widget will appear on screen)



A panel will appear with a list of available screening reports. All WRRs contain a TAC Report (i.e., a report created by that state's Technical Advisory Committee) and a Water Resources Report (i.e., a report intended to survey the water resources in an area). Some states will have additional specialty reports tailored to the needs of groups or organizations working in that state.

Select the screening report you would like to run. A new pop-up panel will appear. The name of your selected report will appear in the upper left-hand corner of the pop-up. Double check that this is your desired report.

To begin, you will first need to select a method for defining your AOI on the map. There are two tabs to choose from: Draw and Shapefile.

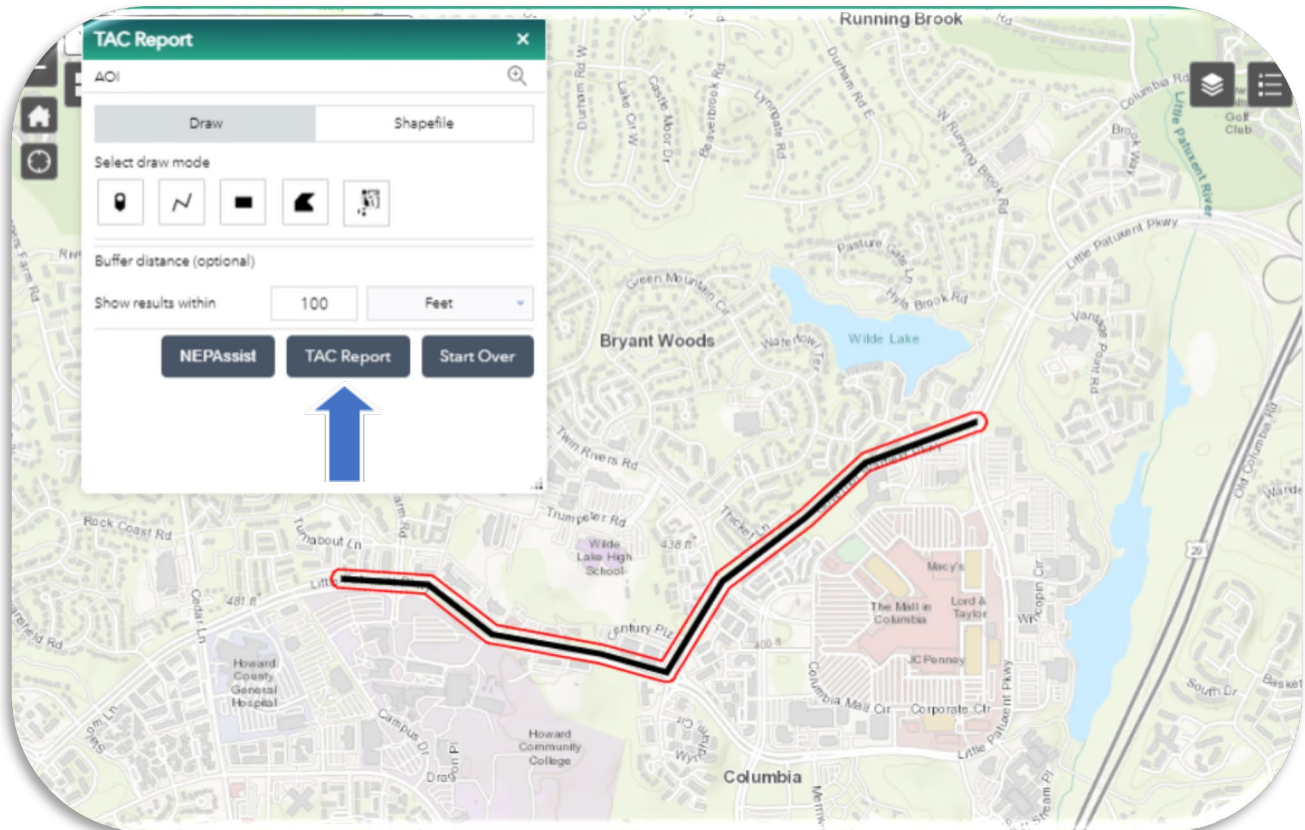


Select Area of Interest by Drawing

The 'Draw' tab will prompt you to select a draw mode: point, line, extent, polygon, and select by rectangle. Regardless of what mode you select, instructions for how to use the tool will appear near the cursor once you begin drawing on the map.

If you make a mistake or would like to redraw your AOI, click the Start Over button.

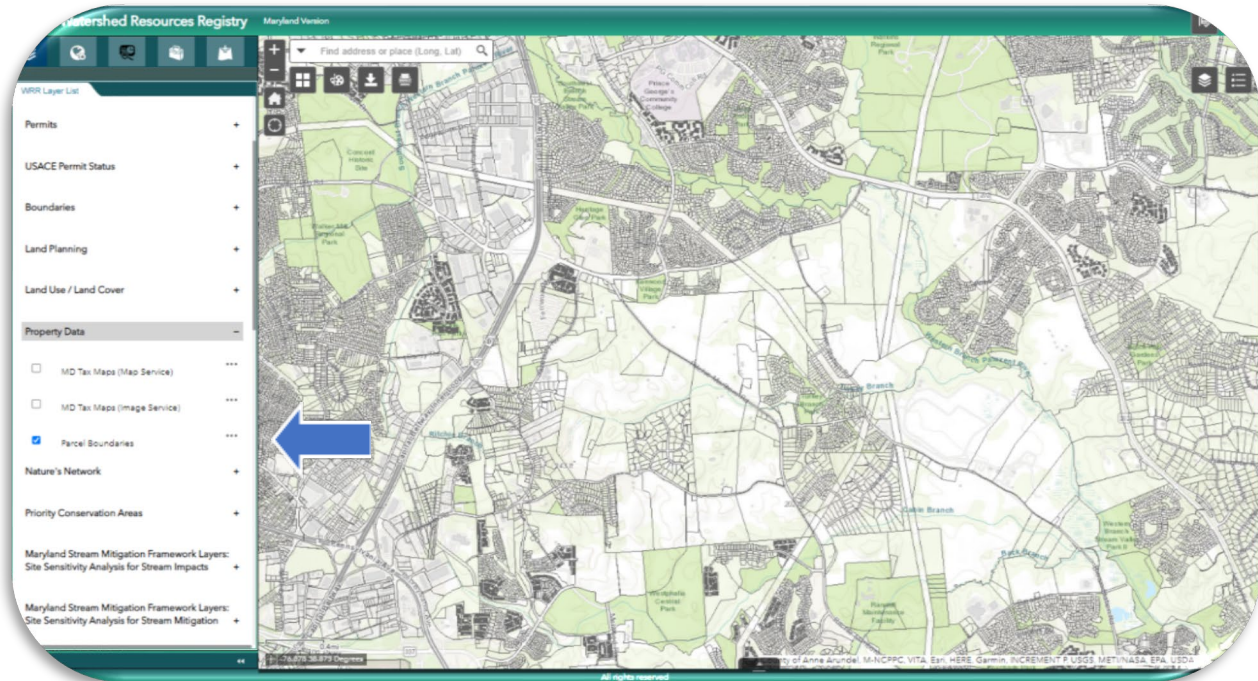
Once you have drawn your desired AOI on the map, it is possible to implement a buffer around the AOI. Input the desired buffer size into the text box and select the appropriate units from the drop-down menu. When everything fits your desired criteria, click the 'Report' Button at the bottom of the panel.



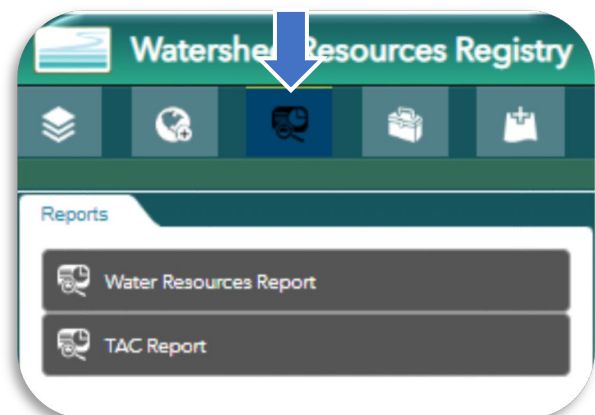
Select by Rectangle and Selectable Layers

The 'Select by Rectangle' is a specialized drawing tool within screening reports. It allows you to select a mapped polygon from a data layer and use it as your Area of Interest (AOI). The following example illustrates how you could select a tax ditch as your AOI.

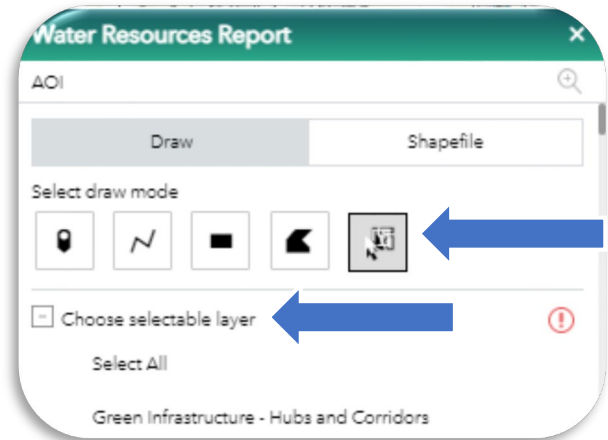
You must first turn on the relevant data layer in the WRR Layer List. In the image below, you can see the 'Parcel Boundaries' layer has been turned on.



Next, navigate to the 'Reports' panel, and select your desired report from the available list.



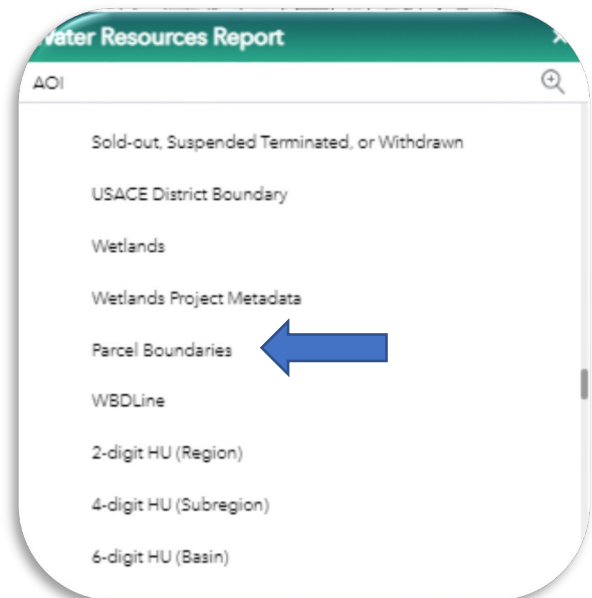
Select the Draw button and under 'Select Draw Mode', select the 'Select by Rectangle' button. Click the 'plus' sign to the left of the 'Choose selectable layer' option.



Now, find the corresponding layer in the expanded list of layers. Check the grey box next to it.

Extra Tip!

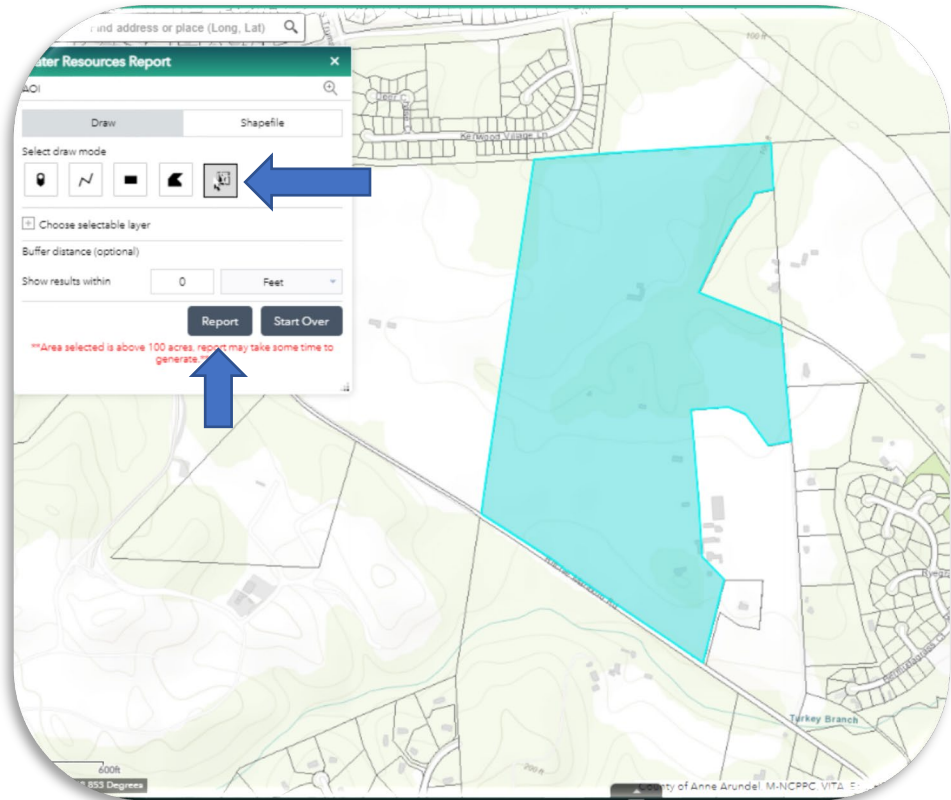
If you have added any data layers during your work session, those data layers will appear at the top of the list.



Navigate back up to the top of the panel. Minimize the 'Choose selectable layer' list and click on the 'Select by Rectangle' drawing tool. Draw a rectangle within the polygons that you would like to select on the map. Once you draw the rectangle, any polygons that intersect the rectangle you drew will be highlighted on the map.

In the image to the right, you can see that a parcel has been selected and is highlighted in blue.

You can now run a screening report on the entirety of the polygon(s) selected.



Extra Tip!

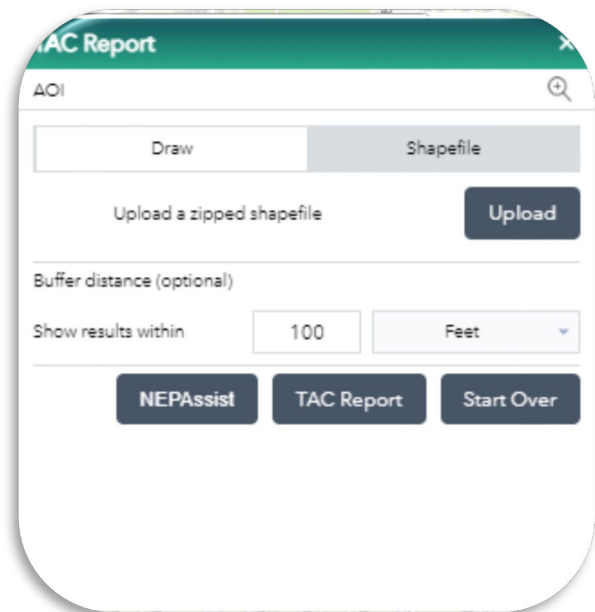
The Select by Rectangle tool will not allow you to run the NEPAAssist Report. To run the NEPAAssist Report for your desired AOI, roughly trace the outline of a polygon you're interested in.

Select Area of Interest by Uploading a Shapefile

The 'Shapefile' tab will prompt you to upload a zipped shapefile from your computer.

Extra Tip!

There is a difference between uploading a shapefile in the Add Data panel and in the Screening Report panel. If you upload a shapefile in the Add Data panel, a data layer will appear in the 'Active Layer List' and allow you to manipulate that data like any other layer. If you upload a shapefile in a Screening Report panel, you will not get a data layer pertaining to that data.



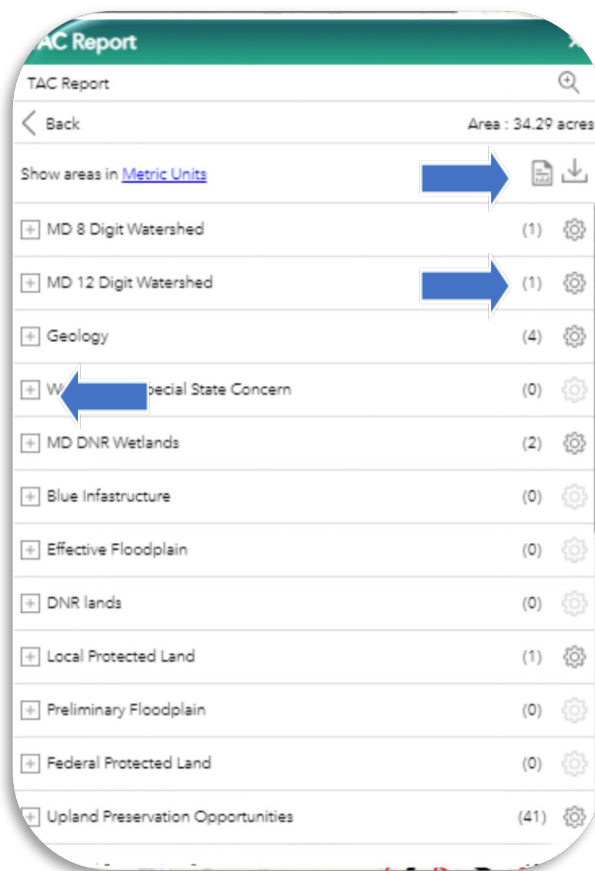
The screenshot shows a web application window titled "TAC Report". Below the title bar is a search icon and the text "AOI". There are two tabs: "Draw" and "Shapefile", with "Shapefile" being the active tab. Below the tabs, there is a text input field labeled "Upload a zipped shapefile" and a dark blue button labeled "Upload". Below this, there is a section for "Buffer distance (optional)" with a text input field labeled "Show results within" containing the value "100" and a dropdown menu set to "Feet". At the bottom, there are three dark blue buttons: "NEPAssist", "TAC Report", and "Start Over".

Running the Report

Once you click the report button, the panel will shift to display all the data layers that are included in this report.

As the report is running, a rotating circle will appear in the row for each data layer. When a given layer has finished, a number in parentheses (e.g. (1)) will appear in black. When the entire report is finished running, the 'Create Report' icon in the upper right-hand corner will appear in black.

Each data layer within the report can be expanded (using the plus sign) to reveal more information about the site and the metric in question. Some layers (e.g. ATTAINS layers) contain hyperlinks that when selected will open up a new tool or resource in another tab.



Generating a Report

All the information that appears in a Report tab is available in a printable report, a downloadable pdf, or downloadable CSV file.

Extra Tip!

Screening Reports often have a matching Featured Collection. If you've run a Screening Report and would like to examine any of the spatial relationships on the map, navigate to the Featured Collections panel, select the Collection with the matching name, and add it to the Active Layer List.

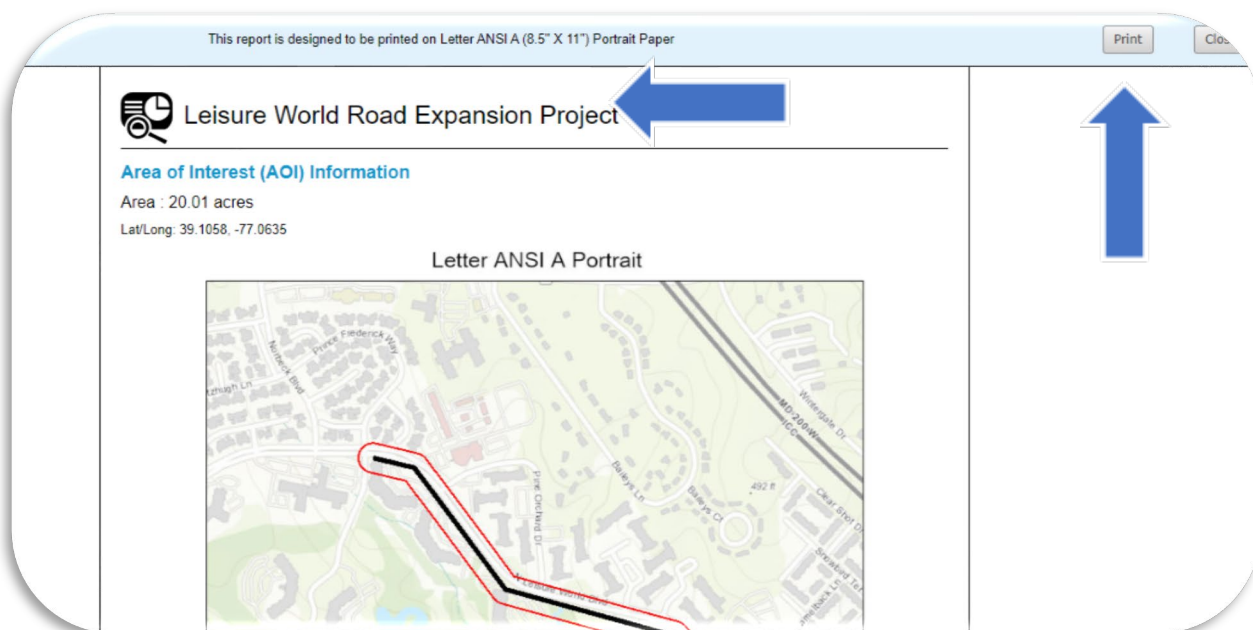
Printing A Report

In the upper right-hand corner of any Screening Report, you will see a document icon. If you hover over it, it is entitled 'Create Report'. Click this icon.



A layout drop-down menu will appear. The default, Letter ANSI A Portrait is a standard 8.5" X 11" sheet of computer paper. Beneath the drop-down menu is a text box that will allow you to input a title for your report.

Clicking the blue 'Print' button will bring up a preview of the document that you are printing. While in this preview mode, you can still edit the title of the report and add notes at the bottom. Click the gray 'Print' button again to print out a version of your screening report.



Downloading a PDF

If you would like to save a report as a PDF rather than printing out a word document, click on the 'Create Report' icon.

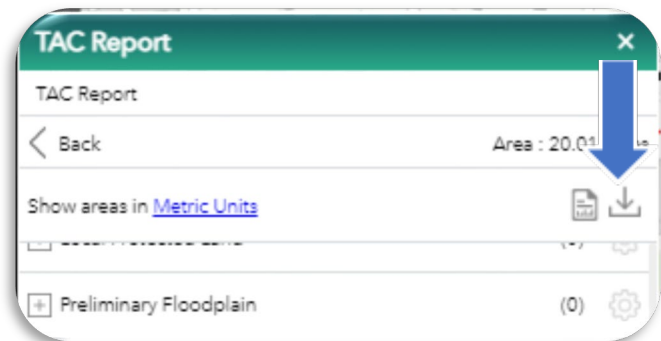
Click the blue 'Print' button to bring up the print preview. Click the grey 'Print' button. A Print Dialogue box will appear.

There is a drop-down menu labeled with 'Destination'. Click the drop-down menu and select 'Save as PDF'. Click the blue 'Save' button and save it to the desired location on your computer.



Downloading a CSV File

Next to the 'Create Report' button, there is a 'Download' button. A dialogue box will open prompting you to select a CSV file and then download. The attribute table for each individual layer in the WRR Report will download as a separate CSV file that can be opened in. (i.e., Wetland Preservation will download separately from Wetland Restoration, etc.).



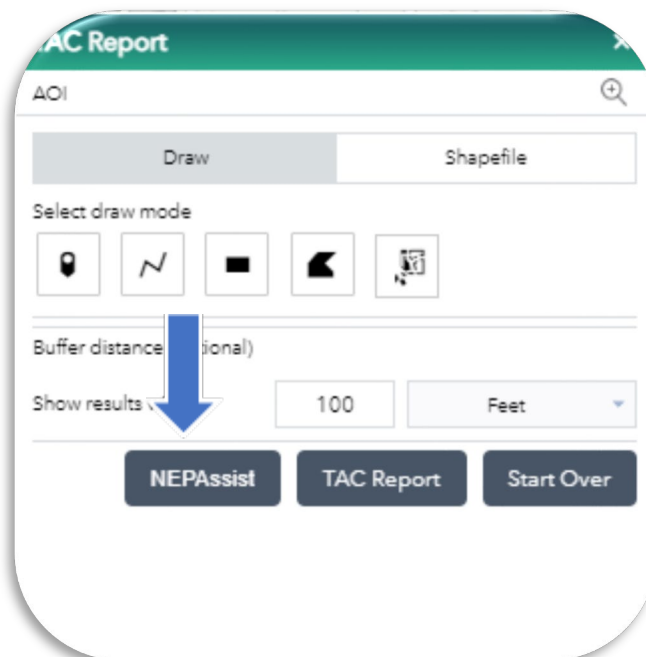
NEPAssist Tool

NEPAssist is a tool created by EPA that facilitates the environmental review process and project planning in relation to environmental considerations. The web-based application draws environmental data dynamically from EPA GIS databases and web services and provides immediate screening of environmental assessment indicators for a user-defined AOI. A suite of tools and features connected to NEPAssist can be accessed independently at <https://www.epa.gov/nepa/nepassist>.

Selected functions from the NEPAssist tool have been directly incorporated into the WRR interactive maps. This means that you can draw a polygon or other area of interest inside the WRR and then run both the NEPAssist tool and a WRR screening report on that same polygon.

Extra Tip!

The NEPAssist tool does not work if you have created your AOI by uploading a shapefile or by using the 'Select by Rectangle' tool. It will only work if you draw a point, polyline, or polygon.



Clicking on the NEPA Assist button (after creating an AOI) will open a new tab with National, State, Demographic, and USFWS IPaC Reports. The USFWS IPaC report contains information on USFWS managed resources like endangered species, migratory birds, facilities, and wetlands. All these reports can be downloaded as an Excel spreadsheet or PDF.

This tool will work on AOI 500 sq. miles (320,000 acres) or less.

WRR Analysis

Map

Geographic coordinates:

LINE

(39.109034,-77.067373,39.108851,-77.066386,39.108102,-77.065657,39.106586,-77.064197,39.105721,-77.060142,39.105254,-77.059648,39.103506,-77.059627,39.103140,-77.060507,39.102607,-77.062438,39.102598,-77.062438)
with buffer 0.018939393939394 miles

Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the EPA Regions. Click on the hyperlinked question to view the data source and associated metadata.

National Report

Length of digitized line	0.80 mi
Within 0.0189393939393939 miles of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	yes
Within 0.0189393939393939 miles of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	yes
Within 0.0189393939393939 miles of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.0189393939393939 miles of a SO ₂ 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 0.0189393939393939 miles of a PM _{2.5} 24hr (2006 standard) Non-Attainment/Maintenance Area?	no