Advancing Transportation through Linkages, Automation, and Screening (ATLAS)

Training Courses

SC.00

A Guide to the ATLAS Screening Tool

Introduction

The ATLAS Screening tool is used to identify key features in a study area, customize screenings to fit a subject matter, and provide summary reports.

After logging in, you will start by identifying a study area. Once you have done that, you will be prompted to select GIS layers to use in your screening. The final step is to generate a screening report.

Click on the hyperlinks in the list to the right to jump directly to one of these topics.

To gain access to ATLAS or for questions, contact ATLAS@ncdot.gov.

Learning Outcomes

In this module, the user will gain an understanding of how to:

Advancing Transportation through Linkages, Automation, and Screening (ATLAS)

Training Courses

How to Log into ATLAS

- Via Direct URL
- Via Connect Homepage
- Via Connect Preconstruction Home
- Via Connect Project Site

Accessing ATLAS Screening Tool

There are four ways to log into the Screening Tool.

Click on the hyperlinks in the list to the right to jump directly to one of these methods or continue to advance the module to view all four.

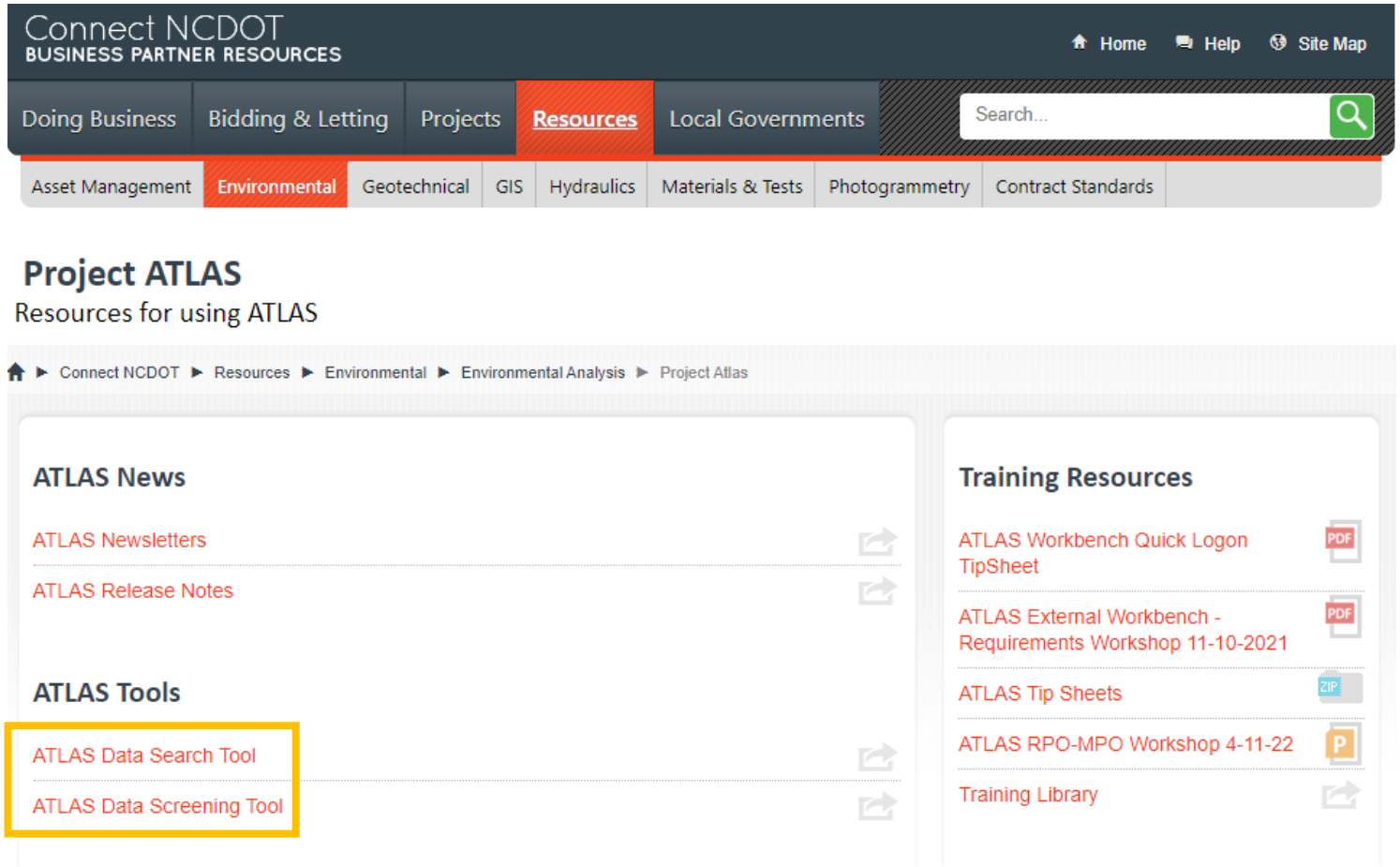
Once you have accessed the tool, you will log in. Click on the links below to jump directly to that topic.

- Logging in after accessing the Screening Tool
- Troubleshooting issues

0.1 There are three ways to log in to access the ATLAS Screening Tool:

1. Via Direct URL: This the easiest and quickest way to access the ATLAS Screening Tool.
2. Via Connect Home Page: This is useful if you already find yourself working within the Connect page and want to jump into the Screening Tool.
3. Via Preconstruction Home: This is useful if you find yourself working withing preconstruction, even without a specific project.
4. Via Project Site: When working within projects on the Connect project site, easily jump into the Screening Tool.

1.0 Accessing ATLAS Via Direct URL



1.1 When accessing ATLAS via **direct link**, you'll follow this URL: https://connect.ncdot.gov/resources/Environmental/EAU/Project-Atlas/Pages/default.aspx

1.2 From there, you'll select the **ATLAS Data Search Tool** or **ATLAS Data Screening Tool** in the "ATLAS Tools" section.

Tip: Bookmark this URL for easier future access

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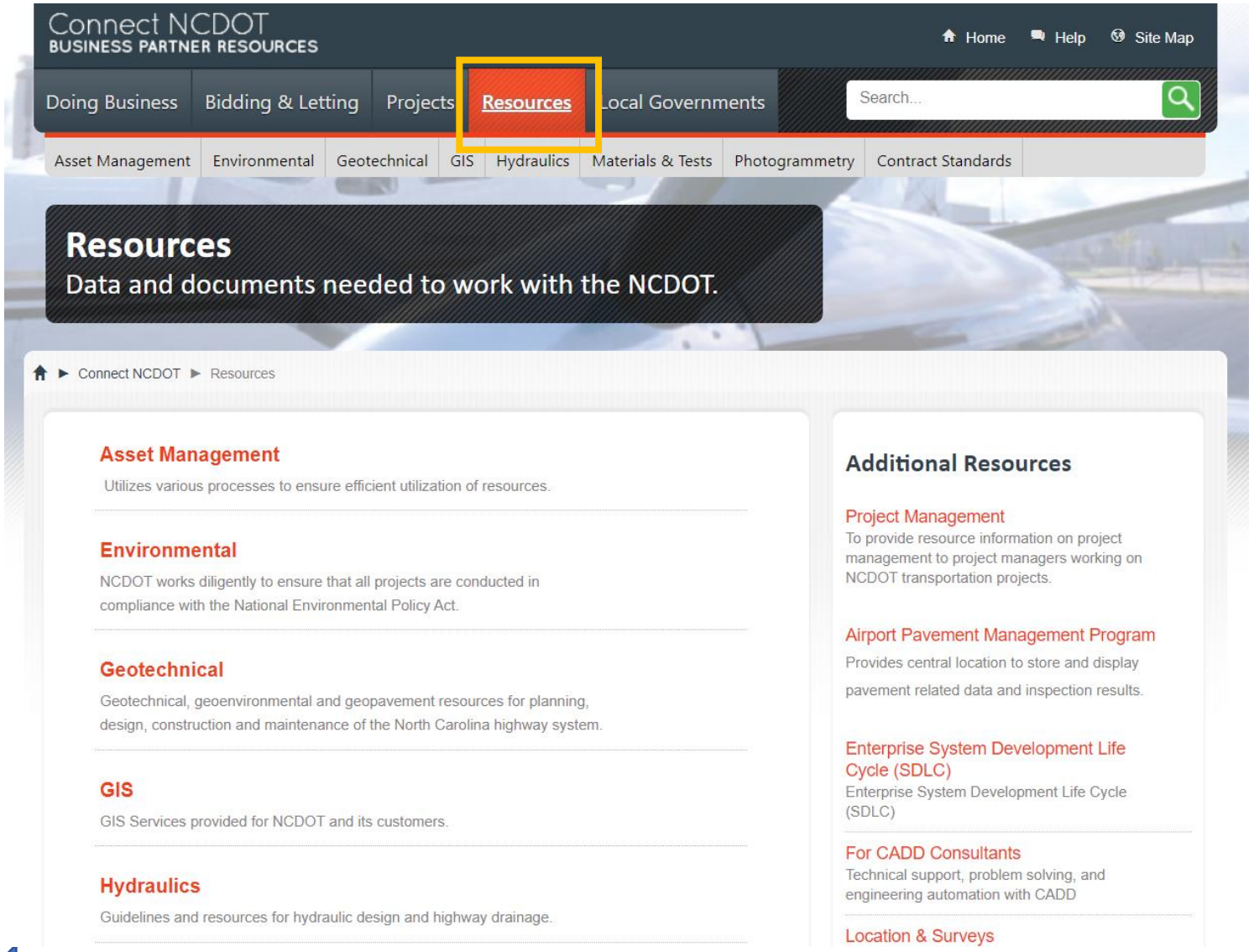
2.0 Accessing ATLAS Via Connect Home Page

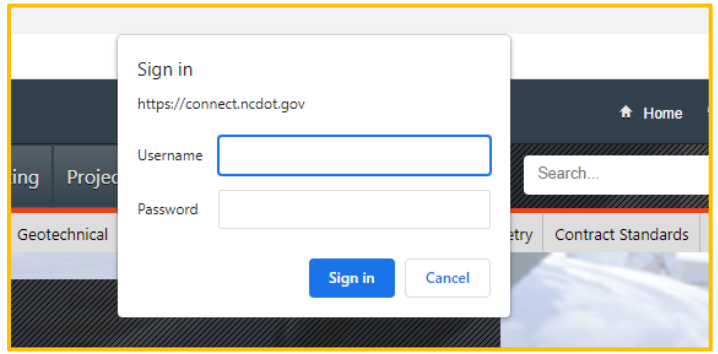


2.1 Begin by accessing the **Connect Home Page** URL: https://connect.ncdot.gov/Pages/default.aspx

2.2 Then, click the **Resources** button in the header.

Tip: If, after hitting **Resources**, your browser prompts you to Sign In, you can hit Cancel and continue the steps to accessing your ATLAS account.

Generally, this pop up appears to non-NCDOT users.



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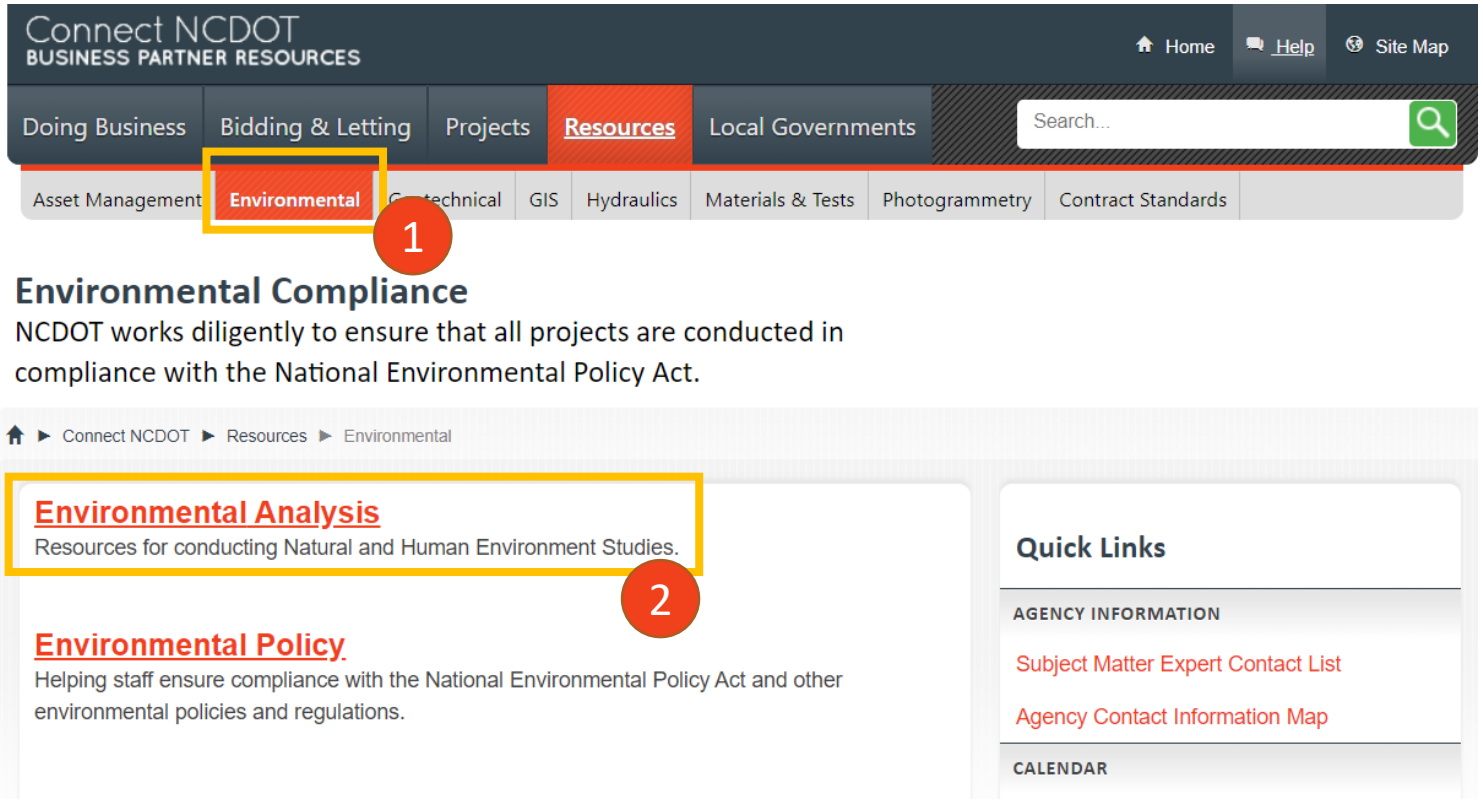
2.0 Accessing ATLAS Via Connect Home Page (continued)



2.3 Next, click **Environmental** in the grey bar at the top of the screen.

1

2.4 Then select **Environmental Analysis** from the left side.

2

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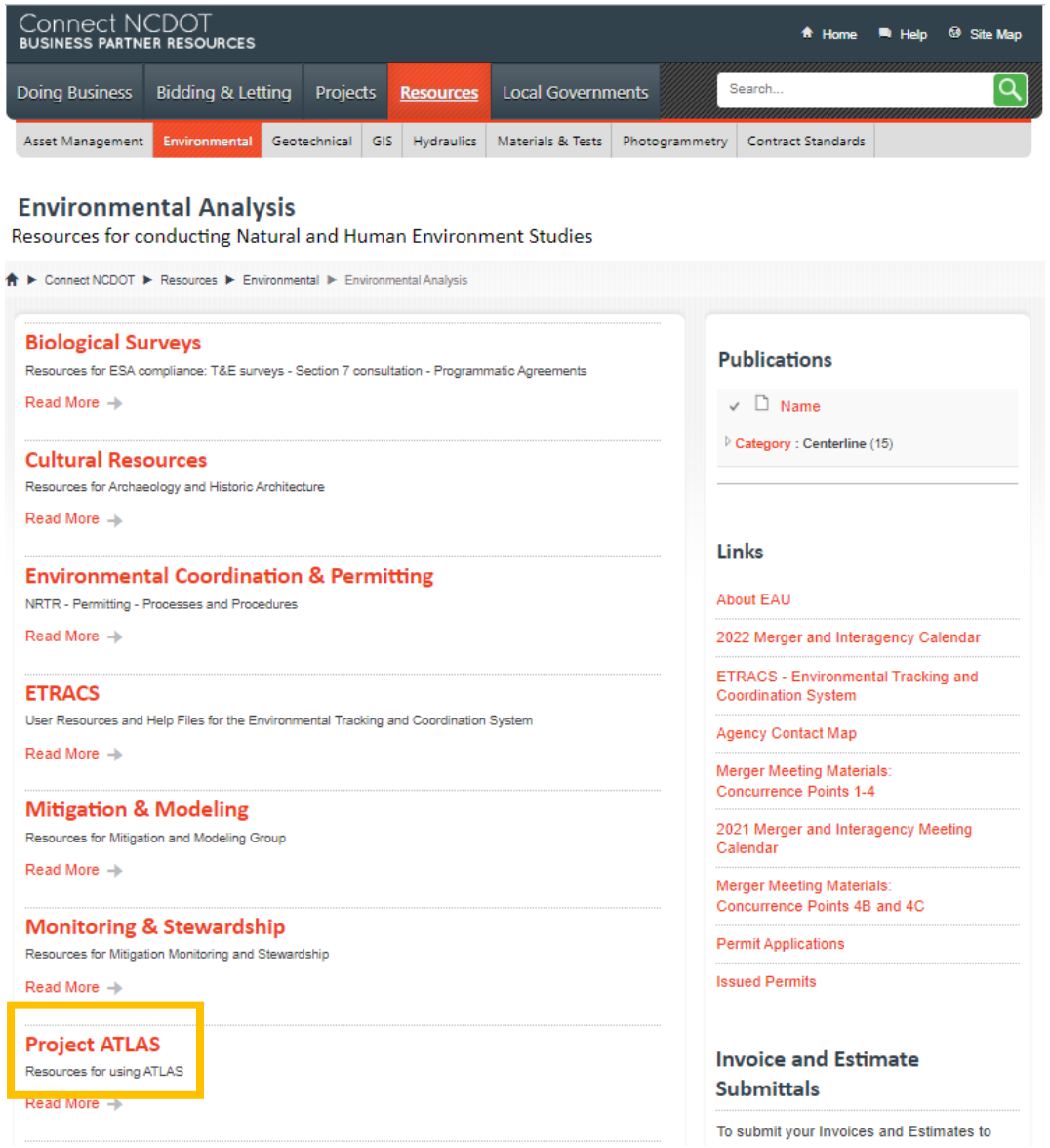
2.0 Accessing ATLAS Via Connect Home Page (continued)



2.5 From there, select **Project ATLAS**.

If you don't see **Project ATLAS** on your screen, scroll down – it will appear alphabetically.

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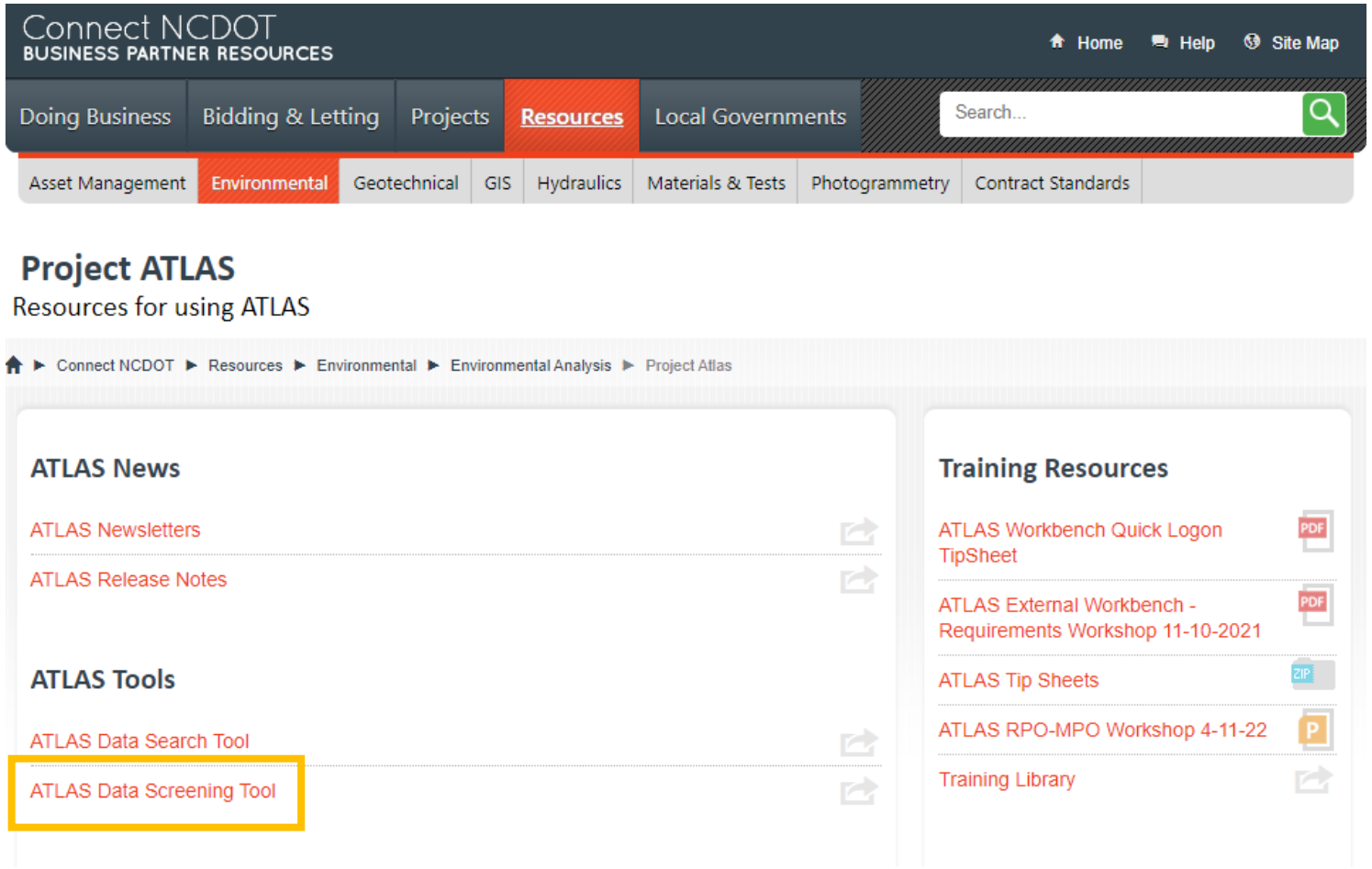
2.0 Accessing ATLAS Via Connect Home Page (continued)



2.6 You're now in the ATLAS homepage.

Select **ATLAS Data Search Tool** or **ATLAS Data Screening Tool** to continue your log in.

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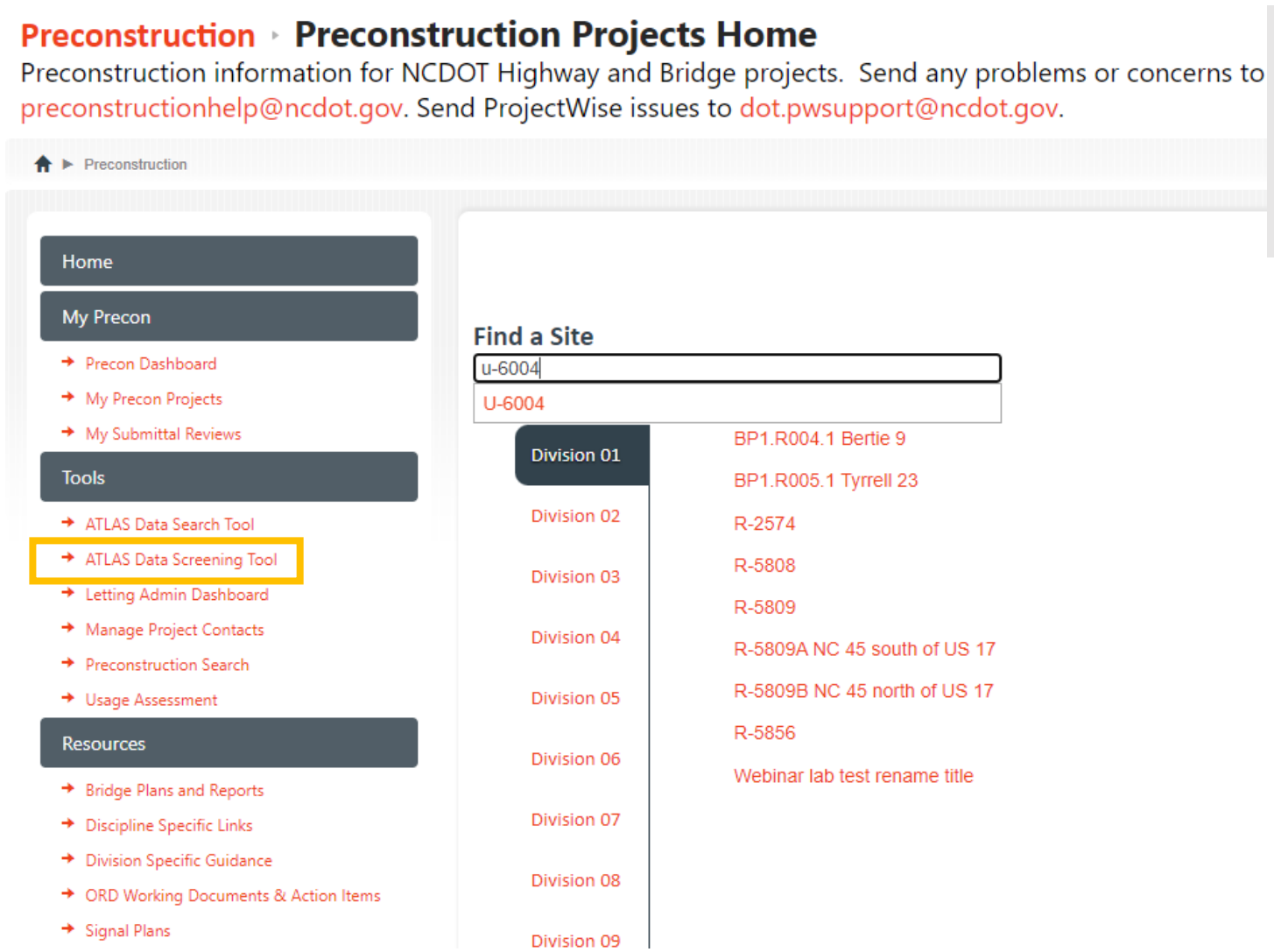
3.0 Accessing ATLAS Via Preconstruction Home



3.1 To access ATLAS via the **Preconstruction Home** page, navigate to the Preconstruction homepage and select **ATLAS Screening Tool** from the left-hand side menu.

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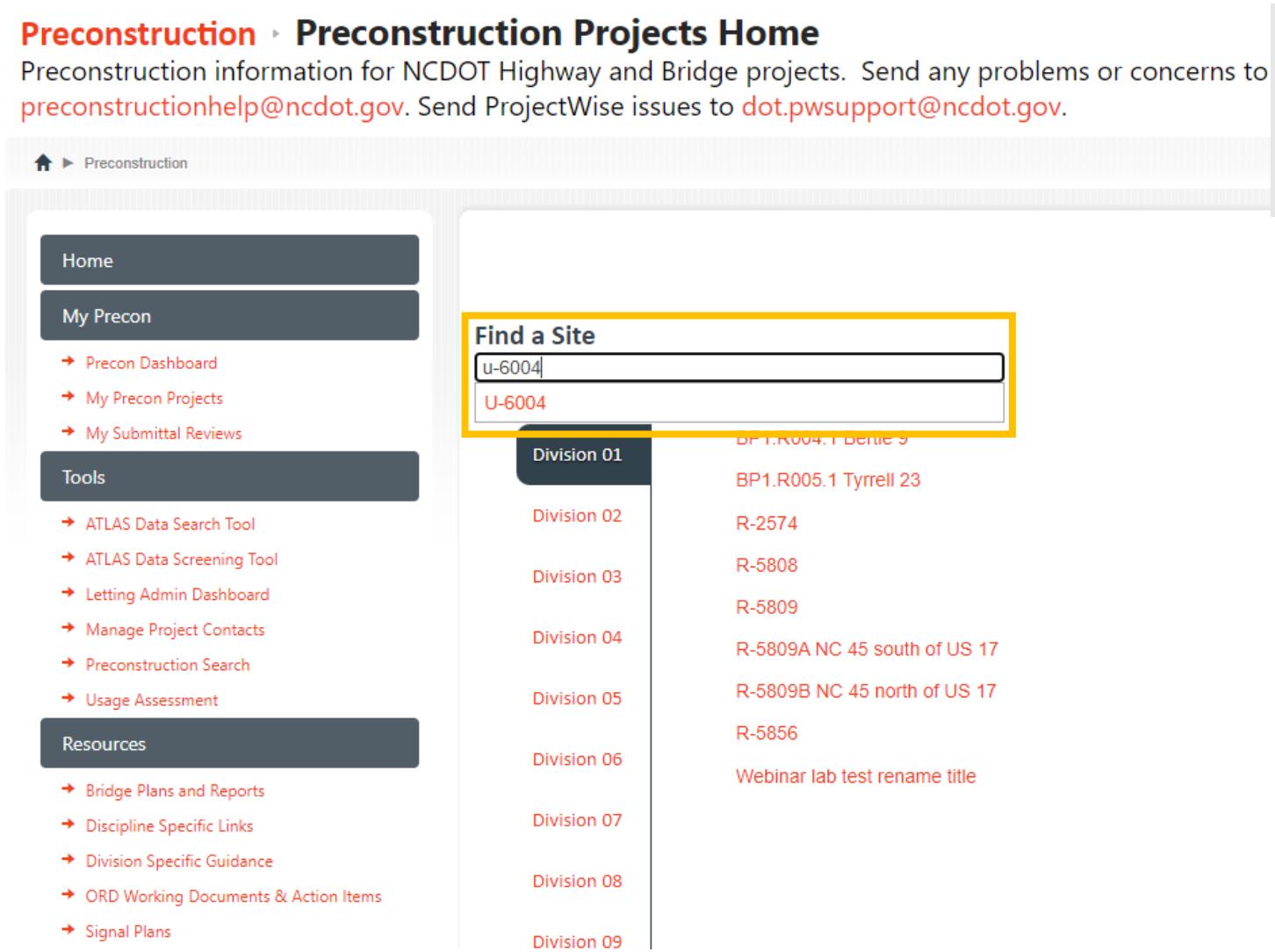
4.0 Accessing ATLAS Via Connect Project Site



4.1 To access ATLAS via a specific **Connect Project Site**, navigate to the Connect homepage and search for your project in the **Find a Site** search bar.

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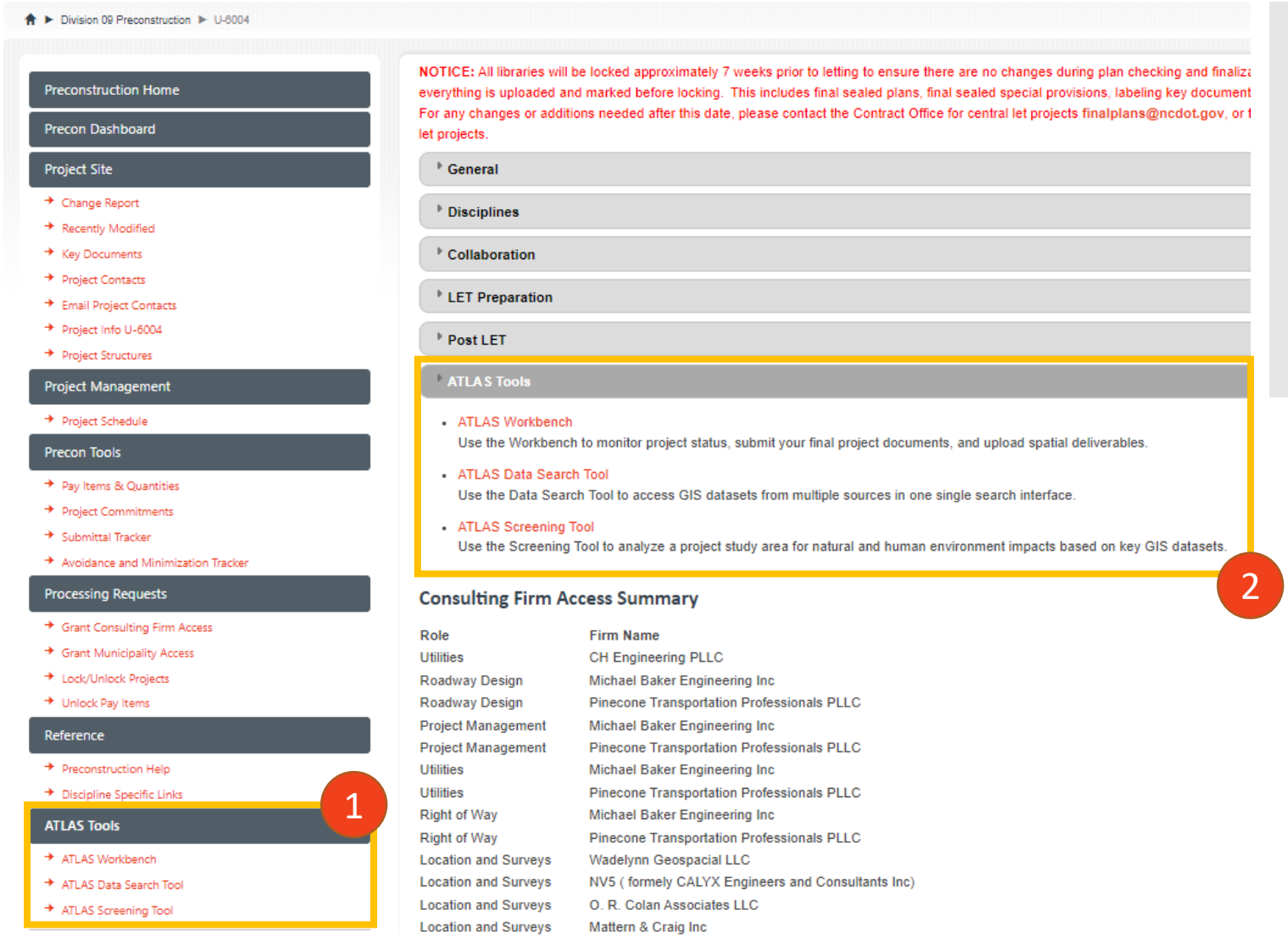
4.0 Accessing ATLAS Via Connect Project Site (continued)



4.2 The Screening Tool can be accessed from two places in the Connect project site:

1. In the menu on the left side, under the **ATLAS Tools** section at the bottom of the list.

2. From the bottom tab on the right side, under the **ATLAS Tools** tab.

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5.0 Logging Into ATLAS

5.1 You will need to log into ATLAS regardless of the method you used to access the ATLAS Screening Tool if you are an NCDOT or non-NCDOT user, or if you previously logged into Connect.

When prompted with this log in, fill out your NCID **Username** and **Password**.

5.2 Click the **NCID Login** button.

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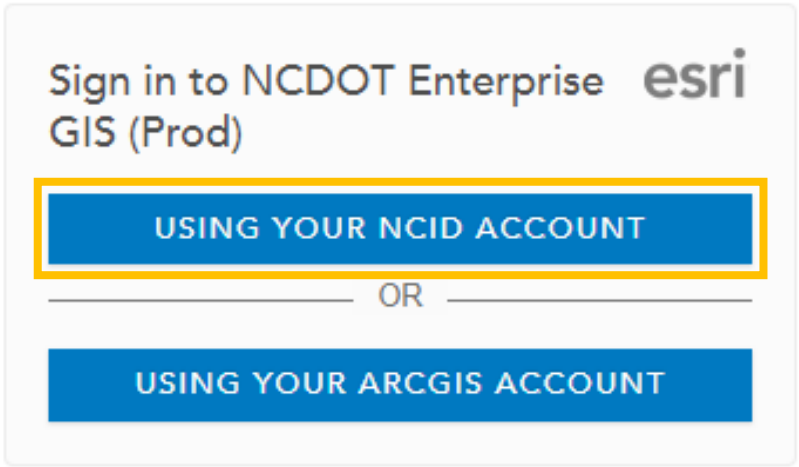
5.0 Logging Into ATLAS (continued)



5.3 In the next pop-up, choose **Using your NCID account**.

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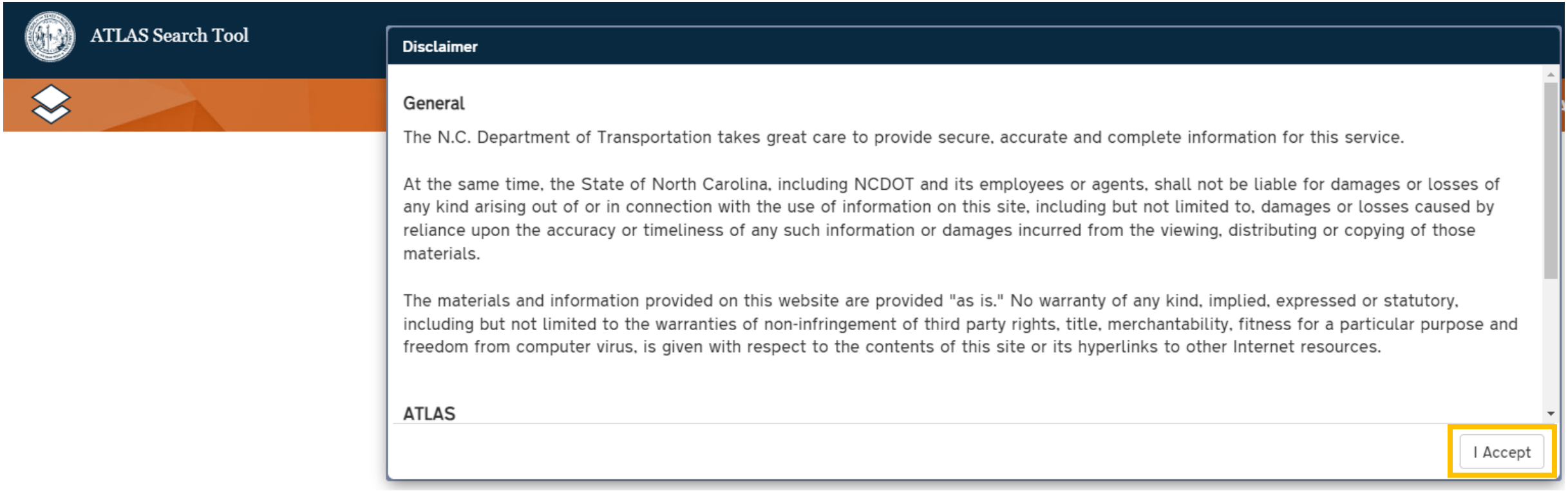
5.0 Logging Into ATLAS (continued)

5.4 When prompted with the **Disclaimer**, click **I Accept** and you're in!

ATLAS will automatically log out after a period of inactivity.



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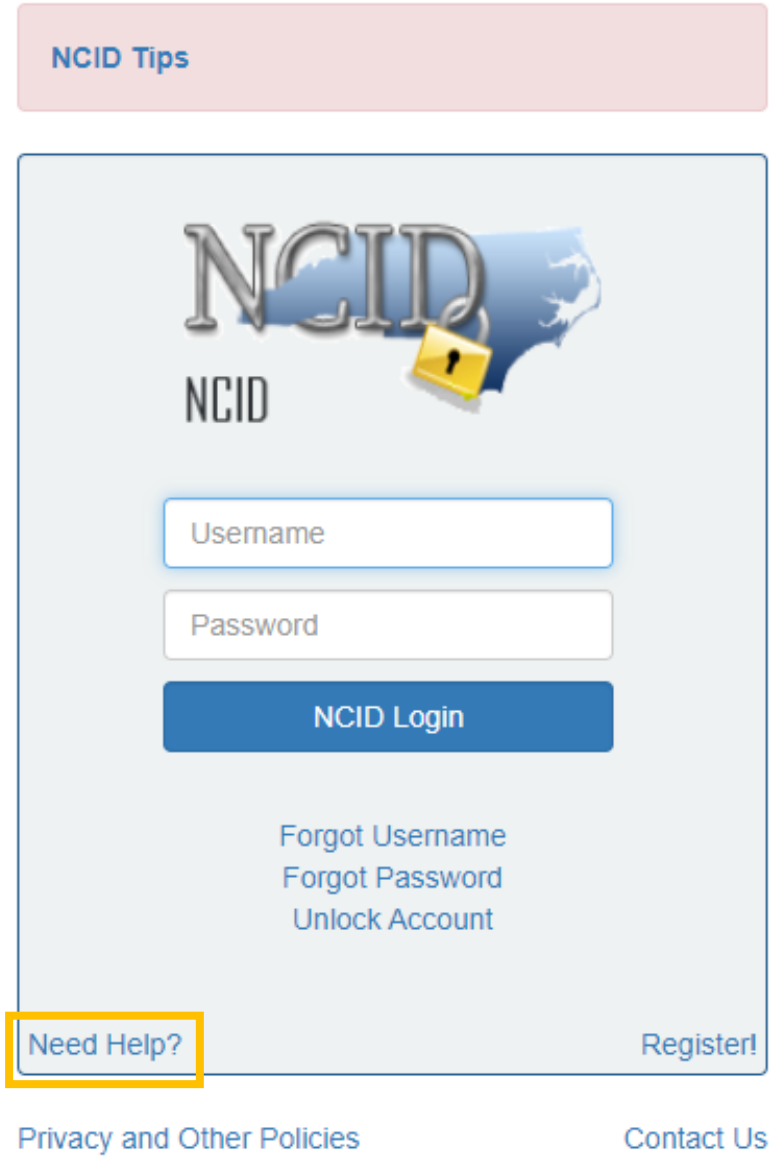
6.0 Troubleshooting Issues



6.1 If you're having issues with your **NCID** log in, you can follow the **Need Help?** prompt.

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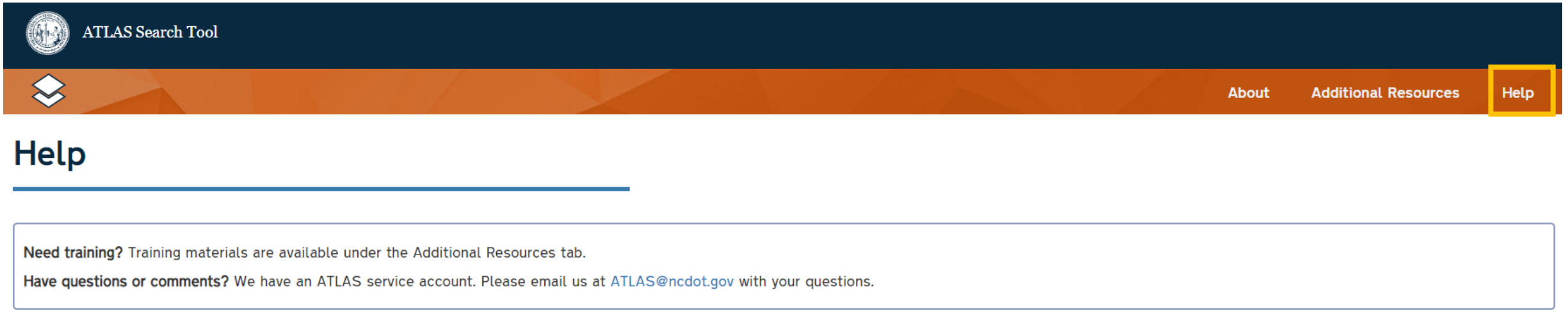
6.0 Troubleshooting Issues (continued)

6.2 If you're having issues within your ATLAS account, you can follow the **Help** function found on the header or send an email to **ATLAS@ncdot.gov**.



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Advancing Transportation through Linkages, Automation, and Screening (ATLAS)

Training Courses

Identify a Study Area

- By Project ID
- Upload a Study Area
- Draw a Study Area

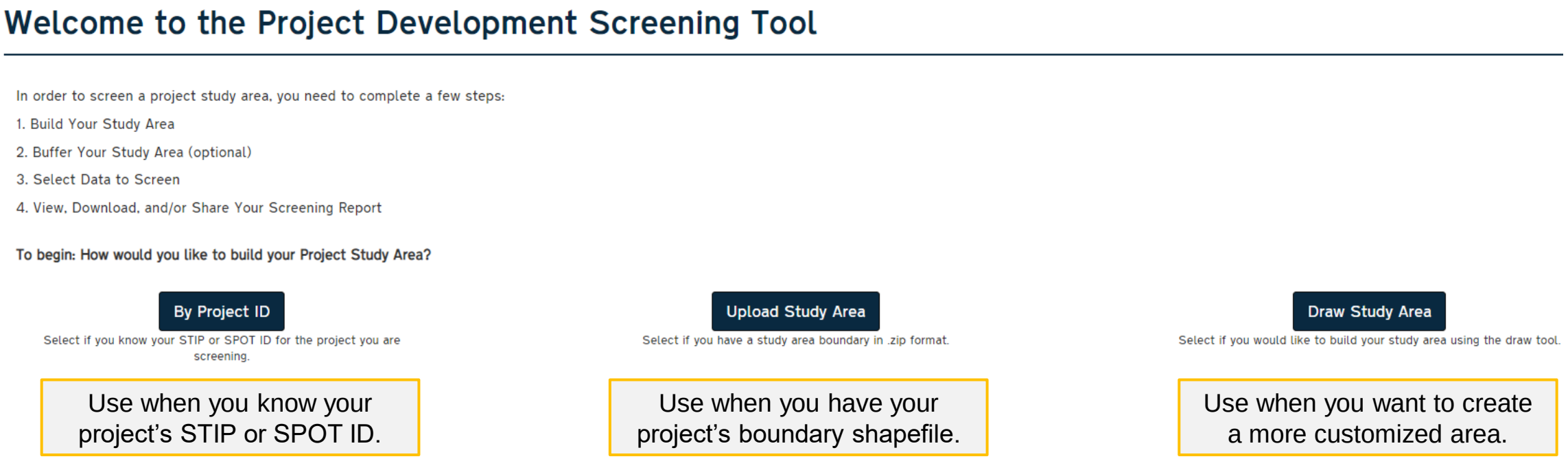
0.0 Identifying a Study Area

The first step to using the Screening Tool is to identify a study area. You can do this in one of three ways.

Click on the hyperlinks in the list to the right to jump directly to one of these methods, or continue to advance the module to view all three.

0.1 There are 3 three ways to identify a study area:

1. By Project ID
2. Upload a study area
3. Draw study area



Use when you know your project's STIP or SPOT ID.

Use when you have your project's boundary shapefile.

Use when you want to create a more customized area.

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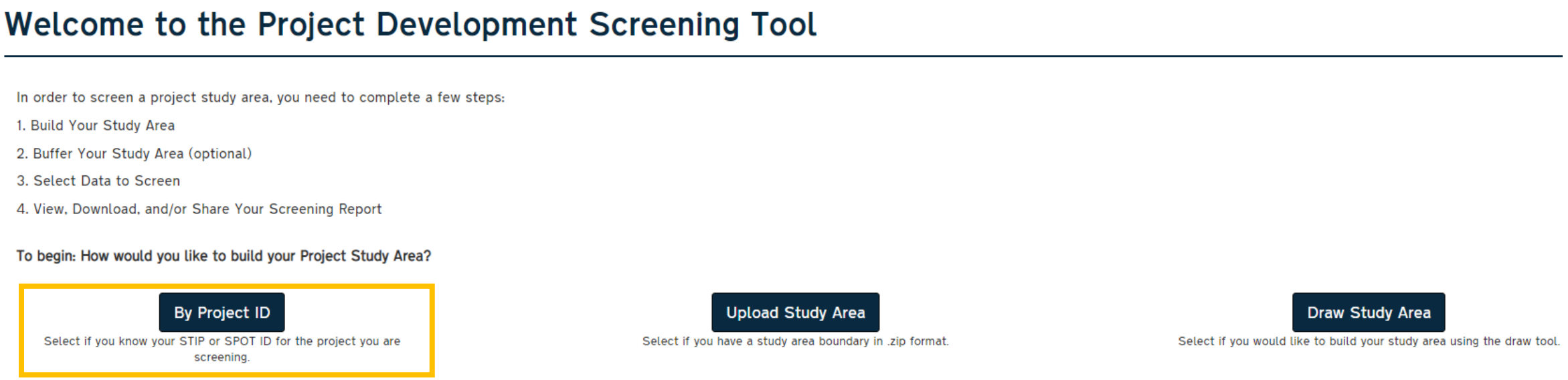
1.0 Screen by Project ID

1.1 To screen by using a project ID such as a STIP or SPOT number, the user will first need to select the **By Project ID** button.



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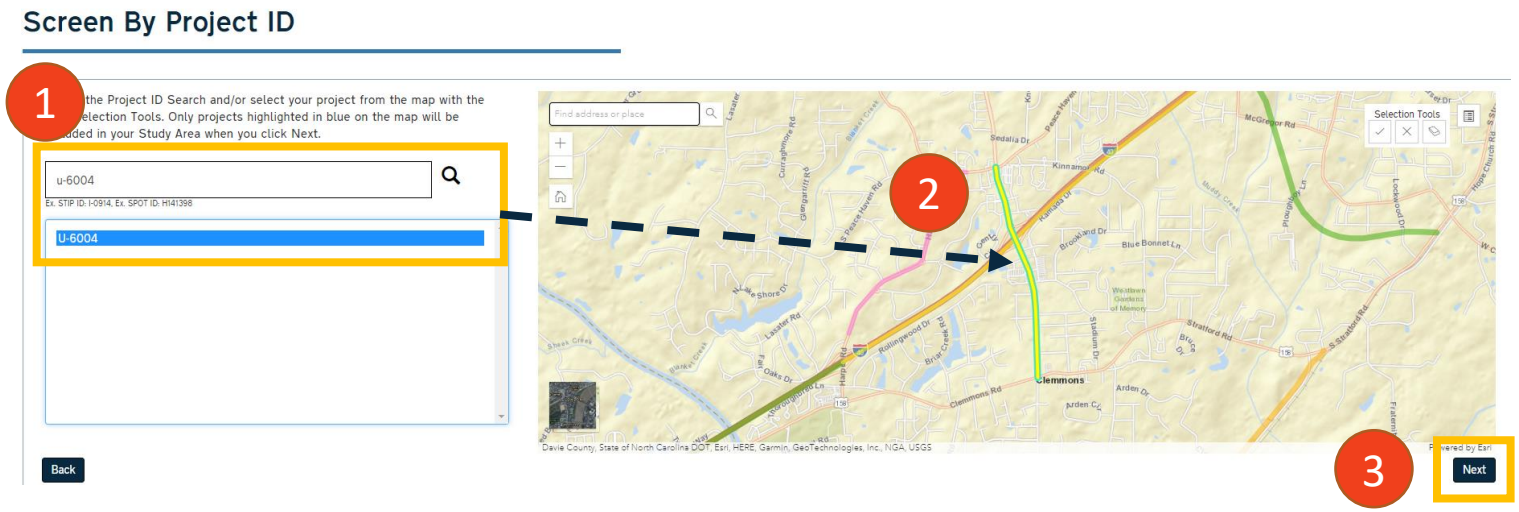
1.0 Screen by Project ID (continued)



1.2 In the search box, enter the **Project ID**. This can either be the **STIP ID** or the **SPOT ID**. Click the 🔍 to begin the search. You project should appear in the box below the search bar.

1 If more than one project appears, click on the desired project in the dropdown before selecting next.

Or, you can click on the line in the map to select your project. Click on the ☑ in the top right corner, then select the line. If you'd like to unselect, click the ✕ or 🏷 to erase.

2 The project will also appear in the map.

3 To continue, select **Next.**

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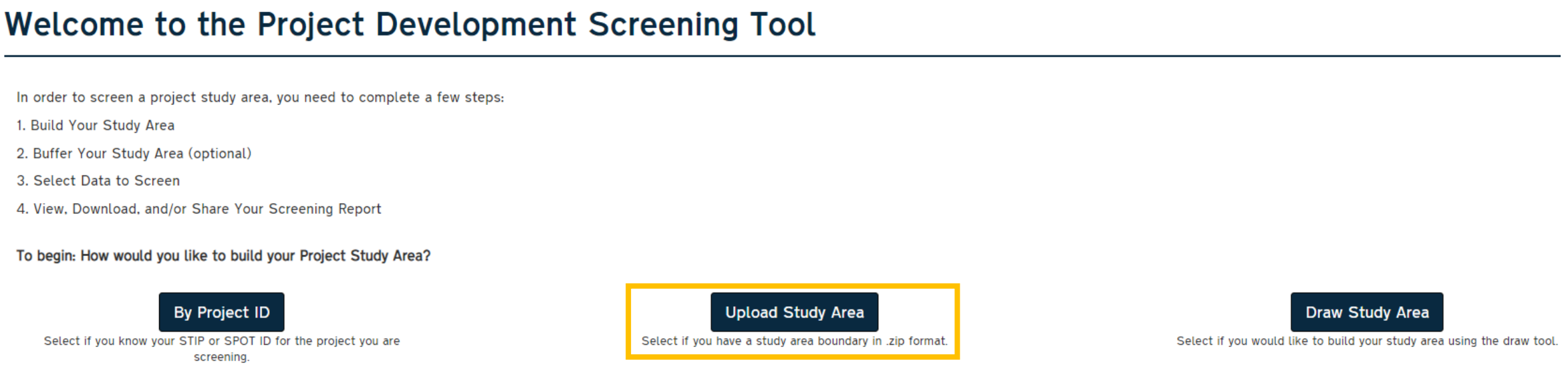
2.0 Upload a Study Area

2.1 To screen by using a previously developed study area, the user will first need to select the **Upload Study Area** button.



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2.0 Upload a Study Area (continued)

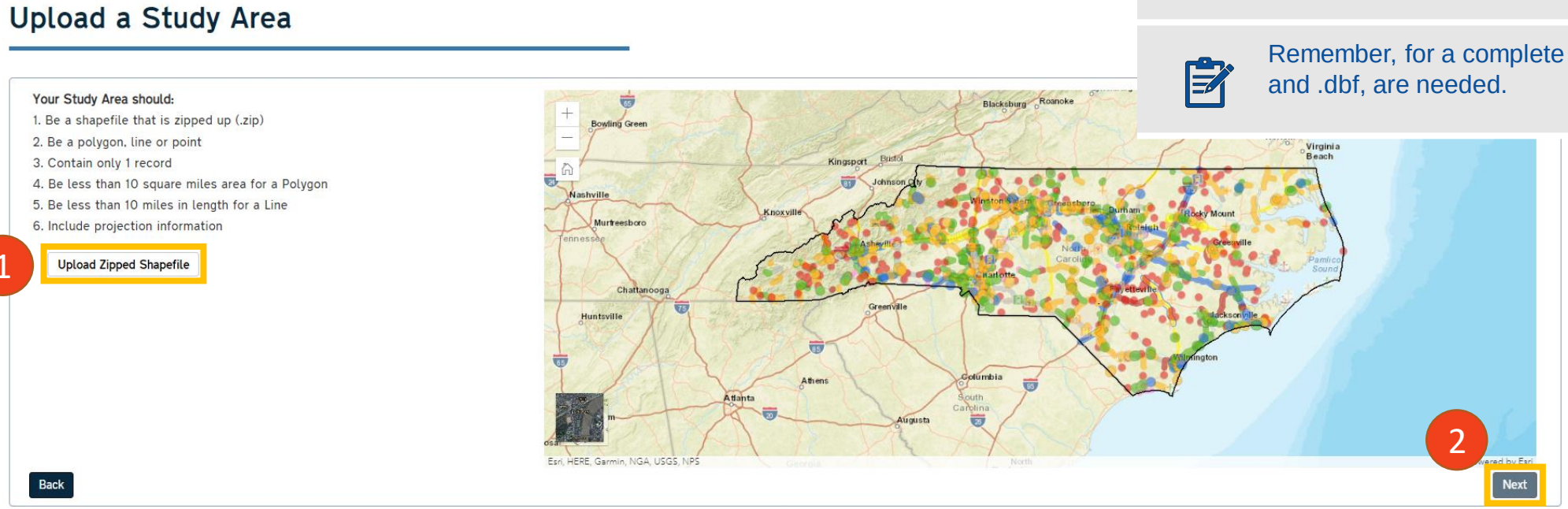
2.2 To **Upload a Study Area**, click **Upload Zipped Shapefile** and select a zipped folder of a premade shapefile and it's associated files.

1

2 To continue, select **Next**.

Note the study area size requirements listed on the left side of the page.

Remember, for a complete shapefile, a .shp, .shx, and .dbf, are needed.



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2.0 Upload a Study Area (continued)

2.3 Once the shapefile is uploaded, the map will display your study area.

1

2 To continue, select **Next**.

Upload a Study Area

1

Your Study Area should:

1. Be a shapefile that is zipped up (.zip)
2. Be a polygon, line or point
3. Contain only 1 record
4. Be less than 10 square miles area for a Polygon
5. Be less than 10 miles in length for a Line
6. Include projection information

Upload Zipped Shapefile

2

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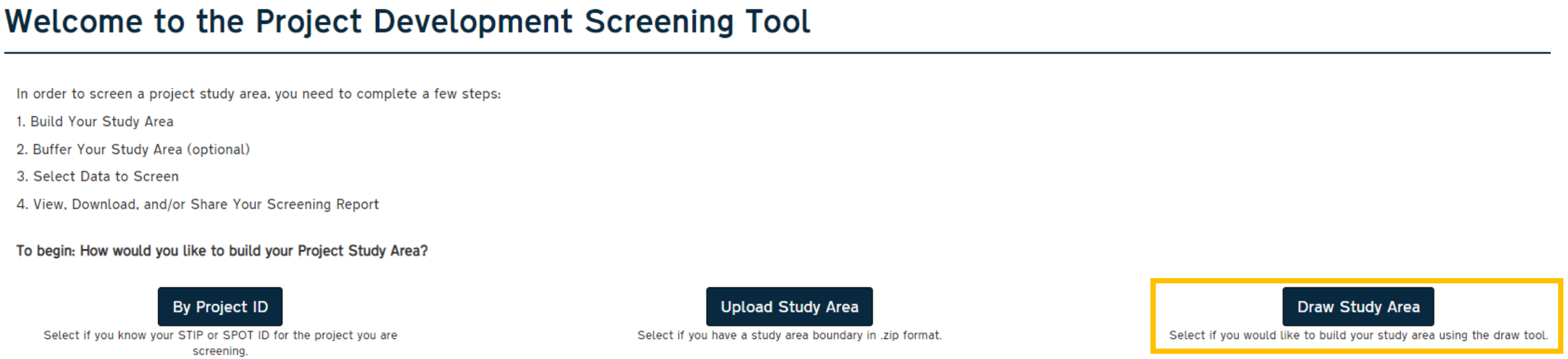
3.0 Draw a Study Area

3.1 To screen by drawing a new study area, the user will first need to select the **Draw Study Area** button.

This option is useful to screen the area near a project where a formal study area has not been developed or the GIS files are not available by the user.



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3.0 Draw a Study Area (continued)

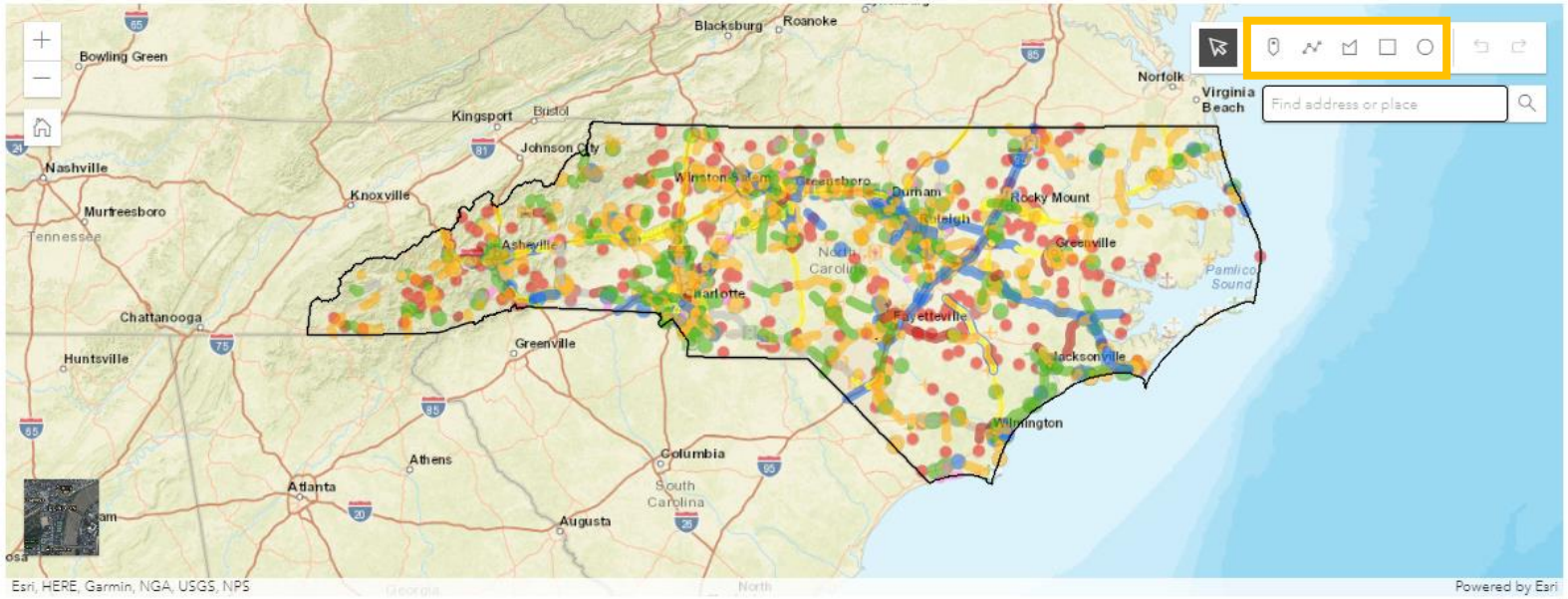
3.2 To **Draw a Study Area**, choose from the **point**, **line**, and **polygon** tools in the top right corner, and draw your study area by clicking on the map.

Continue to the next slide for tips on drawing the study area.

Use the draw tool to build your study area by drawing a polygon, line, or point.

To begin, select one of the tools and start drawing on the map. Polygons or lines can be completed by double clicking.

You will be able to add a buffer in the next step if you wish to.



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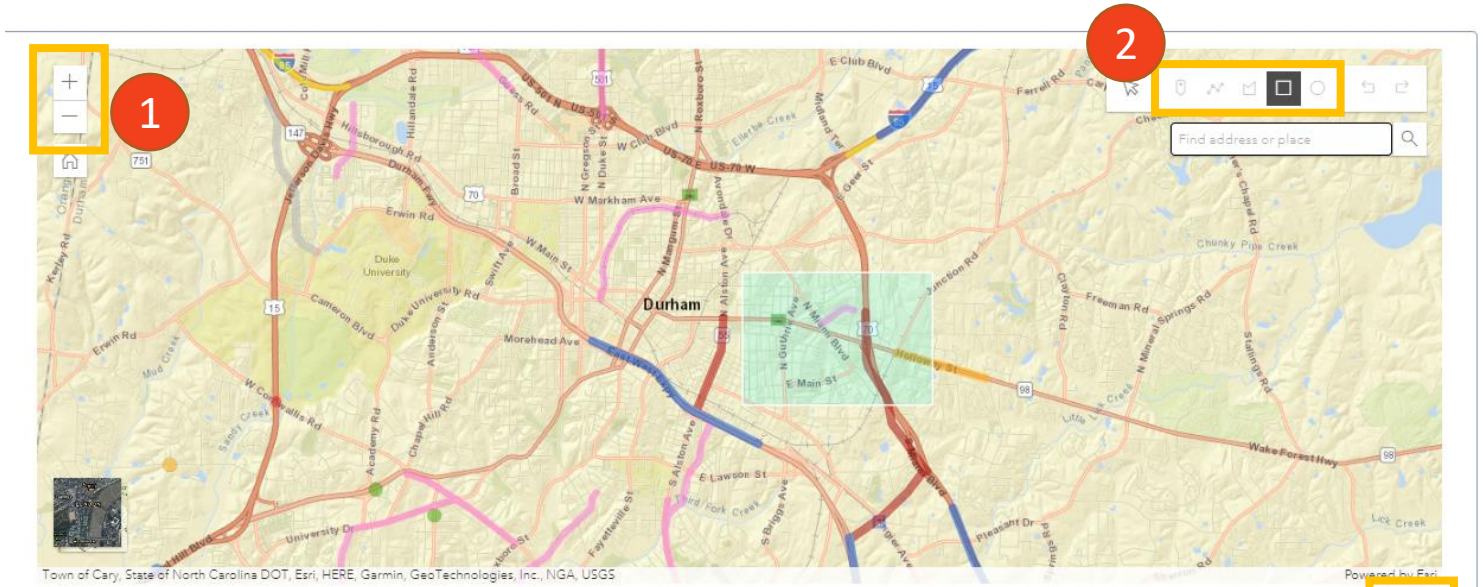
3.0 Draw a Study Area (continued)



3.3

1 For more precision, use the Zoom In **"+"** button and pan using your mouse.

2 The study area can be a point, line, or polygon.
- Use the icon to create a point.
- Use the icon to create a line.
- Use one of the icons to create a polygon.

3 To continue, click **Next**.

Once the study area is drawn, click on the shape once to move or resize the entire shape. Or double click on the shape to be able to adjust individual nodes. Deselect the area to move forward.

To delete the area and start over, use the button to select the shape, then click "Delete" on the keyboard.

TIP: Double-click to end drawing.

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Advancing Transportation through Linkages, Automation, and Screening (ATLAS)

Training Courses

Select GIS Layers to Screen

- Select Template Option
  - Apply a Buffer
- Select Layers to Screen
- Build Screening Report

0.0 Overview of Selecting GIS Layers to Screen

After identifying your study area, you will select GIS layers to screen. This is done through what is called a “template” in the Screening Tool. After a template is identified, you have the option to apply a buffer, and then modify the GIS layer selection.

- Select or create a template
- Apply a buffer (if desired)
- Select layers to screen

0.1 This section picks up after the study area has been screened. To continue, select the type of template you’d like use:

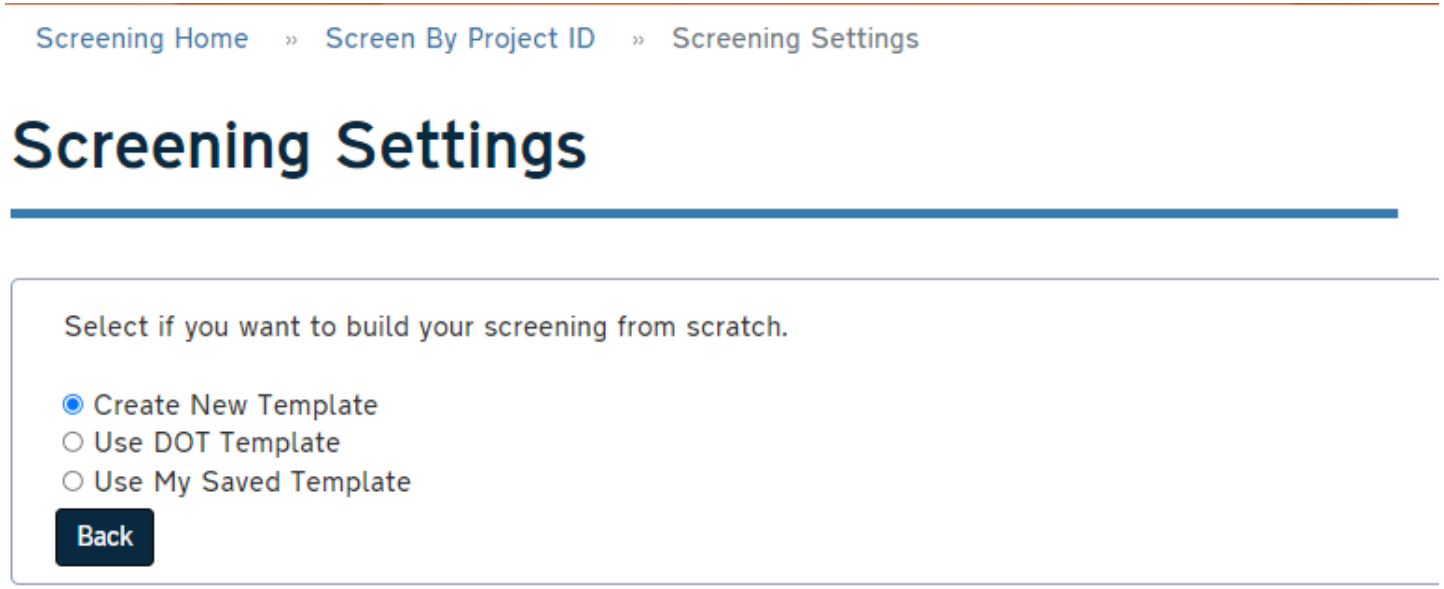
1. Create New Template
2. Use DOT Template
3. Use My Saved Template

You will have the option to save your own template, after you’ve selected your layers and built your screening report.

0.0 Understanding Templates

Templates are used as frameworks to guide the selection of GIS layers during the screening process. There are three template options:

- Create new template
- Use DOT template
- Use my Saved Template



0.2 Within the **ATLAS Screening Tool**, you can create and save your own templates, with unique layers based on the project at hand. When a template is saved, it can be used again in the future, and is available as a **Saved Template**.

The NCDOT has developed a set of templates for users to access that are focused a specific process or resource. This list is continually growing. Some DOT templates include:

- Merger Pre-screening
- Recreation 4(f)
- Historic 4(f)
- Section 6(f)
- Clean Water Act
- CAMA Resources
- Hydraulics PDR
- Hydraulics SMP
- SCM Screening Template

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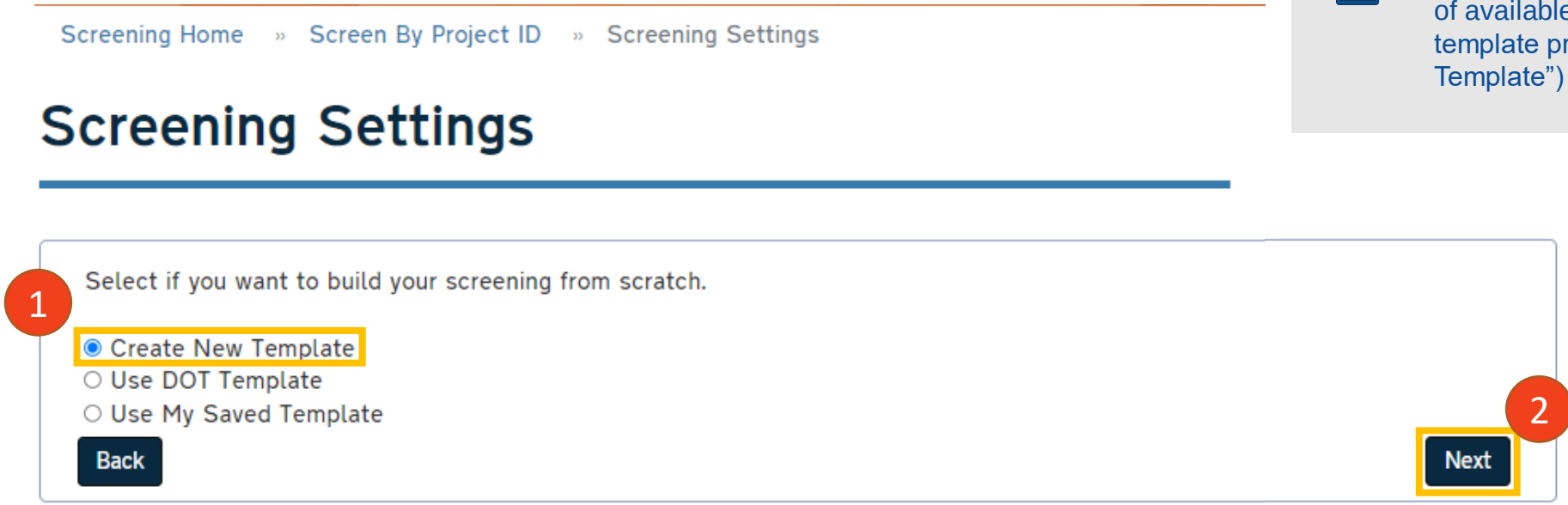
1.0 Identify a Template: Create New Template

1.1 To use the Screening Tool without using an existing template, select **Create New Template.**

2 Click **Next**.

Use **Create New Template** when you want to select GIS layers yourself, starting with the full list of available layers rather than starting with a template previously developed by you (“Saved Template”) or NCDOT (“DOT Template”).



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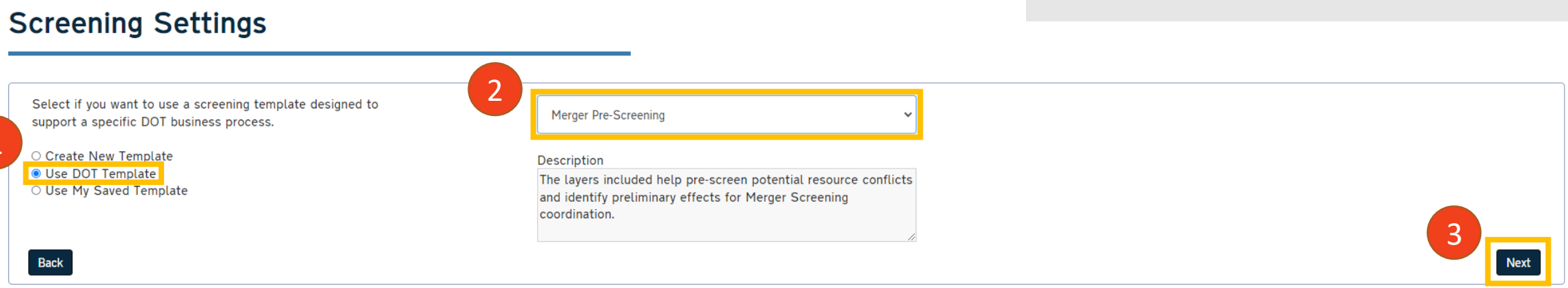
2.0 Identify a Template: Select DOT Template

2.1

1. To use a DOT Template, select the **Use DOT Template** option on the left side.
2. Under the drop-down menu to the right, select the template needed for the project. Information about each is shown in the **Description** below the list.
3. To continue, select **Next**.

Use **DOT Template** to start with preselected layers by topic. You can add or remove layers from the template once it is loaded.



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3.0 Identify a Template: Use a Saved Template

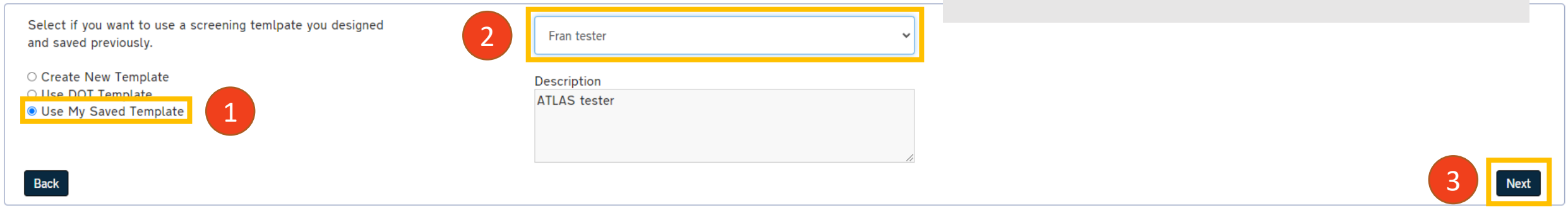
3.1 To use a template that you saved in a previous Screening, select the **Use My Saved Template** option.

1

2 Under the drop-down menu to the right, select one of the templates that are previously saved. The description that was previously included will appear below the drop-down menu.

3 Click **Next**.

Use **Saved Template** if you've previously developed and saved a group of GIS layers into your own template.



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4.0 Apply a Buffer

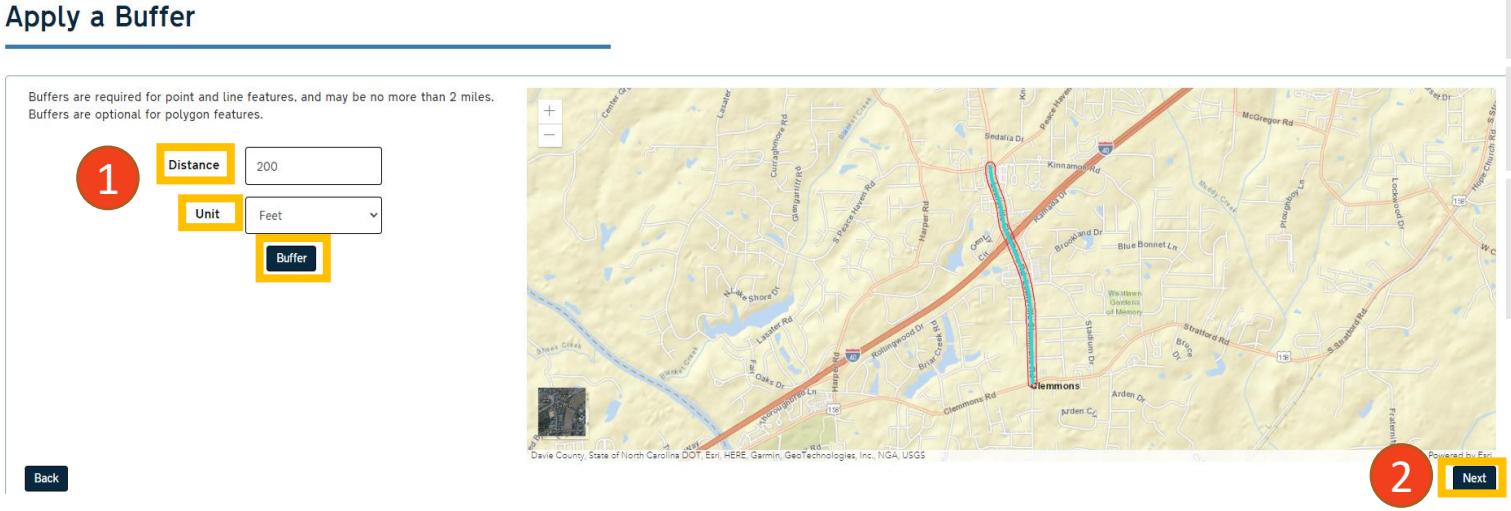
4.1 Once you've selected a template method, the next step is **Apply a Buffer**.

Buffers are required if your study area is a point or line and is optional if your study area is a polygon.

1 To **Apply a Buffer**, enter the desired buffer distance in the **Distance** box, select the desired **Unit** from the drop-down menu, and select **Buffer**.

2 To continue, select **Next**.

You cannot enter "0" in the buffer distance, but you can leave it blank for a polygon.



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5.0 Select Layers to Screen

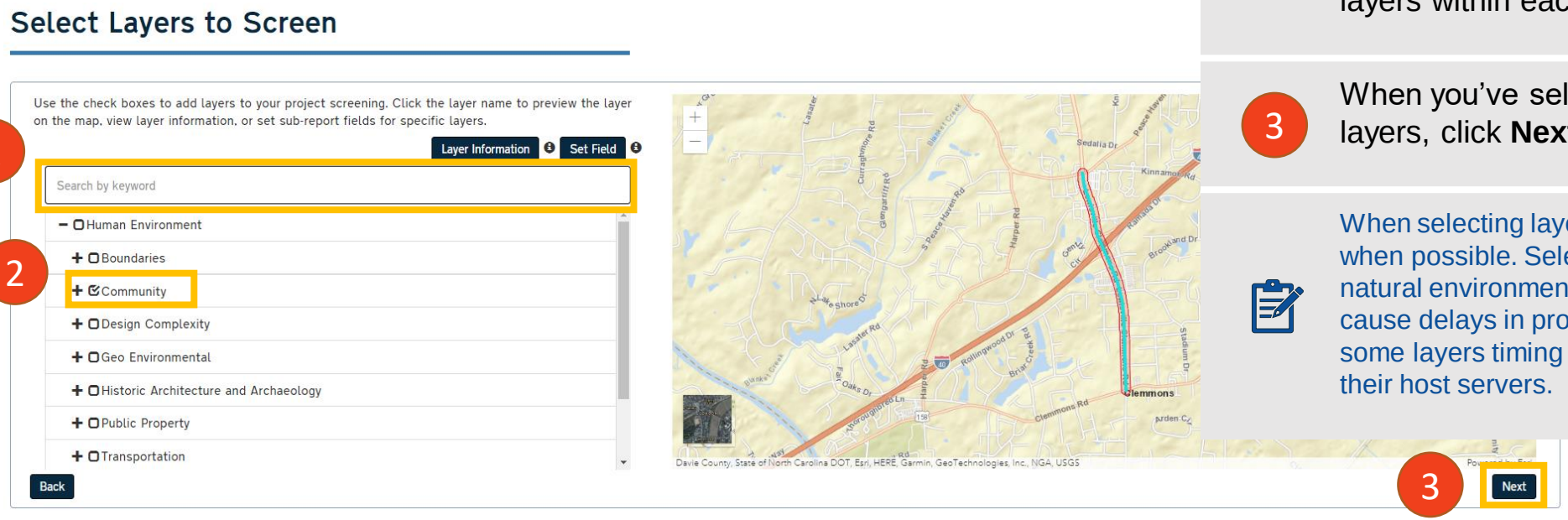
5.1

1. You can add or remove layers if you have started with a template or are creating a new template. To add layers, the user can either **Search by keyword** in the search box or scroll through the layer drop-down menus.

2. Check the box next to each category or layer wanted in your screening. Click the **+** to expand the category to view individual layers within each category.

3. When you've selected all of your desired layers, click **Next**.

When selecting layers, opt for fewer selections when possible. Selecting all the human and natural environment layers at the same time will cause delays in processing and may result in some layers timing out as they are pulled from their host servers.



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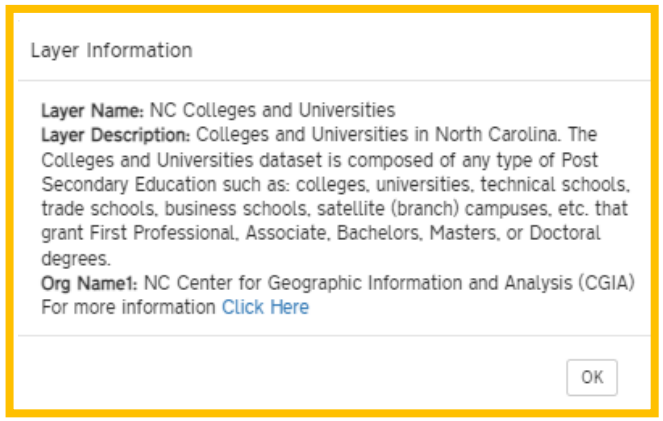
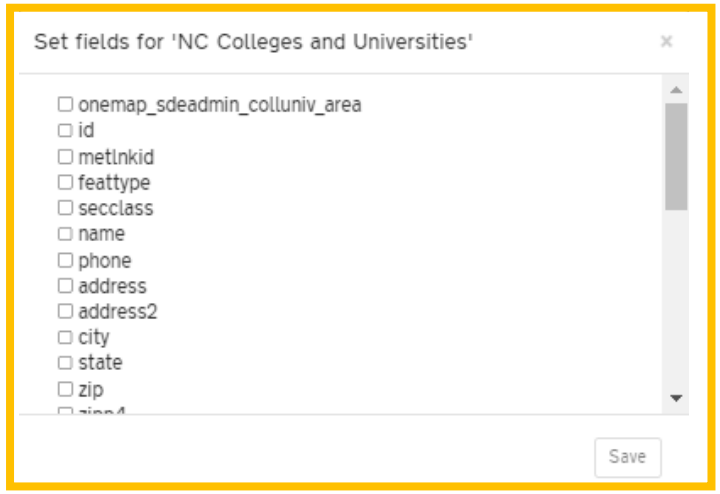
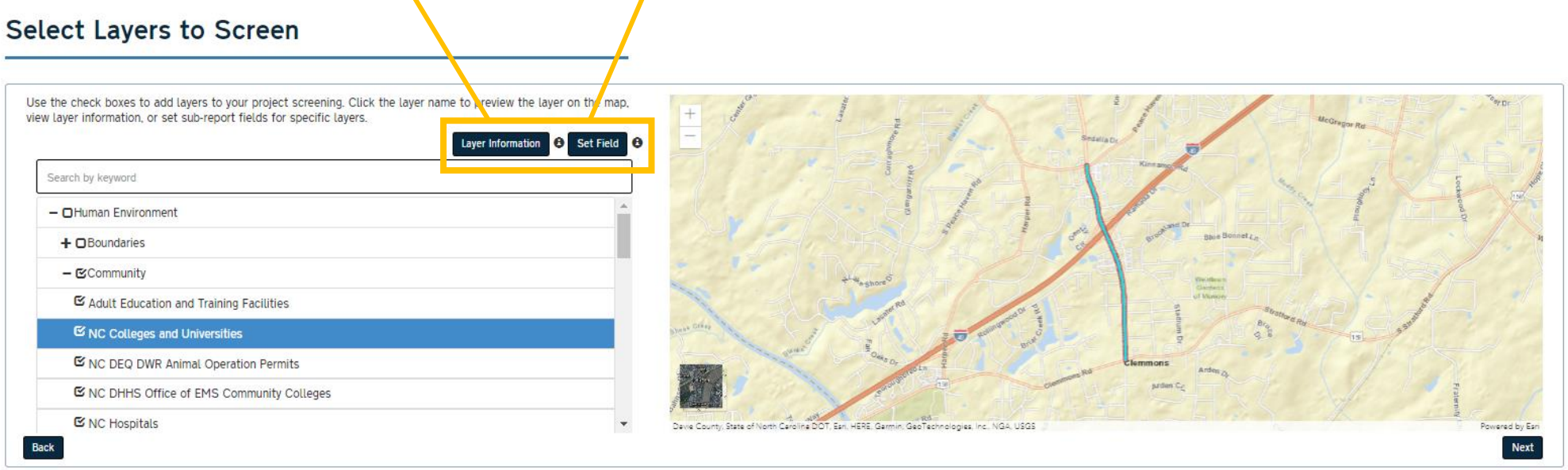
5.0 Select Layers to Screen (continued)





5.2 When selecting layers, the **Layer Information** button displays layer details including data owners and web service links. Select a layer, then select **Layer Information**.

The **Set Field** button is used to summarize the data for a specific layer by a certain attribute (up to two).



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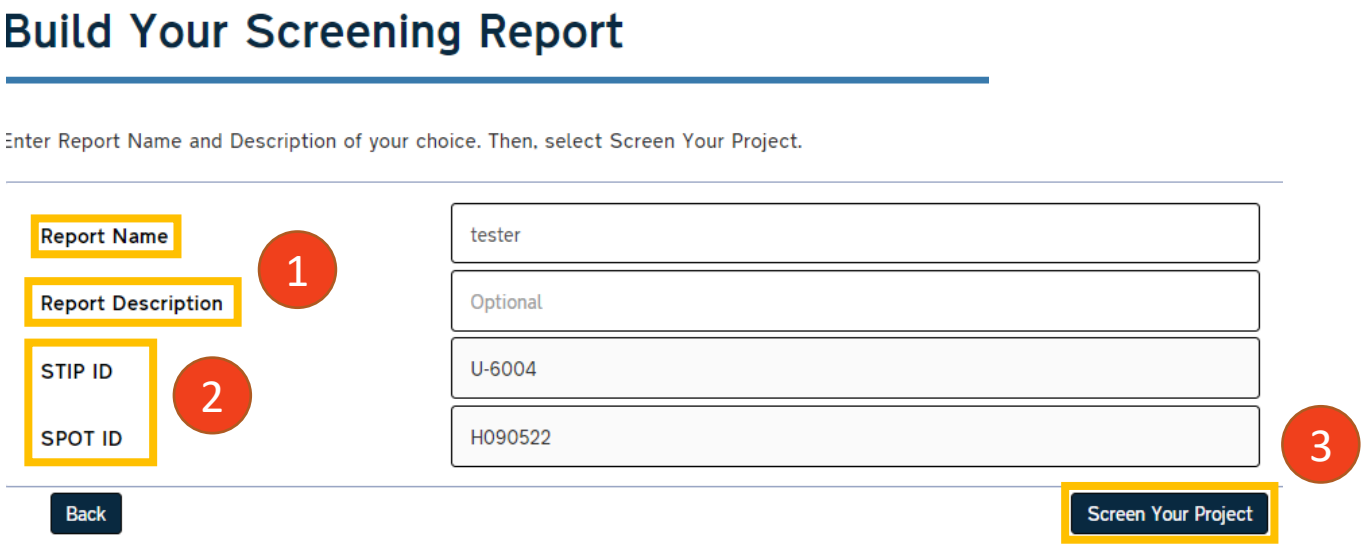
6.0 Build Your Screening Report

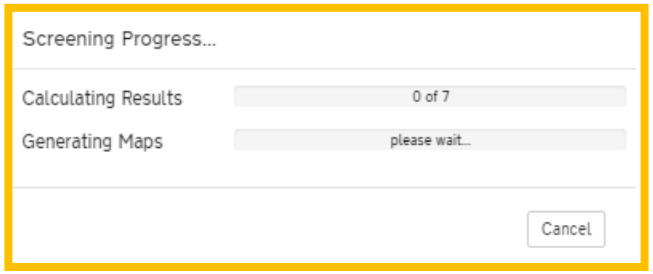


6.1 To **Build the Screening Report**, add a **Report Name**. You can also choose to add a **Report Description** (optional). This will be shown at the top of your screening report.

2 The **STIP ID** and **SPOT ID** will only be filled in if you choose "Study area by ID" instead of drawing your own.

3 When finished, click **Screen Your Project.**

This pop-up will appear once you select "**Screen Your Project**"



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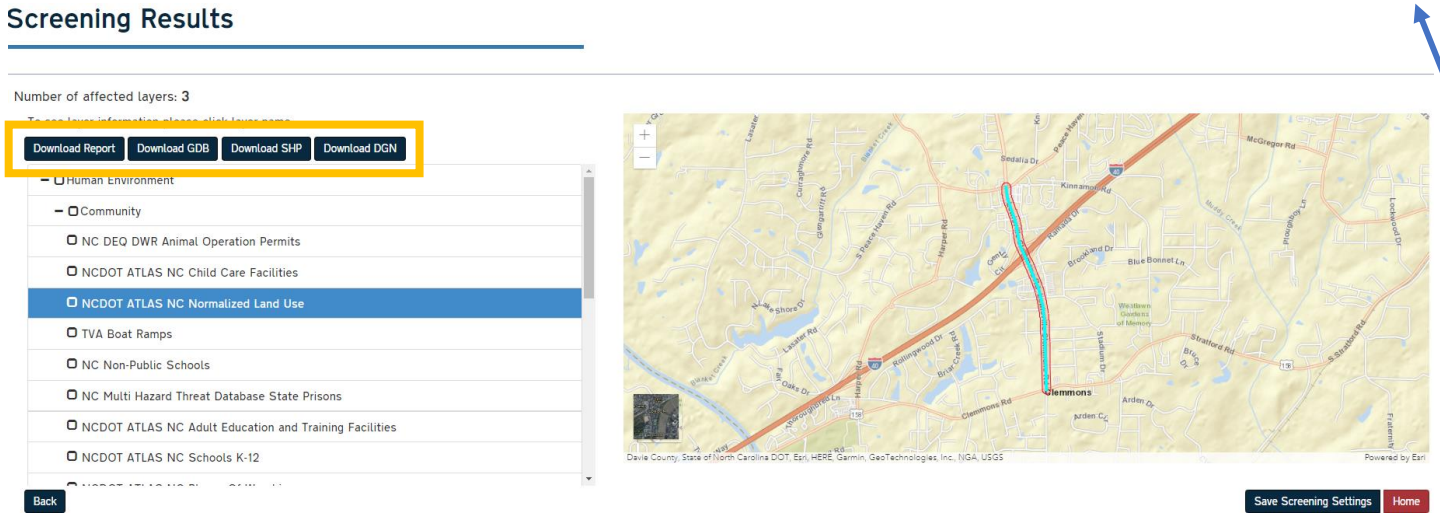
7.0 See Screening Results



7.1 To see the results of the screening, the user can click:

- **Download Report**
- **Download GDB**
- **Download SHP**
- **Download DGN**

- **GDB** files are geodatabases that can store spatial and non spatial data.
- **SHP** files are geospatial data files used for GIS.
- **DGN** files are CAD software line data.

ATLAS can time out, be sure to wiggle your mouse every few minutes if you find that your downloads are taking some time. The larger the file, the longer it'll take.

Occasionally, depending on which layers are selected, certain download types will generate errors. This occurs when layers linked to by ATLAS are temporarily unavailable. See the Common Errors slide for more information.

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7.0 See Screening Results (continued)

7.2 To save the layer selection for use in future screenings, click **Save Screening Settings** in the bottom right corner. This allows your selected layer combination to be available as a “My Saved Template” in the future.

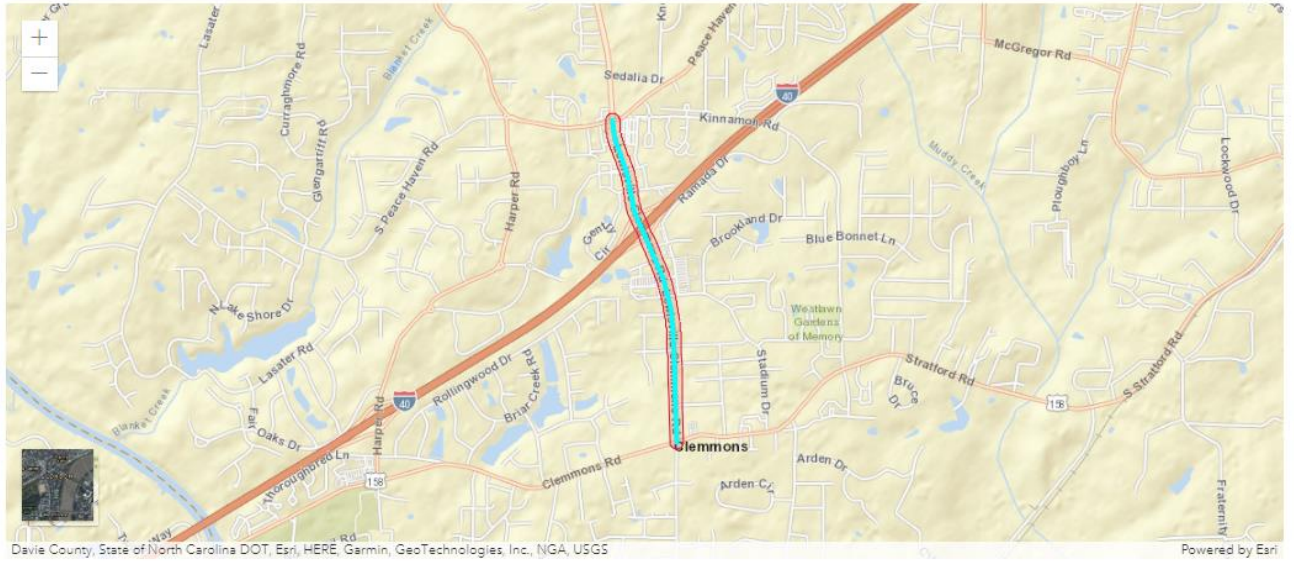
Screening Results

Number of affected layers: **3**

To see layer information please click layer name.

Download Report | Download GDB | Download SHP | Download DGN

- Human Environment
  - Community
    - NC DEQ DWR Animal Operation Permits
    - NCDOT ATLAS NC Child Care Facilities
    - **NCDOT ATLAS NC Normalized Land Use**
    - TVA Boat Ramps
    - NC Non-Public Schools
    - NC Multi Hazard Threat Database State Prisons
    - NCDOT ATLAS NC Adult Education and Training Facilities
    - NCDOT ATLAS NC Schools K-12



Back | Save Screening Settings | Home

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8.0 Using Data In Other Software

8.1 Because you can download various file types, your ATLAS data can be used to supplement your projects in other software that accepts the file types, such as ArcGIS.

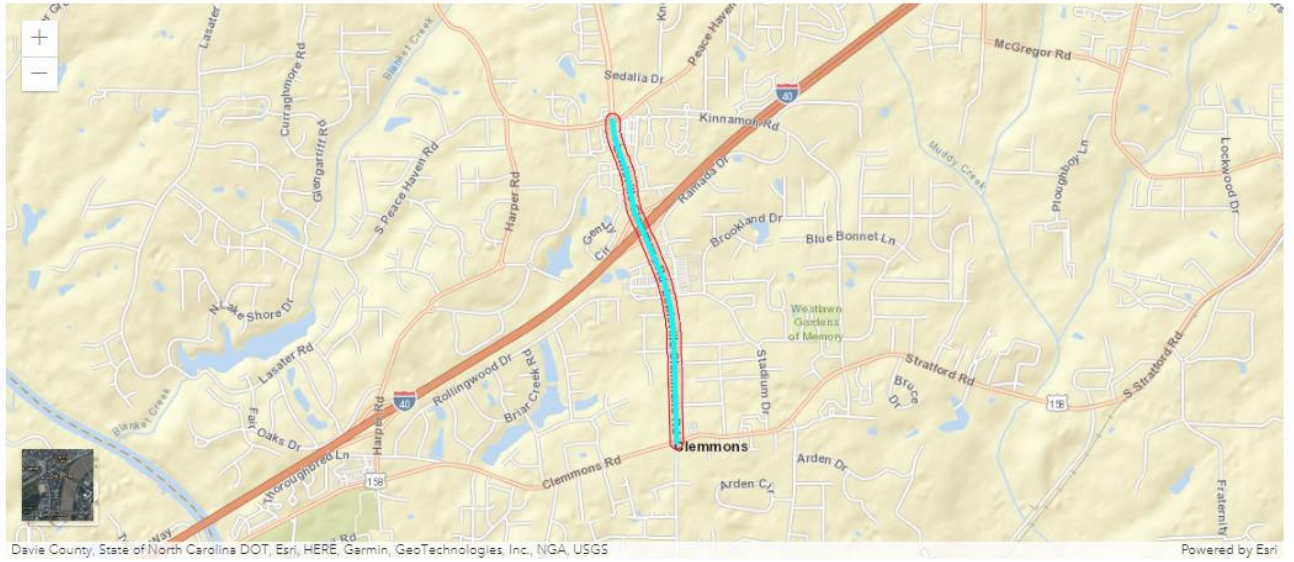
Screening Results

Number of affected layers: **3**

To see layer information please click layer name.

Download Report | Download GDB | Download SHP | Download DGN

- Human Environment
  - Community
    - NC DEQ DWR Animal Operation Permits
    - NCDOT ATLAS NC Child Care Facilities
    - NCDOT ATLAS NC Normalized Land Use
    - TVA Boat Ramps
    - NC Non-Public Schools
    - NC Multi Hazard Threat Database State Prisons
    - NCDOT ATLAS NC Adult Education and Training Facilities
    - NCDOT ATLAS NC Schools K-12

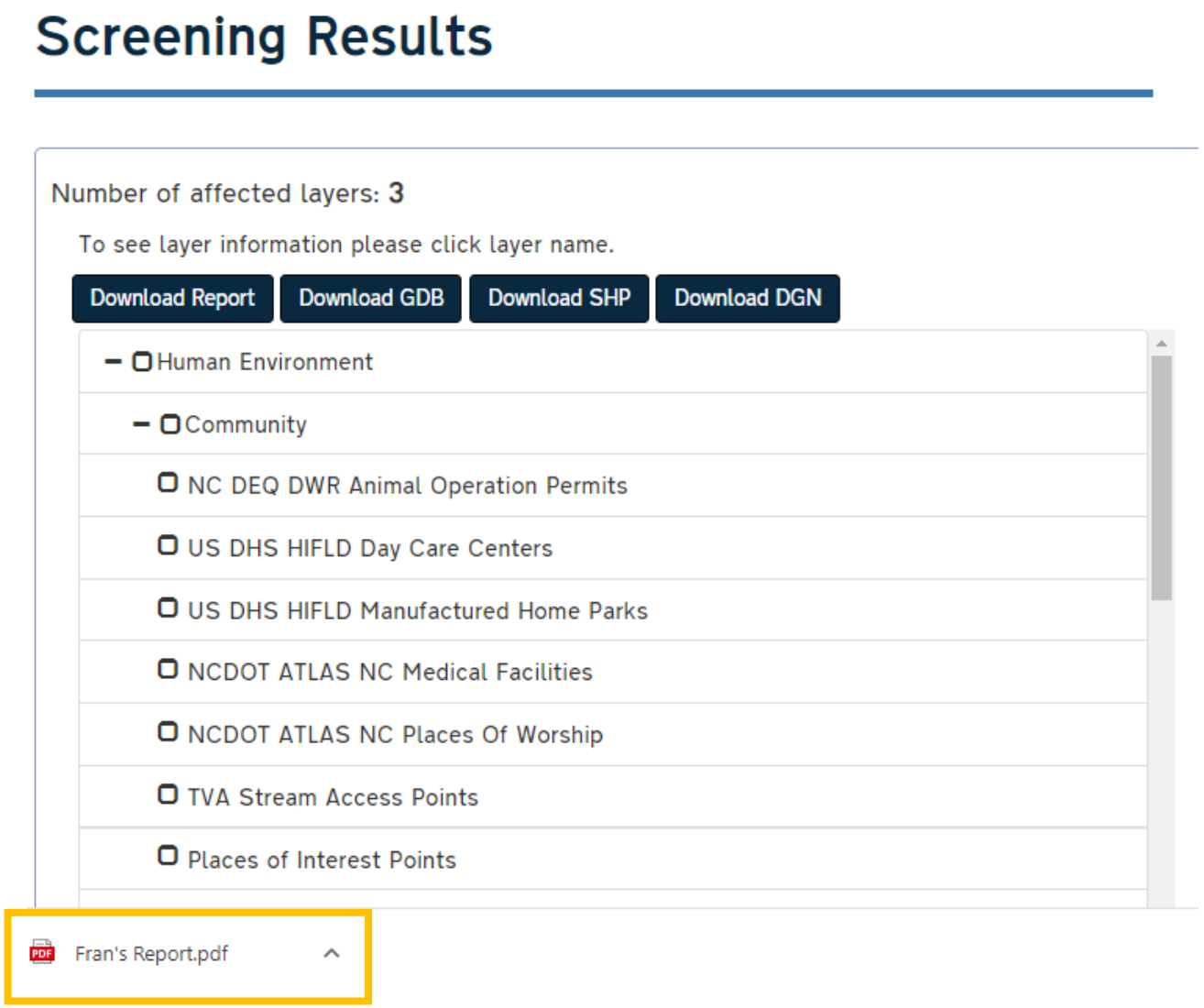


Back | Save Screening Settings | Home

Advancing Transportation through Linkages, Automation, and Screening (ATLAS)

Training Courses

Read a Screening Report



1.1 Once downloaded, your report should appear at the bottom of your webpage and in your computer's Downloads folder.

In this image, "Fran's Report.pdf" is available at the bottom of the webpage.

To open the report, click on it in either location.

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1.0 How to Read a Screening Report (continued)

Report Metadata

Created by: mlhobgood **Date/Time Executed:** 09/07/2022 10:39 AM

Application version: 1.17.0.0

Report Disclaimer:

While the N.C. Department of Transportation strives to provide complete and accurate information, the data provided in this screening report are reported "as is." This report does not replace field data collection and data verification conducted by licensed professionals. No warranty is expressed or implied regarding the accuracy of available data for general or scientific purposes. NCDOT shall under no circumstances be responsible for any errors or omissions which may occur in these records, nor liable for any actions taken as a result of reliance upon any information contained within this web site from whatever source, or any consequences from such reliance.

How to read this report:

User-defined Project Study Area = The final polygon that the user created in the Screening Tool. This study area includes any buffers the user added within the application.

Layer Name = Layer selected for Screening. You may click the hyperlink to access additional layer details.

Field Name = Calculated result for a specific field within a layer that was selected for Screening (using Set Field).

Feature Count = Number of unique features (points, lines, and/or polygons) from a particular GIS layer that are within or intersecting the user-defined project study area.

Values displayed the Output Report: (N/A vs 0)
N/A: When this value is displayed it indicates that the calculation requested cannot be completed do to a limitation of the geometry. For example, you cannot calculate the area of a point.

0: When this value is displayed it means that the calculation was able to be performed with no limitations due to the input geometry, however the result was 0. For example, your study area did not overlap a hydrography feature, therefore the resulting overlap length is 0.

Total Coverage = Total number of linear feet (lines) or area (polygons) from a particular GIS layer that are contained within the user-defined project study area. N/A under Total Coverage refers to point layers as point layers cannot have coverage.

Nearest Feature = Distance from the boundary of the user-defined project study area to next closest feature (point, line, or polygon) for a particular GIS layer within the vicinity (1 mile) of the project study area boundary. Zero (0) under Nearest means there are no features in the project vicinity (1 mile buffer).

Availability of Web Services:

The layers referenced in this report utilize web services. If any web services were unavailable at the time of the report execution, related errors are noted in the following table:

1.2 The next section on 'Report Metadata' explains in detail on how to read the Screening Report. Every report also contains a general disclaimer.

Since the Screening Tool utilizes external web services, availability of these layers could vary.

Layers that were not available for use during the Screening run will be noted in a table towards the end of the report.

This is at the end of the report; we'll go through a few of these here.

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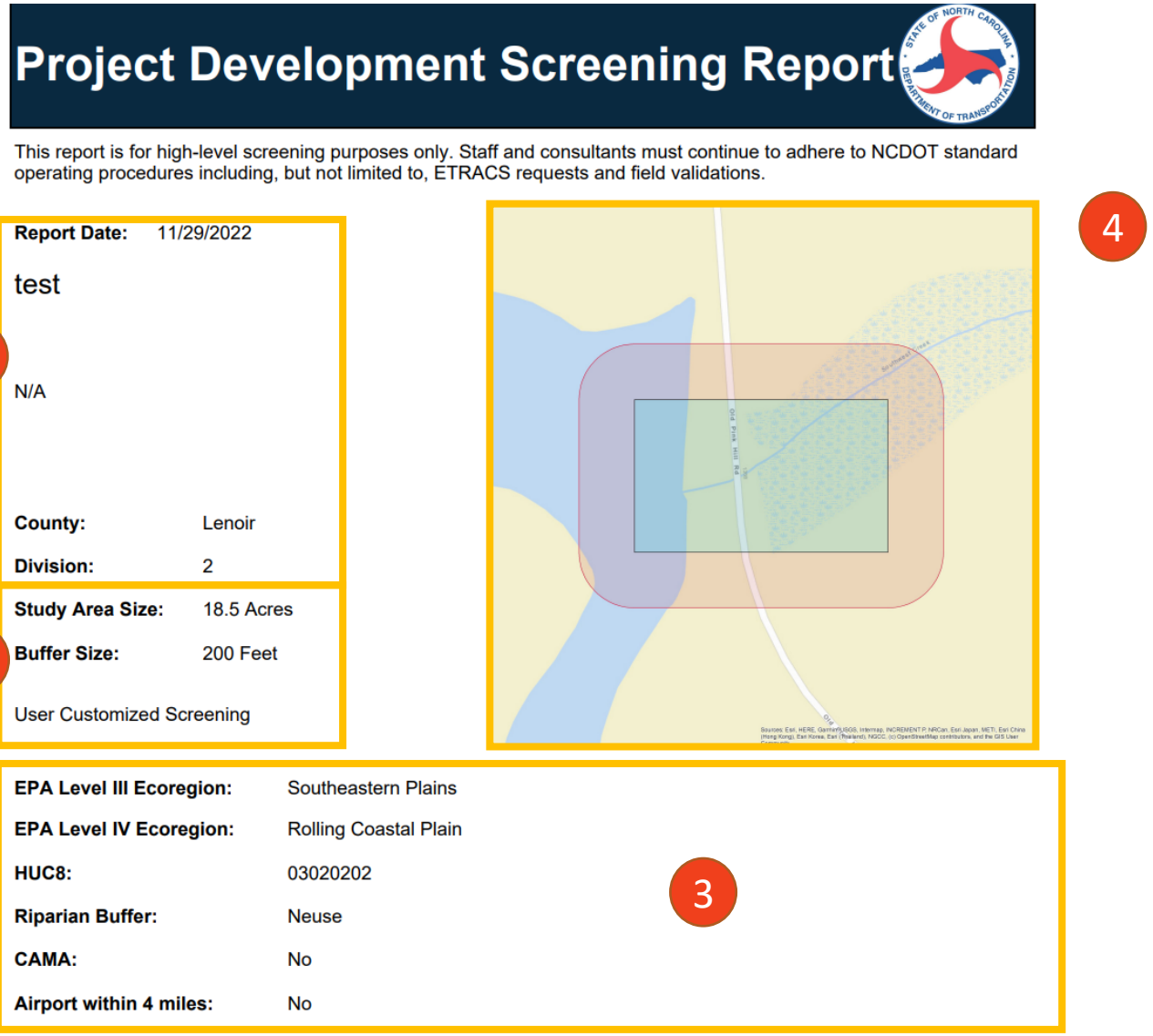
1.0 How to Read a Screening Report (continued)



Project Development Screening Report

This report is for high-level screening purposes only. Staff and consultants must continue to adhere to NCDOT standard operating procedures including, but not limited to, ETRACS requests and field validations.

Report Date: 11/29/2022

test

N/A

County: Lenoir

Division: 2

Study Area Size: 18.5 Acres

Buffer Size: 200 Feet

User Customized Screening

EPA Level III Ecoregion: Southeastern Plains

EPA Level IV Ecoregion: Rolling Coastal Plain

HUC8: 03020202

Riparian Buffer: Neuse

CAMA: No

Airport within 4 miles: No

1.3

1 The top of the screening report includes the date, report name, description (if one was entered during the Build Your Screening Report step), and county and NCDOT division of your study area.

2 The middle of the report lists the study area size and buffer size entered by the user (if applicable).

3 The bottom of the report lists the EPA ecoregion, hydrological code (HUC), if it is in a Coastal Act Management Area (CAMA), if riparian buffer laws apply based on the river basin, and if there is an airport within 4 miles.

4 The report contains a map showing the location of the study area and buffer.

The layers shown in the ATLAS Screening Tool will not display on this map, but data is on following pages of the report and the graphic files are available in the downloaded GIS/DGN files.

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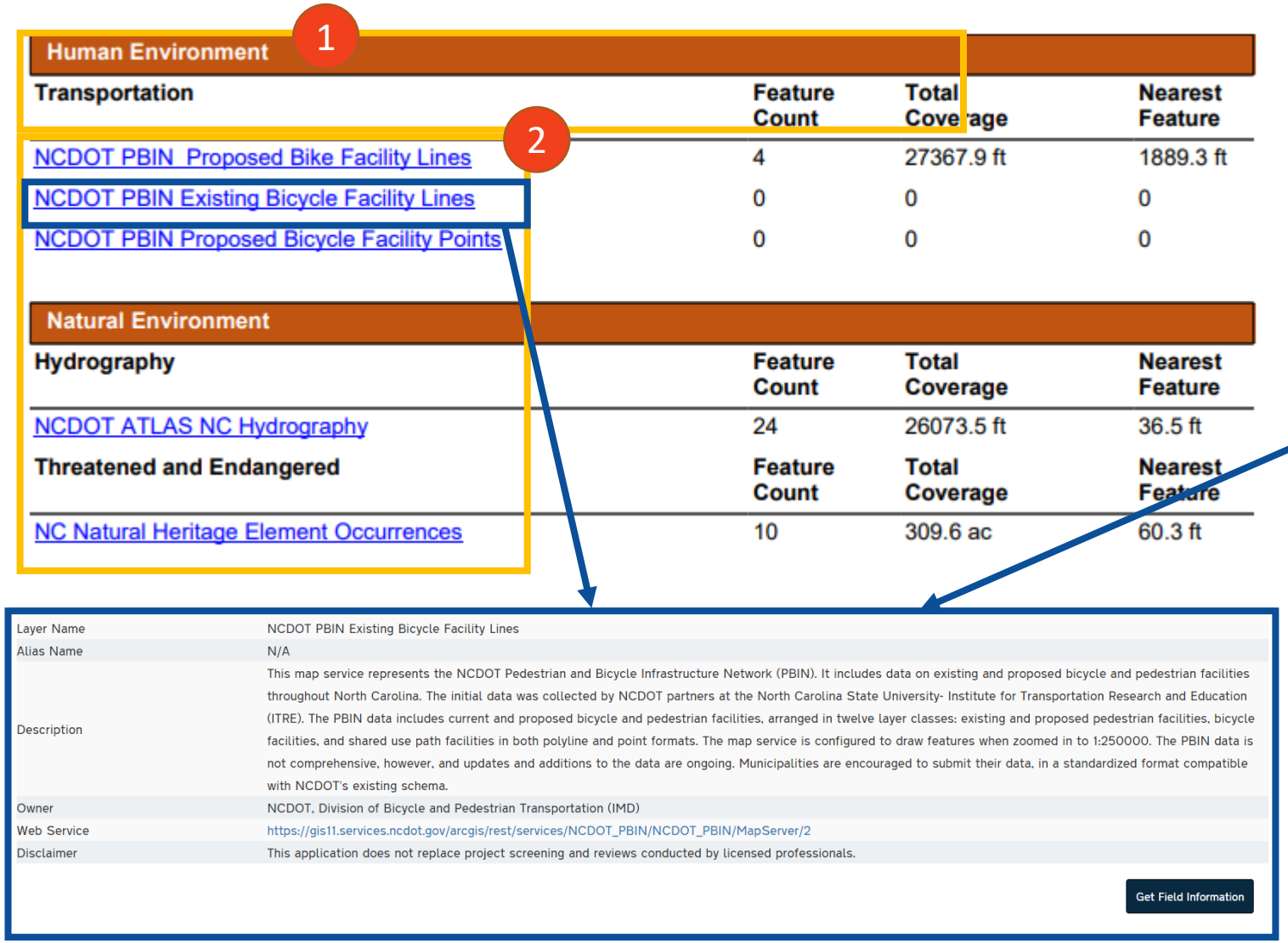
1.0 How to Read a Screening Report (continued)



Human Environment

Transportation	Feature Count	Total Coverage	Nearest Feature
NCDOT PBIN Proposed Bike Facility Lines	4	27367.9 ft	1889.3 ft
NCDOT PBIN Existing Bicycle Facility Lines	0	0	0
NCDOT PBIN Proposed Bicycle Facility Points	0	0	0

Natural Environment

Hydrography	Feature Count	Total Coverage	Nearest Feature
NCDOT ATLAS NC Hydrography	24	26073.5 ft	36.5 ft
Threatened and Endangered	**Feature Count**	**Total Coverage**	**Nearest Feature**
NC Natural Heritage Element Occurrences	10	309.6 ac	60.3 ft

Layer Name	NCDOT PBIN Existing Bicycle Facility Lines
Alias Name	N/A
Description	This map service represents the NCDOT Pedestrian and Bicycle Infrastructure Network (PBIN). It includes data on existing and proposed bicycle and pedestrian facilities throughout North Carolina. The initial data was collected by NCDOT partners at the North Carolina State University- Institute for Transportation Research and Education (ITRE). The PBIN data includes current and proposed bicycle and pedestrian facilities, arranged in twelve layer classes: existing and proposed pedestrian facilities, bicycle facilities, and shared use path facilities in both polyline and point formats. The map service is configured to draw features when zoomed in to 1:250000. The PBIN data is not comprehensive, however, and updates and additions to the data are ongoing. Municipalities are encouraged to submit their data, in a standardized format compatible with NCDOT's existing schema.
Owner	NCDOT, Division of Bicycle and Pedestrian Transportation (IMD)
Web Service	https://gis11.services.ncdot.gov/arcgis/rest/services/NCDOT_PBIN/NCDOT_PBIN/MapServer/2
Disclaimer	This application does not replace project screening and reviews conducted by licensed professionals.

Get Field Information

1.4 The next page of the report lists all of the layers screened, a count of features intersecting the study area, total coverage of features within the study area, and the distance to the nearest feature from the study area are identified for each layer.

1

Every layer is also hyperlinked to its layer details page. This pop-up is an example of what you get when you select the hyperlink.

2

If sub-reports exist, then these fields will show up under the appropriate layer. And, will pop up with the report PDFs.

Sub-reports offer additional information that supplement the screening report. They are available if the user selects specific layers to be screened against. Currently, there are Hydrography and Natural Heritage Data sub-reports.

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1.0 How to Read a Screening Report (continued)`

Human Environment			
Community	Feature Count	Total Coverage	Nearest Feature
NCDOT ATLAS NC Normalized Land Use	23	58.0 ac	77.0 ft
NCDOT ATLAS Places of Interest Lines	1	2511.8 ft	N/A
NCDOT ATLAS Places of Interest Polygon	1	0.1 ac	2198.4 ft
NC Colleges and Universities	0	0	0
NC DEQ DWR Animal Operation Permits	0	0	0
NC DHHS Office of EMS Community Colleges	0	0	0
NC Hospitals	0	0	4289.5 ft
NC Multi Hazard Threat Database Nuclear Power Plants	0	0	0
NC Multi Hazard Threat Database State Prisons	0	0	0
NC Non-Public Schools	0	0	0
NC Public Libraries	0	0	1425.1 ft
NCDOT ATLAS NC Adult Education and Training Facilities	0	0	267.0 ft
NCDOT ATLAS NC Child Care Facilities	0	0	521.5 ft
NCDOT ATLAS NC Medical Facilities	0	0	248.5 ft
NCDOT ATLAS NC Places Of Worship	0	0	561.9 ft
NCDOT ATLAS NC Schools K-12	0	0	1389.0 ft
North Carolina Public Schools	0	0	1207.6 ft
Places of Interest Points	0	0	248.5 ft
TVA Boat Ramps	0	0	0
TVA Stream Access Points	0	0	0
US DHS HIFLD Day Care Centers	0	0	473.1 ft
US DHS HIFLD Manufactured Home Parks	0	0	0
US HUD Public Housing Building	0	0	0

1.5

1 **Feature Count** refers to features within the study area, including points even if though the don't appear in coverage.

2 **Total Coverage** refers to the total of each resource in linear feet or acres that are contained within the buffered study area. Point features, because they lack length, show up as 0.

3 **Nearest Feature** is defined as the distance from the edge of the buffered project study area (once you add a buffer, it becomes a part of the study area) to the next closest feature (point, line, or polygon) for a particular GIS layer within a 1-mile vicinity of the study area boundary.

Zero (0) under 'Nearest Feature' means there are no features in the vicinity (1 mile buffer)."

The layers shown in the ATLAS Screening Tool will not display on this map, but data is on following pages of the report and the graphic files are available in the downloaded GIS/DGN files.

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2.0 Common Errors

Geoprocessing service unavailable:	Geoprocessing services, such as buffers, are integral to the ATLAS tools. If you receive this error, it may mean that it is not running or it is temporarily overloaded. The ATLAS team is working with NCDIT to quickly identify broken geoprocessing services so the issue can be resolved and identify longer-term solutions that will make this error less likely to occur. Try to perform the same action again and if the error reoccurs, please email ATLAS@ncdot.gov.
Token required	This indicates that the layer you are attempting to access is locked and you need specific permissions to access it. The ATLAS team is working with external agencies to make layers consistently available to all users. Some layers, such as T&E and Archaeology, are intentionally secured. If you have questions about these errors, please contact the ATLAS team at atlas@ncdot.gov.
Service unavailable:	This indicates the web service containing the layer is not currently accessible. This may be a temporary or more permanent issue. The ATLAS team is working with NCDIT and agency partners to enhance the stability of externally sourced layers and to quickly identify and address layers that are not working. Try to add the layer(s) again and if the error reoccurs, please email ATLAS@ncdot.gov.

2.1 At times, the ATLAS Screening tool can result in errors. These errors can generally be solved easily.

Three of the most common errors include:

- Geoprocessing Service Unavailable
- Token Required
- Service Unavailable

The table on the left lists common errors and their meanings.

For any errors, feel free to reach out to ATLAS@ncdot.gov.

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You have now completed this module.

For additional questions, email
ATLAS@ncdot.gov

SC.00
A Guide to the ATLAS Screening Tool

Module SC.00 Reference Table

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3	Select GIS Layers to Screen	28-40
4	Read a Screening Report	41-47