

# ATLAS 1.22.0.0 March 2024 Release Notes

Prepared on 3/28/24

## Recently Added Workbench Enhancements

- Updated Permitting uploads (Permit Package 1 and Application Package 1) to document sets.
- Hydraulics Tab has been reorganized.
- Scoping and preconstruction Workbench pages are now linked - when you can access one you automatically have access to the other.
- Save button only enabled when there is something to save on the current screen and success popup disappears automatically.

## New ATLAS Training Site

- Training modules are online. These are self-guided topical training modules found here: <https://connect.ncdot.gov/resources/Environmental/EAU/Project-Atlas/Pages/default.aspx>
- If you want further training for your group, please reach out to [ATLAS@ncdot.gov](mailto:ATLAS@ncdot.gov) to request instructor-led sessions.

## Recently Added GIS Layers

The following layers have been added to the Search Tool:

- NCDOT Maintenance Pipes
- NCDOT DEQ 2022 IR Water Quality Overall Ratings
- Rufa Red Knot Potential Habitat
- Piping Plover Potential Habitat
- Eastern Black Rail Potential Habitat
- Roseate Tern Potential Habitat
- Bureau of Land Management (BLM) Department of Defense Polygons
- Bureau of Land Management (BLM) Fish and Wildlife Service Polygons
- Bureau of Land Management (BLM) National Park Service Polygons
- Bureau of Land Management (BLM) Other Federal Polygons
- NC Fire Districts
- NC DEQ 2022 IR Water Quality Parameter Assessment
- US EPA Superfund Sites
- NC Voluntary Agriculture District (VAD) Program Presence
- ATLAS USFWS Consultation Ranges

## New GIS Reference Materials

The following materials have been added to the ATLAS Resources Connect site:

<https://connect.ncdot.gov/resources/Environmental/EAU/Project-Atlas/Pages/default.aspx>

- A spreadsheet has been created with all ATLAS layers and templates.
- Standards Guide has been updated to fix broken links.

A Hydraulics Guide was created for the unit for using ATLAS. This Guide can be found here:

<https://connect.ncdot.gov/resources/hydro/DrainageStudiesGuidelines/ATLAS%20Hydraulics%20Search%20and%20Screening%20Guide.pdf>

## Bug Fixes and Enhancements

- AD issue resolved - ATLAS does not require AD to access/sign in.
- Scoping and preconstruction WB pages are now linked - when you can access one you automatically have access to the other.
- Save button only enabled when there is something to save on the current screen and success popup disappears automatically.
- Updated Screening reports to show 'No' for the Riparian Buffer instead of 'Error.'
- Updated security parameters to look at NCID for Search/Screening tools.

## Updates

### Search/Screening Tool Updates

Some of our users may have noticed that there have been no quarterly release notes or new release training during most of 2024. This is due to the upgrade currently taking place on the Search/Screening Tool, which will soon become a single application called the ATLAS Map. You may ask why this is being done. The short answer is you, the user, asked for a better experience. The long answer is to increase user efficiency by reducing the apps that user must open/log into, improve app performance and enhance map functionality. NCDOT/DIT has deployed twenty-two versions of these tools over the last 5 years, each providing incremental enhancements based on user feedback. Since then, the technology available has significantly improved which allows for many improvements to take place at once.

### What to Expect from the ATLAS Map?

- Sleeker design to maximize the map area on the screen
- Faster speeds for screening to allow users to screen with a larger number of layers
- Larger study areas allowed for screening
- One tool that includes both the functionality of the existing tools
- Ability to search for and locate specific features (a culvert or bridge for example)
- Ability to create study areas based on specific features (a culvert or bridge for example)
- Flexibility to create multipart study areas which allows users to draw multiple polygons as one study area
- Moving to the cloud as the first application coming through the GIS Unit that DIT has pushed out using ArcGIS Enterprise on Kubernetes.
- Server capacity expands on demand
- Faster layer load times
- Screen more layers
- Experience fewer errors
- Print report-quality maps
- More intuitive layer searching
- Expanded search options for locating features
- More space dedicated to the map
- Screen multiple study areas simultaneously

