

ATLAS Quarterly Release Notes – Q3 2025

Prepared on 11/03/25

Recent ATLAS Workbench, Search, and Screening Enhancements - Coming Mid-November!

Item	Item Type	Title	Application
1	Bug Fix	Resolved: Parcel points and polygons missing from downloads	Search & Screening
2	Bug Fix	Resolved: Hydrography layers throwing 'undefined' errors in certain study areas	Screening
3	Bug Fix	Resolved: Screen element overlapping on zoom or browser minimization	Workbench
4	Feature	Disable Print Map button	Search
5	Feature	Display domain values in Screening Report sections	Screening
6	Feature	Add Project Impacts Tool to the 'Basic Project Info' tab	Workbench
7	Feature	Allow for double quotes in control text	Workbench
8	Feature	Update Scoping/Preconstruction Workbench link to display as a hyperlink	Workbench

Detail – Bug Fixes

1. Parcel points and polygons missing from downloads – Search & Screening

After running a screening when a user downloaded the study area some parcel points and polygons were missing from the download.

2. Hydrography layers throwing 'undefined' errors in certain study areas – Screening

When running a screening with the NC ATLAS Hydrography layer, the screening report was showing multiple errors.

- The main screening report was showing a Geoprocessing error: undefined for the ATLAS NC Hydrography layer.
- The Hydrography data was not showing on the screening report.

3. Screen element overlapping on zoom or browser minimization – Workbench

When zooming your browser extent above 125% the text would begin to overlap and be unreadable. This fix makes it so text zooms with the zoom extent without overlapping.

Detail – New Features

4. Disable Print Map button – Search

The 'Print Map' button has been removed from the Search Tool. The print function was not working properly so we removed the button. The print function will be available again once ATLAS Map rolls out.

5. Display domain values in Screening Report sections – Screening

When users would set fields for a screening report, they were only seeing the coded values. This enhancement allows users to also see the domain name for each attribute.

6. Add Project Impacts Tool to the 'Basic Project Info' tab – Workbench

A button was added to the 'Basic Project Info' tab that links to the new Project Impacts tool.

7. Allow for double quotes in control text – Workbench

The system would not allow for double quotes in control text. This enhancement allows the double quote special character in the control text.

8. **Update Scoping/Preconstruction Workbench link to display as a hyperlink – Workbench**

When hovering over the Scoping/Preconstruction link at the top left of the Workbench the link will highlight and underline showing the user it is a hyperlink.

Recent Tab and Control Updates in ATLAS Workbench - Live

Item	Revision	Workbench Tab	Title	Requestor
1	Control Added	Additional Information/Items	Will this project require an 8-week advertisement period? (Yes/No)	Technical Services
2	Control Added	Structures	Category Group Addition: 2ST2. Develop Preliminary General Drawings (6 added controls)	Structures Unit
3	Control Added	Structures	Category Group Addition: 4ST1. Finalize Structures Design PS&E - Structures (16 added controls)	Structures Unit
4	Control Revised	Permitting	Dropdown list of existing permits need updated	Environmental Coordination and Permitting [ECAP]
5	Control Added	Plan Checking Comments	Upload Plan Checking Comments (PDF)	Technical Services
6	Control Added	Location & Surveys	Accepting L&S SME Name (text control - 16 added controls)	Location & Surveys Unit
7	Control Revised	Location & Surveys	Existing Dropdowns changed to Yes/No controls (17 added controls)	Location & Surveys Unit
8	Control Added	Location & Surveys	LS Project Review Upload added for 1LS1, 2LS1, 3LS1, and 4LS1 (4 added controls)	Location & Surveys Unit
9	Control Added	Location & Surveys	LS QC Checklist added for each stage (5 added controls)	Location & Surveys Unit
10	Control Added	Location & Surveys	LS QA Checklist added for each stage (5 added controls)	Location & Surveys Unit
11	Control Added	Railroad	Qualitative Questions Added (2 added controls)	Rail Unit
12	Control Added	Railroad	Stage 2 & 3 Additions: Upload controls added (4 added controls)	Rail Unit
13	Control Revised	Railroad	Deliverable uploads sent to External Collaboration (6 controls updated)	Rail Unit
14	Control Added	Roadway	Stage 2 & 3 Additions: Upload controls added (9 added controls)	Roadway Design Unit
15	Control Revised	Threatened & Endangered Species	Select the species that are potentially impacted control drop down selections updated	Biological Surveys Group (BSG)
16	Control Removed	Threatened & Endangered Species	Category Group Removal: Upload & Conclusion (9 controls removed)	Biological Surveys Group (BSG)
17	Control Revised	Threatened & Endangered Species	Bat Survey Report Control Updates: Individual report types added (4	Biological Surveys Group (BSG)

			added controls; 1 control removed)	
18	Control Added	Geotechnical	Stage 2, 3, & 4 Additions: Upload controls added (7 added controls)	Geotechnical/Geoenvironmental Unit
19	Control Added	Project Management	3PM3. Design Complete Review Meeting (PDF)	Technical Services

Recently Added GIS Layers - Live

The following layers have been added to ATLAS:

- US Census Tracts 2020
- US Census Blocks 2020
- US Census Block Groups 2020
- NC LiDAR Index
- Community-Based Organizations (CBO)
- NCDOT ATLAS NC Approximate Tidal Influence Zone
- NCDOT P7 0 Not Selected Transit Projects
- NCDOT P7 0 Division Transit Projects
- NCDOT P7 0 Regional Transit Projects
- NCDOT P7 0 Not Selected Rail Linear Projects
- NCDOT P7 0 Not Selected Rail Projects
- NCDOT P7 0 Division Rail Projects
- NCDOT P7 0 Regional Rail Projects
- NCDOT P7 0 Statewide Rail Projects
- NCDOT P7 0 Not Selected Highway Linear Projects
- NCDOT P7 0 Division Highway Linear Projects
- NCDOT P7 0 Regional Highway Linear Projects
- NCDOT P7 0 Statewide Highway Linear Projects
- NCDOT P7 0 Not Selected Highway Intersection Projects
- NCDOT P7 0 Division Highway Intersection Projects
- NCDOT P7 0 Regional Highway Intersection Projects
- NCDOT P7 0 Statewide Highway Intersection Projects
- NCDOT P7 0 Not Selected Ferry Projects
- NCDOT P7 0 Not Selected Bike Ped Linear Projects
- NCDOT P7 0 Not Selected Bike Ped Multipoint Projects
- NCDOT P7 0 Not Selected Aviation Projects
- NCDOT P7 0 Division Aviation Projects
- NCDOT P7 0 Regional Aviation Projects
- NCDOT P7 0 Statewide Aviation Projects
- NC Ports
- ATLAS NC Section 10 Navigable Waters

The following layer updates have been made in ATLAS:

- Ecoregion layers were swapped with GIS PUB data from EPA
- North Carolina Geological Survey Geologic Terranes and Major Geologic Elements of NC - link changed in ATLAS to get updated data
- Deleted duplicate NC NPDES Monitoring Coalition Stations layer in favor of NC DEQ Discharge Coalitions Monitoring Sites

- Deleted duplicate NC Geology layer in ATLAS in favor of North Carolina State Geologic Map 1985
- Corrected layer link for Cooley's Meadowrue Potential Habitat layer
- National Park Boundaries - replaced deleted layer
- Deprecated PADUS layer replaced in ATLAS with alternative
- Set fields in templates updated
- P5 and P6 layers were replaced by P7 layers in ATLAS
- FEMA Hazard Mitigation Easements layer has been updated
- NCDOT ATLAS NC Value Management Points and Lines updated

Recently Added Templates & Notable Template Updates - Live

The following templates have been updated in ATLAS:

- Created Field Scoping Div 13_DRAFT template - This is a DRAFT template for Field Scoping for PDEA & EA and NEU UNIT section layers, curated for Division 13
- Initial Issues Identification Template - added USFWS Final Critical Habitat (polygon) and/or USFWS Proposed Critical Habitat (polygon)
- Created Prioritization 7 (P7) Template - This template was created to help easily gather information for all P7 layers within one template.
- SMU Detours and Environmental Prescreening Templates - Replaced P6 layers with P7 layers

ATLAS Training Site - Live

The ATLAS team is continuing to offer periodic training sessions on select topics requested by ATLAS users. These trainings will highlight what data users can access in ATLAS, how to use a certain tool or feature, or tips and tricks of the tools. Please reach out to our ATLAS email ATLAS@ncdot.gov if you have any suggestions for training topics.

- **Upcoming Workbench training scheduled for Thursday, November 13th, 12:30 PM-1:30PM.**

Register here: [ATLAS Lunch & Learn training: ATLAS Workbench Efficiency Training](#)

- This training provides a detailed walk-through of how to use the ATLAS Workbench Tool as part of the Project Development suite of tools. This training is for consultants and NCDOT task leads.
 - PDHs will be available if you attend this training session.
- Links to recorded trainings that have been completed, and self-guided topical training modules can be found here:
[ATLAS Training Modules Page](#).
 - New Trainings added include Comprehensive Search & Screening Training Modules & a Screening walkthrough video.
- If you want further training or would like to be added to the ATLAS Super User Group, please email ATLAS@ncdot.gov to request instructor-led sessions, to be added to the Super Users Group, or would like to be kept up to date about anything specific to ATLAS.

Other Updates - Live

Discipline Outreach

- **[ATLAS Workbench vs. Updated PDN Review](#)**

- The ATLAS team is continuing the effort of updating ALTAS controls to align with PDN tasks and deliverables. Please reach out to our ATLAS email ATLAS@ncdot.gov if you know of any updates that need to be made to your current ATLAS Workbench tab. Below are links to the various resources.

- Project Delivery Network (PDN):
<https://connect.ncdot.gov/projects/Project-Management/Documents/NCDOT%20Project%20Delivery%20Network.pdf>
- Project Delivery Network Redline Changes:
<https://connect.ncdot.gov/projects/Project-Management/Documents/NCDOT%20Project%20Delivery%20Network%20Latest%20Redline%20Changes.pdf>
- NCDOT Connect Tools & Templates site:
<https://connect.ncdot.gov/projects/Project-Management/Lists/Announcements/DispForm.aspx?ID=3>

- Recent Outreach
 - Geotechnical/Geoenvironmental Unit
 - Rail Unit
 - Environmental Policy Unit (EPU)
 - Environmental Coordination & Permitting (ECAP)
 - Roadway Design
 - Location & Surveys
 - Utilities Unit
 - Photogrammetry Unit