

# Delineated Streams, April 2025 Continuous Capture - NC Department of Transportation

File Geodatabase Feature Class



## Tags

Transportation, NCDOT, Environment, Location, North Carolina, ATLAS, NRTR, Natural Resources Technical Report, jurisdictional, streams

## Summary

This dataset was originally created in March 2020 and updated in September 2024 and April 2025 as part of the Project ATLAS initiative at NCDOT to support project delivery in the development phase. This dataset is a continuously updated compilation of preliminary jurisdictional streams identified during the creation of the Natural Resources Technical Report (NRTR) for transportation projects.

## Description

The Delineated Streams dataset is a polyline layer in a statewide GIS dataset for preliminary stream lines created from field delineations identified for the Natural Resources Technical Report (NRTR) process during project development for NCDOT. Polygons are generated from GPS points collected during field stream delineations. Delineations would need to be re-examined every 5 years as they expire. Data is gathered per transportation project and compiled into one statewide GIS dataset to be used for future transportation planning and project development. This dataset is continuously updated with new records as Natural Resources Technical Reports are completed per transportation project during environmental analysis and project development.

Datasets developed under Project ATLAS do not replace any Natural Resources Technical Report work for future projects and may not be used as a replacement for site visits / field surveys by licensed professionals and hence should be used only as a supporting platform for decision making. Use of this dataset for project scoping or screening is merely pre-decisional.

## Credits

Various consulting firms, contracted by NCDOT to conduct Natural Resources Technical Reports for transportation projects, contribute to this dataset. Additional contributors to this dataset are members of the NCDOT Environmental Analysis Unit. Support and maintenance of the enterprise spatial database where this data resides is handled by NCDOT's Transportation GIS Unit.

## Use limitations

The North Carolina Department of Transportation shall not be held liable for any errors in this data. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

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## Extent

**West** -83.868761 **East** -76.475968

**North** 36.521550 **South** 33.843766

## Scale Range

**Maximum (zoomed in)** 1:5,000

**Minimum (zoomed out)** 1:625,000

## ArcGIS Metadata ►

## Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE location, environment, transportation

\* CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS North Carolina

THESAURUS ►

TITLE User

PUBLICATION DATE 2025-04-01 00:00:00

CREATION DATE 2025-04-01 00:00:00

*Hide Thesaurus ▲*

THEME KEYWORDS Transportation, NCDOT, Environment, Location, North Carolina, ATLAS, NRTR, Natural Resources Technical Report, jurisdictional, streams

THESAURUS ►

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*Hide Thesaurus ▲*

*Hide Topics and Keywords ▲*

## Citation ►

TITLE Delineated Streams, April 2025 Continuous Capture - NC Department of Transportation

PUBLICATION DATE 2025-04-01 00:00:00

CREATION DATE 2025-04-01 00:00:00

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

*Hide Citation ▲*

## Citation Contacts ►

RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE    resource provider

CONTACT INFORMATION ▶

PHONE

VOICE    919-707-6146

ADDRESS

TYPE    physical

DELIVERY POINT    Century Center Building B, 1020 Birch Ridge Drive

CITY    Raleigh

ADMINISTRATIVE AREA    NC

POSTAL CODE    27610

COUNTRY    US

E-MAIL ADDRESS    [ATLAS@ncdot.gov](mailto:ATLAS@ncdot.gov)

HOURS OF SERVICE

9:00am – 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions or comments regarding the ATLAS Data Search Tool, ATLAS Screening Tool or ATLAS Workbench. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

*[Hide Contact information ▲](#)*

RESPONSIBLE PARTY

ORGANIZATION'S NAME    North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION    Environmental Program Consultant

CONTACT'S ROLE    point of contact

CONTACT INFORMATION ▶

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CONTACT'S POSITION    Environmental Program Consultant

CONTACT'S ROLE    originator

## CONTACT INFORMATION ►

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[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

## Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going

SPATIAL REPRESENTATION TYPE vector

\* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

### CREDITS

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[Hide Resource Details ▲](#)

## Extents ►

### EXTENT

#### DESCRIPTION

Temporal extent is ongoing. Data collection will continue indefinitely.

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

WEST LONGITUDE -84.422111

EAST LONGITUDE -75.416034

SOUTH LATITUDE 33.730557

NORTH LATITUDE 36.617257

#### TEMPORAL EXTENT

BEGINNING DATE 2025-04-01 00:00:00

ENDING DATE 2025-04-01 00:00:00

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE    Extent used for searching

\* WEST LONGITUDE    -83.868761

\* EAST LONGITUDE    -76.475968

\* NORTH LATITUDE    36.521550

\* SOUTH LATITUDE    33.843766

\* EXTENT CONTAINS THE RESOURCE    Yes

##### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE    567986.945813

\* EAST LONGITUDE    2741939.691074

\* SOUTH LATITUDE    68156.601414

\* NORTH LATITUDE    1008776.498386

\* EXTENT CONTAINS THE RESOURCE    Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

#### POINT OF CONTACT

ORGANIZATION'S NAME    North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION    Environmental Program Consultant

CONTACT'S ROLE    originator

#### CONTACT INFORMATION ►

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[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

#### RESOURCE MAINTENANCE

UPDATE FREQUENCY    continual

SCOPE OF THE UPDATES    dataset

##### MAINTENANCE CONTACT

ORGANIZATION'S NAME    North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION    Environmental Program Consultant

CONTACT'S ROLE    originator

CONTACT INFORMATION    ►

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*Hide Contact information ▲*

*Hide Resource Maintenance ▲*

## Resource Constraints    ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION    unclassified

CLASSIFICATION SYSTEM    None

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[Hide Resource Constraints](#) ▲

## Spatial Reference ►

### ARCGIS COORDINATE SYSTEM

- \* TYPE Projected
- \* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983
- \* PROJECTION NAD\_1983\_StatePlane\_North\_Carolina\_FIPS\_3200\_Feet
- \* COORDINATE REFERENCE DETAILS

#### PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102719  
X ORIGIN -121841900  
Y ORIGIN -93659000  
XY SCALE 3048.0060960121928  
Z ORIGIN -100000  
Z SCALE 10000  
M ORIGIN -100000  
M SCALE 10000  
XY TOLERANCE 0.0032808333333333331  
Z TOLERANCE 0.001  
M TOLERANCE 0.001  
HIGH PRECISION true  
LATEST WELL-KNOWN IDENTIFIER 2264

#### WELL-KNOWN TEXT

PROJCS["NAD\_1983\_StatePlane\_North\_Carolina\_FIPS\_3200\_Feet",GEOGCS["GCS\_North\_American\_1983",DATUM["D\_North\_American\_1983",SPHEROID["GRS\_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert\_Conformal\_Conic"],PARAMETER["False\_Easting",2000000.002616666],PARAMETER["False\_Northing",0.0],PARAMETER["Central\_Meridian",-79.0],PARAMETER["Standard\_Parallel\_1",34.33333333333334],PARAMETER["Standard\_Parallel\_2",36.16666666666666],PARAMETER["Latitude\_Of\_Origin",33.75],UNIT["Foot\_US",0.3048006096012192],AUTHORITY["EPSG",2264]]

### REFERENCE SYSTEM IDENTIFIER

- VALUE 2264
- \* CODESPACE EPSG
  - \* VERSION 6.12(9.0.0)

[Hide Spatial Reference](#) ▲

## Spatial Data Properties ►

### VECTOR ►

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

#### GEOMETRIC OBJECTS

FEATURE CLASS NAME DelineatedStreams  
\* OBJECT TYPE composite  
\* OBJECT COUNT 2305

[Hide Vector](#) ▲

### ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME DelineatedStreams

- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Polyline
- \* HAS TOPOLOGY FALSE
- \* FEATURE COUNT 2305
- \* SPATIAL INDEX TRUE
- \* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

## Data Quality ►

SCOPE OF QUALITY INFORMATION ►

RESOURCE LEVEL dataset

[Hide Scope of quality information ▲](#)

DATA QUALITY REPORT - FORMAL CONSISTENCY ►

MEASURE NAME Data Standards

MEASURE DESCRIPTION

Completeness, consistency, positional and attribute accuracy are solely dependent upon entities contributing to this dataset. The NCDOT ATLAS Workbench application performs quality control checks on data coming into the enterprise database ensuring that schema is consistent. Checks are made for file name, attribute names, attribute types, attribute length/scale/precision, project number of the feature class vs the values in the ProjNumber field, and date.

EVALUATION METHOD

Data submitted to the ATLAS gateway through the Workbench tool must follow standards outlined in the ATLAS Standards Document.

CONFORMANCE TEST RESULTS

TEST PASSED Yes

RESULT EXPLANATION

The ATLAS Workbench has a validation tool that checks every dataset being uploaded to the SDE Database and rejects any that do not follow the ATLAS Standards Document.

PRODUCT SPECIFICATION ►

TITLE ATLAS Standards Document

PUBLICATION DATE 2025-04-01 00:00:00

CREATION DATE 2025-04-01 00:00:00

RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE originator

CONTACT INFORMATION ►

PHONE

VOICE 919-707-6146

ADDRESS



**TYPE****DELIVERY POINT** Century Center Building B, 1020 Birch Ridge Drive**CITY** Raleigh**ADMINISTRATIVE AREA** NC**POSTAL CODE** 27610**COUNTRY** US**E-MAIL ADDRESS** [ATLAS@ncdot.gov](mailto:ATLAS@ncdot.gov)**HOURS OF SERVICE**

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[Hide Contact information ▲](#)[Hide Product specification ▲](#)[Hide Data quality report - Formal consistency ▲](#)[Hide Data Quality ▲](#)

## Lineage ►

**LINEAGE STATEMENT**

Records for this dataset are collected and added as Natural Resources and their associated geospatial data are delivered via the NCDOT ATLAS Workbench web application. When a project team, hired to complete a Natural Resources Technical Report for a particular project, uploads their Natural Resources geospatial data into the ATLAS Workbench application, that data is QA/QC'd to ensure schema consistency and if schema is correct that data is appended to the DelineatedStreams dataset in the ATLAS SDE. That data is then published as a REST service to be used by web mapping applications.

October 2021 update: This layer is the result of merging PotJurisStreamsWET and PotJurisStreamsWEX layers.

June 2022 update: This layer was renamed to PrelimJurisStreams

September 2024 update: This layer was renamed Delineated Streams. Parts of the Description was updated.

**PROCESS STEP ►****DESCRIPTION**

Delineated Streams are collected by various contractors conducting field work as part of Natural Resources Technical Report preparation for transportation projects. Field staff use mapping-grade GPS units to record observations. GPS units should be loaded with the appropriate data dictionary files (.ddf) from NCDOT if they are available for the type of data being collected.

**PROCESS CONTACT****ORGANIZATION'S NAME** North Carolina Department of Transportation - EAU Mitigation and Modeling Unit**CONTACT'S POSITION** Environmental Program Consultant**CONTACT'S ROLE** originator

CONTACT INFORMATION ►

PHONE

VOICE 919-707-6146

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►

DESCRIPTION

The zip shapefile is placed on SharePoint in the ATLAS folder under the appropriate project number and discipline folder.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE originator

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►

DESCRIPTION

If the data does not pass validation then user receives feedback to upload corrected dataset.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit  
CONTACT'S POSITION Environmental Program Consultant  
CONTACT'S ROLE originator

CONTACT INFORMATION ►

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►

DESCRIPTION

Contractors refer to Standards Document and copy out the DelineatedStreams template shapefile. The data collected offsite is compiled into this template and zipped up on the contractor's local machine.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit  
CONTACT'S POSITION Environmental Program Consultant  
CONTACT'S ROLE originator

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#### PROCESS STEP ►

##### DESCRIPTION

The contractor then signs on to the SharePoint Connect site and navigates to the appropriate project and then over to the ATLAS Workbench and the appropriate discipline. In this case it is Natural Resources. The data is then uploaded via the Workbench tool by the contractor for validation of the data.

#### PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE originator

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[Hide Process step ▲](#)

PROCESS STEP ►

DESCRIPTION

QA/QC is conducted on the uploaded data by the ATLAS validation tool, which checks for filename, schema and geometry. If the data passes validation then it is appended to DelineatedStreams into Edit SDE. The tool writes the URL for the layer to the Edit SDE in the DOC\_URL field. Edit SDE is replicated to Pub SDE. Data is now visible as a web service layer.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE originator

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[Hide Process step ▲](#)

[Hide Lineage ▲](#)

## Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE distributor

CONTACT INFORMATION ►

PHONE

VOICE 919-707-6146

#### ADDRESS

TYPE physical

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[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

#### DISTRIBUTION FORMAT

\* NAME File Geodatabase Feature Class

VERSION 10.5

[Hide Distribution ▲](#)

## Fields ►

#### DETAILS FOR OBJECT [DelineatedStreams](#) ►

\* TYPE Feature Class

\* ROW COUNT 2305

#### DEFINITION

Stream lines created from field delineations.

#### DEFINITION SOURCE

NCDOT

#### FIELD [OBJECTID](#) ►

\* ALIAS OBJECTID

\* DATA TYPE OID

\* WIDTH 4

\* PRECISION 0

\* SCALE 0

#### \* FIELD DESCRIPTION

Internal feature number.

#### \* DESCRIPTION SOURCE

Esri

#### \* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field OBJECTID ▲](#)

FIELD Shape ▶

- \* ALIAS Shape
- \* DATA TYPE Geometry
- \* WIDTH 0
- \* PRECISION 0
- \* SCALE 0
- \* FIELD DESCRIPTION  
Feature geometry.
- \* DESCRIPTION SOURCE  
Esri
- \* DESCRIPTION OF VALUES  
Coordinates defining the features.

*Hide Field Shape ▲*

FIELD ProjNumber ▶

- ALIAS ProjectNumber
- \* DATA TYPE String
- \* WIDTH 254
- \* PRECISION 0
- \* SCALE 0
- FIELD DESCRIPTION  
DOT Project Number (TIP etc.) from Sharepoint
- DESCRIPTION SOURCE  
NCDOT
- LIST OF VALUES
  - VALUE Free Text
  - DESCRIPTION DOT Project Number
  - ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

*Hide Field ProjNumber ▲*

FIELD DateCreate ▶

- ALIAS DateCreated
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0
- FIELD DESCRIPTION  
Date shapefile was compiled
- DESCRIPTION SOURCE  
NCDOT
- RANGE OF VALUES
  - MINIMUM VALUE 2019
  - MAXIMUM VALUE 3000

*Hide Field DateCreate ▲*

FIELD ContName ►

ALIAS ContractorName

\* DATA TYPE String

\* WIDTH 254

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Internal Field for name of Contractor that collected and produced the data. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be overwritten.

DESCRIPTION SOURCE

NCDOT

BEGINNING DATE OF VALUES 2020-02-01

*Hide Field ContName ▲*

FIELD RptName ►

ALIAS ReportName

\* DATA TYPE String

\* WIDTH 254

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Report name associated with the shapefile.

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE Free Text

DESCRIPTION Report name associated with the shapefile.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

*Hide Field RptName ▲*

FIELD Notes ►

\* ALIAS Notes

\* DATA TYPE String

\* WIDTH 254

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

User notes

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE Free Text

DESCRIPTION User notes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

*Hide Field Notes ▲*



FIELD MapID ►

\* ALIAS MapID  
\* DATA TYPE String  
\* WIDTH 20  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

ID used in the NRTR map

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE Free Text

DESCRIPTION Map ID used in the NRTR

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

*Hide Field MapID ▲*

FIELD Type ►

\* ALIAS Type  
\* DATA TYPE String  
\* WIDTH 100  
\* PRECISION 0  
\* SCALE 0

FIELD DESCRIPTION

Classification (NCSAM)

DESCRIPTION SOURCE

NCDOT Environmental Analysis Unit

LIST OF VALUES

VALUE Oa1

DESCRIPTION Oa1

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Oa2

DESCRIPTION Oa2

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Oa3

DESCRIPTION Oa3

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Oa4

DESCRIPTION Oa4

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Ia1

DESCRIPTION Ia1

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Ia2

DESCRIPTION Ia2

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Ia3

DESCRIPTION Ia3  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Ia4  
DESCRIPTION Ia4  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Ib1  
DESCRIPTION Ib1  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Ib2  
DESCRIPTION Ib2  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Ib3  
DESCRIPTION Ib3  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Ib4  
DESCRIPTION Ib4  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Pa1  
DESCRIPTION Pa1  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Pa2  
DESCRIPTION Pa2  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Pa3  
DESCRIPTION Pa3  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Pa4  
DESCRIPTION Pa4  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Pb1  
DESCRIPTION Pb1  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Pb2  
DESCRIPTION Pb2  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Pb3  
DESCRIPTION Pb3  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Pb4  
DESCRIPTION Pb4  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Ma1  
DESCRIPTION Ma1  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE Ma2  
DESCRIPTION Ma2  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCSAM

VALUE	Ma3	
DESCRIPTION	Ma3	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE		NCSAM
VALUE	Ma4	
DESCRIPTION	Ma4	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE		NCSAM
VALUE	Mb1	
DESCRIPTION	Mb1	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE		NCSAM
VALUE	Mb2	
DESCRIPTION	Mb2	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE		NCSAM
VALUE	Mb3	
DESCRIPTION	Mb3	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE		NCSAM
VALUE	Mb4	
DESCRIPTION	Mb4	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE		NCSAM
VALUE	TM	
DESCRIPTION	TM	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE		NCSAM

Hide Field Type ▲

FIELD Rating ►

- \* ALIAS Rating
- \* DATA TYPE String
- \* WIDTH 20
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION  
Rating (NCSAM)

DESCRIPTION SOURCE  
NCDOT Environmental Analysis Unit

LIST OF VALUES		
VALUE	High	
DESCRIPTION	High	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE		NCSAM
VALUE	Medium	
DESCRIPTION	Medium	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE		NCSAM
VALUE	Low	
DESCRIPTION	Low	
ENUMERATED DOMAIN VALUE DEFINITION SOURCE		NCSAM

Hide Field Rating ▲

FIELD **HydroClass** ▶

- \* ALIAS HydroClass
- \* DATA TYPE String
- \* WIDTH 20
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Hydrological classification

DESCRIPTION SOURCE

NCDOT Environmental Analysis Unit

LIST OF VALUES

VALUE Riparian

DESCRIPTION Riparian

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Non-Riparian

DESCRIPTION Non-Riparian

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

*Hide Field HydroClass ▲*

FIELD **FromDate** ▶

- \* ALIAS FromDate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Internal Field for start of validity of data. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be overwritten.

DESCRIPTION SOURCE

NCDOT

BEGINNING DATE OF VALUES 2020-02-01

*Hide Field FromDate ▲*

FIELD **DocURL** ▶

- \* ALIAS DocURL
- \* DATA TYPE String
- \* WIDTH 254
- \* PRECISION 0
- \* SCALE 0

*Hide Field DocURL ▲*

FIELD **ToDate** ▶

- \* ALIAS ToDate
- \* DATA TYPE Date
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

Internal Field for end of validity of data. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be overwritten.

DESCRIPTION SOURCE  
NCDOT

BEGINNING DATE OF VALUES 2020-02-01

[Hide Field ToDate ▲](#)

FIELD [SPProjID ▶](#)

\* ALIAS SharePointProjectID

\* DATA TYPE String

\* WIDTH 254

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Internal Field for SharePoint Project ID. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be overwritten.

DESCRIPTION SOURCE  
NCDOT

BEGINNING DATE OF VALUES 2020-02-01

[Hide Field SPProjID ▲](#)

FIELD [Shape\\_Length ▶](#)

\* ALIAS Shape\_Length

\* DATA TYPE Double

\* WIDTH 8

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Length of feature in internal units.

\* DESCRIPTION SOURCE  
Esri

\* DESCRIPTION OF VALUES  
Positive real numbers that are automatically generated.

[Hide Field Shape\\_Length ▲](#)

FIELD [ProjURL ▶](#)

\* ALIAS ProjectURL

\* DATA TYPE String

\* WIDTH 254

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Internal Field for Sharepoint folder location URL. This field is automatically populated by an ATLAS script and is for internal use only. Any data entered into this field will be overwritten.

DESCRIPTION SOURCE  
NCDOT

*Hide Field ProjURL ▲*

FIELD GlobalID ▶  
\* ALIAS GlobalID  
\* DATA TYPE GlobalID  
\* WIDTH 38  
\* PRECISION 0  
\* SCALE 0

*Hide Field GlobalID ▲*

*Hide Details for object DelineatedStreams ▲*

*Hide Fields ▲*

Metadata Details ▶

METADATA LANGUAGE English (UNITED STATES)  
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset  
SCOPE NAME \* dataset

\* LAST UPDATE 2025-12-08

ARCGIS METADATA PROPERTIES  
METADATA FORMAT ArcGIS 1.0  
METADATA STYLE ISO 19139 Metadata Implementation Specification  
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2025-10-30 23:14:28  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2025-12-08 17:07:29

AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes  
LAST UPDATE 2025-12-08 17:07:29

*Hide Metadata Details ▲*

Metadata Contacts ▶

METADATA CONTACT  
ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit  
CONTACT'S POSITION Environmental Program Consultant  
CONTACT'S ROLE point of contact

CONTACT INFORMATION ▶  
PHONE  
VOICE 919-707-6146

ADDRESS  
TYPE physical

DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive  
CITY Raleigh  
ADMINISTRATIVE AREA NC  
POSTAL CODE 27610  
COUNTRY US  
E-MAIL ADDRESS [ATLAS@ncdot.gov](mailto:ATLAS@ncdot.gov)

HOURS OF SERVICE

9:00am – 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions or comments regarding the ATLAS Data Search Tool, ATLAS Screening Tool or ATLAS Workbench. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

## Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY as needed

MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit  
CONTACT'S POSITION Environmental Program Consultant  
CONTACT'S ROLE originator

CONTACT INFORMATION ►

PHONE

VOICE 919-707-6146

ADDRESS

TYPE physical

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27610

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[Hide Metadata Maintenance ▲](#)

## Metadata Constraints ►

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

#### LIMITATIONS OF USE

The North Carolina Department of Transportation shall not be held liable for any errors in this metadata. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data. Datasets developed under Project ATLAS do not replace any Natural Resources Technical Report work for future projects and may not be used as a replacement for site visits / field surveys by licensed professionals and hence should be used only as a supporting platform for decision making. Use of this dataset for project scoping or screening is merely pre-decisional.

#### CONSTRAINTS

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[Hide Metadata Constraints ▲](#)