

# NC Reference Wetlands Assessment Model (WAM) Sites, December 2020 - NC Department of Transportation

## File Geodatabase Feature Class



### Tags

North Carolina Wetland Assessment Method, NC WAM, Wetlands, Wetland Functional Assessment, Reference Wetlands, High Quality Wetlands, Typical Wetlands, Transportation, NCDOT, Environment, Location, North Carolina, ATLAS

### Summary

This dataset was originally created in November 2019 as part of the Project ATLAS initiative at NCDOT to support the Sweeping Environmental Group with project delivery in the development phase.

This dataset of NC WAM reference wetlands represents a geographically disperse collection of wetlands that have been identified as being typical, representative, or common examples of various wetland types that are without, or are removed in time from, substantial human disturbance. Some high-quality wetlands are included that are either proximate to a reference wetland and/or typical of a wetland type that does not have a reference. All wetland sites identified are publicly accessible, include safe parking, easy foot access, and are suitable for groups.

### Description

The NC Reference Wetlands Assessment Model (WAM) Sites dataset is a statewide point layer depicting wetlands that have been identified to be examples of wetlands that typically are not disturbed by humans. The reference wetland database geodatabase (GDB) contains a point feature class of 164 wetland sites. The point feature class contains the following attributes (described below):

Each wetland site is also linked to supporting documentation that contains

- Site Description (pdf),
- NC WAM Wetland Field Assessment Form and Results (pdf),
- Site location on topographic mapping (pdf),
- Site location on soils mapping (pdf),
- Site location on LiDAR mapping (pdf),
- Site photograph (jpg),
- When appropriate, park maps showing approximate wetland locations.

The purpose of NC WAM is to provide the public and private sectors with an accurate, consistent, rapid, observational, and scientifically based field method to determine the level of a function of a wetland relative to a reference condition (when appropriate). Wetland functional assessment can play roles in alternative selections and wetland impact mitigation cost.

The NCDOT supported the creation of the NC Wetland Assessment Method (NC WAM) and continues support of NC WAM classes to train agency personnel and consultants in the appropriate use of NC WAM for the assessment of wetland function. As a part of NC WAM classes, participants visit local reference and non-reference wetland sites. This database expands on the accumulating set of reference and typical wetland sites with the goal of making them available for continued reference.

Datasets developed under Project ATLAS do not replace any Sweeping Environmental field 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

The ATLAS Sweeping Environmental Group within NCDOT was tasked to create this dataset. This dataset supports the production of the NRTR.

Annual maintenance of this dataset is handled by the Sweeping Environmental Group. Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT'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** -82.990834    **East** -75.622457  
**North** 36.459669    **South** 33.901173

### 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    oceans, biota, boundaries, location, transportation, environment

\* CONTENT TYPE    Downloadable Data  
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION    No

PLACE KEYWORDS    North Carolina

### THESAURUS ►

TITLE    User  
CREATION DATE    2019-11-19 00:00:00  
PUBLICATION DATE    2020-12-01 00:00:00

*Hide Thesaurus ▲*

**THEME KEYWORDS** North Carolina Wetland Assessment Method, NC WAM, Wetlands, Wetland Functional Assessment, Reference Wetlands, High Quality Wetlands, Typical Wetlands, Transportation, NCDOT, Environment, Location, North Carolina, ATLAS, North Carolina

**THESAURUS** ▶

**TITLE** User

**CREATION DATE** 2019-11-19 00:00:00

**PUBLICATION DATE** 2020-12-01 00:00:00

*Hide Thesaurus* ▲

*Hide Topics and Keywords* ▲

**Citation** ▶

**TITLE** NC Reference Wetlands Assessment Model (WAM) Sites, December 2020 - NC Department of Transportation

**CREATION DATE** 2019-11-19 00:00:00

**PUBLICATION DATE** 2020-12-01 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 - Sweeping Environmental Group

**CONTACT'S POSITION** Environmental Program Consultant

**CONTACT'S ROLE** originator

**CONTACT INFORMATION** ▶

**PHONE**

**VOICE** 919-707-6136

**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**

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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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 ►

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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 completed  
SPATIAL REPRESENTATION TYPE vector

#### SUPPLEMENTAL INFORMATION

Critical habitat includes all of the river along the specified segment, from the ordinary high water mark of one riverbank to the ordinary high water mark of the opposing riverbank of the mainstem river. For clarification of the critical habitat definition, please refer to the maps and narrative descriptions in the CFR.

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

#### CREDITS

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[Hide Resource Details ▲](#)

## Extents ►

#### EXTENT

##### DESCRIPTION

Data collection is complete.

##### GEOGRAPHIC EXTENT

###### BOUNDING RECTANGLE

WEST LONGITUDE -84.422111

EAST LONGITUDE -75.416034

SOUTH LATITUDE 33.730557

NORTH LATITUDE 36.617257

EXTENT CONTAINS THE RESOURCE Yes

##### TEMPORAL EXTENT

BEGINNING DATE 2019-11-19 00:00:00

ENDING DATE 2019-11-19 00:00:00

#### EXTENT

##### GEOGRAPHIC EXTENT

###### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -82.990834

\* EAST LONGITUDE -75.622457

\* NORTH LATITUDE 36.459669

\* SOUTH LATITUDE 33.901173

\* EXTENT CONTAINS THE RESOURCE Yes

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

\* WEST LONGITUDE 825608.070661

\* EAST LONGITUDE 2993765.513537

\* SOUTH LATITUDE 77920.475259

\* NORTH LATITUDE 986245.347582

\* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

## Resource Points of Contact ►

#### POINT OF CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - Sweeping Environmental Group  
CONTACT'S POSITION Environmental Program Consultant  
CONTACT'S ROLE originator

#### CONTACT INFORMATION ►

##### PHONE

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[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

## Resource Maintenance ►

#### RESOURCE MAINTENANCE

UPDATE FREQUENCY annually

SCOPE OF THE UPDATES dataset

#### OTHER MAINTENANCE REQUIREMENTS

Annual maintenance of this dataset is handled by the Sweeping Environmental Group. Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT's Transportation GIS Unit.

#### MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - Sweeping Environmental Group  
CONTACT'S POSITION Environmental Program Consultant  
CONTACT'S ROLE originator

#### CONTACT INFORMATION ►

##### PHONE

VOICE 919-707-6136

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[Hide Resource Maintenance ▲](#)

## Resource Constraints ►

### LEGAL CONSTRAINTS

#### LIMITATIONS OF USE

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### SECURITY CONSTRAINTS

CLASSIFICATION unclassified  
CLASSIFICATION SYSTEM None

#### LIMITATIONS OF USE

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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 NRefWAMSites  
\* OBJECT TYPE point  
\* OBJECT COUNT 164

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NRefWAMSites  
\* FEATURE TYPE Simple  
\* GEOMETRY TYPE Point  
\* HAS TOPOLOGY FALSE  
\* FEATURE COUNT 164  
\* 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 - COMPLETENESS OMISSION ▶

MEASURE DESCRIPTION

After processing, the dataset is checked for drawing display and number of records and file sizes compared with source materials.

CONFORMANCE TEST RESULTS

TEST PASSED **Yes**

RESULT EXPLANATION

**Pass**

PRODUCT SPECIFICATION ▶

TITLE **NCDOT Geospatial Data Specifications**

CREATION DATE **2019-11-19 00:00:00**

PUBLICATION DATE **2020-12-01 00:00:00**

*Hide Product specification ▲*

*Hide Data quality report - Completeness omission ▲*

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ▶

MEASURE DESCRIPTION

The dataset is converted to file geodatabase (FGDB) format using tools in ArcGIS. The geometry is checked, and if needed repaired.

CONFORMANCE TEST RESULTS

TEST PASSED **Yes**

RESULT EXPLANATION

**Pass**

PRODUCT SPECIFICATION ▶

TITLE **NCDOT Geospatial Data Specifications**

CREATION DATE **2019-11-19 00:00:00**

PUBLICATION DATE **2020-12-01 00:00:00**

*Hide Product specification ▲*

*Hide Data quality report - Conceptual consistency ▲*

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ▶

MEASURE DESCRIPTION

Geometry checks were conducted using ESRI's Data Reviewer tool.

CONFORMANCE TEST RESULTS

TEST PASSED Yes

RESULT EXPLANATION

Pass

PRODUCT SPECIFICATION ▶

TITLE NCDOT Geospatial Data Specifications

CREATION DATE 2019-12-02 00:00:00

PUBLICATION DATE 2020-12-01 00:00:00

[Hide Product specification ▲](#)

[Hide Data quality report - Quantitative attribute accuracy ▲](#)

[Hide Data Quality ▲](#)

## Lineage ▶

LINEAGE STATEMENT

This dataset was produced by field visits and rating wetlands.

PROCESS STEP ▶

DESCRIPTION

Wetland sites were visited by a team of NC WAM instructors to collect field information i. NC WAM Field Assessment Form (FAF), ii. Site description, iii. Site photographs iv. GPS-located position

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - Sweeping Environmental Group

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE originator

CONTACT INFORMATION ▶

PHONE

VOICE 919-707-6136

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

#### PROCESS STEP ► DESCRIPTION

Geodatabase was forwarded on to the GIS Unit for publishing as part of data for project ATLAS.

#### 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

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

#### PROCESS STEP ► DESCRIPTION

Point data was reviewed in ESRI's Data Reviewer tool to verify geometry. Overlapping geometries in the dataset were found and corrected.

#### 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 919-707-6136

ADDRESS

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DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►

DESCRIPTION

The Field Assessment Form (FAF) was processed to produce wetland rating results.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - Sweeping Environmental Group

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE originator

CONTACT INFORMATION ►

PHONE

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►

DESCRIPTION

Sub-meter GPS points were processed, and locations verified by field team.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - Sweeping Environmental Group

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE originator

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PROCESS STEP ►

DESCRIPTION

Supporting figures were generated for each wetland site using ArcGIS: i. General site topography using USGS 7.5-minute topographic quadrangle backgrounds, ii. Site soils identifying Natural Resource Conservation Service (NRCS) soils, iii. Detailed site topography using QL2 or better LiDAR. e. When wetland sites fall within public park boundaries, wetland locations were identified on park maps and included. f. Wetland point features were linked to appropriate attachments in ArcPro with a Match Table.

PROCESS CONTACT

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[Hide Contact information ▲](#)

[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 919-707-6136

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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 [NCRefWAMsites ►](#)

\* TYPE Feature Class  
\* ROW COUNT 164

DEFINITION

Geographically disperse collection of wetlands that have been identified as being typical of various wetland types that are without substantial human disturbance.

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 [Region ▶](#)

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

FIELD DESCRIPTION

General Locality of Wetland

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE Charlotte

DESCRIPTION Charlotte

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Embayed

DESCRIPTION Embayed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Greenville, Washington

DESCRIPTION Greenville, Washington

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Northern Mountains

DESCRIPTION Northern Mountains

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Sandhills, Carolina Bays

DESCRIPTION Sandhills, Carolina Bays

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Southern Mountains

DESCRIPTION Southern Mountains

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Triad

DESCRIPTION Triad

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Triangle

DESCRIPTION Triangle

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Wilmington

DESCRIPTION Wilmington

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

[Hide Field Region ▲](#)

FIELD [County ▶](#)



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

FIELD DESCRIPTION  
County Name

DESCRIPTION SOURCE  
NCDOT

[Hide Field County ▲](#)

FIELD Reference ►

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

FIELD DESCRIPTION  
Reference Wetland Status

DESCRIPTION SOURCE  
NCDOT

LIST OF VALUES

VALUE Yes

DESCRIPTION Reference Wetland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE No

DESCRIPTION Non-reference Wetland

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

[Hide Field Reference ▲](#)

FIELD Latitude ►

- \* ALIAS Latitude
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION  
Latitude

DESCRIPTION SOURCE  
NCDOT

[Hide Field Latitude ▲](#)

FIELD Longitude ►

- \* ALIAS Longitude
- \* DATA TYPE Double
- \* WIDTH 8
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

## Longitude

DESCRIPTION SOURCE  
NCDOT

[Hide Field Longitude ▲](#)

## FIELD WetType ►

- \* ALIAS Wetland Type
- \* DATA TYPE String
- \* WIDTH 255
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION  
NCWAM Wetland Type Identified

DESCRIPTION SOURCE  
NCDOT

### LIST OF VALUES

VALUE Basin Wetland  
DESCRIPTION Basin Wetland  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Bog  
DESCRIPTION Bog  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Bottomland Hardwood Forest  
DESCRIPTION Bottomland Hardwood Forest  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Estuarine Woody Wetland  
DESCRIPTION Estuarine Woody Wetland  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Floodplain Pool  
DESCRIPTION Floodplain Pool  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Hardwood Flat  
DESCRIPTION Hardwood Flat  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Headwater Forest  
DESCRIPTION Headwater Forest  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Non-Riverine Swamp Forest  
DESCRIPTION Non-Riverine Swamp Forest  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Non-Tidal Freshwater Marsh  
DESCRIPTION Non-Tidal Freshwater Marsh  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Pine Flat  
DESCRIPTION Pine Flat  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Pine Savana  
DESCRIPTION Pine Savana  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Pocosin  
DESCRIPTION Pocosin  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Riverine Swamp Forest  
DESCRIPTION Riverine Swamp Forest  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Salt/Brakish Marsh  
DESCRIPTION Salt/Brakish Marsh  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Seep  
DESCRIPTION Seep  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Tidal Freshwater Marsh  
DESCRIPTION Tidal Freshwater Marsh  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

*Hide Field WetType ▲*

FIELD WetCat ►

- \* ALIAS Wetland Category
- \* DATA TYPE String
- \* WIDTH 255
- \* PRECISION 0
- \* SCALE 0

FIELD DESCRIPTION

NCWAM Wetland Category

DESCRIPTION SOURCE

NCDOT

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

VALUE Estuarine  
DESCRIPTION Estuarine  
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

*Hide Field WetCat ▲*

FIELD L3E ►

- \* ALIAS Level III Ecoregion
- \* DATA TYPE String
- \* WIDTH 255
- \* PRECISION 0

\* SCALE 0  
FIELD DESCRIPTION  
Level III Ecoregion

DESCRIPTION SOURCE  
NCDOT

[Hide Field L3E ▲](#)

FIELD L4E ►  
\* ALIAS Level IV Ecoregion  
\* DATA TYPE String  
\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION  
Level IV Ecoregion

DESCRIPTION SOURCE  
NCDOT

[Hide Field L4E ▲](#)

FIELD SiteName ►  
\* ALIAS Site Name  
\* DATA TYPE String  
\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION  
Full Site Name and Wetland Type

DESCRIPTION SOURCE  
NCDOT

[Hide Field SiteName ▲](#)

FIELD SiteCode ►  
\* ALIAS Site Code  
\* DATA TYPE String  
\* WIDTH 255  
\* PRECISION 0  
\* SCALE 0  
FIELD DESCRIPTION  
Name abbreviated and coded to match supporting documents

DESCRIPTION SOURCE  
NCDOT

[Hide Field SiteCode ▲](#)

[Hide Details for object NRefWAMSites ▲](#)

[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 2024-02-09

ARCGIS METADATA PROPERTIES  
METADATA FORMAT ArcGIS 1.0  
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2024-02-02 16:47:05  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2024-02-09 14:48:20

AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes  
LAST UPDATE 2024-02-09 14:48:20

[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 919-707-6136

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

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

OTHER MAINTENANCE REQUIREMENTS

Annual maintenance of this dataset is handled by the Sweeping Environmental Group. Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT's Transportation GIS Unit.

MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - Sweeping Environmental Group  
CONTACT'S POSITION Environmental Program Consultant  
CONTACT'S ROLE originator

CONTACT INFORMATION ►

PHONE

VOICE 919-707-6136

ADDRESS

TYPE

DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive

CITY Raleigh

ADMINISTRATIVE AREA NC

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*Hide Contact information ▲*

*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 Sweeping Environmental field 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.

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[Hide Metadata Constraints ▲](#)