

NC ATLAS Hydrography (Abridged) Version 1.4, December 2021 - NC Department of Transportation Geodatabase Feature Class



Tags

North Carolina, Hydrography, streams, rivers, waters, shorelines, lakes, ponds, Headwater Streams Spatial Dataset, HSSD, Quality Level 1/2 (QL1/2), Light Distance and Ranging (LiDAR), water quality, water classifications, Coastal Waters, Joint Waters, Inland Waters, Eastern Brook Trout Joint Venture, EBTJV, Hydrologic Units

Summary

This dataset was originally created in June 2019 and updated in December 2021 as part of the Project ATLAS initiative at NCDOT to support the Sweeping Environmental group with project delivery in the development phase. This dataset provides an understanding of the location and various regulatory considerations of water resources which is a critical part of transportation planning, and must be considered for all phases of planning, permitting, and construction activities.

Description

The ATLAS Hydrography Version 1.4 (Abridged) dataset is a statewide polyline layer depicting location and various regulatory considerations of water resources with respect to transportation planning. This is the abridged version of the ATLAS Hydrography layer containing lesser attribute data.

This data is current as of December 2021 and is not the officially adopted layer for the state of NC but supports NCDOT in the generation of following reports:

- General Planning,

- NRTR generation (location of water resources, name/index numbers of waters, water quality classifications, impaired waters, NCWRC trout waters, USACE stream habitat temperature, bald eagle habitat),

- Permitting (Section 10 permitting, Section 404 permitting, Section 401 permitting, Individual permitting, stream location, USACE jurisdiction, NC Division of Coastal Management (NCDCM) jurisdiction, water quality classifications).

Streams data are used in various other reports that the Sweeping Environmental group is not involved with, i.e., Protected Species modeling, NCDOT hydraulics studies etc.

Datasets developed under Project ATLAS do not replace any Sweeping Environmental group 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. Annual maintenance of this dataset is handled by the Sweeping Environmental group. The dataset supports the production of the following:

- General Planning,
- NRTR generation (location of water resources, name/index numbers of waters, water quality classifications, impaired waters, NCWRC trout waters, USACE stream habitat temperature, bald eagle habitat),
- Permitting (Section 10 permitting, Section 404 permitting, Section 401 permitting, Individual permitting, stream location, USACE jurisdiction, NC Division of Coastal Management (NCDCM) jurisdiction, water quality classifications).

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 -84.421600

East -75.416491

North 36.620015

South 33.700957

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:625,000

Topics and Keywords

Themes or categories of the resource Biota, Oceans, Environment, Transportation, Location, Inland Waters

Content type Downloadable Data

Export to FGDC CSDGM XML format as Resource Description No

Theme keywords North Carolina, Hydrography, streams, rivers, waters, shorelines, lakes, ponds, Headwater Streams Spatial Dataset, HSSD, Quality Level 1/2 (QL1/2), Light Distance and Ranging (LiDAR), water quality, water classifications, Coastal Waters, Joint Waters, Inland Waters, Eastern Brook Trout Joint Venture, EBTJV, Hydrologic Units, Biota, Environment, Location, Oceans, Transportation

Thesaurus

Title User

Creation date 2019-07-22 00:00:00

Publication date 2021-12-01 00:00:00

Place keywords North Carolina

Thesaurus

Title User

Creation date 2019-07-22 00:00:00

Publication date 2021-12-01 00:00:00

Citation

Title NC ATLAS Hydrography (Abridged) Version 1.4, December 2021 - NC Department of Transportation

Creation date 2019-07-22 00:00:00

Publication date 2021-12-01 00:00:00

Edition Version 1.3

Edition date 2020-04-30

Presentation formats digital map

FGDC geospatial presentation format vector digital data

Citation Contacts

Responsible party - resource provider

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Type physical

Delivery point 4101 Capital Boulevard

City Raleigh

Administrative area NC
Postal code 27604
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.

Responsible party - point of contact

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

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Responsible party - originator

Organization's name North Carolina Department of Transportation - Sweeping Environmental group

Contact's position Environmental Program Consultant

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Resource Details

Dataset languages English (UNITED STATES)

Dataset character set utf8 - 8 bit UCS Transfer Format

Status completed

Spatial representation type vector

Processing environment Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

Credits

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- General Planning,
- NRTR generation (location of water resources, name/index numbers of waters, water quality classifications, impaired waters, NCWRC trout waters, USACE stream habitat temperature, bald eagle habitat),
- Permitting (Section 10 permitting, Section 404 permitting, Section 401 permitting, Individual permitting, stream location, USACE jurisdiction, NC Division of Coastal Management (NCDCM) jurisdiction, water quality classifications).

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

Extents

Extent

Description

Data collection is complete.

Geographic extent

Bounding rectangle

West longitude -84.4216
East longitude -75.416491
South latitude 33.700957
North latitude 36.620015
Extent contains the resource Yes

Temporal extent

Beginning date 2021-12-01 00:00:00
Ending date 2021-12-01 00:00:00

Extent

Geographic extent

Bounding rectangle

Extent type Extent used for searching
West longitude -84.421600
East longitude -75.416491
North latitude 36.620015
South latitude 33.700957
Extent contains the resource Yes

Extent in the item's coordinate system

westBL 407037.415678
eastBL 3052308.812461
southBL 24189.308443
northBL 1044630.001810
exTypeCode Yes

Resource Points of Contact

Point of contact - originator

Organization's name North Carolina Department of Transportation - Sweeping
Environmental group

Contact's position Environmental Program Consultant

Contact information

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Voice 919-707-6136

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Delivery point 4101 Capital Boulevard
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Resource Maintenance

Resource maintenance

Update frequency annually

Scope of the updates dataset

Other maintenance requirements

Annual maintenance of this dataset is handled by the State Wide Expansive Environmental Program (SWEEP) group. Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT's Transportation GIS Unit. Updates to LiDAR-derived waters and shorelines are expected to be captured yearly through the regular 5-phase collection cycle. Improvements to models should be incorporated regularly as they are developed.

Maintenance contact - originator

Organization's name North Carolina Department of Transportation - Sweeping Environmental group

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

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Resource Constraints

Legal constraints

Limitations of use

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Security constraints

Classification unclassified

Classification system None

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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

ProjectedCoordinateSystem

WKID 102719

XOrigin -121841900

Resource level dataset

Data quality report - Completeness omission

Data quality measure reference

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 2019-07-22 00:00:00

Publication date 2021-12-01 00:00:00

Data quality report - Conceptual consistency

Data quality measure reference

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 2019-07-22 00:00:00

Publication date 2021-12-01 00:00:00

Data quality report - Quantitative attribute accuracy

Data quality measure reference

Measure description

A visual quality control (QC) check was performed to ensure that no HSSD stream line segments flow in and out of open water areas multiple times. The HU10 data was then combined into HU8 level datasets and checked for connectivity at HU8 boundaries (edge-matching). Topology checks were run to ensure there were no overlaps or discontinuities within the streams dataset or in the separate Artificial Paths dataset. 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 2019-07-22 00:00:00

Publication date 2021-12-01 00:00:00

Lineage

Lineage statement

ATLAS Hydrography utilizes three sets of source data: *Hydrographic break lines generated derived from the Quality Level (QL) 1/QL2 Light Distance and Ranging (LiDAR) data collected by the NC Department of Emergency Management (NC EM),
*NC Floodplain Mapping Program (NCFMP) data,
*and Headwater Streams Spatial Dataset (HSSD) linework.

For the purposes of ATLAS, FMP terrain data was incorporated into the HSSD model process to produce a seamless approximation of NCFMP hydrography combined with the HSSD. HSSD/NCFMP-sourced stream reaches were intersected with the hydrographic break lines dataset (double line streams greater than 200 feet in width and waterbodies greater than 2 acres) derived from the QL1/QL2 LiDAR to remove the HSSD stream line segments inside open waters. These HSSD stream segments were clipped and exported to a separate dataset representing artificial paths for future use. The hydrographic break lines were then inserted to create a seamless stream and open water dataset more representative of real-world hydrological features.

Update for April 2020:

-Updated alias fields that provide an understandable description of the fields,

Update for December 2021:

Abridged Hydro field was renamed as per NCDEQ data updates.

-Renamed fields:

IRpt2018Cmt

Process step

Description

Data was reviewed in ESRI's Data Reviewer tool to verify geometry. No legitimate errors were found.

Process contact - originator

Organization's name North Carolina Department of Transportation - Sweeping
Environmental group

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Type physical

Delivery point 4101 Capital Boulevard

City Raleigh
Administrative area NC
Postal code 27604
Country US
e-mail address ATLAS@ncdot.gov

Hours of service

9:00am – 5:00pm Monday - Friday

Contact instructions

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Process step

Description

Attributes from several NCDEQ water quality datasets were compiled into a single table using their common and unique attribute, the assessment unit number (AU_Number). The attributes were then transferred to the geometry of the corresponding main stem's stream lines using a spatial join process. This process was again automated using ArcGIS Model Builder. A visual QC followed to check for streams that were: 1) incorrectly attributed, 2) were not attributed but should have been, and 3) streams that were attributed and should not have been. To satisfy the requirement that a tributary carries the attributes of the stream it drains into, a series of processes using buffers and spatial joins were applied to all tributaries flowing into the main stem line segments described above. The remaining tributaries (those flowing outside the state) were attributed with the receiving waterbody name and state abbreviation. Their classification fields AU_Class and BIMS_Class were coded as "C" in accordance with NCDEQ guidelines. Additional attributes not related to NCDEQ AU numbers were joined to the appropriate hydrography lines, including US Army Corps of Engineers Stream Habitat Temperature (cold, cool, and warm), NC Division of Coastal Management (NCDQM) and NC Wildlife Resource Commission (NCWRC) Coastal, Joint, and Inland fishing waters designations, and NCWRC Eastern Brook Trout Joint Venture (EBTJV) data. These data are intended to satisfy the needs of the NCDOT for additional water resource planning, including identification of jurisdiction and moratoria considerations.

Process contact - originator

Organization's name North Carolina Department of Transportation - Sweeping Environmental group

Contact's position Environmental Program Consultant

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Process step

Description

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

Process contact - originator

Organization's name North Carolina Department of Transportation - Sweeping Environmental group

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

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Process step

Description

This process was completed at the Hydrologic Unit 10 (HU10) level and was automated using

ArcGIS Model Builder. A visual quality control (QC) check was performed to ensure that no HSSD stream line segments flow in and out of open water areas multiple times. The HU10 data was then combined into HU8 level datasets and checked for connectivity at HU8 boundaries (edge-matching). Topology checks were run to ensure there were no overlaps or discontinuities within the streams dataset or in the separate Artificial Paths dataset.

Process contact - originator

Organization's name North Carolina Department of Transportation - Sweeping Environmental group

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

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Country US

e-mail address ATLAS@ncdot.gov

Hours of service

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Distribution

Distributor

Contact information - distributor

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Type physical

Delivery point 4101 Capital Boulevard

City Raleigh

Administrative area NC

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Country US

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Hours of service

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Distribution format

Name File Geodatabase Feature Class

Version 10.5

Fields

Details for object NCAtlasHydrographyAbridged

Type Feature Class

Row count 1593176

Definition

Water lines depicting location and various regulatory considerations of water resources in the state of NC with respect to transportation planning.

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.

Field AUNumber

Alias NCDEQAssessmentUnitNumber

Data type String

Width 50

Precision 0

Scale 0

Field description

Unique assessment unit number based on the BIMS Index number. It is a unique identifier of a waterbody in NC. All named and some unnamed streams have an AU Number.

Description source

NCDEQ

Field AUDrainTo

Alias AUNumberOfReceivingWaters

Data type String

Width 50

Precision 0

Scale 0

Field description

AU number of receiving waters (for all tributaries with no AU designation)

Description source

NCDOT

Field AUName

Alias NCDEQAssessmentUnitName

Data type String

Width 254

Precision 0

Scale 0

Field description

NC name (not always an exact match with GNIS) usually from the US Geological Survey Topo maps.

Description source

NCDEQ

Field IRC

Alias IntegratedReportingCategory(IRC)

Data type String

Width 254

Precision 0

Scale 0

Field description

Integrated Reporting Category assigned by parameter of interest (see field) and assessment criteria status (see field)
(NRTR required value)

Description source

NCDEQ

List of values

Value 1

Description Meeting Criteria

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 1b

Description Meeting Criteria-a management strategy in place for parameter

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 1f

Description Meeting Criteria-Fish tissue collected in Assessment Unit with no advisories other than statewide Mercury advice

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 1i

Description Meeting Criteria-Parameter assessed is addressed by a TMDL for a different parameter

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 1nc

Description Meeting Criteria-Parameter assessed was exceeding some criteria but it was determined that the exceedances were due to natural conditions (documentation required)

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 1r

Description Meeting Criteria-Parameter assessed was meeting criteria and there are ongoing restoration activities

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 1t

Description Meeting Criteria-Parameter assessed was meeting criteria and there is an approved TMDL in place for the parameter

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 3a

Description Data Inconclusive

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 3b

Description Data Inconclusive- management strategy in place for parameter

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 3c

Description Data Inconclusive- non-pollutant

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 3i

Description Data Inconclusive-Parameter assessed is addressed by a TMDL for a different parameter

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 3r

Description Data Inconclusive- ongoing restoration activities in place to address parameter

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 3t

Description Data Inconclusive- approved TMDL in place for parameter

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 3v

Description Data Inconclusive- exceedance due to permitted facility with a variance

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 3z1

Description Data Inconclusive-Data not assessed against a NC water quality standard

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 3z2

Description Data Inconclusive-No data or information to make assessment

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 4b

Description Exceeding Criteria- management strategy in place for parameter

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 4c

Description Exceeding Criteria- non-pollutant

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 4cs

Description Exceeding Criteria- Shellfish growing area- not approved. Approved fecal coliform bacteria TMDL assessed in category 4t

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 4i

Description Exceeding Criteria- Parameter assessed is addressed by a TMDL for a different parameter

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 4r

Description Exceeding Criteria- ongoing restoration activities in place to address parameter. Also for restoration parameters without water quality standards

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 4s

Description Exceeding Criteria- another aquatic life parameter is assessed in category 4 or 5. For biological assessments only

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 4t

Description Exceeding Criteria- approved TMDL

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 4v

Description Exceeding Criteria- exceedance due to permitted facility with a variance

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 5

Description Exceeding Criteria- no approved TMDL in place for assessed parameter

Enumerated domain value definition source NCDEQ - Integrated Report 2018

Value 5e

Description EPA listed the assessment based on EPA guidance not NC methodology

Enumerated domain value definition source NCDEQ - Integrated Report 2018
Value 5r
Description Exceeding Criteria- no approved TMDL restoration plans and activities ongoing
Enumerated domain value definition source NCDEQ - Integrated Report 2018

Field POI

Alias IRCParameterOfInterest
Data type String
Width 254
Precision 0
Scale 0
Field description
Parameter of Interest - Included are: Parameter, Standard for that parameter, Standard type and Area where this standard is applicable (NRTR required value)
Description source
NCDEQ

Field BIMSClass

Alias BIMSWaterQualityClassification(s)
Data type String
Width 254
Precision 0
Scale 0
Field description
Water quality classification(s) Basinwide Information Management System (NRTR required value)
Description source
NCDEQ

List of values

Value B
Description Primary Recreation, Fresh Water
Enumerated domain value definition source NCDEQ
Value C
Description Aquatic Life, Secondary Recreation, Fresh Water
Enumerated domain value definition source NCDEQ
Value CA
Description Critical Area
Enumerated domain value definition source NCDEQ
Value HQW
Description High Quality Waters
Enumerated domain value definition source NCDEQ
Value N/A

Description	Not Applicable/Out of State	
Enumerated domain value definition source		NCDEQ
Value	NSW	
Description	Nutrient Sensitive Waters	
Enumerated domain value definition source		NCDEQ
Value	ORW	
Description	Outstanding Resource Waters	
Enumerated domain value definition source		NCDEQ
Value	SA	
Description	Market Shellfishing, Salt Water	
Enumerated domain value definition source		NCDEQ
Value	SB	
Description	Primary Recreation, Salt Water	
Enumerated domain value definition source		NCDEQ
Value	SC	
Description	Aquatic Life, Secondary Recreation, Salt Water	
Enumerated domain value definition source		NCDEQ
Value	Sw	
Description	Swamp Waters	
Enumerated domain value definition source		NCDEQ
Value	Tr	
Description	Trout Waters	
Enumerated domain value definition source		NCDEQ
Value	UWL	
Description	Unique Wetland	
Enumerated domain value definition source		NCDEQ
Value	FWS	
Description	Future Water Supply Waters	
Enumerated domain value definition source		NCDEQ
Value	WS-I	
Description	Water Supply I - Natural	
Enumerated domain value definition source		NCDEQ
Value	WS-II	
Description	Water Supply II - Undeveloped	
Enumerated domain value definition source		NCDEQ
Value	WS-III	
Description	Water Supply III - Moderately Developed	
Enumerated domain value definition source		NCDEQ
Value	WS-IV	
Description	Water Supply IV- Highly Developed	
Enumerated domain value definition source		NCDEQ
Value	WS-V	
Description	Water Supply V - Upstream	

Enumerated domain value definition source NCDEQ

Value +, @, #, *

Description Special Designations

Enumerated domain value definition source NCDEQ

Field DSContArea

Alias HSSDDrainageAreaAtDownstreamEndOfLink

Data type Double

Width 8

Precision 0

Scale 0

Field description

Drainage area at the downstream end of the link in sq ft.

Description source

HSSD

Field EBTJVTR

Alias EasternBrookTroutJointVentureData

Data type String

Width 20

Precision 0

Scale 0

Field description

Eastern Brook Trout Joint Venture (reproducing trout populations and species) Brown, brook, and rainbow trout species.

Description source

NCDOT

Field CCWHab

Alias ColdCoolWarmHabitat

Data type String

Width 6

Precision 0

Scale 0

Field description

Designates boundaries for habitat types: Cold, Cool, Warm Habitat

Description source

NCDOT

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.

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.

Field Impact

Alias Impact

Data type String

Width 50

Precision 0

Scale 0

Field description

Designates if the line segment should be used for impact assessments

Description source

NCDOT

List of values

Value Yes

Description Used for impact assessment

Enumerated domain value definition source NCDOT

Value No

Description Not used for impact assessment

Enumerated domain value definition source NCDOT

Field IRpt2020Cmt

Alias IRCMultipleRelationships

Data type String

Width 250

Precision 0

Scale 0

Field description

Comment field advising a user to review the Integrated Report 2020 from DEQ for this AUNumber.

Description source

NCDEQ

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 2021-12-23

ArcGIS metadata properties

Metadata format ArcGIS 1.0

Standard or profile used to edit metadata ISO19139

Metadata style ISO 19139 Metadata Implementation Specification

Created in ArcGIS for the item 2021-12-23 10:51:55

Last modified in ArcGIS for the item 2021-12-23 11:32:30

Automatic updates

Have been performed Yes

Last update 2021-12-23 11:32:30

Metadata Contacts

Metadata contact - point of contact

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Type physical

Delivery point 4101 Capital Boulevard

City Raleigh

Administrative area NC

Postal code 27604

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.

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 - originator

Organization's name North Carolina Department of Transportation - Sweeping Environmental group

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

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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 group 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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Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file