Public Trust Areas of Environmental Concern, August 2019 - NC Department of Transportation

File Geodatabase Feature Class

Tags

Coastal Area Management Act, CAMA, NC Division of Coastal Management, NCDCM, estuarine waters, public trust areas, coastal shorelines, ocean erodible area, unvegetated beach area, small surface supply watersheds, public water supply well fields, unique coastal geologic formations, significant coastal archaeological resources, low tide, high tide, navigable-in-fact waters, hydrography, Descriptive Boundaries of Coastal, Joint, and Inland Waters, DBCJIW, QL2, LiDAR, Kill Devil Hills, Permuda Island, static vegetation lines, erosion rates, Transportation, NCDOT, Environment, Location, North Carolina, ATLAS, North Carolina

Summary

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

Public Trust Areas are the coastal waters and submerged lands that every North Carolinian has the right to use for activities such as boating, swimming or fishing. These areas often overlap with estuarine waters, but they also include many inland fishing waters. The following lands and waters are considered public trust areas:
· all waters of the Atlantic Ocean and the lands underneath, from the normal high water mark on shore to the state's official boundary three miles offshore;
· all navigable natural water bodies and the lands underneath, to the normal high watermark on shore (a body of water is considered navigable if you can float a canoe in it). This does not include privately owned lakes where the public doesn't have access rights;
· all water in artificially created water bodies that have significant public fishing resources and are accessible to the public from other waters; and
· all waters in artificially created water bodies where the public has acquired rights by prescription, custom, usage, dedication or any other means.

These data are needed to fulfill elements of the following work flows:
· CAMA Consistency
· CAMA Major permit
· CAMA AEC work flow
· PCE checklist
· NRTR
· Permitting (if in CAMA county)
    o Nationwide
    o Individual
    o General
    o Water Quality Certification
· PCN completion
· US Coast Guard

Description

Areas of Environmental Concern (AECs) are the foundation of the Coastal Resources Commission's permitting program for coastal development. An AEC is an area of natural importance: It may be easily destroyed by erosion or flooding; or it may have environmental, social, economic or aesthetic values that make it valuable to our state. The Coastal Resources Commission designates areas as AECs to protect them from uncontrolled

development, which may cause irreversible damage to property, public health or the environment, thereby diminishing their value to the entire state.

The ATLAS Public Trust Areas of Environmental Concerns (AEC) dataset is a statewide polygon layer depicting all waters of the Atlantic Ocean and the lands thereunder from the mean high water mark to the seaward limit of state jurisdiction; all natural bodies of water subject to measurable lunar tides and lands thereunder to the normal high water or normal water level; all navigable natural bodies of water and lands thereunder to the normal high water or normal water level as the case may be, except privately-owned lakes to which the public has no right of access; all water in artificially created bodies of water containing public fishing resources or other public resources which are accessible to the public by navigation from bodies of water in which the public has acquired rights by prescription, custom, usage, dedication, or any other means. In determining whether the public has acquired rights in artificially created bodies of water, the following factors shall be considered:

(1) the use of the body of water by the public;

(2) the length of time the public has used the area;

(3) the value of the public resources in the body of water;

(4) whether the public resources in the body of water are mobile to the extent that they can move into natural bodies of water;

(5) whether the creation of the artificial body of water required permission from the state; and

(6) the value of the body of water to the public for navigation from one public area to another public area.

The portions of the Public Trust Areas AEC that are suitable for representation include:

1) Areas that experience some tidal fluctuation, outside of the Estuarine Waters AEC, and including open waters inland of inland/coastal boundaries,

2) Small streams that may be considered navigable-in-fact, or are generally wide enough to float a canoe,

3) Ponds greater than 2 acres that are located on public lands, that connect a stream identified as navigable-in-fact or are known through limited research to provide public access.

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.
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.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.

Extent

West -78.651441 **East** -75.417808
North 36.589237 **South** 33.795272

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE oceans, boundaries, inlandWaters, 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 2019-01-01 00:00:00
PUBLICATION DATE 2019-08-28 00:00:00

Hide Thesaurus ▲

THEME KEYWORDS Coastal Area Management Act, CAMA, NC Division of Coastal Management, NCDCM, estuarine waters, public trust areas, coastal shorelines, ocean erodible area, unvegetated beach area, small surface supply watersheds, public water supply well fields, unique coastal geologic formations, significant coastal archaeological resources, low tide, high tide, navigable-in-fact waters, hydrography, Descriptive Boundaries of Coastal, Joint, and Inland Waters, DBCJIW, QL2, LiDAR, Kill Devil Hills, Permuda Island, static vegetation lines, erosion rates, Transportation, NCDOT, Environment, Location, ATLAS

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Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ►

TITLE Public Trust Areas of Environmental Concern, August 2019 - NC Department of Transportation
CREATION DATE 2019-01-01 00:00:00
PUBLICATION DATE 2019-08-28 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 ▶
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VOICE 919-707-6136

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

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 - Sweeping Environmental Group
CONTACT'S POSITION Environmental Program Consultant
CONTACT'S ROLE originator

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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

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

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

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 2019-01-01 00:00:00
ENDING DATE 2019-01-01 00:00:00

EXTENT
GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -78.651441
* EAST LONGITUDE -75.417808
* NORTH LATITUDE 36.589237
* SOUTH LATITUDE 33.795272
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE 2105857.015407
* EAST LONGITUDE 3052319.395117
* SOUTH LATITUDE 34838.057815
* NORTH LATITUDE 1033615.027121
* 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 ►
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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 ►

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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

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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 PublicTrustAEC
* OBJECT TYPE composite
* OBJECT COUNT 6677

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►
FEATURE CLASS NAME PublicTrustAEC
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 6677
* 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 2019-01-01 00:00:00
PUBLICATION DATE 2019-08-28 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 2019-01-01 00:00:00
PUBLICATION DATE 2019-08-28 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 2019-01-01 00:00:00
PUBLICATION DATE 2019-08-28 00:00:00

Hide Product specification ▲

Hide Data quality report - Quantitative attribute accuracy ▲

Hide Data Quality ▲

Lineage ►

LINEAGE STATEMENT
To effectively map these portions of Public Trust Areas AEC, several other recently developed datasets were drawn upon.

1) NCDOT has developed a tidal model to identify generalized tidal boundaries along all coastal and inland shorelines using detailed QL2 LiDAR derived Digital Elevation Models (DEMs) to the various extents represented by the NOAA Office of Coastal Management (OCM) data. Water elevations were identified within more than 300 separate catchment areas that represent the Mean Higher High Water (MHHW) level, or the average elevation of the highest daily high tides, as measured over the most recent 19-year Tidal Epoch. A more detailed description of the tidal dataset is available.

2) NCDOT has generated a state-wide hydrography dataset using the best data available. Shorelines derived from QL2 LiDAR represent coastal and inland shorelines and the shorelines of rivers greater

than 100 feet in width and waterbodies greater than 2 acres in area. Inland from large waterbodies, stream lines were developed by the Headwater Streams Spatial Dataset program using models that reflect the attributes of the various Level IV ecoregions of the state. Within designated 100-year floodplain areas, HSSD DEMs were replaced with hydro-reinforced DEMs obtained from the NC Floodplain Mapping Program (NCFMP) to integrate NCFMP data with the HSSD. A Random Forest (RF) machine-learning model was developed using HSSD data, NCDOT culvert inventory data, aerial photography, QL2 LiDAR, and roadside photography to identify streams that may be considered navigable-in-fact. A more detailed description of the hydrography dataset is available.

3) Using Google Maps (Streetview) and Bing Maps (Bird's Eye View), NCDOT crossings of known streams from the NCDOT structures data layer were evaluated to determine if the crossing was of a navigable (in-fact) waterbody. Additional data for navigable determination included legacy LiDAR and 2016 aerial photography. The determinations of navigability at the NCDOT crossings were used as a training dataset to evaluate variables such as catchment size, ecoregion, and a list of variables present in the HSSD stream dataset. Through machine learning, the training dataset was used to identify catchment sizes where a stream becomes navigable in-fact, and then those different catchment sizes were used to attribute the HSSD for the level of confidence that any given stream reach was navigable in-fact at specific locations.

4) Ponds greater than 2 acres derived from the QL2 LiDAR data were selected and included in the dataset when identified as occurring on public lands (state or federal) or connecting streams or stream reaches that were identified as navigable-in-fact.

Initial coordination with Cathy Brittingham, NCDOT coordinator for the NC Division of Coastal Management (NCDCM), resulted in the following list of AECs and their importance and use to the NCDOT:

AECs most relevant for NCDOT projects:

1) 15A NCAC 07H .0205. COASTAL WETLANDS

2) 15A NCAC 07H .0206. ESTUARINE WATERS

3) 15A NCAC 07H .0207. PUBLIC TRUST AREAS

4) 15A NCAC 07H .0209. COASTAL SHORELINES

5) 15A NCAC 07H .0304. AECS WITHIN OCEAN HAZARD AREAS

a) OCEAN ERODIBLE AREA,

b) INLET HAZARD AREA, AND

c) UNVEGETATED BEACH AREA)

AECs very rarely if ever relevant for NCDOT projects:

6) 15A NCAC 07H .0304. AECS WITHIN OCEAN HAZARD AREAS (HIGH HAZARD FLOOD AREA).

7) 15A NCAC 07H .0405. SMALL SURFACE WATER SUPPLY WATERSHEDS – ONLY DESIGNATIONS FOR

a) THE FRESH POND BETWEEN KILL DEVIL HILLS AND NAGS HEAD ON BODIE ISLAND AND ADJACENT CATCHMENT AREA; AND

b) THE TOOMERS CREEK WATERSHED.

8) 15A NCAC 07H .0406. PUBLIC WATER SUPPLY WELL FIELDS – ONLY DESIGNATION IS FOR CAPE HATTERAS WELL FIELD.

9) 15A NCAC 07H .0505. COASTAL AREAS THAT SUSTAIN REMNANT SPECIES – NONE DESIGNATED.

10) 15A NCAC 07H .0506. COASTAL COMPLEX NATURAL AREAS – NONE DESIGNATED.

11) 15A NCAC 07H .0507. UNIQUE COASTAL GEOLOGIC FORMATIONS – ONLY DESIGNATION IS FOR JOCKEY'S RIDGE.

12) 15A NCAC 07H .0509. SIGNIFICANT COASTAL ARCHAEOLOGICAL RESOURCES

13) ONLY DESIGNATION IS FOR PERMUDA ISLAND.

14) 15A NCAC 07H .0510. SIGNIFICANT COASTAL HISTORIC ARCHITECTURAL RESOURCES – NONE DESIGNATED

PROCESS STEP ►
DESCRIPTION

Based on this information, SWEEPing digitized all AECs with geographic boundaries that are suited to approximate mapping efforts. Priority was given to those data that were identified as most relevant to NCDOT projects. Descriptions of AECs, data sources used, and general methods employed are provided below. AECS that were not mapped were:

· dynamic areas requiring specific expertise, such as Inlet Hazard Areas and High Hazard Flood Areas,

· determined to have suitable mapping available, such as Inlet Hazard Areas and Coastal Wetlands, or

· have no designated AEC boundaries, such as Coastal Areas that Sustain Remnant Species, Coastal Historic Architectural Resources, and Coastal Complex Natural Areas.

AECs Mapped

1) 15A NCAC 07H .0206. ESTUARINE WATERS

2) 15A NCAC 07H .0207. PUBLIC TRUST AREAS

3) 15A NCAC 07H .0209. COASTAL SHORELINES

4) 15A NCAC 07H .0304. AECS WITHIN OCEAN HAZARD AREAS

a) OCEAN ERODIBLE AREA, AND

b) UNVEGETATED BEACH AREA

c) 15A NCAC 07H .0405. SMALL SURFACE WATER SUPPLY WATERSHEDS- THE FRESH POND BETWEEN KILL DEVIL HILLS AND NAGS HEAD ON BODIE ISLAND AND ADJACENT CATCHMENT AREA

5) 15A NCAC 07H .0406. PUBLIC WATER SUPPLY WELL FIELDS –CAPE HATTERAS WELL FIELD.

6) 15A NCAC 07H .0507. UNIQUE COASTAL GEOLOGIC FORMATIONS –JOCKEY'S RIDGE.

7) 15A NCAC 07H .0509. SIGNIFICANT COASTAL ARCHAEOLOGICAL RESOURCES

a) PERMUDA ISLAND.

AECs Not Mapped

8) 15A NCAC 07H .0205. COASTAL WETLANDS

9) 15A NCAC 07H .0304. AECS WITHIN OCEAN HAZARD AREAS (HIGH HAZARD FLOOD AREA).

10) 15A NCAC 07H .0505. COASTAL AREAS THAT SUSTAIN REMNANT SPECIES – NONE DESIGNATED.

11) 15A NCAC 07H .0506. COASTAL COMPLEX NATURAL AREAS – NONE DESIGNATED.

12) 15A NCAC 07H .0510. SIGNIFICANT COASTAL HISTORIC ARCHITECTURAL RESOURCES – NONE DESIGNATED.

13) 15A NCAC 07H .0304. AECS WITHIN OCEAN HAZARD AREAS, INLET HAZARD AREAS

14) 15A NCAC 07H .0405. SMALL SURFACE WATER SUPPLY WATERSHEDS – TOOMERS CREEK WATERSHED.

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
Data was reviewed in ESRI's Data Reviewer tool to verify geometry.

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

CONTACT INFORMATION ►
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Hide Process step ▲

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

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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 ►
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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 Distributor ▲

DISTRIBUTION FORMAT
* NAME File Geodatabase Feature Class
VERSION 10.5

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT PublicTrustAEC ►
* TYPE Feature Class
* ROW COUNT 6677
DEFINITION
All waters of the Atlantic Ocean and the lands thereunder from the mean high water mark to the seaward limit of state jurisdiction; all natural bodies of water subject to measurable lunar tides and lands thereunder to the normal high water or normal water level; all navigable natural bodies of water and lands thereunder to the normal high water or normal water level as the case may be, except privately-owned lakes to which the public has no right of access; all water in artificially created bodies of water containing public fishing resources or other public resources which are accessible to the public by navigation from bodies of water in which the public has acquired rights by prescription, custom, usage, dedication, or any other means.

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 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 Shape_Area ►
* ALIAS Shape_Area
* DATA TYPE Double
* WIDTH 8
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Area of feature in internal units squared.

* DESCRIPTION SOURCE
Esri

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

Hide Field Shape_Area ▲

Hide Details for object PublicTrustAEC ▲

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 2024-01-30

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 2024-02-01 15:59:37
LAST MODIFIED IN ARCGIS FOR THE ITEM 2024-01-30 09:43:10

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2024-01-30 09:43:10

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 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

HOURS OF SERVICE
9:00am – 5:00pm Monday - Friday

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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 physical
DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive
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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.

CONSTRAINTS

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Hide Metadata Constraints ▲