

Ocean Hazard Erodible 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, NCDOT, 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.

This covers North Carolina's beaches and any other oceanfront lands that are subject to long-term erosion and significant shoreline changes. The seaward boundary of this AEC is the mean low water line.

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 Ocean Hazard Erodible Areas of Environmental Concerns (AEC) dataset is a statewide polygon layer depicting areas where there exists a substantial possibility of excessive erosion and significant shoreline fluctuation. The oceanward boundary of this area is the mean low water line. The landward extent of this area is the distance from the first Line of stable and natural vegetation as defined in 15A NCAC 07H .0305(a)(5) to the recession line established by multiplying the long-term annual erosion rate times 90; provided that, where there has been no long-term erosion or the rate is less than two feet per year, this distance shall be set at 120 feet landward from the first line of stable natural vegetation. For the purposes of this Rule, the erosion rates are the long-term average based on available historic data. The current long-term erosion rate data for each segment

of the North Carolina coast is depicted on maps entitled "2011 Long-Term Average Annual Shoreline Rate Update" and approved by the Coastal Resources Commission on May 5, 2011 (except as such rates may be varied in individual contested cases or in declaratory or interpretive rulings). In all cases, the rate of shoreline change shall be no less than two feet of erosion per year. The maps are available without cost from any Local Permit Officer or the Division of Coastal Management on the internet at <http://www.nccoastalmanagement.net>.

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.

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Extent

West -78.536594 **East** -75.418054

North 36.606371 **South** 33.796896

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, 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 Ocean Hazard Erodible 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 - 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

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 - 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

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[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.

ARCGIS ITEM PROPERTIES

* NAME OceanHazardErodibleAEC
* SIZE 0.000
* LOCATION file:///\\DOT\DFSROOT01\GROUPS-GISCC\GIS-
ProjAtlas\ProjectDocumentation\Standards\Metadata\00MD\AddrUpdate\AddrUpd.gdb
* ACCESS PROTOCOL Local Area Network

[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 -78.536594
* EAST LONGITUDE -75.418054
* NORTH LATITUDE 36.606371
* SOUTH LATITUDE 33.796896
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 2140733.641520
* EAST LONGITUDE 3052016.568295
* SOUTH LATITUDE 35418.902454
* NORTH LATITUDE 1040001.365398
* 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 Contact information ▲](#)

[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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CONSTRAINTS

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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 OceanHazardErodibleAEC
* OBJECT TYPE composite
* OBJECT COUNT 46

[Hide Vector ▲](#)

ARCgis FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME OceanHazardErodibleAEC
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 46
* 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

Static vegetation lines and erosion rate transects were obtained from the NCDCM (online). Where unavailable, or based in imagery from 1998 or before, vegetation lines were digitized using 2016 aerial photography at a scale of 1:8000, using QL2 LiDAR to verify likely vegetation areas based on point cloud data and Digital terrain Model topography and surface roughness data. These static vegetation lines represent the oceanward extent of the Ocean Erodible Area.

A point dataset was created representing the intersections of the NCDCM erosion rate transects and the static vegetation line. The erosion factor from the erosion rate transects were used to calculate an erodibility distance ($RAW_RATE \times 90$) and to generate a point inland from the static vegetation line at the appropriate distance along the bearing of the erosion rate transect. The setback distance was set at 120 feet when the calculated distance was less than this minimum (due to transects with low erosion rates or accretion). Points representing the appropriate setbacks for each transect were then connected to generate the inland boundary of the Ocean Erodible Area AEC.

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

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

CONTACT INFORMATION ►

PHONE
VOICE 919-707-6136

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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 Process step ▲](#)

PROCESS STEP ►
DESCRIPTION

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

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

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

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CONTACT'S POSITION Environmental Program Consultant
CONTACT'S ROLE originator

CONTACT INFORMATION ►

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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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TYPE physical
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[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [OceanHazardErodibleAEC](#) ►

* TYPE Feature Class

* ROW COUNT 46

DEFINITION

Area where there exists a substantial possibility of excessive erosion and significant shoreline fluctuation.

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 OceanHazardErodibleAEC ▲](#)

[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 2024-01-26

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 15:59:43

LAST MODIFIED IN ARCGIS FOR THE ITEM 2024-01-26 14:22:40

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2024-01-26 14:22:40

ITEM LOCATION HISTORY

ITEM COPIED OR MOVED 2018-08-01 14:53:45
TO \\ae-file\share\Business\Projects\15\15-020 McCormick Taylor LSA\15-020.08 NCDOT GIS Modeling\0_SWEEPing_Projects\06 Open Water ID\0_Round2\PhaseIV
FROM C:\Users\ARadecki\Desktop\Axiom Environmental Inc\PhaseIV

[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

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

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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 ▲](#)