mitigation_poly

Frequently-anticipated questions:

- What does this data set describe?
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    2. What geographic area does the data set cover?
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    7. How does the data set describe geographic features?
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- Why was the data set created?
- How was the data set created?
    1. From what previous works were the data drawn?
    2. How were the data generated, processed, and modified?
    3. What similar or related data should the user be aware of?
- How reliable are the data; what problems remain in the data set?
    1. How well have the observations been checked?
    2. How accurate are the geographic locations?
    3. How accurate are the heights or depths?
    4. Where are the gaps in the data? What is missing?
    5. How consistent are the relationships among the data, including topology?
- How can someone get a copy of the data set?
    1. Are there legal restrictions on access or use of the data?
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    5. How can I download or order the data?
- Who wrote the metadata?

What does this data set describe?

Title: mitigation_poly

Abstract:

These polygons represent the approximate location of NCDOT mitigation sites throughout the state.

Supplemental_Information:

The purpose of these files is to allow DOT employees to track and locate areas that need to be preserved and/or maintained for mitigation credit as part of various permits. They include projects built both off- and onsite throughout the state, as well as projects done as full delivery from consultants and projects partially built or managed by other agencies (e.g. EEP). The sites in these shapefiles are only a portion of the known sites in the state, as the database they were pulled from is a work in progress. We have added or updated nearly 200 site boundaries between 12/2010 and

7/2012, bringing the number of boundaries up to approximately 80% of those known sites. These files should not be used or cited in official documents unless the boundary is verified by other sources such as a permit or deed. Feel free to contact us regarding specific sites as we may have more particular information available. We also ask that any information you may have on any sites that are missing data or are omitted be shared with us so we can improve our database.
Known Issues:
Site Boundaries- Due to data collection and conversion limitations, we cannot guarantee the accuracy of site boundaries. To assist with gauging the degree of accuracy, the Boundary Source [BoundSrc] field can tell you where the boundary originated. However, it should be noted that even boundaries taken from surveys can misrepresent the site if the boundary shifted during the conversion from CAD formats. We are in the process of reviewing the information we have and making further documentation of available parcel and conservation easement data to cut down on uncertainty where possible.
Status attribute- Due to the rapidly changing status of the boundary sites, the status stored in the data set may not be up-to-date. A project having a boundary does not mean that it has been or will be completed, so it is highly recommended that you verify the current status of any project before making any decisions regarding the area.
River Basin- The river basin names and hydrologic unit codes (HUCs; called CU or catalogue units in the spreadsheet) in these files may differ from what you have. CGIA has released a newer boundary file (2008) that contains these names and HUCs and we have updated the database accordingly.

1. **How should this data set be cited?**

   NCDOT, 7/17/2012, mitigation_poly.

   Online Links:

   - none

2. **What geographic area does the data set cover?**

   West_Bounding_Coordinate: -84.045387
   East_Bounding_Coordinate: -75.428802
   North_Bounding_Coordinate: 36.543660
   South_Bounding_Coordinate: 33.822976

3. **What does it look like?**
4. **Does the data set describe conditions during a particular time period?**

   Calendar_Date: REQUIRED: The year (and optionally month, or month and day) for which the data set corresponds to the ground.
   Currentness_Reference: publication date

5. **What is the general form of this data set?**

   Geospatial_Data_Presentation_Form: vector digital data

6. **How does the data set represent geographic features?**
   a. **How are geographic features stored in the data set?**

      This is a Vector data set. It contains the following vector data types (SDTS terminology):

- G-polygon (346)

b. **What coordinate system is used to represent geographic features?**

The map projection used is Lambert Conformal Conic.

Projection parameters:
Standard_Parallel: 34.333333
Standard_Parallel: 36.166667
Longitude_of_Central_Meridian: -79.000000
Latitude_of_Projection_Origin: 33.750000
False_Easting: 2000000.002617
False_Northing: 0.000000

Planar coordinates are encoded using coordinate pair
Abscissae (x-coordinates) are specified to the nearest 0.000000
Ordinates (y-coordinates) are specified to the nearest 0.000000
Planar coordinates are specified in survey feet

The horizontal datum used is North American Datum of 1983.
The ellipsoid used is Geodetic Reference System 80.
The semi-major axis of the ellipsoid used is 6378137.000000.
The flattening of the ellipsoid used is 1/298.257222.

7. **How does the data set describe geographic features?**

mitigation_poly
ONEID
Unique identifier created by NCDOT to track sites. The first 3 numbers represent the county. (Source: NCDOT)
FID
Internal feature number. (Source: ESRI)

Sequential unique whole numbers that are automatically generated.

Shape
Feature geometry. (Source: ESRI)

Coordinates defining the features.

Alias
Alternate name of the project site. (Source: NCDOT)
SiteName
Mitigation site name. (Source: NCDOT)
TIP
The Transportation Improvement Program number. Used to identify sites that are directly linked to one or more TIP projects. (Source: NCDOT)
County
Primary county in which the site is located. (Source: NC)
Division
NCDOT Division in which the site is location. (Source: NCDOT)
RiverBasin
River basin the project is located in. (Source: <http://nconemap.gov/nconemap_meta/hu_faq.htm>)
CU

8-digit hydrologic unit code (HUC). (Source: Subset of CGIA "12-digit Hydrologic Units" file. Publication date 06022008, downloaded January 2011 from <http://nconemap.gov/nconemap_meta/hu_faq.htm>)

Onsite

"Yes" indicates that the project site is considered "onsite" for the purposes of mitigation, a blank indicates that it is considered offsite or that it is not known to be onsite. (Source: NCDOT)

Value	Definition
yes	indicates that the project site is considered "onsite" for the purposes of mitigation
<blank>	indicates that it is considered offsite or that it is not known to be onsite

Status

The status of the site, e.g. whether it has been constructed. (Source: NCDOT)

Stream

"Yes" indicates that there is stream mitigation located at this site, a blank indicates that stream mitigation is not known to be present on the site. (Source: NCDOT)

Value	Definition
yes	indicates that there is stream mitigation located at this site
<blank>	indicates that stream mitigation is not known to be present on the site

Wetland

"Yes" indicates that there is wetland mitigation located at this site, a blank indicates that wetland mitigation is not known to be present on the site. (Source: NCDOT)

Value	Definition
yes	indicates that there is wetland mitigation located at this site
<blank>	indicates that wetland mitigation is not known to be present on the site

T_E

"Yes" indicates that there is mitigation for threatened or endangered species located at this site, a blank indicates that T&E mitigation is not known to be present on the site. (Source: NCDOT)

Value	Definition
yes	indicates that there is mitigation for threatened or endangered species located at this site
<blank>	indicates that T&E mitigation is not known to be present on the site

EEP

"Yes" indicates that the North Carolina Ecosystem Enhancement Program has been involved with this project. (Source: NCDOT)

IMS

IMS number from EEP. (Source: EEP)

EEP_Folio

These are links taken from EEP-maintained websites that contain property documents relating to these sites. (Source: NCDOT)

hypWeblink

Website of the NCDOT Natural Environment Section. (Source: NCDOT)

BoundSrc

The source of the boundary feature, if applicable. (Source: NCDOT)

Who produced the data set?

1. **Who are the originators of the data set?** (may include formal authors, digital compilers, and editors)

- NCDOT

2. **Who also contributed to the data set?**

   Some locations have been taken from files provided by the Ecosystem Enhancement Program (see attribute 'BoundSrc'). EEP quality control/quality assurance is on-going. Please contact EEP for the most recent information about specific project areas.

3. **To whom should users address questions about the data?**

   Sarah Schwarzer
   NCDOT Project Development & Environmental Analysis, ICI Onsite Mitigation Group
   Environmental Specialist
   1020 Birch Ridge Drive
   Raleigh, NC 27610
   US

   919-707-6155 (voice)
   saschwarzer1@ncdot.gov

   Contact_Instructions:
   If the above contact information becomes outdated due to separation or other unforeseen circumstances, please contact someone in the Natural Environment Unit of NCDOT (https://apps.dot.state.nc.us/dot/directory/authenticated/UnitPage.aspx?id=8496) to locate the current manager of this data. [This file was created here: NCDOT-> Division of Highways -> Pre-Construction -> Project Development & Environmental Analysis -> Natural Environment Unit -> ICI/Onsite Mitigation Group.]

Why was the data set created?

This file is a subset of a geodatabase designed to assist NCDOT staff in tracking locations of mitigation sites throughout the state.

How was the data set created?

1. **From what previous works were the data drawn?**
2. **How were the data generated, processed, and modified?**

   Date: 17-Jul-2012 (process 1 of 2)
   Metadata imported.
   Date: 18-Jul-2012 (process 2 of 2)
   Metadata imported.

   Data sources used in this process:

   - C:\GIS_Data\Working\DatabaseExports\AGOOmetadata.xml

3. **What similar or related data should the user be aware of?**

How reliable are the data; what problems remain in the data set?

1. **How well have the observations been checked?**
2. **How accurate are the geographic locations?**
3. **How accurate are the heights or depths?**
4. **Where are the gaps in the data? What is missing?**
5. **How consistent are the relationships among the observations, including topology?**

How can someone get a copy of the data set?

Are there legal restrictions on access or use of the data?
Access_Constraints: Metadata must accompany any copy or subset of these data.
Use_Constraints:

These boundaries are for planning purposes only and do not represent the legal boundaries of the sites contained herein. Specific boundaries should be verified for any actions in proximity to these sites. 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.

1. **Who distributes the data set?** (Distributor 1 of 1)

Sarah Schwarzer
NCDOT
Environmental Specialist, ICI/Onsite Mitigation Group
1020 Birch Ridge Drive
Raleigh, NC 27610
US

919-707-6155 (voice)
saschwarzer1@ncdot.gov

2. **What's the catalog number I need to order this data set?**

```
Downloadable Data
```

3. **What legal disclaimers am I supposed to read?**
4. **How can I download or order the data?**
   - **Availability in digital form:**

     Data format: Size: 0.700

   - **Cost to order the data:** none
   - **Special instructions:**

     Contact Sarah Schwarzer (saschwarzer1@ncdot.gov) for the most recent file.

Who wrote the metadata?

Dates:

Last modified: 17-Jul-2012

Metadata author:

Sarah Schwarzer
NCDOT
Environmental Specialist
1020 Birch Ridge Drive
Raleigh, NC 27610
US

919-707-6155 (voice)
saschwarzer1@ncdot.gov

Metadata standard:

FGDC Content Standards for Digital Geospatial Metadata (FGDC-STD-001-1998)

Metadata extensions used:

- <http://www.esri.com/metadata/esriprof80.html>
- <http://www.esri.com/metadata/esriprof80.html>

Generated by mp version 2.9.6 on Wed Jul 18 14:32:11 2012