

Bureau of Land Management (BLM) Fish and Wildlife Service Polygons - November 2023 - NC Department of Transportation

File Geodatabase Feature Class



Tags

North Carolina, Bureau of Land Management, BLM, Surface Management Agency, SMA, Federal Land Stewardship, Federal Lands, Federal Surface Management, Geospatial, Land Status, Land Use Planning, Lands, Management, National Geospatial Data Asset, NGDA, NGDA188, Fish and Wildlife Service, FWS, Ownership, planning, Cadastre, Public Land, Transportation, NCDOT, Environment, Location, ATLAS

Summary

The purpose of this dataset is to depict administrative jurisdiction for U.S. federal lands with Administrative Department Code designated as Fish and Wildlife Services (FWS) in North Carolina.

It is adopted for use by NCDOT's ATLAS project as a tool to determine federal land management by project area.

Description

The Bureau of Land Management BLM Fish and Wildlife Service dataset is a polygon layer adapted for use here by NCDOT's ATLAS project as a statewide layer that represents Federal land in the United States managed by the Fish and Wildlife Service.

The Surface Management Agency (SMA) Geographic Information System (GIS) dataset depicts Federal land for the United States and classifies this land by its active Federal surface managing agency. The SMA feature class covers the continental United States, Alaska, Hawaii, Puerto Rico, Guam, American Samoa and the Virgin Islands. This layer covers the state of North Carolina.

A Federal SMA agency refers to a Federal agency with administrative jurisdiction over the surface of Federal lands. Jurisdiction over the land is defined when the land is either:

- Withdrawn by some administrative or legislative action,
- or Acquired
- or Exchanged by a Federal Agency.

This layer is a dynamic assembly of spatial data layers maintained at various federal and local government offices. The GIS data contained in this dataset represents the polygon features that show the boundaries for Surface Management Agency and the surface extent of each Federal agency's surface administrative jurisdiction.

Credits

Bureau of Land Management created this dataset. The ATLAS EAU within NCDOT downloaded the dataset for NCDOT's use within ATLAS.

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 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 -84.084478 **East** -75.411908
North 36.785840 **South** 34.511894

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 farming, boundaries, inlandWaters, location, planningCadastre, 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 2023-06-23 00:00:00
PUBLICATION DATE 2023-11-06 00:00:00

[Hide Thesaurus ▲](#)

THEME KEYWORDS North Carolina, Bureau of Land Management, BLM, Surface Management Agency, SMA, Federal Land Stewardship, Federal Lands, Federal Surface Management, Geospatial, Land Status, Land Use Planning, Lands, Management, National Geospatial Data Asset, NGDA, NGDA188, Fish and Wildlife Service, FWS, Ownership, planning, Cadastre, Public Land, Transportation, NCDOT, Environment, Location, ATLAS

THESAURUS ▶

TITLE User
CREATION DATE 2023-06-23 00:00:00
PUBLICATION DATE 2023-11-06 00:00:00

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

Citation ▶

TITLE Bureau of Land Management (BLM) Fish and Wildlife Service Polygons - November 2023 - NC Department of Transportation

CREATION DATE 2023-06-23 00:00:00
PUBLICATION DATE 2023-11-06 00:00:00

PRESENTATION FORMATS digital map
FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

ORGANIZATION'S NAME Bureau of Land Management, National Operations Center (NOC)
CONTACT'S ROLE originator

CONTACT INFORMATION ►

PHONE
VOICE 303-236-6806

ADDRESS

TYPE both
DELIVERY POINT Denver Federal Center
CITY Denver
ADMINISTRATIVE AREA CO
POSTAL CODE 80225
COUNTRY US
E-MAIL ADDRESS jshouldis@blm.gov

HOURS OF SERVICE

8:00am - 5:00pm MDT Monday-Friday

[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 resource provider

CONTACT INFORMATION ►

PHONE
VOICE 919-707-6136

ADDRESS

TYPE
DELIVERY POINT 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

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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

Bureau of Land Management created this dataset. The ATLAS EAU within NCDOT downloaded the dataset for NCDOT's use within ATLAS.

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 -84.125201

EAST LONGITUDE -75.426058
SOUTH LATITUDE 33.829738
NORTH LATITUDE 36.556356
EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

BEGINNING DATE 2023-06-23 00:00:00
ENDING DATE 2023-06-23 00:00:00

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
* WEST LONGITUDE -84.084478
* EAST LONGITUDE -75.411908
* NORTH LATITUDE 36.785840
* SOUTH LATITUDE 34.511894
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 509364.585039
* EAST LONGITUDE 3051472.291824
* SOUTH LATITUDE 314465.294163
* NORTH LATITUDE 1105015.399084
* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF 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 ►

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[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

SCOPE OF THE UPDATES dataset

OTHER MAINTENANCE REQUIREMENTS

Data updates are made by the BLM and downloaded periodically by the EAU. 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 Bureau of Land Management, National Operations Center (NOC)

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

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARC GIS 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",34.333333333333334],PARAMETER["Standard_Parallel_2",36.166666666666666],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 BLMFWS

* OBJECT TYPE composite

* OBJECT COUNT 87

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME BLMFWS

* FEATURE TYPE Simple

* GEOMETRY TYPE Polygon

* HAS TOPOLOGY FALSE

* FEATURE COUNT 87

* 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 2021-12-15 00:00:00

PUBLICATION DATE 2022-01-28 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 2021-12-15 00:00:00

PUBLICATION DATE 2022-01-28 00:00:00

Hide Product specification ▲

Hide Data quality report - Conceptual consistency ▲

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ▶

MEASURE DESCRIPTION

SMA is topologically aligned with PLSS CAD NSDI which has been through a series of quality checks to catch as many potential coding errors as possible.

CONFORMANCE TEST RESULTS

TEST PASSED **Yes**

RESULT EXPLANATION

Pass

PRODUCT SPECIFICATION ▶

TITLE NCDOT Geospatial Data Specifications

CREATION DATE 2021-12-15 00:00:00

PUBLICATION DATE 2022-01-28 00:00:00

Hide Product specification ▲

Hide Data quality report - Quantitative attribute accuracy ▲

Hide Data Quality ▲

Lineage ▶

LINEAGE STATEMENT

The dataset this subset was extracted from was created by the Bureau of Land Management National Operation Center with input from BLM lands in the Eastern States, Fish and Wildlife Service refuges, Bureau of Indian Affairs as American Indian Reservation, and US Forest Service.

Surface Management Agency feature classes from each of the BLM State Offices was collected. The attributes were related in the State Office feature classes to a standard attribute schema stored in master federal units attribute table.

Changes that were made to the Surface Management Agency data internally were reviewed for correctness before being applied externally. Correctness would include location and point attributes.

Layer was downloaded from <https://gbp-blm-egis.hub.arcgis.com/datasets/blm-national-sma-surface-management-agency-area-polygons/about>.

North Carolina data was extracted out of the countrywide dataset.

PROCESS STEP ►
DESCRIPTION

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

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE 919-707-6136

ADDRESS

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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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►
DESCRIPTION

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

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE point of contact

CONTACT INFORMATION ▶

PHONE

VOICE 919-707-6136

ADDRESS

TYPE

DELIVERY POINT 4101 Capital Boulevard

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS ATLAS@ncdot.gov

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

[Hide Lineage ▲](#)

Distribution ▶

DISTRIBUTOR ▶

CONTACT INFORMATION

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

PHONE

VOICE 919-707-6136

ADDRESS

TYPE

DELIVERY POINT 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 Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class
VERSION 10.5

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT BLMFWS ►

* TYPE Feature Class
* ROW COUNT 87

DEFINITION

BLM Fish and Wildlife Service Polygons

DEFINITION SOURCE

BLM

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 SMAID ►

ALIAS SMAID

* DATA TYPE SmallInteger

* WIDTH 2

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The unique identifier key associated to the unique combination of master SMA information made up of administrative department, administrative agency, and land designation.

DESCRIPTION SOURCE

BLM

DESCRIPTION OF VALUES

Whole numbers assigned as unique ID.

[Hide Field SMAID ▲](#)

FIELD AdminST ►

ALIAS ADMINST

* DATA TYPE String

* WIDTH 2

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Contributing Agency State Office.
ES - Eastern States for North Carolina data

DESCRIPTION SOURCE

BLM

[Hide Field AdminST ▲](#)

FIELD AdminUnitName ►

ALIAS AdminUnitName

* DATA TYPE String

* WIDTH 100

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The name of the land designation site or area.

DESCRIPTION SOURCE

BLM

DESCRIPTION OF VALUES

The name of the site or area (i.e. Saguaro National Park, Saddle Mountain Wilderness, or Yukon Delta National Wildlife Refuge, etc.)

[Hide Field AdminUnitName ▲](#)

FIELD [AdminUnitType ▶](#)

ALIAS AdminUnitType

* DATA TYPE String

* WIDTH 100

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The category of the function the land designation fulfills (i.e. National Historic Site, Wilderness, Wildlife Management Unit, etc.).

DESCRIPTION SOURCE

BLM

DESCRIPTION OF VALUES

Land category (i.e. National Historic Site, Reservation, National Seashore, etc.).

[Hide Field AdminUnitType ▲](#)

FIELD [AdminDeptCode ▶](#)

ALIAS AdminDeptCode

* DATA TYPE String

* WIDTH 6

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The acronym for the department responsible for managing the land designation.

DESCRIPTION SOURCE

BLM

LIST OF VALUES

VALUE DOI

DESCRIPTION Department of the Interior

ENUMERATED DOMAIN VALUE DEFINITION SOURCE BLM

[Hide Field AdminDeptCode ▲](#)

FIELD [AdminAgencyCode ▶](#)

ALIAS AdminAgencyCode

* DATA TYPE String

* WIDTH 8

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The acronym for the agency responsible for managing the land designation.

DESCRIPTION SOURCE

BLM

LIST OF VALUES

VALUE FWS

DESCRIPTION Fish and Wildlife Service
ENUMERATED DOMAIN VALUE DEFINITION SOURCE BLM

[Hide Field AdminAgencyCode ▲](#)

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 BLMFWS ▲](#)

[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 2023-11-27

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
METADATA STYLE ISO 19139 Metadata Implementation Specification
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2023-10-27 15:16:33
LAST MODIFIED IN ARCGIS FOR THE ITEM 2023-11-27 23:56:32

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2023-11-27 23:56:32

[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

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[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY as needed

OTHER MAINTENANCE REQUIREMENTS

Maintenance of the metadata is handled by the EAU. 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 - EAU Mitigation and Modeling Unit

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[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

LIMITATIONS OF USE

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[Hide Metadata Constraints ▲](#)