

Fort Necessity National Battlefield 2013 Wetland Study Boundary

Shapefile



Tags

National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Study Boundary, Northeast Region, NER

Summary

Current geospatial features are based on previous 2013 field and post-field work.

The following describes the original work and, therefore, applies to these re-created data:

The purpose was to provide information necessary for the completion of cultural and infrastructure projects that may permanently impact wetland/water resources. The objectives were to evaluate the proposed wetland/waterway impact sites, identify potential restoration opportunities that could serve as compensatory mitigation for the potential impacts and discuss the restoration process necessary for each site. An additional task requested by park staff was the digitizing of a 1994 pollen analysis coring map of the Great Meadows study area to assist with historic field/forest interpretation and planning.

For information regarding the process used in re-creating these data, please see the "Lineage" section of this metadata record.

Description

Current geospatial features are based on previous 2013 field and post-field work.

The following describes the original work and, therefore, applies to these re-created data:

The Great Meadows wetlands data were the product of a delineation of wetlands and associated waterways subject to jurisdiction under Section 404 of the Clean Water Act and all wetlands subject to National Park Service (NPS) procedures for implementing Director's Order #77-1: Wetland Protection within the Great Meadows Study Area was performed from June 10-14, 2013. This work utilized the U.S Army Corps of Engineers (USACE) Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region as the primary methodology for making wetland determinations in the field. One palustrine emergent wetland separated into three cells encompassing (7.56 acres), and two riverine lower perennial/intermittent systems (e.g. Great Meadow Run and Indian Run) encompassing 0.65 acres of land were identified and delineated within the study area (Figure 2). The palustrine, emergent, persistent, habitat (PEM1) exhibited varying degrees of groundwater, floodflows, and past land use influences as evidenced by soil test pits and

observations of the plant community throughout the site over the course of the investigation. Wetland-1 consisted of three cells separated by Great Meadows Run: W1 (5.29 acres), W1A (0.88 acres), and W1B (1.39 acres). None of the observed wetland ecosystems meet the PA Title 25, Chapter 105 Exceptional Value (EV) wetland designation standard. However, all of the identified and mapped palustrine wetland systems meet both the U.S. Army Corps of Engineers criteria and the Cowardin et al. (1979) definitions of wetland habitat and would fall under U.S. Army Corps, as well as, National Park Service jurisdiction.

Credits

Peter J. Sharpe - National Park Service

Use limitations

No restrictions on accessing the data - boundary data collected by Peter J. Sharpe - National Park Service

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Extent

West -79.591538 **East** -79.587605
North 39.816995 **South** 39.813733

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 boundaries, environment, inlandWaters

*CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Fort Necessity National Battlefield, FONE, Pennsylvania, PA

THEME KEYWORDS National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Study Boundary, Northeast Region, NER

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Fort Necessity National Battlefield 2013 Wetland Study Boundary

CREATION DATE 2016-02-09 00:00:00

PUBLICATION DATE 2016-02-09 00:00:00

EDITION DATE 2016-02-09

PRESENTATION FORMATS *digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist

CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

PHONE

VOICE 2678581001

ADDRESS

TYPE postal

E-MAIL ADDRESS peter_sharpe@nps.gov

[Hide Contact information ▲](#)

RESPONSIBLE PARTY

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

CONTACT INFORMATION ►

PHONE

VOICE 2155979655

ADDRESS

E-MAIL ADDRESS james_farrell@nps.gov

[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 Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322

CREDITS

Peter J. Sharpe - National Park Service

ARCGIS ITEM PROPERTIES

*NAME 20160208_FONE_wetland_study_boundary1

*SIZE 0.002

*LOCATION file:///\\INPNEPH103237\C\$\Users\jefarrell\Desktop\Projects\Current Projects\FONE\wetlands\20160208_FONE_wetland_study_boundary1.shp

*ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

*WEST LONGITUDE -79.591538

*EAST LONGITUDE -79.587605

*NORTH LATITUDE 39.816995

*SOUTH LATITUDE 39.813733

*EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

*WEST LONGITUDE 620554.038998

*EAST LONGITUDE 620885.113198

*SOUTH LATITUDE 4408037.810911

*NORTH LATITUDE 4408394.725797

*EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Peter Sharpe
 ORGANIZATION'S NAME National Park Service, NERO
 CONTACT'S POSITION Hydrologist
 CONTACT'S ROLE principal investigator

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Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

Hide Resource Maintenance ▲

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_UTM_Zone_17N
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26917
 X ORIGIN -5120900
 Y ORIGIN -9998100
 XY SCALE 450445547.3910538
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000
 M SCALE 10000
 XY TOLERANCE 0.001
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true
 LATEST WELL-KNOWN IDENTIFIER 26917
 WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_17N",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["Transverse_Mercator"],PARAMETER
 ["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER
 ["Central_Meridian",-81.0],PARAMETER["Scale_Factor",0.9996],PARAMETER
 ["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26917]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 26917
- * CODESPACE EPSG
- * VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME 20160208_FONE_wetland_study_boundary1

* OBJECT TYPE composite

* OBJECT COUNT 1

[Hide Vector ▲](#)**ARCGIS FEATURE CLASS PROPERTIES** ►

FEATURE CLASS NAME 20160208_FONE_wetland_study_boundary1

* FEATURE TYPE Simple

* GEOMETRY TYPE Polygon

* HAS TOPOLOGY FALSE

* FEATURE COUNT 1

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)[Hide Spatial Data Properties ▲](#)

Lineage ►

LINEAGE STATEMENT

Current geospatial features are based on previous 2013 field and post-field work. Wetland gps-based delineation data were originally created in the field by Pete Sharpe (June 11, 2013).

Hard-copy maps of features were created, displaying collected and digitized points overlaid upon 2013 aerial/satellite photography.

Based on georeferenced (using "World Imagery" digital imagery service) digital-scan images of these maps, this polygon feature was re-created via on-screen digitizing in ArcGIS v.10.3.

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

CONTACT INFORMATION ▶

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E-MAIL ADDRESS james_farrell@nps.gov

*Hide Contact information ▲**Hide Distributor ▲*

DISTRIBUTION FORMAT

*NAME Shapefile

TRANSFER OPTIONS

*TRANSFER SIZE 0.002

*Hide Distribution ▲***Fields ▶**

DETAILS FOR OBJECT 20160208_FONE_wetland_study_boundary1 ▶

*TYPE Feature Class

*ROW COUNT 1

FIELD FID ▶

*ALIAS FID

*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 FID ▲

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 Id ►

- *ALIAS Id
- *DATA TYPE Integer
- *WIDTH 6
- *PRECISION 6
- *SCALE 0

[Hide Field Id ▲](#)

[Hide Details for object 20160208_FONE_wetland_study_boundary1 ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

*METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA *dataset

SCOPE NAME *dataset

*LAST UPDATE 2016-02-10

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-02-09 15:30:54

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-10 12:59:25

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-02-10 12:59:25

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Peter Sharpe
 ORGANIZATION'S NAME National Park Service, NERO
 CONTACT'S POSITION Hydrologist
 CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

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[Hide Contact information ▲](#)[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY not planned

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[Hide Metadata Constraints ▲](#)**Thumbnail and Enclosures** ▶

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)**FGDC Metadata (read-only)** ▼

Fort Necessity National Battlefield 2013 Wetland Study Points

Shapefile



Tags

National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Northeast Region, NER

Summary

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North 39.816993 **South** 39.813770

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 boundaries, environment, inlandWaters

*CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Fort Necessity National Battlefield, FONE, Pennsylvania, PA

THEME KEYWORDS National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Northeast Region, NER

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Fort Necessity National Battlefield 2013 Wetland Study Points

CREATION DATE 2016-02-09 00:00:00

PUBLICATION DATE 2016-02-09 00:00:00

EDITION DATE 2016-02-09

PRESENTATION FORMATS *digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist

CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

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PHONE

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TYPE

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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 Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322

CREDITS

Peter J. Sharpe - National Park Service

ARCGIS ITEM PROPERTIES

*NAME 20160208_FONE_wetland_points1

*SIZE 0.004

*LOCATION file:///\\INPNEPH103237\C\$\Users\jefarrell\Desktop\Projects\Current Projects\FONE\wetlands\20160208_FONE_wetland_points1.shp

*ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

*WEST LONGITUDE -79.591538

*EAST LONGITUDE -79.587998

*NORTH LATITUDE 39.816993

*SOUTH LATITUDE 39.813770

*EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

*WEST LONGITUDE 620554.038997

*EAST LONGITUDE 620851.523526

*SOUTH LATITUDE 4408041.369866

*NORTH LATITUDE 4408394.545993

*EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

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Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

Hide Resource Maintenance ▲

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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National Park Service

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- *TYPE Projected
- *GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- *PROJECTION NAD_1983_UTM_Zone_17N
- *COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26917
 X ORIGIN -5120900
 Y ORIGIN -9998100
 XY SCALE 450445547.3910538
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000
 M SCALE 10000
 XY TOLERANCE 0.001
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 26917

WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_17N",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["Transverse_Mercator"],PARAMETER
 ["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER
 ["Central_Meridian",-81.0],PARAMETER["Scale_Factor",0.9996],PARAMETER
 ["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26917]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 26917
- * CODESPACE EPSG
- * VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME 20160208_FONE_wetland_points1
- * OBJECT TYPE point
- * OBJECT COUNT 140

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME 20160208_FONE_wetland_points1
- * FEATURE TYPE Simple
- * GEOMETRY TYPE Point
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 140
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Lineage ►

LINEAGE STATEMENT

Current geospatial features are based on previous 2013 field and post-field work. Wetland gps-based delineation data were originally created in the field by Pete Sharpe (June 11, 2013). Pollen core features were digitized in 2013 from a paper survey map (dated September 21, 1994, based on information collected by Randall Myers). Hard-copy maps of features were created, displaying collected and digitized points overlaid upon 2013 aerial/satellite photography. Based on georeferenced (using "World Imagery" digital imagery service) digital-scan images of these maps, point features were re-created via on-screen digitizing in ArcGIS v.10.3. Feature points were located/created in the general middle (not calculated) of displayed map-image point symbols. Attributes were added based on information found on the original map images. Due to topology issues--where previously Wetland-1 and Wetland T1 crossed over one another--points T1-06a, T1-13a, and T1-17a were added (as indicated in the "comments" field in the associated attribute table) to differentiate between Wetland 1 (a Palustrine

wetland now broken into two features, "Wetland-1" and "Wetland-1c") and Wetland T1 (Riverine), delineating a segment of Indian Run. Wetland W1B is complete and does not include a point labeled "W1B-01". Points "H57" and "cannon" are survey marker locations.

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

CONTACT INFORMATION ►

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VOICE 2155979655

ADDRESS

TYPE

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[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

*NAME Shapefile

TRANSFER OPTIONS

*TRANSFER SIZE 0.004

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [20160208_FONE_wetland_points1 ►](#)

*TYPE Feature Class

*ROW COUNT 140

FIELD FID ►

*ALIAS FID

*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 FID ▲

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 Id ►

* ALIAS Id
* DATA TYPE Integer
* WIDTH 6
* PRECISION 6
* SCALE 0

Hide Field Id ▲

FIELD wet_pt ►

ALIAS wetland point label
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Labels for wetland points given in the field during original delineation.
Survey marker labels were added during this data re-creation effort.

[Hide Field wet_pt ▲](#)

FIELD other ▶

ALIAS other point not wetland feature

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

"H57" and "cannon" are survey marker locations

[Hide Field other ▲](#)

FIELD wtp ▶

ALIAS wetland test pit

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Label given to test pit location during original 2013 field work.

[Hide Field wtp ▲](#)

FIELD comment ▶

* ALIAS comment

* DATA TYPE String

* WIDTH 100

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

additional info

[Hide Field comment ▲](#)

[Hide Details for object 20160208_FONE_wetland_points1 ▲](#)

[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 2016-02-10

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-02-09 13:21:11

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-10 12:57:53

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-02-10 12:57:53

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist

CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

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METADATA CONTACT

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CONTACT'S ROLE custodian

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[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY not planned

MAINTENANCE CONTACT

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

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[Hide Contact information ▲](#)

[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Metadata Constraints ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

Fort Necessity National Battlefield 2013 Wetland Study Polygons

Shapefile



Tags

National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Northeast Region, NER

Summary

Current geospatial features are based on previous 2013 field and post-field work.

The following describes the original work and, therefore, applies to these re-created data:

The purpose was to provide information necessary for the completion of cultural and infrastructure projects that may permanently impact wetland/water resources. The objectives were to evaluate the proposed wetland/waterway impact sites, identify potential restoration opportunities that could serve as compensatory mitigation for the potential impacts and discuss the restoration process necessary for each site. An additional task requested by park staff was the digitizing of a 1994 pollen analysis coring map of the Great Meadows study area to assist with historic field/forest interpretation and planning.

For information regarding the process used in re-creating these data, please see the "Lineage" section of this metadata record.

Description

Current geospatial features are based on previous 2013 field and post-field work.

The following describes the original work and, therefore, applies to these re-created data:

The Great Meadows wetlands data were the product of a delineation of wetlands and associated waterways subject to jurisdiction under Section 404 of the Clean Water Act and all wetlands subject to National Park Service (NPS) procedures for implementing Director's Order #77-1: Wetland Protection within the Great Meadows Study Area was performed from June 10-14, 2013. This work utilized the U.S Army Corps of Engineers (USACE) Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region as the primary methodology for making wetland determinations in the field. One palustrine emergent wetland separated into three cells encompassing (7.56 acres), and two riverine lower perennial/intermittent systems (e.g. Great Meadow Run and Indian Run) encompassing 0.65 acres of land were identified and delineated within the study area (Figure 2). The palustrine, emergent, persistent, habitat (PEM1) exhibited varying degrees of groundwater, floodflows, and past land use influences as evidenced by soil test pits and

observations of the plant community throughout the site over the course of the investigation. Wetland-1 consisted of three cells separated by Great Meadows Run: W1 (5.29 acres), W1A (0.88 acres), and W1B (1.39 acres). None of the observed wetland ecosystems meet the PA Title 25, Chapter 105 Exceptional Value (EV) wetland designation standard. However, all of the identified and mapped palustrine wetland systems meet both the U.S. Army Corps of Engineers criteria and the Cowardin et al. (1979) definitions of wetland habitat and would fall under U.S. Army Corps, as well as, National Park Service jurisdiction.

Credits

Peter J. Sharpe - National Park Service

Use limitations

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Extent

West -79.591538 **East** -79.587998
North 39.816993 **South** 39.813770

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 boundaries, environment, inlandWaters

*CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Fort Necessity National Battlefield, FONE, Pennsylvania, PA

THEME KEYWORDS National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Northeast Region, NER

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Fort Necessity National Battlefield 2013 Wetland Study Polygons

CREATION DATE 2016-02-09 00:00:00

PUBLICATION DATE 2016-02-09 00:00:00

EDITION DATE 2016-02-09

PRESENTATION FORMATS *digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist

CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

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TYPE postal

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RESPONSIBLE PARTY

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

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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 Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322

CREDITS

Peter J. Sharpe - National Park Service

ARCGIS ITEM PROPERTIES

*NAME 20160208_FONE_wetland_polys1

*SIZE 0.003

*LOCATION file:///\\INPNEPH103237\C\$\Users\jefarrell\Desktop\Projects\Current Projects\FONE\wetlands\20160208_FONE_wetland_polys1.shp

*ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

*WEST LONGITUDE -79.591538

*EAST LONGITUDE -79.587998

*NORTH LATITUDE 39.816993

*SOUTH LATITUDE 39.813770

*EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

*WEST LONGITUDE 620554.038998

*EAST LONGITUDE 620851.523526

*SOUTH LATITUDE 4408041.369866

*NORTH LATITUDE 4408394.545993

*EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Peter Sharpe
 ORGANIZATION'S NAME National Park Service, NERO
 CONTACT'S POSITION Hydrologist
 CONTACT'S ROLE principal investigator

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 CONTACT'S POSITION GIS Specialist
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Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

Hide Resource Maintenance ▲

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_UTM_Zone_17N
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26917
 X ORIGIN -5120900
 Y ORIGIN -9998100
 XY SCALE 450445547.3910538
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000
 M SCALE 10000
 XY TOLERANCE 0.001
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true
 LATEST WELL-KNOWN IDENTIFIER 26917
 WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_17N",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["Transverse_Mercator"],PARAMETER
 ["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER
 ["Central_Meridian",-81.0],PARAMETER["Scale_Factor",0.9996],PARAMETER
 ["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26917]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 26917
- * CODESPACE EPSG
- * VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME 20160208_FONE_wetland_polys1

* OBJECT TYPE composite

* OBJECT COUNT 6

[Hide Vector ▲](#)**ARCGIS FEATURE CLASS PROPERTIES** ►

FEATURE CLASS NAME 20160208_FONE_wetland_polys1

* FEATURE TYPE Simple

* GEOMETRY TYPE Polygon

* HAS TOPOLOGY FALSE

* FEATURE COUNT 6

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)[Hide Spatial Data Properties ▲](#)

Lineage ►

LINEAGE STATEMENT

Current geospatial features are based on previous 2013 field and post-field work. Wetland gps-based delineation data were originally created in the field by Pete Sharpe (June 11, 2013).

Based on georeferenced (using "World Imagery" digital imagery service) digital-scan images of these maps, polygon features were re-created via on-screen digitizing in ArcGIS v.10.3. Feature points were located/created in the general middle (not calculated) of displayed map-image point symbols.

Using point-snapping within ArcGIS, wetland polygons were created by connecting points by point label alphanumeric sequence.

Attributes were added based on information found on the original map images.

The following refers to the related wetland point features, upon which these polygons were derived:

Due to topology issues--where previously Wetland-1 and Wetland T1 crossed over one another--points T1-06a, T1-13a, and T1-17a were added (as indicated in the "comments" field in the associated attribute table) to differentiate between Wetland 1 (a Palustrine wetland now broken into two features, "Wetland-1" and "Wetland-1c") and Wetland T1 (Riverine), delineating a segment of Indian Run.

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ▶

CONTACT INFORMATION

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

CONTACT INFORMATION ▶

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E-MAIL ADDRESS james_farrell@nps.gov

Hide Contact information ▲*Hide Distributor* ▲

DISTRIBUTION FORMAT

*NAME Shapefile

TRANSFER OPTIONS

*TRANSFER SIZE 0.003

Hide Distribution ▲**Fields** ▶

DETAILS FOR OBJECT 20160208_FONE_wetland_polys1 ▶

*TYPE Feature Class

*ROW COUNT 6

FIELD FID ▶

*ALIAS FID

*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 FID ▲](#)

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 Id ▶

- * ALIAS Id
- * DATA TYPE Integer
- * WIDTH 6
- * PRECISION 6
- * SCALE 0

[Hide Field Id ▲](#)

FIELD wet_name ▶

- ALIAS wetland name
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
Name of Wetland, based on original 2013 field labeling.

[Hide Field wet_name ▲](#)

FIELD comment ▶

- * ALIAS comment
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION

additional info

[Hide Field comment ▲](#)

FIELD **wet_type** ▶

ALIAS wetland type

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Two types depicted:

- Palustrine
- Riverine

[Hide Field wet_type ▲](#)

[Hide Details for object 20160208_FONE_wetland_polys1 ▲](#)

[Hide Fields ▲](#)

Metadata Details ▶

* METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2016-02-10

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-02-09 15:03:50

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-10 12:58:52

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-02-10 12:58:52

[Hide Metadata Details ▲](#)

Metadata Contacts ▶

METADATA CONTACT

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist
 CONTACT'S ROLE principal investigator

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Hide Contact information ▲

Hide Metadata Contacts ▲

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY not planned

MAINTENANCE CONTACT

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Metadata Constraints ►

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[Hide Metadata Constraints ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

Fort Necessity National Battlefield 1994 Pollen Cores

Shapefile



Tags

National Park Service, NPS, Fort Necessity National Battlefield, FONE, Pollen Cores, Soil, Northeast Region, NER

Summary

Current geospatial features are based on previous 2013 field and post-field work.

The following describes the original work and, therefore, applies to these re-created data:

The purpose was to provide information necessary for the completion of cultural and infrastructure projects that may permanently impact wetland/water resources. The objectives were to evaluate the proposed wetland/waterway impact sites, identify potential restoration opportunities that could serve as compensatory mitigation for the potential impacts and discuss the restoration process necessary for each site. An additional task requested by park staff was the digitizing of a 1994 pollen analysis coring map of the Great Meadows study area to assist with historic field/forest interpretation and planning.

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(0.88 acres), and W1B (1.39 acres). None of the observed wetland ecosystems meet the PA Title 25, Chapter 105 Exceptional Value (EV) wetland designation standard. However, all of the identified and mapped palustrine wetland systems meet both the U.S. Army Corps of Engineers criteria and the Cowardin et al. (1979) definitions of wetland habitat and would fall under U.S. Army Corps, as well as, National Park Service jurisdiction.

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Extent

West -79.591377 **East** -79.587968
North 39.816421 **South** 39.814160

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 boundaries, environment, inlandWaters

***CONTENT TYPE** Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Fort Necessity National Battlefield, FONE, Pennsylvania, PA

THEME KEYWORDS National Park Service, NPS, Fort Necessity National Battlefield, FONE, Pollen Cores, Soil, Northeast Region, NER

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Fort Necessity National Battlefield 1994 Pollen Cores

CREATION DATE 2016-02-09 00:00:00

PUBLICATION DATE 2016-02-09 00:00:00

EDITION DATE 2016-02-09

PRESENTATION FORMATS *digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist

CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

PHONE

VOICE 2678581001

ADDRESS

TYPE postal

E-MAIL ADDRESS peter_sharpe@nps.gov

[Hide Contact information ▲](#)

RESPONSIBLE PARTY

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

CONTACT INFORMATION ►

PHONE

VOICE 2155979655

ADDRESS

E-MAIL ADDRESS james_farrell@nps.gov

[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 Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322

CREDITS

Peter J. Sharpe - National Park Service

ARCGIS ITEM PROPERTIES

*NAME 20160208_FONE_wetland_pollen_cores1
 *SIZE 0.004
 *LOCATION file:///\\INPNEPH103237\C\$\Users\jefarrell\Desktop\Projects\Current Projects\FONE\wetlands\20160208_FONE_wetland_pollen_cores1.shp
 *ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -79.591377

* EAST LONGITUDE -79.587968

* NORTH LATITUDE 39.816421

* SOUTH LATITUDE 39.814160

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 620567.095245

* EAST LONGITUDE 620855.109975

* SOUTH LATITUDE 4408084.760818

* NORTH LATITUDE 4408331.178242

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Peter Sharpe
 ORGANIZATION'S NAME National Park Service, NERO
 CONTACT'S POSITION Hydrologist
 CONTACT'S ROLE principal investigator

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Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

Hide Resource Maintenance ▲

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_UTM_Zone_17N
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26917
 X ORIGIN -5120900
 Y ORIGIN -9998100
 XY SCALE 450445547.3910538
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000
 M SCALE 10000
 XY TOLERANCE 0.001
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true
 LATEST WELL-KNOWN IDENTIFIER 26917
 WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_17N",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["Transverse_Mercator"],PARAMETER
 ["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER
 ["Central_Meridian",-81.0],PARAMETER["Scale_Factor",0.9996],PARAMETER
 ["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26917]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 26917
- * CODESPACE EPSG
- * VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME 20160208_FONE_wetland_pollen_cores1

* OBJECT TYPE point

* OBJECT COUNT 143

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME 20160208_FONE_wetland_pollen_cores1

* FEATURE TYPE Simple

* GEOMETRY TYPE Point

* HAS TOPOLOGY FALSE

* FEATURE COUNT 143

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)[Hide Spatial Data Properties ▲](#)

Lineage ►

LINEAGE STATEMENT

Current geospatial features are based on previous 2013 field and post-field work. Wetland gps-based delineation data were originally created in the field by Pete Sharpe (June 11, 2013).

Pollen core features were digitized in 2013 from a paper survey map (dated September 21, 1994, based on information collected by Randall Myers).

Hard-copy maps of features were created, displaying collected and digitized points overlaid upon 2013 aerial/satellite photography.

Based on georeferenced (using "World Imagery" digital imagery service) digital-scan images of these maps, point features were re-created via on-screen digitizing in ArcGIS v.10.3.

Feature points were located/created in the general middle (not calculated) of displayed map-image point symbols.

Attributes were added based on information found on the original map images.

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

CONTACT INFORMATION ►

PHONE

VOICE 2155979655

ADDRESS

E-MAIL ADDRESS james_farrell@nps.gov

Hide Contact information ▲

Hide Distributor ▲

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.004

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT 20160208_FONE_wetland_pollen_cores1 ►

* TYPE Feature Class

* ROW COUNT 143

FIELD FID ►

* ALIAS FID

* 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 FID ▲

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 Id** ▶

- * ALIAS Id
- * DATA TYPE Integer
- * WIDTH 6
- * PRECISION 6
- * SCALE 0
- * FIELD DESCRIPTION
Labels given to Pollen Core locations at time of collection (1994) by Randall Myers.

Hide Field Id ▲*Hide Details for object 20160208_FONE_wetland_pollen_cores1* ▲*Hide Fields* ▲**Metadata Details** ▶

* METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2016-02-10

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-02-09 15:25:53

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-10 12:58:26

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-02-10 12:58:26

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist

CONTACT'S ROLE principal investigator

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METADATA CONTACT

INDIVIDUAL'S NAME James Farrell

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[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY not planned

MAINTENANCE CONTACT

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

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[Hide Contact information ▲](#)

[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Metadata Constraints ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

Fort Necessity National Battlefield 2013 Wetland Study Photo Points

Shapefile



Tags

National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Photo Points, Northeast Region, NER

Summary

Current geospatial features are based on previous 2013 field and post-field work.

The following describes the original work and, therefore, applies to these re-created data:

The purpose was to provide information necessary for the completion of cultural and infrastructure projects that may permanently impact wetland/water resources. The objectives were to evaluate the proposed wetland/waterway impact sites, identify potential restoration opportunities that could serve as compensatory mitigation for the potential impacts and discuss the restoration process necessary for each site. An additional task requested by park staff was the digitizing of a 1994 pollen analysis coring map of the Great Meadows study area to assist with historic field/forest interpretation and planning.

For information regarding the process used in re-creating these data, please see the "Lineage" section of this metadata record.

Description

Current geospatial features are based on previous 2013 field and post-field work.

The following describes the original work and, therefore, applies to these re-created data:

The Great Meadows wetlands data were the product of a delineation of wetlands and associated waterways subject to jurisdiction under Section 404 of the Clean Water Act and all wetlands subject to National Park Service (NPS) procedures for implementing Director's Order #77-1: Wetland Protection within the Great Meadows Study Area was performed from June 10-14, 2013. This work utilized the U.S Army Corps of Engineers (USACE) Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region as the primary methodology for making wetland determinations in the field. One palustrine emergent wetland separated into three cells encompassing (7.56 acres), and two riverine lower perennial/intermittent systems (e.g. Great Meadow Run and Indian Run) encompassing 0.65 acres of land were identified and delineated within the study area (Figure 2). The palustrine, emergent, persistent, habitat (PEM1) exhibited varying degrees of groundwater, floodflows, and past land use influences as evidenced by soil test pits and

observations of the plant community throughout the site over the course of the investigation. Wetland-1 consisted of three cells separated by Great Meadows Run: W1 (5.29 acres), W1A (0.88 acres), and W1B (1.39 acres). None of the observed wetland ecosystems meet the PA Title 25, Chapter 105 Exceptional Value (EV) wetland designation standard. However, all of the identified and mapped palustrine wetland systems meet both the U.S. Army Corps of Engineers criteria and the Cowardin et al. (1979) definitions of wetland habitat and would fall under U.S. Army Corps, as well as, National Park Service jurisdiction.

Credits

Peter J. Sharpe - National Park Service

Use limitations

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Extent

West -79.591048 **East** -79.589250
North 39.816103 **South** 39.814476

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 boundaries, environment, inlandWaters

*CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Fort Necessity National Battlefield, FONE, Pennsylvania, PA

THEME KEYWORDS National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Photo Points, Northeast Region, NER

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Fort Necessity National Battlefield 2013 Wetland Study Photo Points

CREATION DATE 2016-02-09 00:00:00

PUBLICATION DATE 2016-02-09 00:00:00

EDITION DATE 2016-02-09

PRESENTATION FORMATS *digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist

CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

PHONE

VOICE 2678581001

ADDRESS

TYPE postal

E-MAIL ADDRESS peter_sharpe@nps.gov

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RESPONSIBLE PARTY

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

CONTACT INFORMATION ►

PHONE

VOICE 2155979655

ADDRESS

E-MAIL ADDRESS james_farrell@nps.gov

[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 Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322

CREDITS

Peter J. Sharpe - National Park Service

ARCGIS ITEM PROPERTIES

*NAME 20160208_FONE_wetland_photo_points1
 *SIZE 0.000
 *LOCATION file:///\\INPNEPH103237\C\$\Users\jefarrell\Desktop\Projects\Current
 Projects\FONE\wetlands\20160208_FONE_wetland_photo_points1.shp
 *ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

*WEST LONGITUDE -79.591048

*EAST LONGITUDE -79.589250

*NORTH LATITUDE 39.816103

*SOUTH LATITUDE 39.814476

*EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

*WEST LONGITUDE 620594.764291

*EAST LONGITUDE 620745.878175

*SOUTH LATITUDE 4408118.079180

*NORTH LATITUDE 4408296.339917

*EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Peter Sharpe
 ORGANIZATION'S NAME National Park Service, NERO
 CONTACT'S POSITION Hydrologist
 CONTACT'S ROLE principal investigator

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Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

Hide Resource Maintenance ▲

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

*TYPE Projected

*GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983

*PROJECTION NAD_1983_UTM_Zone_17N

*COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26917

X ORIGIN -5120900

Y ORIGIN -9998100

XY SCALE 450445547.3910538

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.001

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 26917

WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_17N",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["Transverse_Mercator"],PARAMETER
["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER
["Central_Meridian",-81.0],PARAMETER["Scale_Factor",0.9996],PARAMETER
["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26917]]

REFERENCE SYSTEM IDENTIFIER

*VALUE 26917

*CODESPACE EPSG

*VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME 20160208_FONE_wetland_photo_points1

* OBJECT TYPE point

* OBJECT COUNT 5

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME 20160208_FONE_wetland_photo_points1

* FEATURE TYPE Simple

* GEOMETRY TYPE Point

* HAS TOPOLOGY FALSE

* FEATURE COUNT 5

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)[Hide Spatial Data Properties ▲](#)

Lineage ►

LINEAGE STATEMENT

Current geospatial features are based on previous 2013 field and post-field work. Wetland gps-based delineation data were originally created in the field by Pete Sharpe (June 11, 2013).

Hard-copy maps of features were created, displaying collected and digitized points overlaid upon 2013 aerial/satellite photography.

Based on georeferenced (using "World Imagery" digital imagery service) digital-scan images of these maps, point features were re-created via on-screen digitizing in ArcGIS v.10.3.

Feature points were located/created in the general middle (not calculated) of displayed map-image point symbols.

Attributes were added based on information found on the original map images.

Polar directions in decimal degrees were determined via COGO editing tools in ArcGIS, based on georeferenced map arrow symbology. Polar angles are measured counterclockwise from the positive x-axis, where due east is 0.0, north is 90.0, west is 180.0, and south is 270.0.

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

CONTACT INFORMATION ►

PHONE

VOICE 2155979655

ADDRESS

E-MAIL ADDRESS james_farrell@nps.gov

*Hide Contact information ▲**Hide Distributor ▲*

DISTRIBUTION FORMAT

*NAME Shapefile

TRANSFER OPTIONS

*TRANSFER SIZE 0.000

*Hide Distribution ▲***Fields ►**

DETAILS FOR OBJECT 20160208_FONE_wetland_photo_points1 ►

*TYPE Feature Class

*ROW COUNT 5

FIELD FID ►

*ALIAS FID

*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 FID ▲

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 Id ▶

- * ALIAS Id
- * DATA TYPE Integer
- * WIDTH 6
- * PRECISION 6
- * SCALE 0

Hide Field Id ▲

FIELD photo_pt ▶

- ALIAS photo point
- * DATA TYPE String
- * WIDTH 4
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Label given to point during original 2013 field work.

Hide Field photo_pt ▲

FIELD pol_dir ▶

- ALIAS polar direction
- * DATA TYPE Single
- * WIDTH 8
- * PRECISION 7
- * SCALE 4
- * FIELD DESCRIPTION
Polar directions in decimal degrees were determined via COGO editing tools in ArcGIS, based on georeferenced map arrow symbology.

Polar angles are measured counterclockwise from the positive x-axis, where due east is 0.0, north is 90.0, west is 180.0, and south is 270.0.

[Hide Field pol_dir ▲](#)

[Hide Details for object 20160208_FONE_wetland_photo_points1 ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

* METADATA LANGUAGE English (UNITED STATES)

SCOPE OF THE DATA DESCRIBED BY THE METADATA *dataset

SCOPE NAME *dataset

* LAST UPDATE 2016-02-10

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-02-09 15:10:55

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-10 12:57:26

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-02-10 12:57:26

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist

CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

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METADATA CONTACT

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

CONTACT INFORMATION ►

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*Hide Contact information ▲**Hide Metadata Contacts ▲***Metadata Maintenance ►**

MAINTENANCE

UPDATE FREQUENCY not planned

MAINTENANCE CONTACT

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

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*Hide Contact information ▲**Hide Metadata Maintenance ▲***Metadata Constraints ►**

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Metadata Constraints ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

Fort Necessity National Battlefield 2013 Wetland Study Other Features (lines)

Shapefile



Tags

National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Ditches, Northeast Region, NER

Summary

Current geospatial features are based on previous 2013 field and post-field work.

The following describes the original work and, therefore, applies to these re-created data:

The purpose was to provide information necessary for the completion of cultural and infrastructure projects that may permanently impact wetland/water resources. The objectives were to evaluate the proposed wetland/waterway impact sites, identify potential restoration opportunities that could serve as compensatory mitigation for the potential impacts and discuss the restoration process necessary for each site. An additional task requested by park staff was the digitizing of a 1994 pollen analysis coring map of the Great Meadows study area to assist with historic field/forest interpretation and planning.

For information regarding the process used in re-creating these data, please see the "Lineage" section of this metadata record.

Description

Current geospatial features are based on previous 2013 field and post-field work.

The following describes the original work and, therefore, applies to these re-created data:

The Great Meadows wetlands data were the product of a delineation of wetlands and associated waterways subject to jurisdiction under Section 404 of the Clean Water Act and all wetlands subject to National Park Service (NPS) procedures for implementing Director's Order #77-1: Wetland Protection within the Great Meadows Study Area was performed from June 10-14, 2013. This work utilized the U.S Army Corps of Engineers (USACE) Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Eastern Mountains and Piedmont Region as the primary methodology for making wetland determinations in the field. One palustrine emergent wetland separated into three cells encompassing (7.56 acres), and two riverine lower perennial/intermittent systems (e.g. Great Meadow Run and Indian Run) encompassing 0.65 acres of land were identified and delineated within the study area (Figure 2). The palustrine, emergent, persistent, habitat (PEM1) exhibited varying degrees of groundwater, floodflows, and past land use influences as evidenced by soil test pits and

observations of the plant community throughout the site over the course of the investigation. Wetland-1 consisted of three cells separated by Great Meadows Run: W1 (5.29 acres), W1A (0.88 acres), and W1B (1.39 acres). None of the observed wetland ecosystems meet the PA Title 25, Chapter 105 Exceptional Value (EV) wetland designation standard. However, all of the identified and mapped palustrine wetland systems meet both the U.S. Army Corps of Engineers criteria and the Cowardin et al. (1979) definitions of wetland habitat and would fall under U.S. Army Corps, as well as, National Park Service jurisdiction.

Credits

Peter J. Sharpe - National Park Service

Use limitations

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Extent

West -79.591366 **East** -79.588469
North 39.816388 **South** 39.815004

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 boundaries, environment, inlandWaters

*CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Fort Necessity National Battlefield, FONE, Pennsylvania, PA

THEME KEYWORDS National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Ditches, Northeast Region, NER

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Fort Necessity National Battlefield 2013 Wetland Study Other Features (lines)

CREATION DATE 2016-02-09 00:00:00

PUBLICATION DATE 2016-02-09 00:00:00

EDITION DATE 2016-02-09

PRESENTATION FORMATS *digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist

CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

PHONE

VOICE 2678581001

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TYPE postal

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RESPONSIBLE PARTY

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

CONTACT INFORMATION ►

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ADDRESS

E-MAIL ADDRESS james_farrell@nps.gov

[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 Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322

CREDITS

Peter J. Sharpe - National Park Service

ARCGIS ITEM PROPERTIES

*NAME 20160208_FONE_wetland_other_features_lines
 *SIZE 0.000
 *LOCATION file:///\\INPNEPH103237\C\$\Users\jefarrell\Desktop\Projects\Current
 Projects\FONE\wetlands\20160208_FONE_wetland_other_features_lines.shp
 *ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

*WEST LONGITUDE -79.591366

*EAST LONGITUDE -79.588469

*NORTH LATITUDE 39.816388

*SOUTH LATITUDE 39.815004

*EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

*WEST LONGITUDE 620566.620842

*EAST LONGITUDE 620812.274493

*SOUTH LATITUDE 4408177.768990

*NORTH LATITUDE 4408327.575884

*EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Peter Sharpe
 ORGANIZATION'S NAME National Park Service, NERO
 CONTACT'S POSITION Hydrologist
 CONTACT'S ROLE principal investigator

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Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

Hide Resource Maintenance ▲

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_UTM_Zone_17N
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26917
 X ORIGIN -5120900
 Y ORIGIN -9998100
 XY SCALE 450445547.3910538
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000
 M SCALE 10000
 XY TOLERANCE 0.001
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true
 LATEST WELL-KNOWN IDENTIFIER 26917
 WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_17N",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["Transverse_Mercator"],PARAMETER
 ["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER
 ["Central_Meridian",-81.0],PARAMETER["Scale_Factor",0.9996],PARAMETER
 ["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26917]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 26917
- * CODESPACE EPSG
- * VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME 20160208_FONE_wetland_other_features_lines

* OBJECT TYPE composite

* OBJECT COUNT 3

[Hide Vector ▲](#)**ARCGIS FEATURE CLASS PROPERTIES** ►

FEATURE CLASS NAME 20160208_FONE_wetland_other_features_lines

* FEATURE TYPE Simple

* GEOMETRY TYPE Polyline

* HAS TOPOLOGY FALSE

* FEATURE COUNT 3

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)[Hide Spatial Data Properties ▲](#)

Lineage ►

LINEAGE STATEMENT

Current geospatial features are based on previous 2013 field and post-field work. Wetland gps-based delineation data were originally created in the field by Pete Sharpe (June 11, 2013).

Hard-copy maps of features were created, displaying collected and digitized points overlaid upon 2013 aerial/satellite photography.

Based on georeferenced (using "World Imagery" digital imagery service) digital-scan images of these maps, line features were re-created via on-screen digitizing in ArcGIS v.10.3.

Attributes were added based on information found on the original map images.

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE **custodian**

CONTACT INFORMATION ▶

PHONE

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ADDRESS

E-MAIL ADDRESS **james_farrell@nps.gov**

Hide Contact information ▲

Hide Distributor ▲

DISTRIBUTION FORMAT

* NAME **Shapefile**

TRANSFER OPTIONS

* TRANSFER SIZE **0.000**

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT **20160208_FONE_wetland_other_features_lines** ▶

* TYPE **Feature Class**

* ROW COUNT **3**

FIELD FID ▶

* ALIAS **FID**

* 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 FID ▲

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 Id ►

- * ALIAS Id
- * DATA TYPE Integer
- * WIDTH 6
- * PRECISION 6
- * SCALE 0

Hide Field Id ▲

FIELD name ►

- ALIAS description of feature
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

Hide Field name ▲

Hide Details for object 20160208_FONE_wetland_other_features_lines ▲

Hide Fields ▲

Metadata Details ►

- * METADATA LANGUAGE English (UNITED STATES)
- SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
- SCOPE NAME * dataset
- * LAST UPDATE 2016-02-10
- ARCGIS METADATA PROPERTIES
- METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-02-10 10:07:19
LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-10 12:56:08

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2016-02-10 12:56:08

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Peter Sharpe
ORGANIZATION'S NAME National Park Service, NERO
CONTACT'S POSITION Hydrologist
CONTACT'S ROLE principal investigator

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METADATA CONTACT

INDIVIDUAL'S NAME James Farrell
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CONTACT'S ROLE custodian

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[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY not planned

MAINTENANCE CONTACT

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

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CONTACT INFORMATION ▶**PHONE**

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Hide Contact information ▲*Hide Metadata Maintenance* ▲**Metadata Constraints** ▶**CONSTRAINTS****LIMITATIONS OF USE**

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Hide Metadata Constraints ▲**Thumbnail and Enclosures** ▶

THUMBNAIL

THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼

Fort Necessity National Battlefield 2013 Wetland Study Other Features (polygons)

Shapefile



Tags

National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Parking Lot Fill, Northeast Region, NER

Summary

Current geospatial features are based on previous 2013 field and post-field work.

The following describes the original work and, therefore, applies to these re-created data:

The purpose was to provide information necessary for the completion of cultural and infrastructure projects that may permanently impact wetland/water resources. The objectives were to evaluate the proposed wetland/waterway impact sites, identify potential restoration opportunities that could serve as compensatory mitigation for the potential impacts and discuss the restoration process necessary for each site. An additional task requested by park staff was the digitizing of a 1994 pollen analysis coring map of the Great Meadows study area to assist with historic field/forest interpretation and planning.

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observations of the plant community throughout the site over the course of the investigation. Wetland-1 consisted of three cells separated by Great Meadows Run: W1 (5.29 acres), W1A (0.88 acres), and W1B (1.39 acres). None of the observed wetland ecosystems meet the PA Title 25, Chapter 105 Exceptional Value (EV) wetland designation standard. However, all of the identified and mapped palustrine wetland systems meet both the U.S. Army Corps of Engineers criteria and the Cowardin et al. (1979) definitions of wetland habitat and would fall under U.S. Army Corps, as well as, National Park Service jurisdiction.

Credits

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Extent

West -79.591457 **East** -79.588765
North 39.816387 **South** 39.814756

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 boundaries, environment, inlandWaters

*CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Fort Necessity National Battlefield, FONE, Pennsylvania, PA

THEME KEYWORDS National Park Service, NPS, Fort Necessity National Battlefield, FONE, Wetlands, Parking Lot Fill, Northeast Region, NER

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Fort Necessity National Battlefield 2013 Wetland Study Other Features (polygons)

CREATION DATE 2016-02-09 00:00:00

PUBLICATION DATE 2016-02-09 00:00:00

EDITION DATE 2016-02-09

PRESENTATION FORMATS *digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Peter Sharpe

ORGANIZATION'S NAME National Park Service, NERO

CONTACT'S POSITION Hydrologist

CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

PHONE

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TYPE postal

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RESPONSIBLE PARTY

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

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PHONE

VOICE 2155979655

ADDRESS

E-MAIL ADDRESS james_farrell@nps.gov

[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 Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322

CREDITS

Peter J. Sharpe - National Park Service

ARCGIS ITEM PROPERTIES

*NAME 20160208_FONE_wetland_other_features_polygons
 *SIZE 0.001
 *LOCATION file:///\\INPNEPH103237\C\$\Users\jefarrell\Desktop\Projects\Current
 Projects\FONE\wetlands\20160208_FONE_wetland_other_features_polygons.shp
 *ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

*WEST LONGITUDE -79.591457

*EAST LONGITUDE -79.588765

*NORTH LATITUDE 39.816387

*SOUTH LATITUDE 39.814756

*EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

*WEST LONGITUDE 620559.267909

*EAST LONGITUDE 620786.905387

*SOUTH LATITUDE 4408149.788414

*NORTH LATITUDE 4408327.374410

*EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Peter Sharpe
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Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

Hide Resource Maintenance ▲

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

No restrictions on accessing the data - boundary data collected by Peter J. Sharpe - National Park Service

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_UTM_Zone_17N
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26917
 X ORIGIN -5120900
 Y ORIGIN -9998100
 XY SCALE 450445547.3910538
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000
 M SCALE 10000
 XY TOLERANCE 0.001
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true
 LATEST WELL-KNOWN IDENTIFIER 26917
 WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_17N",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["Transverse_Mercator"],PARAMETER
 ["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER
 ["Central_Meridian",-81.0],PARAMETER["Scale_Factor",0.9996],PARAMETER
 ["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26917]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 26917
- * CODESPACE EPSG
- * VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME 20160208_FONE_wetland_other_features_polygons

* OBJECT TYPE composite

* OBJECT COUNT 3

[Hide Vector ▲](#)**ARCGIS FEATURE CLASS PROPERTIES** ►

FEATURE CLASS NAME 20160208_FONE_wetland_other_features_polygons

* FEATURE TYPE Simple

* GEOMETRY TYPE Polygon

* HAS TOPOLOGY FALSE

* FEATURE COUNT 3

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)[Hide Spatial Data Properties ▲](#)

Lineage ►

LINEAGE STATEMENT

Current geospatial features are based on previous 2013 field and post-field work. Wetland gps-based delineation data were originally created in the field by Pete Sharpe (June 11, 2013).

Hard-copy maps of features were created, displaying collected and digitized points overlaid upon 2013 aerial/satellite photography.

Based on georeferenced (using "World Imagery" digital imagery service) digital-scan images of these maps, polygon features were re-created via on-screen digitizing in ArcGIS v.10.3. Attributes were added based on information found on the original map images.

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE **custodian**

CONTACT INFORMATION ▶

PHONE

VOICE 2155979655

ADDRESS

E-MAIL ADDRESS **james_farrell@nps.gov**

Hide Contact information ▲

Hide Distributor ▲

DISTRIBUTION FORMAT

* NAME **Shapefile**

TRANSFER OPTIONS

* TRANSFER SIZE **0.001**

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT **20160208_FONE_wetland_other_features_polygons ▶**

* TYPE **Feature Class**

* ROW COUNT **3**

FIELD FID ▶

* ALIAS **FID**

* 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 FID ▲

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 Id ►

- * ALIAS Id
- * DATA TYPE Integer
- * WIDTH 6
- * PRECISION 6
- * SCALE 0

Hide Field Id ▲

FIELD name ►

- ALIAS description of feature
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

Hide Field name ▲

Hide Details for object 20160208_FONE_wetland_other_features_polygons ▲

Hide Fields ▲

Metadata Details ►

- * METADATA LANGUAGE English (UNITED STATES)
- SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
- SCOPE NAME * dataset
- * LAST UPDATE 2016-02-10
- ARCGIS METADATA PROPERTIES
- METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-02-10 11:35:28
LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-10 12:56:54

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2016-02-10 12:56:54

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Peter Sharpe
ORGANIZATION'S NAME National Park Service, NERO
CONTACT'S POSITION Hydrologist
CONTACT'S ROLE principal investigator

CONTACT INFORMATION ►

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CONTACT'S ROLE custodian

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[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY not planned

MAINTENANCE CONTACT

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE custodian

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Hide Contact information ▲*Hide Metadata Maintenance* ▲**Metadata Constraints** ▶**CONSTRAINTS****LIMITATIONS OF USE**

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Hide Metadata Constraints ▲**Thumbnail and Enclosures** ▶

THUMBNAIL

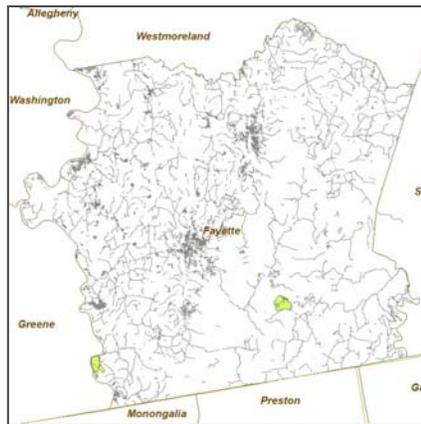
THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼

Fort Necessity National Battlefield 2013 Wetland Study Local Roads within Fayette County

Shapefile



Tags

Fayette County, Pennsylvania, Fort Necessity National Battlefield, local roads, transportation

Summary

Provide background road features to support Fort Necessity National Battlefield 2013 Wetland Study and 2016 re-creation of data.

Pennsylvania State-wide data were reduced to feature within Fayette County for this purpose.

The following is from original metadata for the State-wide dataset:

Public information and support for transportation planning, design and development.

Description

Public roads within Fayette County, Pennsylvania

The following is from original metadata for the State-wide dataset:

Public roads within Pennsylvania. This file includes all identified public roads not maintained by the PA Dept. of Transportation.

Credits

Pennsylvania Department of Transportation, Bureau of Planning and Research, Geographic Information Division

Use limitations

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Extent

West	-80.010839	East	-79.293258
North	40.149371	South	39.713587

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 transportation

* CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Fort Necessity National Battlefield, FONE, Fayette County, Pennsylvania, PA

THEME KEYWORDS Fayette County, Pennsylvania, Fort Necessity National Battlefield, local roads, transportation

THESAURUS ▶

TITLE ISO 19115 Topic Categories

Hide Thesaurus ▲*Hide Topics and Keywords* ▲**Citation** ▶

TITLE Fort Necessity National Battlefield 2013 Wetland Study Local Roads within Fayette County

PUBLICATION DATE 2016-01-01

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

Hide Citation ▲**Citation Contacts** ▶

RESPONSIBLE PARTY

ORGANIZATION'S NAME Pennsylvania Department of Transportation, Bureau of Planning and Research, Geographic Information Division

CONTACT'S ROLE originator

RESPONSIBLE PARTY

INDIVIDUAL'S NAME James Spayd

ORGANIZATION'S NAME Pennsylvania Spatial Data Access

CONTACT'S POSITION Metadata Coordinator

CONTACT'S ROLE point of contact

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FAX 814-865-3378

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COUNTRY US

E-MAIL ADDRESS pasda@psu.edu

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COUNTRY US

E-MAIL ADDRESS pasda@psu.edu

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RESPONSIBLE PARTY

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CONTACT'S ROLE point of contact

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CITY Harrisburg

ADMINISTRATIVE AREA Pennsylvania
POSTAL CODE 17105-3555
COUNTRY US

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RESPONSIBLE PARTY

INDIVIDUAL'S NAME James Farrell
ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science
CONTACT'S POSITION GIS Specialist
CONTACT'S ROLE user

CONTACT INFORMATION ►

PHONE

VOICE 2155979655

ADDRESS

TYPE

E-MAIL ADDRESS james_farrell@nps.gov

[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 Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322

CREDITS

Pennsylvania Department of Transportation, Bureau of Planning and Research, Geographic Information Division

ARCGIS ITEM PROPERTIES

* NAME 20160210_FONE_local_roads_within_Fayette_County_project
* SIZE 2.181
* LOCATION file:///\\INPNEPH103237\C\$\Users\jefarrell\Desktop\Projects\Current Projects\FONE\20160210_FONE_local_roads_within_Fayette_County_project.shp
* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -80.51934
 EAST LONGITUDE -74.69392
 SOUTH LATITUDE 39.71987
 NORTH LATITUDE 42.26501

EXTENT

DESCRIPTION

publication date

TEMPORAL EXTENT

DATE AND TIME 2016-01-01

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
 * WEST LONGITUDE -80.010839
 * EAST LONGITUDE -79.293258
 * NORTH LATITUDE 40.149371
 * SOUTH LATITUDE 39.713587
 * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 584776.970495
 * EAST LONGITUDE 645390.404747
 * SOUTH LATITUDE 4397344.243088
 * NORTH LATITUDE 4444811.025990
 * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

ORGANIZATION'S NAME Pennsylvania Department of Transportation, Bureau of Planning and Research, Geographic Information Division

CONTACT'S ROLE point of contact

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CITY Harrisburg
ADMINISTRATIVE AREA Pennsylvania
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COUNTRY US

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POINT OF CONTACT

INDIVIDUAL'S NAME James Spayd
ORGANIZATION'S NAME Pennsylvania Spatial Data Access
CONTACT'S POSITION Metadata Coordinator
CONTACT'S ROLE point of contact

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COUNTRY US
E-MAIL ADDRESS pasda@psu.edu

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POINT OF CONTACT

ORGANIZATION'S NAME Pennsylvania Spatial Data Access (PASDA)
CONTACT'S ROLE distributor

CONTACT INFORMATION ►

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ADDRESS

TYPE postal
DELIVERY POINT 115 Land and Water Building
CITY University Park
ADMINISTRATIVE AREA Pennsylvania
POSTAL CODE 16802
COUNTRY US
E-MAIL ADDRESS pasda@psu.edu

[Hide Contact information ▲](#)

POINT OF CONTACT

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE user

CONTACT INFORMATION ►

PHONE

VOICE 2155979655

ADDRESS

TYPE

E-MAIL ADDRESS james_farrell@nps.gov

*Hide Contact information ▲**Hide Resource Points of Contact ▲***Resource Maintenance** ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY not planned

*Hide Resource Maintenance ▲***Resource 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_UTM_Zone_17N
- * COORDINATE REFERENCE DETAILS
 - PROJECTED COORDINATE SYSTEM
 - WELL-KNOWN IDENTIFIER 26917
 - X ORIGIN -5120900
 - Y ORIGIN -9998100
 - XY SCALE 450445547.3910538
 - Z ORIGIN -100000
 - Z SCALE 10000
 - M ORIGIN -100000
 - M SCALE 10000
 - XY TOLERANCE 0.001
 - Z TOLERANCE 0.001
 - M TOLERANCE 0.001
 - HIGH PRECISION true
 - LATEST WELL-KNOWN IDENTIFIER 26917
 - WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_17N",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["Transverse_Mercator"],PARAMETER
 - ["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER
 - ["Central_Meridian",-81.0],PARAMETER["Scale_Factor",0.9996],PARAMETER
 - ["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26917]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 26917
- * CODESPACE EPSG
- * VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME 20160210_FONE_local_roads_within_Fayette_County_project
- * OBJECT TYPE composite
- * OBJECT COUNT 10073

[Hide Vector ▲](#)

ARCgis FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME 20160210_FONE_local_roads_within_Fayette_County_project

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polyline
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 10073
- * 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 - CONCEPTUAL CONSISTENCY ►

MEASURE DESCRIPTION

Topology exists

[Hide Data quality report - Conceptual consistency ▲](#)

DATA QUALITY REPORT - COMPLETENESS OMISSION ►

MEASURE DESCRIPTION

Contains all officially recognized features within the Commonwealth

[Hide Data quality report - Completeness omission ▲](#)

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ►

DIMENSION horizontal

MEASURE DESCRIPTION

Digitized from sources conforming to National Mapping Accuracy Standards for 1:24,000 scale maps. Updates and maintenance completed from orthophotography where available.

QUANTITATIVE TEST RESULTS

VALUE 100

EVALUATION METHOD

Estimated accuracy is +/- 100 feet

[Hide Data quality report - Absolute external positional accuracy ▲](#)

[Hide Data Quality ▲](#)

Lineage ▶

LINEAGE STATEMENT

State-wide data were downloaded and, within ArcGIS v.10.3, Fayette County features were selected, then saved as a subset dataset for the purpose of providing background road features to support Fort Necessity National Battlefield 2013 Wetland Study and 2016 re-creation of data.

SOURCE DATA ▶

SOURCE CITATION ▶

TITLE USGS 7.5 minute topographic maps

PUBLICATION DATE

INDETERMINATE DATE unknown

RESPONSIBLE PARTY

ORGANIZATION'S NAME Geological Survey (U.S.)

CONTACT'S ROLE originator

[Hide Source citation ▲](#)

[Hide Source data ▲](#)

[Hide Lineage ▲](#)

Distribution ▶

DISTRIBUTOR ▶

CONTACT INFORMATION

ORGANIZATION'S NAME Pennsylvania Spatial Data Access (PASDA)

CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

PHONE

VOICE 814-865-8792

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TYPE postal

DELIVERY POINT 115 Land and Water Building

CITY University Park

ADMINISTRATIVE AREA Pennsylvania
 POSTAL CODE 16802
 COUNTRY US
 E-MAIL ADDRESS pasda@psu.edu

Hide Contact information ▲

ORDERING PROCESS

TERMS AND FEES none

Hide Distributor ▲

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 2.181

ONLINE SOURCE

LOCATION ftp://www.pasda.psu.edu

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT 20160210_FONE_local_roads_within_Fayette_County_project ►

* TYPE Feature Class

* ROW COUNT 10073

FIELD FID ►

* ALIAS FID

* 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 FID ▲

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 LRS_ID ►

*ALIAS LRS_ID
*DATA TYPE Integer
*WIDTH 10
*PRECISION 10
*SCALE 0

[Hide Field LRS_ID ▲](#)

FIELD DISTRICT_N ►

*ALIAS DISTRICT_N
*DATA TYPE String
*WIDTH 80
*PRECISION 0
*SCALE 0

FIELD DESCRIPTION

County code

[Hide Field DISTRICT_N ▲](#)

FIELD CTY_CODE ►

*ALIAS CTY_CODE
*DATA TYPE String
*WIDTH 80
*PRECISION 0
*SCALE 0

FIELD DESCRIPTION

County name

[Hide Field CTY_CODE ▲](#)

FIELD MUN_ID ►

- * ALIAS MUN_ID
- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

Hide Field MUN_ID ▲

FIELD MUNICIPAL_ ►

- * ALIAS MUNICIPAL_
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field MUNICIPAL_ ▲

FIELD MUNICIPA_1 ►

- * ALIAS MUNICIPA_1
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field MUNICIPA_1 ▲

FIELD LR_NAME ►

- * ALIAS LR_NAME
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field LR_NAME ▲

FIELD LR_TYPE ►

- * ALIAS LR_TYPE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field LR_TYPE ▲

FIELD LR_ID ►

- * ALIAS LR_ID

- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

Hide Field LR_ID ▲

FIELD SEGMENT_NU ►

- * ALIAS SEGMENT_NU
- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

Hide Field SEGMENT_NU ▲

FIELD OFFSET_BGN ►

- * ALIAS OFFSET_BGN
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field OFFSET_BGN ▲

FIELD OFFSET_END ►

- * ALIAS OFFSET_END
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field OFFSET_END ▲

FIELD SEG_LNGTH_ ►

- * ALIAS SEG_LNGTH_
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field SEG_LNGTH_ ▲

FIELD LR_NM_ID ►

- * ALIAS LR_NM_ID
- * DATA TYPE String
- * WIDTH 80

- *PRECISION 0
- *SCALE 0

Hide Field LR_NM_ID ▲

FIELD CUM_OFFSET ►

- *ALIAS CUM_OFFSET
- *DATA TYPE String
- *WIDTH 80
- *PRECISION 0
- *SCALE 0

Hide Field CUM_OFFSET ▲

FIELD CUM_OFFS_1 ►

- *ALIAS CUM_OFFS_1
- *DATA TYPE String
- *WIDTH 80
- *PRECISION 0
- *SCALE 0

Hide Field CUM_OFFS_1 ▲

FIELD CUM_SEG_LN ►

- *ALIAS CUM_SEG_LN
- *DATA TYPE String
- *WIDTH 80
- *PRECISION 0
- *SCALE 0

Hide Field CUM_SEG_LN ▲

FIELD BEG_INT_TE ►

- *ALIAS BEG_INT_TE
- *DATA TYPE String
- *WIDTH 80
- *PRECISION 0
- *SCALE 0

Hide Field BEG_INT_TE ▲

FIELD BEG_INT__1 ►

- *ALIAS BEG_INT__1
- *DATA TYPE String
- *WIDTH 80
- *PRECISION 0
- *SCALE 0

[Hide Field BEG_INT__1 ▲](#)

FIELD [BEGIN_ROUT ▶](#)

- * ALIAS BEGIN_ROUT
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field BEGIN_ROUT ▲](#)

FIELD [BEGIN_LATI ▶](#)

- * ALIAS BEGIN_LATI
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field BEGIN_LATI ▲](#)

FIELD [BEGIN_LONG ▶](#)

- * ALIAS BEGIN_LONG
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field BEGIN_LONG ▲](#)

FIELD [BEGIN_SEGM ▶](#)

- * ALIAS BEGIN_SEGM
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field BEGIN_SEGM ▲](#)

FIELD [BEGIN_STAT ▶](#)

- * ALIAS BEGIN_STAT
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field BEGIN_STAT ▲](#)

FIELD BEGIN_OFFS ►

- * ALIAS BEGIN_OFFS
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field BEGIN_OFFS ▲

FIELD END_TERMIN ►

- * ALIAS END_TERMIN
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field END_TERMIN ▲

FIELD END_TERM_T ►

- * ALIAS END_TERM_T
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field END_TERM_T ▲

FIELD END_ROUTE_ ►

- * ALIAS END_ROUTE_
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field END_ROUTE_ ▲

FIELD END_LATITU ►

- * ALIAS END_LATITU
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field END_LATITU ▲

FIELD END_LONGIT ▶

- * ALIAS END_LONGIT
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field END_LONGIT ▲

FIELD END_SEGMEN ▶

- * ALIAS END_SEGMEN
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field END_SEGMEN ▲

FIELD END_STATE_ ▶

- * ALIAS END_STATE_
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field END_STATE_ ▲

FIELD END_OFFSET ▶

- * ALIAS END_OFFSET
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field END_OFFSET ▲

FIELD SEGMENT_LE ▶

- * ALIAS SEGMENT_LE
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 18
- * SCALE 15

Hide Field SEGMENT_LE ▲

FIELD UNIMPROVED ▶

- * ALIAS UNIMPROVED

- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field UNIMPROVED ▲

FIELD GRAVEL_MIL ►

- * ALIAS GRAVEL_MIL
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field GRAVEL_MIL ▲

FIELD SEAL_COATE ►

- * ALIAS SEAL_COATE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field SEAL_COATE ▲

FIELD BITUMINOUS ►

- * ALIAS BITUMINOUS
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 18
- * SCALE 15

Hide Field BITUMINOUS ▲

FIELD BRICK_MILE ►

- * ALIAS BRICK_MILE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field BRICK_MILE ▲

FIELD CONCRETE_M ►

- * ALIAS CONCRETE_M
- * DATA TYPE String
- * WIDTH 80

*PRECISION 0
*SCALE 0

Hide Field CONCRETE_M ▲

FIELD EST_AVERAG ►
*ALIAS EST_AVERAG
*DATA TYPE String
*WIDTH 80
*PRECISION 0
*SCALE 0

Hide Field EST_AVERAG ▲

FIELD RIGHT_OF_W ►
*ALIAS RIGHT_OF_W
*DATA TYPE String
*WIDTH 80
*PRECISION 0
*SCALE 0

Hide Field RIGHT_OF_W ▲

FIELD CART_WAY_W ►
*ALIAS CART_WAY_W
*DATA TYPE String
*WIDTH 80
*PRECISION 0
*SCALE 0

Hide Field CART_WAY_W ▲

FIELD FEDERAL_AI ►
*ALIAS FEDERAL_AI
*DATA TYPE String
*WIDTH 80
*PRECISION 0
*SCALE 0

Hide Field FEDERAL_AI ▲

FIELD DIRECTION_ ►
*ALIAS DIRECTION_
*DATA TYPE String
*WIDTH 80
*PRECISION 0
*SCALE 0

[Hide Field DIRECTION_ ▲](#)

FIELD FEDERAL__1 ▶

- * ALIAS FEDERAL__1
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field FEDERAL__1 ▲](#)

FIELD BRIDGE_COU ▶

- * ALIAS BRIDGE_COU
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field BRIDGE_COU ▲](#)

FIELD RAIL_ROAD_ ▶

- * ALIAS RAIL_ROAD_
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field RAIL_ROAD_ ▲](#)

FIELD TRAFFIC_CO ▶

- * ALIAS TRAFFIC_CO
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field TRAFFIC_CO ▲](#)

FIELD TRAFFIC__1 ▶

- * ALIAS TRAFFIC__1
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field TRAFFIC__1 ▲](#)

FIELD FUNCTIONAL ▶

- * ALIAS FUNCTIONAL
- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

Hide Field FUNCTIONAL ▲

FIELD FEDERAL__2 ▶

- * ALIAS FEDERAL__2
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field FEDERAL__2 ▲

FIELD TRUCK_DAIL ▶

- * ALIAS TRUCK_DAIL
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field TRUCK_DAIL ▲

FIELD TURNBACK_I ▶

- * ALIAS TURNBACK_I
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field TURNBACK_I ▲

FIELD FIPS_AREA_ ▶

- * ALIAS FIPS_AREA_
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field FIPS_AREA_ ▲

FIELD ROAD_OWNER ►

- * ALIAS ROAD_OWNER
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field ROAD_OWNER ▲

FIELD TYPE_OF_AR ►

- * ALIAS TYPE_OF_AR
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field TYPE_OF_AR ▲

FIELD TRAFFIC_PA ►

- * ALIAS TRAFFIC_PA
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field TRAFFIC_PA ▲

FIELD STRUCTURAL ►

- * ALIAS STRUCTURAL
- * DATA TYPE String
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- * PRECISION 0
- * SCALE 0

Hide Field STRUCTURAL ▲

FIELD LIQUID_FUE ►

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- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field LIQUID_FUE ▲

FIELD POSTED_BON ►

- * ALIAS POSTED_BON

- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field POSTED_BON ▲

FIELD NO_OF_LANE ►

- * ALIAS NO_OF_LANE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field NO_OF_LANE ▲

FIELD SHOULDER_T ►

- * ALIAS SHOULDER_T
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field SHOULDER_T ▲

FIELD SHOULDER_W ►

- * ALIAS SHOULDER_W
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field SHOULDER_W ▲

FIELD SPEED_LIMI ►

- * ALIAS SPEED_LIMI
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

Hide Field SPEED_LIMI ▲

FIELD PARKING_LA ►

- * ALIAS PARKING_LA
- * DATA TYPE String
- * WIDTH 80

- *PRECISION 0
- *SCALE 0

Hide Field PARKING_LA ▲

FIELD BIFURCATED ►

- *ALIAS BIFURCATED
- *DATA TYPE String
- *WIDTH 80
- *PRECISION 0
- *SCALE 0

Hide Field BIFURCATED ▲

FIELD MEDIAN_TYP ►

- *ALIAS MEDIAN_TYP
- *DATA TYPE String
- *WIDTH 80
- *PRECISION 0
- *SCALE 0

Hide Field MEDIAN_TYP ▲

FIELD CURBS ►

- *ALIAS CURBS
- *DATA TYPE String
- *WIDTH 80
- *PRECISION 0
- *SCALE 0

Hide Field CURBS ▲

FIELD SIDEWALKS ►

- *ALIAS SIDEWALKS
- *DATA TYPE String
- *WIDTH 80
- *PRECISION 0
- *SCALE 0

Hide Field SIDEWALKS ▲

FIELD RTE_TNUM ►

- *ALIAS RTE_TNUM
- *DATA TYPE String
- *WIDTH 80
- *PRECISION 0
- *SCALE 0

[Hide Field RTE_TNUM ▲](#)

FIELD ID ►

- * ALIAS ID
- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

[Hide Field ID ▲](#)

FIELD LIQUID_F_1 ►

- * ALIAS LIQUID_F_1
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field LIQUID_F_1 ▲](#)

FIELD NSFA_IND ►

- * ALIAS NSFA_IND
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field NSFA_IND ▲](#)

FIELD SURFACE_TY ►

- * ALIAS SURFACE_TY
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field SURFACE_TY ▲](#)

FIELD ROAD_TYPE ►

- * ALIAS ROAD_TYPE
- * DATA TYPE String
- * WIDTH 80
- * PRECISION 0
- * SCALE 0

[Hide Field ROAD_TYPE ▲](#)

FIELD NOTE ▶

*ALIAS NOTE
 *DATA TYPE String
 *WIDTH 98
 *PRECISION 0
 *SCALE 0

Hide Field NOTE ▲*Hide Details for object 20160210_FONE_local_roads_within_Fayette_County_project* ▲*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 2016-02-10

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
 METADATA STYLE FGDC CSDGM Metadata
 STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-02-10 11:08:58
 LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-10 12:53:39

AUTOMATIC UPDATES
 HAVE BEEN PERFORMED Yes
 LAST UPDATE 2016-02-10 12:53:39

Hide Metadata Details ▲**Metadata Contacts** ▶

METADATA CONTACT

INDIVIDUAL'S NAME James Spayd
 ORGANIZATION'S NAME Pennsylvania Spatial Data Access
 CONTACT'S POSITION Metadata Coordinator
 CONTACT'S ROLE point of contact

CONTACT INFORMATION ▶

PHONE

VOICE 814-865-8792

FAX 814-865-3378

ADDRESS

TYPE postal

DELIVERY POINT 115 Land and Water Building

CITY University Park

ADMINISTRATIVE AREA Pennsylvania

POSTAL CODE 16801

COUNTRY US

E-MAIL ADDRESS pasda@psu.edu[Hide Contact information ▲](#)[Hide Metadata Contacts ▲](#)**Metadata Maintenance ►**

MAINTENANCE

UPDATE FREQUENCY not planned

MAINTENANCE CONTACT

INDIVIDUAL'S NAME James Spayd

ORGANIZATION'S NAME Pennsylvania Spatial Data Access

CONTACT'S POSITION Metadata Coordinator

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

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DELIVERY POINT 115 Land and Water Building

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ADMINISTRATIVE AREA Pennsylvania

POSTAL CODE 16801

COUNTRY US

E-MAIL ADDRESS pasda@psu.edu[Hide Contact information ▲](#)[Hide Metadata Maintenance ▲](#)**Thumbnail and Enclosures ►**

THUMBNAIL

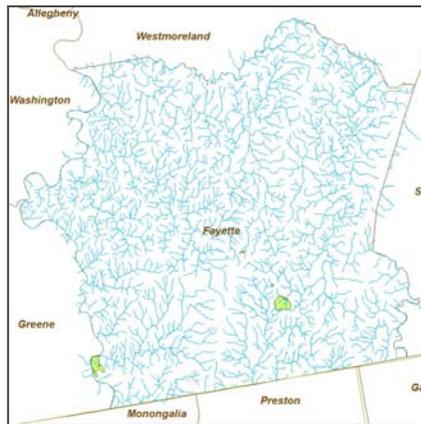
THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼

Fort Necessity National Battlefield 2013 Wetland Study Streams within Fayette County

Shapefile



Tags

Fayette County, Pennsylvania, Fort Necessity National Battlefield, inland waters, streams

Summary

Provide background road features to support Fort Necessity National Battlefield 2013 Wetland Study and 2016 re-creation of data.

Pennsylvania State-wide data were reduced to feature within Fayette County for this purpose.

The following is from original metadata for the State-wide dataset:

Educational, watershed modelling

Description

Streams within Fayette County, Pennsylvania, with edits to features within defined Fort Necessity National Battlefield 2013 Wetland Study Boundary.

The following is from original metadata for the State-wide dataset:

The connected network of streams and waterways of Pennsylvania are indicated as single lines in this coverage. Waterways are given connected topology to show the direction of flow from the headwaters of the stream through the watershed to the extent of the coverage. With ARC Network data can be used for watershed modelling.

Credits

Pennsylvania Department of Environmental Protection

Project-specific edits (to features within defined Fort Necessity National Battlefield 2013 Wetland Study Boundary) by James Farrell, National Park Service, NE Region.

Use limitations

Originator asks to be credited in other derived products.

Extent

West -80.014465 **East** -79.293003
North 40.149407 **South** 39.711142

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 inlandWaters

*CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Fort Necessity National Battlefield, FONE, Fayette County, Pennsylvania, PA

THEME KEYWORDS Fayette County, Pennsylvania, Fort Necessity National Battlefield, inland waters, streams

THESAURUS ►

TITLE ISO 19115 Topic Categories

Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ►

TITLE Fort Necessity National Battlefield 2013 Wetland Study Streams within Fayette County

PUBLICATION DATE 1998-01-01

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

Hide Citation ▲

Citation Contacts ►

RESPONSIBLE PARTY

ORGANIZATION'S NAME Pennsylvania Department of Environmental Protection

CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS

DELIVERY POINT Harrisburg, Pennsylvania

Hide Contact information ▲

RESPONSIBLE PARTY

ORGANIZATION'S NAME Environmental Resources Research Institute

CONTACT'S ROLE originator

[Hide Citation Contacts ▲](#)**Resource Details ▶**

DATASET LANGUAGES English (UNITED STATES)

STATUS completed

SPATIAL REPRESENTATION TYPE vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.3.0.4322

CREDITS

Pennsylvania Department of Environmental Protection

Project-specific edits (to features within defined Fort Necessity National Battlefield 2013 Wetland Study Boundary) by James Farrell, National Park Service, NE Region.

ARCGIS ITEM PROPERTIES

* NAME 20160210_FONE_streams_within_Fayette_County_project

* SIZE 1.048

* LOCATION file:///\\INPNEPH103237\C\$\Users\jefarrell\Desktop\Projects\Current Projects\FONE\20160210_FONE_streams_within_Fayette_County_project.shp

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)**Extents ▶**

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -80.526526

EAST LONGITUDE -74.690402

SOUTH LATITUDE 39.701383

NORTH LATITUDE 42.267753

EXTENT

DESCRIPTION

publication date

TEMPORAL EXTENT

DATE AND TIME 1998-01-01

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
 * WEST LONGITUDE -80.014465
 * EAST LONGITUDE -79.293003
 * NORTH LATITUDE 40.149407
 * SOUTH LATITUDE 39.711142
 * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 584469.106626
 * EAST LONGITUDE 645412.143215
 * SOUTH LATITUDE 4397073.181645
 * NORTH LATITUDE 4444811.532924
 * EXTENT CONTAINS THE RESOURCE Yes

Hide Extents ▲

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Barry M. Evans
 ORGANIZATION'S NAME Environmental Resources Research Institute
 CONTACT'S ROLE publisher

CONTACT INFORMATION ►

PHONE

VOICE 814-863-0104
 FAX 814-865-3378

ADDRESS

TYPE both
 DELIVERY POINT Land Water Building
 CITY University Park
 ADMINISTRATIVE AREA PA
 POSTAL CODE 16802
 COUNTRY US
 E-MAIL ADDRESS bme1@email.psu.edu

Hide Contact information ▲

POINT OF CONTACT

ORGANIZATION'S NAME Pennsylvania Spatial Data Access (PASDA)
 CONTACT'S ROLE distributor

CONTACT INFORMATION ►

PHONE

VOICE 814-865-8792

ADDRESS

TYPE both

DELIVERY POINT 115 Land and Water research building

CITY University Park

ADMINISTRATIVE AREA Pennsylvania

POSTAL CODE 16802

COUNTRY US

E-MAIL ADDRESS pasda@psu.edu

[Hide Contact information ▲](#)

POINT OF CONTACT

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE user

CONTACT INFORMATION ►

PHONE

VOICE 2155979655

ADDRESS

TYPE

E-MAIL ADDRESS james_farrell@nps.gov

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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CONSTRAINTS

LIMITATIONS OF USE

Originator asks to be credited in other derived products.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

* TYPE Projected

* GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983

* PROJECTION NAD_1983_UTM_Zone_17N

* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26917

X ORIGIN -5120900

Y ORIGIN -9998100

XY SCALE 450445547.3910538

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 0.001

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LATEST WELL-KNOWN IDENTIFIER 26917

WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_17N",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["Transverse_Mercator"],PARAMETER
["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER
["Central_Meridian",-81.0],PARAMETER["Scale_Factor",0.9996],PARAMETER
["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26917]]

REFERENCE SYSTEM IDENTIFIER

* VALUE 26917

* CODESPACE EPSG

* VERSION 8.2.6

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME 20160210_FONE_streams_within_Fayette_County_project

* OBJECT TYPE composite

* OBJECT COUNT 2638

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME 20160210_FONE_streams_within_Fayette_County_project

* FEATURE TYPE Simple

* GEOMETRY TYPE Polyline

* HAS TOPOLOGY FALSE

* FEATURE COUNT 2638

* 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 - TOPOLOGICAL CONSISTENCY ►

EVALUATION METHOD

Chain-node topology present. Verified visually.

Hide Data quality report - Topological consistency ▲

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ►

MEASURE DESCRIPTION

Chain-node topology present. Verified visually.

Hide Data quality report - Conceptual consistency ▲

DATA QUALITY REPORT - COMPLETENESS OMISSION ▶

MEASURE DESCRIPTION

Verified against source materials. Entire stream network connected.

Hide Data quality report - Completeness omission ▲

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ▶

MEASURE DESCRIPTION

Conforms to National Mapping Program Geospatial Data Standards. Attribute accuracy has been checked by visual comparison against source materials and peer review at ERRI.

Hide Data quality report - Quantitative attribute accuracy ▲

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ▶

DIMENSION horizontal

MEASURE DESCRIPTION

Data compiled from sources conforming to National Map Accuracy Standards. Checked visually against source materials.

Hide Data quality report - Absolute external positional accuracy ▲

Hide Data Quality ▲

Lineage ▶

LINEAGE STATEMENT

State-wide data were downloaded via pasda.psu.edu and, within ArcGIS v.10.3, Fayette County features were selected, then saved as a subset dataset for the purpose of providing background stream features to support Fort Necessity National Battlefield 2013 Wetland Study and 2016 re-creation of data.

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 1997-01-01

DESCRIPTION

PennDOT coverage was brought into ARC/INFO and positions were corrected and stream networks were connected using a variety of authoritative hard copy maps and real-world observations.

Hide Process step ▲

SOURCE DATA ▶

DESCRIPTION

provided base data

SOURCE MEDIUM NAME CD-ROM

SOURCE CITATION ►

TITLE Major rivers

ALTERNATE TITLES none

PUBLICATION DATE 1995-01-01

RESPONSIBLE PARTY

ORGANIZATION'S NAME Pennsylvania Department of Transportation

CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS

DELIVERY POINT Harrisburg, PA

Hide Contact information ▲

RESPONSIBLE PARTY

ORGANIZATION'S NAME Pennsylvania Department of Transportation

CONTACT'S ROLE originator

Hide Source citation ▲

EXTENT OF THE SOURCE DATA

DESCRIPTION

Telephone call to Dwight MacLean at PennDot, GIS Specialist, 717-787-6036

TEMPORAL EXTENT

DATE AND TIME 1995-01-01

Hide Source data ▲

Hide Lineage ▲

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

ORGANIZATION'S NAME Pennsylvania Spatial Data Access (PASDA)

CONTACT'S ROLE distributor

CONTACT INFORMATION ►

PHONE

VOICE 814-865-8792

ADDRESS

TYPE both
 DELIVERY POINT 115 Land and Water Building
 CITY University Park
 ADMINISTRATIVE AREA Pennsylvania
 POSTAL CODE 16802
 COUNTRY US
 E-MAIL ADDRESS pasda@psu.edu

CONTACT INSTRUCTIONS
 Contact via email

Hide Contact information ▲

AVAILABLE FORMAT

NAME ARC/INFO Export
 FILE DECOMPRESSION TECHNIQUE zip

Hide Distributor ▲

DISTRIBUTION FORMAT

*NAME Shapefile

TRANSFER OPTIONS

*TRANSFER SIZE 1.048

ONLINE SOURCE

LOCATION <http://www.pasda.psu.edu>

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT 20160210_FONE_streams_within_Fayette_County_project ►

*TYPE Feature Class
 *ROW COUNT 2638

FIELD FID ►

*ALIAS FID
 *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 FID ▲](#)

FIELD **ONEWAY** ▶

- * ALIAS ONEWAY
- * DATA TYPE String
- * WIDTH 16
- * PRECISION 0
- * SCALE 0

[Hide Field ONEWAY ▲](#)

FIELD **MAJORSHED** ▶

- * ALIAS MAJORSHED
- * DATA TYPE String
- * WIDTH 3
- * PRECISION 0
- * SCALE 0

[Hide Field MAJORSHED ▲](#)

FIELD **TYPE** ▶

- * ALIAS TYPE
- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0

[Hide Field TYPE ▲](#)

FIELD **WRDS_** ▶

- * ALIAS WRDS_
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 19
- * SCALE 0

[Hide Field WRDS_ ▲](#)

FIELD **STREAMS_** ▶

- * ALIAS STREAMS_
- * DATA TYPE Double
- * WIDTH 11
- * PRECISION 11

* SCALE 0

Hide Field STREAMS_ ▲

FIELD SEGID ►

* ALIAS SEGID

* DATA TYPE String

* WIDTH 30

* PRECISION 0

* SCALE 0

Hide Field SEGID ▲

FIELD RPOLY_ ►

* ALIAS RPOLY_

* DATA TYPE Double

* WIDTH 11

* PRECISION 11

* SCALE 0

Hide Field RPOLY_ ▲

FIELD SHED_SUB2 ►

* ALIAS SHED_SUB2

* DATA TYPE String

* WIDTH 4

* PRECISION 0

* SCALE 0

Hide Field SHED_SUB2 ▲

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 NAME ►

- * ALIAS NAME
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

Hide Field NAME ▲

FIELD STRAHLER ►

- * ALIAS STRAHLER
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 19
- * SCALE 0

Hide Field STRAHLER ▲

FIELD ARCNUM ►

- * ALIAS ARCNUM
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 19
- * SCALE 0

Hide Field ARCNUM ▲

FIELD LENGTH ►

- * ALIAS LENGTH
- * DATA TYPE Double
- * WIDTH 17
- * PRECISION 16
- * SCALE 4

Hide Field LENGTH ▲

FIELD LPOLY_ ►

- * ALIAS LPOLY_
- * DATA TYPE Double
- * WIDTH 11
- * PRECISION 11
- * SCALE 0

Hide Field LPOLY_ ▲

FIELD FNODE_ ▶

- * ALIAS FNODE_
- * DATA TYPE Double
- * WIDTH 11
- * PRECISION 11
- * SCALE 0

Hide Field FNODE_ ▲

FIELD TNODE_ ▶

- * ALIAS TNODE_
- * DATA TYPE Double
- * WIDTH 11
- * PRECISION 11
- * SCALE 0

Hide Field TNODE_ ▲

FIELD STREAMS_ID ▶

- * ALIAS STREAMS_ID
- * DATA TYPE Double
- * WIDTH 11
- * PRECISION 11
- * SCALE 0

Hide Field STREAMS_ID ▲

FIELD SHED_SUB3 ▶

- * ALIAS SHED_SUB3
- * DATA TYPE String
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

Hide Field SHED_SUB3 ▲

FIELD SHED ▶

- * ALIAS SHED
- * DATA TYPE String
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

Hide Field SHED ▲

Hide Details for object 20160210_FONE_streams_within_Fayette_County_project ▲

OVERVIEW DESCRIPTION ▶**ENTITY AND ATTRIBUTE OVERVIEW**

Coverage attribute tables contain the following for stream segments and nodes.

NETSTREAMS.AAT: COLUMN ITEM NAME WIDTH OUTPUT TYPE N.DEC ALTERNATE NAME
 1 FNODE# 4 5 B - 5 TNODE# 4 5 B - 9 LPOLY# 4 5 B - 13 RPOLY# 4 5 B - 17 LENGTH 8
 18 F 5 25 NETSTREAMS# 4 5 B - 29 NETSTREAMS-ID 4 5 B - 33 WRDS# 6 6 I - 39 TYPE
 1 1 C - NETSTREAMS.NAT: COLUMN ITEM NAME WIDTH OUTPUT TYPE N.DEC ALTERNATE
 NAME 1 ARC# 4 5 B - 5 NETSTREAMS# 4 5 B - 9 NETSTREAMS-ID 4 5 B -

ENTITY AND ATTRIBUTE DETAIL CITATION

none

Hide Overview Description ▲

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 2016-02-10

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE FGDC CSDGM Metadata

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-02-10 11:09:49

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-02-10 12:54:43

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-02-10 12:54:43

Hide Metadata Details ▲

Metadata Contacts ▶**METADATA CONTACT**

ORGANIZATION'S NAME Pennsylvania Spatial Data Access (PASDA)

CONTACT'S ROLE distributor

CONTACT INFORMATION ►

PHONE

VOICE 814-865-8792

ADDRESS

TYPE both

DELIVERY POINT 115 Land and Water research building

CITY University Park

ADMINISTRATIVE AREA Pennsylvania

POSTAL CODE 16802

COUNTRY US

E-MAIL ADDRESS pasda@psu.edu[Hide Contact information ▲](#)

METADATA CONTACT

ORGANIZATION'S NAME Pennsylvania Department of Environmental Protection

CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS

DELIVERY POINT Harrisburg, Pennsylvania

[Hide Contact information ▲](#)

METADATA CONTACT

INDIVIDUAL'S NAME James Farrell

ORGANIZATION'S NAME DOI National Park Service, Northeast Region Natural Resources and Science

CONTACT'S POSITION GIS Specialist

CONTACT'S ROLE user

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PHONE

VOICE 2155979655

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TYPE

E-MAIL ADDRESS james_farrell@nps.gov[Hide Contact information ▲](#)[Hide Metadata Contacts ▲](#)**Metadata Maintenance** ►

MAINTENANCE

UPDATE FREQUENCY not planned

OTHER MAINTENANCE REQUIREMENTS

Last metadata review date: 19980911

Hide Metadata Maintenance ▲

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼