Potentiometric Surface Map of the Unconsolidated Aquifers of Johnson County, Indiana

Shapefile

Thumbnail Not Available
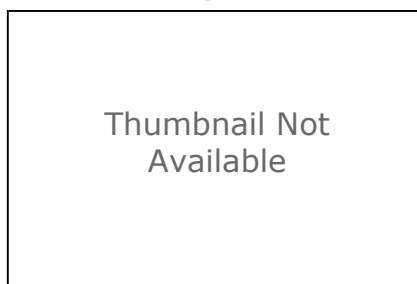
Tags

Unconsolidated potentiometric surface, Johnson County, Indiana, USA

Summary

Display and/or analyses requiring spatial distribution of potentimetric surface elevations in Johnson County.

Description

This file is a digital geospatial polyline coverage of the unconsolidated potentiometric surface elevations mapped for Johnson County in Indiana.

Credits

There are no credits for this item.

Use limitations

Acknowledgement of the following agency in products derived from these data: Indiana Department of Natural Resources, Division of Water. This map was compiled by staff of the Indiana Department of Natural Resources, Division of Water using data believed to be reasonably accurate. However, a degree of error is inherent in all maps. This product is distributed "as-is" without warranties of any kind, either expressed or implied. The maps are intended for use only at the published scale. The information on these media is proprietary to the State of Indiana, Indiana Department of Natural Resources, Division of Water. Any copying, adaptation, or distribution of these data without the express written consent of IDNR-DOW is discouraged. It is not recommended that these data be used for purposes other than general estimate of static water level elevations. Site specific conditions may vary considerably from mapped estimates.

Extent

West -85.224803   **East** -84.80548
North 40.012109   **South** 39.709138

Scale Range

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

ArcGIS Metadata ►

Topics and Keywords ▶

* CONTENT TYPE   Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION   No

PLACE KEYWORDS   Johnson County, Indiana, USA

THEME KEYWORDS   unconsolidated potentiometric surface

Hide Topics and Keywords ▲

Citation ▶

TITLE   Potentiometric Surface Map of the Unconsolidated Aquifers of Johnson County, Indiana
PUBLICATION DATE   2016-09-01   00:00:00

EDITION   1

PRESENTATION FORMATS   digital map
FGDC GEOSPATIAL PRESENTATION FORMAT   vector digital data

SERIES
NAME   Unconsolidated Potentiometric Surface Map
ISSUE   PSM 17-A

OTHER CITATION DETAILS
This map was compiled from multiple unpublished work maps based on USGS quadrangles at 1:24,000 scale: Acton, Bargersville, Beanblossom, Beech Grove, Boggstown, Cope, Edinburgh, Franklin, Greenwood, Marietta, Maywood, Mooresville East, Morgantown, Nineveh and Trafalger.

Hide Citation ▲

Citation Contacts ▶

RESPONSIBLE PARTY
ORGANIZATION'S NAME   Randal D. Maier, IDNR Division of Water, Resource Assessment Section
CONTACT'S ROLE   originator

RESPONSIBLE PARTY
ORGANIZATION'S NAME   Indiana Department of Natural Resources, Division of Water
CONTACT'S ROLE   publisher

CONTACT INFORMATION   ▶
ADDRESS
TYPE
DELIVERY POINT   Indianapolis, Indiana, USA

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 10.3.1.4959

ARCGIS ITEM PROPERTIES
   * NAME   unc_PSM_Johnson_co_in
   * SIZE   0.563
   * LOCATION   file://\\iotisip01pa\dnrgis$\!Potentiometric\Johnson_2015\1_Web_Products\updated shapefiles to zip\unc_PSM_Johnson_co_in.shp
      * ACCESS PROTOCOL   Local Area Network

Hide Resource Details ▲

Extents ▶

EXTENT
   DESCRIPTION
      publication date

   TEMPORAL EXTENT
      DATE AND TIME   2016-09-01   00:00:00

EXTENT
   GEOGRAPHIC EXTENT
      BOUNDING RECTANGLE
         EXTENT TYPE   Extent used for searching
         WEST LONGITUDE   -85.224803
         EAST LONGITUDE   -84.80548
         SOUTH LATITUDE   39.709138
         NORTH LATITUDE   40.012109

EXTENT
   GEOGRAPHIC EXTENT
      BOUNDING RECTANGLE
         EXTENT TYPE   Extent used for searching
         * WEST LONGITUDE   -86.253023
         * EAST LONGITUDE   -85.949076
         * NORTH LATITUDE   39.640424
         * SOUTH LATITUDE   39.346844
         * EXTENT CONTAINS THE RESOURCE   Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
   * WEST LONGITUDE   564363.272800
   * EAST LONGITUDE   590179.259116
   * SOUTH LATITUDE   4355789.534800
   * NORTH LATITUDE   4388117.781136
   * EXTENT CONTAINS THE RESOURCE   Yes

Hide Extents ▲

Resource Points of Contact ▶

POINT OF CONTACT
    INDIVIDUAL'S NAME   Randal D. Maier
    ORGANIZATION'S NAME   Indiana Department of Natural Resources, Division of Water
    CONTACT'S POSITION   Resource Assessment Section
    CONTACT'S ROLE   point of contact

        CONTACT INFORMATION   ▶
        PHONE
            VOICE   317-232-4160
            FAX   317-233-4579

        ADDRESS
            TYPE   both
            DELIVERY POINT   402 W. Washington Street W264
            CITY   Indianapolis
            ADMINISTRATIVE AREA   Indiana
            POSTAL CODE   46204
            COUNTRY   US
            E-MAIL ADDRESS   rmaier@dnr.IN.gov

        HOURS OF SERVICE
            8:15am - 4:15pm M-F except Government Holidays

        Hide Contact information ▲

    Hide Resource Points of Contact ▲

Resource Maintenance   ▶

    RESOURCE MAINTENANCE
        UPDATE FREQUENCY   not planned

    Hide Resource Maintenance ▲

Resource Constraints   ▶

    LEGAL CONSTRAINTS
    LIMITATIONS OF USE
        The Indiana Department of Natural Resources, Division of Water has compiled this data set using data believed to be reasonably accurate. However, the Division makes no representation as to the accuracy, completeness, or usefulness of the data or data set. A degree of error is inherent in all maps. This map is intended for use only at the published scale. Reference to any specific commercial product, process, or service does not constitute an endorsement, recommendation, or favoring by the Division. Copyright 2016, Indiana Department of Natural Resources, Division of Water All Rights Reserved Any copying, adaptation, or distribution of these data without the express written consent of the Indiana Department of Natural Resources, Division of Water is discouraged.

    OTHER CONSTRAINTS
        This file is available to anyone, but access may be contingent on written request, specific terms relevant to the agency or person making the request, and/or current freedom of information statutes in the State of Indiana.

    CONSTRAINTS
    LIMITATIONS OF USE
        Acknowledgement of the following agency in products derived from these data: Indiana

Department of Natural Resources, Division of Water. This map was compiled by staff of the Indiana Department of Natural Resources, Division of Water using data believed to be reasonably accurate. However, a degree of error is inherent in all maps. This product is distributed "as-is" without warranties of any kind, either expressed or implied. The maps are intended for use only at the published scale. The information on these media is proprietary to the State of Indiana, Indiana Department of Natural Resources, Division of Water. Any copying, adaptation, or distribution of these data without the express written consent of IDNR-DOW is discouraged. It is not recommended that these data be used for purposes other than general estimate of static water level elevations. Site specific conditions may vary considerably from mapped estimates.

Hide Resource Constraints ▲

Spatial Reference ►

ARCGIS COORDINATE SYSTEM
* TYPE   Projected
* GEOGRAPHIC COORDINATE REFERENCE   GCS_North_American_1983
* PROJECTION   NAD_1983_UTM_Zone_16N
* COORDINATE REFERENCE DETAILS
  PROJECTED COORDINATE SYSTEM
    WELL-KNOWN IDENTIFIER   26916
    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   26916
    WELL-KNOWN TEXT   PROJCS["NAD_1983_UTM_Zone_16N",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",-87.0],PARAMETER["Scale_Factor",0.9996],PARAMETER["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26916]]

REFERENCE SYSTEM IDENTIFIER
* VALUE   26916
* CODESPACE   EPSG
* VERSION   8.6.2

Hide Spatial Reference ▲

Spatial Data Properties ►

VECTOR   ►
* LEVEL OF TOPOLOGY FOR THIS DATASET   geometry only

GEOMETRIC OBJECTS
  FEATURE CLASS NAME   unc_PSM_Johnson_co_in

* OBJECT TYPE   composite
* OBJECT COUNT   55

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES   ►
FEATURE CLASS NAME   unc_PSM_Johnson_co_in
* FEATURE TYPE   Simple
* GEOMETRY TYPE   Polyline
* HAS TOPOLOGY   FALSE
* FEATURE COUNT   55
* SPATIAL INDEX   TRUE
* LINEAR REFERENCING   FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Data Quality ►

SCOPE OF QUALITY INFORMATION   ►
RESOURCE LEVEL   dataset

Hide Scope of quality information ▲

DATA QUALITY REPORT - COMPLETENESS OMISSION   ►
MEASURE DESCRIPTION
In conducting the mapping, the author(s) evaluated hundreds of water well records, especially those having relatively complete information on well location, static water level, well depth, ground elevation, and lithology. There were areas in the county with sparse information because of lack of well records or incomplete records.

Hide Data quality report - Completeness omission ▲

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY   ►
MEASURE DESCRIPTION
The mapping was conducted after a thorough documentation of well locations and water well record details.

Hide Data quality report - Quantitative attribute accuracy ▲

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY   ►
DIMENSION   horizontal

MEASURE DESCRIPTION
The locations of many wells were field checked and the locations posted on 7.5 minute topographic maps. Visual confirmation of wells was not always possible. Many locations were based only on the street address, driving directions, or other location information provided on the well record.

Hide Data quality report - Absolute external positional accuracy ▲

Hide Data Quality ▲

Lineage ►

PROCESS STEP ►
WHEN THE PROCESS OCCURRED   2016-04-01   00:00:00
DESCRIPTION
The hand-drawn work maps (scale 1:24,000) showing lines of equal potentiometric surface elevation were digitized and edge matched in ESRI ArcEdit (ArcScan) by Randal D. Maier. The maps were individually georeferenced using a minimum of 4 tics per map. Projection was UTM, Zone 16, NAD83.

Hide Process step ▲

PROCESS STEP ►
WHEN THE PROCESS OCCURRED   2016-04-01   00:00:00
DESCRIPTION
After the maps were joined, a polyline coverage was created and attributed by Randal D. Maier. Attribute definitions are described below.

PROCESS CONTACT
INDIVIDUAL'S NAME   Randal D. Maier
ORGANIZATION'S NAME   Indiana Department of Natural Resources, Division of Water
CONTACT'S POSITION   Resource Assessment Section
CONTACT'S ROLE   processor

CONTACT INFORMATION   ►
PHONE
VOICE   317-232-4160
FAX   317-233-4579

ADDRESS
TYPE   both
DELIVERY POINT   402 West Washington Street, W264
CITY   Indianapolis
ADMINISTRATIVE AREA   Indiana
POSTAL CODE   46204
COUNTRY   US
E-MAIL ADDRESS   rmaier@dnr.IN.gov

HOURS OF SERVICE
8:15 am - 4:15 pm M-F except Government Holidays

Hide Contact information ▲

Hide Process step ▲

PROCESS STEP ▶
  WHEN THE PROCESS OCCURRED   2016-04-01   00:00:00
  DESCRIPTION
    Data were selected by careful evaluation of water well records to determine if the wells
    were field located and if they contained complete and reasonable information.

  SOURCE DATA ▶
    RELATIONSHIP TO THE PROCESS STEP   used

    SOURCE CITATION ▶
      ALTERNATE TITLES   IDNR-DOW records for domestic and other supply wells submitted by
      water well drillers from 1959-2013

      Hide Source citation ▲

    Hide Source data ▲

  Hide Process step ▲

PROCESS STEP ▶
  WHEN THE PROCESS OCCURRED   2016-04-01   00:00:00
  DESCRIPTION
    After selection of water well records was complete, specific well data and other maps and
    reports were considered in the mapping process. For example, ground elevation, static
    water level, well depth, aquifer top and bottom elevation and lithology were obtained
    from well records. Other maps and reports included regional potentiometric surface
    elevations, hydrogeologic settings, ground-water availability, bedrock topography, and
    surface topography.

  SOURCE DATA ▶
    RELATIONSHIP TO THE PROCESS STEP   used

    SOURCE CITATION ▶
      ALTERNATE TITLES   IDNR-DOW water well records for domestic and other supply wells
      submitted by water well drillers from 1959-2013
      CREATION DATE   2016-09-13   00:00:00
      PUBLICATION DATE   2016-09-13   00:00:00

      Hide Source citation ▲

    Hide Source data ▲

  Hide Process step ▲

SOURCE DATA ▶
  DESCRIPTION
    Water well records from the IDNR-DOW well record database; USGS topography maps;

various consultant geotechnical reports

RESOLUTION OF THE SOURCE DATA
  SCALE DENOMINATOR   0

SOURCE CITATION   ▶
  TITLE   Potentiometric Surface Map of Johnson County, Indiana
  ALTERNATE TITLES   Potentiometric Surface Map of Johnson County, Indiana
  PUBLICATION DATE   2012-09-01   00:00:00
  CREATION DATE   2012-09-01   00:00:00

  EDITION   1

  FGDC GEOSPATIAL PRESENTATION FORMAT   map, vector digital data

  SERIES
    NAME   Unconsolidated Potentiometric Surface Map
    ISSUE   PSM 17-A

  RESPONSIBLE PARTY
    ORGANIZATION'S NAME   Randal D. Maier, IDNR Division of Water, Resource Assessment Section
    CONTACT'S ROLE   originator

  RESPONSIBLE PARTY
    ORGANIZATION'S NAME   Indiana Department of Natural Resources, Division of Water
    CONTACT'S ROLE   publisher

      CONTACT INFORMATION   ▶
        ADDRESS
          TYPE
          DELIVERY POINT   Indianapolis, IN

      Hide Contact information ▲

  Hide Source citation ▲

  EXTENT OF THE SOURCE DATA
    DESCRIPTION
      publication date

    TEMPORAL EXTENT
      DATE AND TIME   2016-09-13   00:00:00

  Hide Source data ▲

  Hide Lineage ▲

Geoprocessing history   ▶

PROCESS
  PROCESS NAME
  DATE   2012-08-28   11:12:15
  TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management

Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Static_E 640 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-08-28   11:14:04
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Static_E 650 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-08-28   11:14:30
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Static_E 660 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-08-28   11:15:11
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Static_E 670 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

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DATE   2012-08-28   11:15:57
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

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DATE   2012-08-28   11:16:22
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Static_E 690 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-08-28   11:16:49
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Static_E 700 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

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PROCESS NAME
DATE 2012-08-28 11:17:22
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
    CalculateField jonuncpoly Static_E 710 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:18:01
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
    CalculateField jonuncpoly Static_E 720 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:18:43
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
    CalculateField jonuncpoly Static_E 730 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:19:07
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:19:33
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:20:33
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
    CalculateField jonuncpoly Static_E 760 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

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PROCESS NAME
DATE 2012-08-28 11:21:36
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField

COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:22:11
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:22:58
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COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:24:04
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:24:52
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
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TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
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DATE 2012-08-28 11:26:56
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS

PROCESS NAME
DATE 2012-08-28 11:27:21
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:28:01
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
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COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:29:15
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
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CalculateField jonuncpoly Static_E 760 VB #
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:29:54
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
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CalculateField jonuncpoly Static_E 800 VB #
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:31:00
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Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

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PROCESS NAME
DATE 2012-08-28 11:31:35
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
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CalculateField jonuncpoly Static_E 740 VB #
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:32:21
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED

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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
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DATE   2012-08-28   11:32:49
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

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COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
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DATE   2012-08-28   11:36:52
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
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TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
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TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
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CalculateField jonuncpoly Static_E 680 VB #
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME

DATE 2012-08-28 11:38:24
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
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INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2012-08-28 11:38:52
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
    CalculateField jonuncpoly Static_E 680 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

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PROCESS NAME
DATE 2012-08-28 11:39:30
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
    CalculateField jonuncpoly Static_E 660 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

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PROCESS NAME
DATE 2012-08-28 11:39:58
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
    CalculateField jonuncpoly Static_E 650 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
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DATE 2012-08-28 11:40:18
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
    CalculateField jonuncpoly Static_E 660 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2012-09-06 08:25:28
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
    CalculateField jonuncpoly Static_E 780 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS
PROCESS NAME
DATE 2012-09-06 09:17:22
TOOL LOCATION C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
    CalculateField jonuncpoly Type approximate VB #

INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-09-06   09:17:42
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Type approximate VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-09-06   09:19:11
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Type approximate VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-09-06   09:28:03
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Type approximate VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-09-06   09:30:40
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Type approximate VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-09-06   09:48:45
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Type approximate VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-09-06   10:07:56
TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
   CalculateField jonuncpoly Type Approximate VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
PROCESS NAME
DATE   2012-10-11   08:17:51

TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
COMMAND ISSUED
  CalculateField jonuncpoly Static_E 640 VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS
  PROCESS NAME
  DATE   2012-10-11 08:18:32
  TOOL LOCATION   C:\Program Files\ArcGIS\Desktop10.0\ArcToolbox\Toolboxes\Data Management
Tools.tbx\CalculateField
  COMMAND ISSUED
    CalculateField jonuncpoly Static_E 640 VB #
  INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

Hide Geoprocessing history ▲

Distribution ►

DISTRIBUTOR   ►
  CONTACT INFORMATION
    INDIVIDUAL'S NAME   Randal D. Maier
    ORGANIZATION'S NAME   Indiana Department of Natural Resources, Division of Water
    CONTACT'S POSITION   Resource Assessment Section
    CONTACT'S ROLE   distributor

      CONTACT INFORMATION   ►
        PHONE
          VOICE   317-232-4160
          FAX   317-233-4579

        ADDRESS
          TYPE   both
          DELIVERY POINT   402 W. Washington Street W264
          CITY   Indianapolis
          ADMINISTRATIVE AREA   Indiana
          POSTAL CODE   46204
          COUNTRY   US
          E-MAIL ADDRESS   rmaier@dnr.IN.gov

        HOURS OF SERVICE
          8:15am - 4:15pm M-F except Government Holidays

      Hide Contact information ▲

  AVAILABLE FORMAT
    NAME   VPF
    FILE DECOMPRESSION TECHNIQUE   no compression applied

  ORDERING PROCESS
    DATE OF AVAILABILITY   2016-09-01 00:00:00

  TRANSFER OPTIONS
    ONLINE SOURCE
      LOCATION   http://www.in.gov/dnr/water/7256.htm

  TRANSFER OPTIONS

ONLINE SOURCE
DESCRIPTION   Data and Map

Hide Distributor ▲

DISTRIBUTION FORMAT
* NAME   Shapefile

TRANSFER OPTIONS
* TRANSFER SIZE   0.563

ONLINE SOURCE
LOCATION   none

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT unc_PSM_Johnson_co_in ►
* TYPE   Feature Class
* ROW COUNT   55

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 STATIC_E ►
* ALIAS   Static_E
* DATA TYPE   SmallInteger
* WIDTH   4
* PRECISION   4
* SCALE   0

Hide Field STATIC_E ▲

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 ▲

  Hide Details for object unc_PSM_Johnson_co_in ▲

  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   2016-09-26

  ARCGIS METADATA PROPERTIES
    METADATA FORMAT   ArcGIS 1.0
    METADATA STYLE   Item Description
    STANDARD OR PROFILE USED TO EDIT METADATA   FGDC

    CREATED IN ARCGIS FOR THE ITEM   2016-09-12   13:07:52
    LAST MODIFIED IN ARCGIS FOR THE ITEM   2016-09-26   84:83:90

    AUTOMATIC UPDATES
      HAVE BEEN PERFORMED   Yes
      LAST UPDATE   2016-09-26   08:48:02

    ITEM LOCATION HISTORY
      ITEM COPIED OR MOVED   2012-10-30   13:57:50
        FROM   J:\!Potentiometric\Johnson\PSM review\unc_psm_johnson_co_in
        TO   \\iotfilp19pw\dnr\dow\TS\Water_Resources_and_Rights\!
        Potentiometric\Johnson\Shapefiles\unc_psm_johnson_co_in

  Hide Metadata Details ▲

Metadata Contacts ►

  METADATA CONTACT
    INDIVIDUAL'S NAME   Randal D. Maier
    ORGANIZATION'S NAME   Indiana Department of Natural Resources, Division of Water
    CONTACT'S ROLE   point of contact

CONTACT INFORMATION ►
  PHONE
    VOICE 317-232-4160
    FAX 317-233-4579

  ADDRESS
    TYPE both
    DELIVERY POINT 402 W. Washington Street W264
    CITY Indianapolis
    ADMINISTRATIVE AREA Indiana
    POSTAL CODE 46204
    COUNTRY US
    E-MAIL ADDRESS rmaier@dnr.IN.gov

  HOURS OF SERVICE
    8:15am - 4:15pm M-F except Government Holidays

Hide Contact information ▲

Hide Metadata Contacts ▲

FGDC Metadata (read-only) ▼