

MS_Sand_and_Gravel_Operations

Shapefile



Tags

Georgia, Oregon, Sand and gravel, United States, Nebraska, Minnesota, West Virginia, South Dakota, Wyoming, Arizona, Kansas, Pennsylvania, Missouri, Vermont, Montana, Hawaii, Oklahoma, North Carolina, Iowa, Nevada, Indiana, Washington, Wisconsin, Texas, Mines, Florida, Geoscientific information, New Mexico, Kentucky, Mississippi, California, Idaho, Illinois, South Carolina, Arkansas, North Dakota, Louisiana, Maine, Alaska, Colorado, Alabama, Mining operations, Utah, Mineral operations, New Jersey, New York, Minerals, New Hampshire, economy, Rhode Island, Economy, Virginia, Massachusetts, Maryland, Michigan, Tennessee, Aggregates, Ohio, Delaware, Connecticut

Summary

This dataset represents sand and gravel operations in the United States. These data were obtained from information reported voluntarily to the USGS by the aggregate producing companies. The data represent commodities covered by the Minerals Information Team (MIT) of the U.S. Geological Survey, and the operations are those considered active in 2002 with production greater than 50,000 tons, which are non-government, non-portable, and surveyed by the MIT.

Description

This dataset represents sand and gravel operations in the United States. These data were obtained from information reported voluntarily to the USGS by the aggregate producing companies. The data represent commodities covered by the Minerals Information Team (MIT) of the U.S. Geological Survey, and the operations are those considered active in 2002 with production greater than 50,000 tons, which are non-government, non-portable, and surveyed by the MIT. These data are intended for the geographic display and analysis at the national level, and for large regional areas. The data should be displayed and analyzed at scales appropriate for 1:2,000,000-scale data. **** NOTE April 2017, MARIS staff extracted the MS portion of this data set for distribution ****

Credits

The following USGS scientists contributed to this map layer: Jason Christopher Willett, Wallace Bolen, Matthew Brady, Susan Copeland, Cheryl Crawford, Roxanne DeLong, Cara Doud, Gabe Durand, Patricia Egger, Jennifer James, Brian Jaskula, Lucy McCartan, Nicholas Muniz, Feri Naghdi, Lloyd Southam, Robyn Tapper, and Valentin Tepordei.

Use limitations

Access Constraint: None (Public Domain Information) Use Constraint: None (Public Use) Use Limitations: No warranty expressed or implied is made by the U.S. Geological Survey regarding the utility of the data on any other system, nor shall the act of distribution constitute any such warranty. No responsibility is assumed by the U.S. Geological Survey in the use of these data.

Extent

West -91.347095 **East** -88.237457

North 34.940483 South 30.374051

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 economy

* CONTENT TYPE Downloadable Data

PLACE KEYWORDS Georgia, Oregon, United States, Nebraska, Minnesota, West Virginia, South Dakota, Wyoming, Arizona, Kansas, Pennsylvania, Missouri, Vermont, Montana, Hawaii, Oklahoma, North Carolina, Iowa, Nevada, Indiana, Washington, Wisconsin, Texas, Florida, New Mexico, Kentucky, Mississippi, California, Idaho, Illinois, South Carolina, Arkansas, North Dakota, Louisiana, Maine, Alaska, Colorado, Alabama, Utah, New Jersey, New York, New Hampshire, Rhode Island, Virginia, Massachusetts, Maryland, Michigan, Tennessee, Ohio, Delaware, Connecticut

THESAURUS ►

TITLE U.S. Department of Commerce, 1995, Countries, Dependencies, Areas of Special Sovereignty, and Their Principal Administrative Divisions (Federal Information Processing Standard (FIPS) 10-4): Washington, DC, National Institute of Standards and Technology.

[Hide Thesaurus ▲](#)

THEME KEYWORDS Sand and gravel, Mines, Geoscientific information, Mining operations, Mineral operations, Minerals, Economy, Aggregates

THEME KEYWORDS economy

THESAURUS ►

TITLE ISO 19115 Topic Categories

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

Citation ►

* TITLE MS_Sand_and_Gravel_Operations

PUBLICATION DATE 2005-06-01

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

[Hide Citation](#) ▲

Citation Contacts ►

RESPONSIBLE PARTY

ORGANIZATION'S NAME National Atlas of the United States

CONTACT'S ROLE publisher

[Hide Citation Contacts](#) ▲

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)

STATUS completed

SPATIAL REPRESENTATION TYPE vector

SUPPLEMENTAL INFORMATION

Additional minerals operations information can be obtained from the U.S. Geological Survey Minerals Information web page at <<http://minerals.usgs.gov/minerals/>>.

* **PROCESSING ENVIRONMENT** Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.4.1.5686

CREDITS

The following USGS scientists contributed to this map layer: Jason Christopher Willett, Wallace Bolen, Matthew Brady, Susan Copeland, Cheryl Crawford, Roxanne DeLong, Cara Doud, Gabe Durand, Patricia Egger, Jennifer James, Brian Jaskula, Lucy McCartan, Nicholas Muniz, Feri Naghdi, Lloyd Southam, Robyn Tapper, and Valentin Tepordei.

ARCGIS ITEM PROPERTIES

* **NAME** MS_Sand_and_Gravel_Operations

* **SIZE** 0.002

* **LOCATION** file://\\SWALKER-PC\E\$\DATA\HISN_2017\MS_Sand_and_Gravel_Operations.shp

* **ACCESS PROTOCOL** Local Area Network

[Hide Resource Details](#) ▲

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -156.464

EAST LONGITUDE -68.2981

SOUTH LATITUDE 20.84

NORTH LATITUDE 64.85

EXTENT

DESCRIPTION

ground condition

TEMPORAL EXTENT

DATE AND TIME 2002-01-01

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -91.347095

* EAST LONGITUDE -88.237457

* NORTH LATITUDE 34.940483

* SOUTH LATITUDE 30.374051

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 354097.760055

* EAST LONGITUDE 638175.559327

* SOUTH LATITUDE 1065297.702712

* NORTH LATITUDE 1570646.939999

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Valentin Tepordei

ORGANIZATION'S NAME U.S. Geological Survey

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE 703-648-7728

ADDRESS

TYPE postal

DELIVERY POINT 983 National Center

CITY Reston

ADMINISTRATIVE AREA VA

POSTAL CODE 20192

E-MAIL ADDRESS vtepordei@usgs.gov

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY irregular

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

Although these data have been processed successfully on a computer system at the U.S. Geological Survey, no warranty expressed or implied is made by the U.S. Geological Survey regarding the utility of the data on any other system, nor shall the act of distribution constitute any such warranty.

OTHER CONSTRAINTS

Access Constraint: None (Public Domain Information)

CONSTRAINTS

LIMITATIONS OF USE

Access Constraint: None (Public Domain Information) Use Constraint: None (Public Use) Use Limitations: No warranty expressed or implied is made by the U.S. Geological Survey regarding the utility of the data on any other system, nor shall the act of distribution constitute any such warranty. No responsibility is assumed by the U.S. Geological Survey in the use of these data.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_Mississippi_TM
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102609
X ORIGIN -5122200
Y ORIGIN -12297100
XY SCALE 450339697.45066422
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 3814

WELL-KNOWN TEXT

PROJCS["NAD_1983_Mississippi_TM",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",1300000.0],PARAMETER["Central_Meridian",-89.75],PARAMETER["Scale_Factor",0.9998335],PARAMETER["Latitude_Of_Origin",32.5],UNIT["Meter",1.0],AUTHORITY["EPSG",3814]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 3814
- * CODESPACE EPSG
- * VERSION 6.17.1(10.0.0)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME MS_Sand_and_Gravel_Operations

* OBJECT TYPE point

* OBJECT COUNT 54

[Hide Vector ▲](#)

INDIRECT SPATIAL REFERENCING

U.S. Department of Commerce, 1987, Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas (FIPS 5-2): Washington, DC, National Institute of Standards and Technology. U.S. Department of Commerce, 1990, Counties and Equivalent Entities of the United States, Its Possessions, and Associated Areas, (FIPS 6-4): Washington, DC, National Institute of Standards and Technology.

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME MS_Sand_and_Gravel_Operations

* OBJECT TYPE point

* OBJECT COUNT 54

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME MS_Sand_and_Gravel_Operations

* FEATURE TYPE Simple

* GEOMETRY TYPE Point

* HAS TOPOLOGY FALSE

* FEATURE COUNT 54

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

ORGANIZATION'S NAME Earth Science Information Center, U.S. Geological Survey
CONTACT'S ROLE distributor

CONTACT INFORMATION ►

PHONE

VOICE 703-648-5920
VOICE 1-888-ASK-USGS (1-888-275-8747)

ADDRESS

TYPE postal
DELIVERY POINT 507 National Center
CITY Reston
ADMINISTRATIVE AREA VA
POSTAL CODE 20192

CONTACT INSTRUCTIONS

In addition to the address above there are other ESIC offices throughout the country. A full list of these offices is at <http://geography.usgs.gov/esic/esic_index.html>.

Hide Contact information ▲

AVAILABLE FORMAT

NAME SDTS

ORDERING PROCESS

TERMS AND FEES There is no charge for the map layer.

TRANSFER OPTIONS

TRANSFER SIZE 0.079

ONLINE SOURCE

LOCATION <<http://nationalatlas.gov/atlasftp.html>>

TRANSFER OPTIONS

TRANSFER SIZE 0.079

ONLINE SOURCE

LOCATION <<http://nationalatlas.gov/atlasftp.html>>

Hide Distributor ▲

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.002

ONLINE SOURCE

LOCATION HSIP 2015

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT [MS_Sand_and_Gravel_Operations](#) ►

- * TYPE Feature Class
- * ROW COUNT 54

DEFINITION

Facilities that extract, process, and (or) distribute sand and gravel for construction.

DEFINITION SOURCE

U.S. Geological Survey, Minerals Information Team

FIELD [Latitude](#) ►

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

FIELD DESCRIPTION

Angular distance measured on a meridian north or south from the equator.

DESCRIPTION SOURCE

Department of Commerce, 1992, Spatial Data Transfer Standard.

RANGE OF VALUES

MINIMUM VALUE 20.84
MAXIMUM VALUE 64.85
UNITS OF MEASURE Decimal degrees

Hide Field Latitude ▲

FIELD [County](#) ►

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

FIELD DESCRIPTION

The name of the county or county equivalent in which the facility is located.

DESCRIPTION SOURCE

U.S. Geological Survey, Minerals Information Team

CODED VALUES

NAME OF CODELIST Counties and Equivalent Entities of the United States, Its Possessions, and Associated Areas, FIPS 6-4, 1990.
SOURCE U.S. Department of Commerce, National Institute of Standards and Technology

Hide Field County ▲

FIELD FID_1 ►

- * ALIAS FID_1
- * DATA TYPE Integer
- * WIDTH 10
- * PRECISION 10
- * SCALE 0

[Hide Field FID_1 ▲](#)

FIELD State_fips ►

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

FIELD DESCRIPTION

The two-digit code for the State in which the facility is located.

DESCRIPTION SOURCE

National Atlas of the United States

CODED VALUES

NAME OF CODELIST Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas; (Federal Information Processing Standard (FIPS) 5-2): Washington, DC, National Institute of Standards and Technology.

SOURCE U.S. Department of Commerce

[Hide Field State_fips ▲](#)

FIELD Commodity ►

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

FIELD DESCRIPTION

The mineral(s) produced or processed by the facility.

DESCRIPTION SOURCE

U.S. Geological Survey, Minerals Information Team

CODED VALUES

NAME OF CODELIST Mineral Commodity Summary, 1998 or
<<http://minerals.er.usgs.gov/minerals/pubs/mcs/>>.

SOURCE U.S. Geological Survey, Minerals Information Team

[Hide Field Commodity ▲](#)

FIELD **Comp_name** ▶

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

FIELD DESCRIPTION

The name of the company which operates the facility.

DESCRIPTION SOURCE

U.S. Geological Survey, Minerals Information Team

DESCRIPTION OF VALUES

There is no predefined set of valid company names.

Hide Field Comp_name ▲

FIELD **State** ▶

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

FIELD DESCRIPTION

The 2-character code for the State in which the facility is located.

DESCRIPTION SOURCE

U.S. Geological Survey, Minerals Information Team

CODED VALUES

NAME OF CODELIST Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas, FIPS 5-2, 1987.

SOURCE U.S. Department of Commerce, National Institute of Standards and Technology

Hide Field State ▲

FIELD **Shape** ▶

- * ALIAS Shape
- * DATA TYPE Geometry
- * WIDTH 0
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The representation of the entity in the data.

DESCRIPTION SOURCE

National Atlas of the United States

LIST OF VALUES

VALUE Point

DESCRIPTION 0-dimensional element

ENUMERATED DOMAIN VALUE DEFINITION SOURCE ESRI GIS software

DESCRIPTION OF VALUES

Coordinates defining the features.

Hide Field Shape ▲

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 Oper_type ►

* ALIAS OPER_TYPE

* DATA TYPE String

* WIDTH 80

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The type of sand and gravel operation.

DESCRIPTION SOURCE

U.S. Geological Survey, Minerals Information Team

LIST OF VALUES

VALUE Dredge

DESCRIPTION Large floating machinery equipped with excavating devices (scooping or suction) used for underwater mining.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team

VALUE Open pit

DESCRIPTION A sand and gravel mining operation.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team

VALUE Sales yard

DESCRIPTION A location where aggregates are being shipped from mining sites, usually by rail, for sale or distribution to highly populated areas.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team

VALUE Not available

DESCRIPTION The facility is a sand and gravel operation but no other information is available.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team

Hide Field Oper_type ▲

FIELD Fips ►

* **ALIAS** FIPS

* **DATA TYPE** String

* **WIDTH** 80

* **PRECISION** 0

* **SCALE** 0

FIELD DESCRIPTION

The 5-digit FIPS code for the State and county in which the facility is located. The first two digits are the State code, and the last three digits are the county code.

DESCRIPTION SOURCE

National Atlas of the United States

CODED VALUES

NAME OF CODELIST Counties and Equivalent Entities of the United States, Its Possessions, and Associated Areas (Federal Information Processing Standard (FIPS) 6-4): Washington, DC, National Institute of Standards and Technology.

SOURCE U.S. Department of Commerce

Hide Field Fips ▲

FIELD Sndgrvx020 ►

* **ALIAS** SNDGRVX020

* **DATA TYPE** Integer

* **WIDTH** 10

* **PRECISION** 10

* **SCALE** 0

FIELD DESCRIPTION

Internal feature number.

DESCRIPTION SOURCE

National Atlas of the United States

RANGE OF VALUES

MINIMUM VALUE 1
MAXIMUM VALUE 2945

[Hide Field Sndgrvx020 ▲](#)

FIELD **Oper_name** ►

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

FIELD DESCRIPTION

The name of the operation.

DESCRIPTION SOURCE

U.S. Geological Survey, Minerals Information Team

DESCRIPTION OF VALUES

There is no predefined set of valid facility names.

[Hide Field Oper_name ▲](#)

FIELD **Longitude** ►

* ALIAS LONGITUDE
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Angular distance between the plane of a meridian east or west from the plane of the meridian of Greenwich.

DESCRIPTION SOURCE

Department of Commerce, 1992, Spatial Data Transfer Standard.

RANGE OF VALUES

MINIMUM VALUE -156.464
MAXIMUM VALUE -68.2981
UNITS OF MEASURE Decimal degrees

[Hide Field Longitude ▲](#)

[Hide Details for object MS_Sand_and_Gravel_Operations ▲](#)

[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 2017-04-07

ARCGIS METADATA PROPERTIES

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

CREATED IN ARCGIS FOR THE ITEM 2017-04-06 08:34:22
LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-04-07 75:42:00

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2017-04-07 07:53:48

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Peg Rawson
ORGANIZATION'S NAME National Atlas of the United States
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE
VOICE 703-648-4183

ADDRESS

TYPE postal
DELIVERY POINT 12201 Sunrise Valley Dr
DELIVERY POINT MS 561
CITY Reston
ADMINISTRATIVE AREA VA
POSTAL CODE 20192
E-MAIL ADDRESS atlasmail@usgs.gov

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Constraints ►

SECURITY CONSTRAINTS

CLASSIFICATION unclassified
CLASSIFICATION SYSTEM None

ADDITIONAL RESTRICTIONS

None

[Hide Metadata Constraints ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL MS_Sand_and_Gravel_Operations

ENTITY TYPE DEFINITION

Facilities that extract, process, and (or) distribute sand and gravel for construction.

ENTITY TYPE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team

ATTRIBUTE

ATTRIBUTE LABEL Latitude

ATTRIBUTE DEFINITION

Angular distance measured on a meridian north or south from the equator.

ATTRIBUTE DEFINITION SOURCE Department of Commerce, 1992, Spatial Data Transfer Standard.

ATTRIBUTE DOMAIN VALUES

RANGE DOMAIN

RANGE DOMAIN MINIMUM 20.84

RANGE DOMAIN MAXIMUM 64.85

ATTRIBUTE UNITS OF MEASURE Decimal degrees

ATTRIBUTE

ATTRIBUTE LABEL County

ATTRIBUTE DEFINITION

The name of the county or county equivalent in which the facility is located.

ATTRIBUTE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team

ATTRIBUTE DOMAIN VALUES

CODESET DOMAIN

CODESET NAME Counties and Equivalent Entities of the United States, Its Possessions, and Associated Areas, FIPS 6-4, 1990.

CODESET SOURCE U.S. Department of Commerce, National Institute of Standards and Technology

ATTRIBUTE

ATTRIBUTE LABEL FID_1

ATTRIBUTE

ATTRIBUTE LABEL State_fips

ATTRIBUTE DEFINITION

The two-digit code for the State in which the facility is located.

ATTRIBUTE DEFINITION SOURCE National Atlas of the United States

ATTRIBUTE DOMAIN VALUES

CODESET DOMAIN

CODESET NAME Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas; (Federal Information Processing Standard (FIPS) 5-2): Washington, DC, National Institute of Standards and Technology.

CODESET SOURCE U.S. Department of Commerce

ATTRIBUTE

ATTRIBUTE LABEL Commodity

ATTRIBUTE DEFINITION

The mineral(s) produced or processed by the facility.

ATTRIBUTE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team

ATTRIBUTE DOMAIN VALUES

CODESET DOMAIN

CODESET NAME Mineral Commodity Summary, 1998 or

<<http://minerals.er.usgs.gov/minerals/pubs/mcs/>>.

CODESET SOURCE U.S. Geological Survey, Minerals Information Team

ATTRIBUTE

ATTRIBUTE LABEL Comp_name

ATTRIBUTE DEFINITION

The name of the company which operates the facility.

ATTRIBUTE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

There is no predefined set of valid company names.

ATTRIBUTE

ATTRIBUTE LABEL State

ATTRIBUTE DEFINITION

The 2-character code for the State in which the facility is located.

ATTRIBUTE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team

ATTRIBUTE DOMAIN VALUES

CODESET DOMAIN

CODESET NAME Codes for the Identification of the States, the District of Columbia and the Outlying Areas of the United States, and Associated Areas, FIPS 5-2, 1987.

CODESET SOURCE U.S. Department of Commerce, National Institute of Standards and Technology

ATTRIBUTE

ATTRIBUTE LABEL Shape

ATTRIBUTE DEFINITION

The representation of the entity in the data.

ATTRIBUTE DEFINITION SOURCE National Atlas of the United States

ATTRIBUTE DOMAIN VALUES

ENUMERATED DOMAIN

ENUMERATED DOMAIN VALUE Point

ENUMERATED DOMAIN VALUE DEFINITION

0-dimensional element

ENUMERATED DOMAIN VALUE DEFINITION SOURCE

ESRI GIS software

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

Coordinates defining the features.

ATTRIBUTE

ATTRIBUTE LABEL FID

ATTRIBUTE DEFINITION

Internal feature number.

ATTRIBUTE DEFINITION SOURCE Esri
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Sequential unique whole numbers that are automatically generated.

ATTRIBUTE
ATTRIBUTE LABEL Oper_type
ATTRIBUTE DEFINITION
The type of sand and gravel operation.
ATTRIBUTE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE Dredge
ENUMERATED DOMAIN VALUE DEFINITION
Large floating machinery equipped with excavating devices (scooping or suction) used for underwater mining.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
U.S. Geological Survey, Minerals Information Team
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE Open pit
ENUMERATED DOMAIN VALUE DEFINITION
A sand and gravel mining operation.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
U.S. Geological Survey, Minerals Information Team
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE Sales yard
ENUMERATED DOMAIN VALUE DEFINITION
A location where aggregates are being shipped from mining sites, usually by rail, for sale or distribution to highly populated areas.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
U.S. Geological Survey, Minerals Information Team
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE Not available
ENUMERATED DOMAIN VALUE DEFINITION
The facility is a sand and gravel operation but no other information is available.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
U.S. Geological Survey, Minerals Information Team

ATTRIBUTE
ATTRIBUTE LABEL Fips
ATTRIBUTE DEFINITION
The 5-digit FIPS code for the State and county in which the facility is located. The first two digits are the State code, and the last three digits are the county code.
ATTRIBUTE DEFINITION SOURCE National Atlas of the United States
ATTRIBUTE DOMAIN VALUES
CODESET DOMAIN
CODESET NAME Counties and Equivalent Entities of the United States, Its Possessions, and Associated Areas (Federal Information Processing Standard (FIPS) 6-4): Washington, DC, National Institute of Standards and Technology.
CODESET SOURCE U.S. Department of Commerce

ATTRIBUTE
ATTRIBUTE LABEL Sndgrvx020
ATTRIBUTE DEFINITION
Internal feature number.
ATTRIBUTE DEFINITION SOURCE National Atlas of the United States
ATTRIBUTE DOMAIN VALUES
RANGE DOMAIN

RANGE DOMAIN MINIMUM 1
RANGE DOMAIN MAXIMUM 2945

ATTRIBUTE

ATTRIBUTE LABEL Oper_name

ATTRIBUTE DEFINITION

The name of the operation.

ATTRIBUTE DEFINITION SOURCE U.S. Geological Survey, Minerals Information Team

ATTRIBUTE DOMAIN VALUES

UNREPRESENTABLE DOMAIN

There is no predefined set of valid facility names.

ATTRIBUTE

ATTRIBUTE LABEL Longitude

ATTRIBUTE DEFINITION

Angular distance between the plane of a meridian east or west from the plane of the meridian of Greenwich.

ATTRIBUTE DEFINITION SOURCE Department of Commerce, 1992, Spatial Data Transfer Standard.

ATTRIBUTE DOMAIN VALUES

RANGE DOMAIN

RANGE DOMAIN MINIMUM -156.464

RANGE DOMAIN MAXIMUM -68.2981

ATTRIBUTE UNITS OF MEASURE Decimal degrees

[Hide Entities and Attributes ▲](#)