

Mine Boundaries10_24_2019

Shapefile



Tags

sand, gravel, coal, lignite, Mississippi

Summary

MDEQ Surface Mining enforcement of regulations and permits. These should be used with the mine point file which contains more information about permitted mines.

Description

These are polygon boundaries of all pre-permitted and permitted mines, both current and former in Mississippi that have been mapped. Within the last 10 years, the source is GPS onsite. Before that, they were mapped on topographic quadrangles.

Credits

Mississippi Dept. of Environmental Quality, Surface Mining Division

Use limitations

Permits before 2009 have a low positional accuracy. Questions about the actual boundaries can be found in the permit file at MDEQ. This file is a helpful guide to the public, but we do not guarantee the accuracy of the positions and table data. Since it is not updated daily, some information may be out of date.

Extent

West -91.500428 **East** -88.129120
North 34.998596 **South** 30.239800

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:625,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE boundaries, economy, environment

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

Hide Topics and Keywords ▲

Citation ►

TITLE Mine Boundaries10_24_2019
CREATION DATE 2019-10-24 00:00:00
PUBLICATION DATE 2019-10-24 00:00:00

PRESENTATION FORMATS * digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME T. Duncan
ORGANIZATION'S NAME MDEQ
CONTACT'S POSITION Geologist in Training
CONTACT'S ROLE originator

CONTACT INFORMATION ►

PHONE
VOICE 601-961-5500

ADDRESS

TYPE physical
DELIVERY POINT 700 N. State St.
CITY Jackson
ADMINISTRATIVE AREA MS
POSTAL CODE 39202
COUNTRY US
E-MAIL ADDRESS tduncan@mdeq.ms.gov

HOURS OF SERVICE
8-5

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES * English (UNITED STATES)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going
SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.7.0.10450

CREDITS

Mississippi Dept. of Environmental Quality, Surface Mining Division

ARCGIS ITEM PROPERTIES

* NAME MS_SurfaceMinePolys_Oct2019
* SIZE 0.244

* LOCATION file:///\\DESKTOP-TP9LNVL\F\$\DATA\00_ENVIRONMENTAL\Surface_Mining\MS_SurfaceMinePolys_Oct2019.shp
* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION

Mississippi, state of.

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -91.500428

* EAST LONGITUDE -88.129120

* NORTH LATITUDE 34.998596

* SOUTH LATITUDE 30.239800

* EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

BEGINNING DATE 1978-01-01 00:00:00

ENDING DATE 2019-10-24 00:00:00

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 340197.426600

* EAST LONGITUDE 647971.356300

* SOUTH LATITUDE 1050606.291700

* NORTH LATITUDE 1577092.912700

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY fortnightly

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

Permits before 2009 have a low positional accuracy. Questions about the actual boundaries can be found in the permit file at MDEQ. This file is a helpful guide to the public, but we do not guarantee the accuracy of the positions and table data. Since it is not updated daily, some information may be out of date.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983_HARN
- * PROJECTION NAD_1983_HARN_Mississippi_TM
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102469

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 3815

WELL-KNOWN TEXT

PROJCS["NAD_1983_HARN_Mississippi_TM",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",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",3815]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 3815
- * 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_SurfaceMinePolys_Oct2019

* OBJECT TYPE composite

* OBJECT COUNT 1071

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME MS_SurfaceMinePolys_Oct2019

* FEATURE TYPE Simple

- * GEOMETRY TYPE Polygon
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 1071
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Data Quality ►

SCOPE OF QUALITY INFORMATION ►
RESOURCE LEVEL attribute

[Hide Scope of quality information ▲](#)

[Hide Data Quality ▲](#)

Lineage ►

LINEAGE STATEMENT
GPS coordinates are submitted by an operator and entered into ArcGIS by the staff.
Pre-2009, operators submitted boundaries on a topo map.

[Hide Lineage ▲](#)

Geoprocessing history ►

PROCESS
DATE 2019-10-25 16:02:56
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.6\ArcToolbox\Toolboxes\Data Management Tools.tbx>DeleteField
COMMAND ISSUED
DeleteField "D:\State-Layers\MinePoints And Boundaries\Points And Boundaries\Boundaries10_24_2019.shp" Acres;SHAPE_Star;SHAPE_STLe
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

[Hide Geoprocessing history ▲](#)

Distribution ►

DISTRIBUTION FORMAT
* NAME Shapefile

TRANSFER OPTIONS
* TRANSFER SIZE 0.244

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT MS_SurfaceMinePolys_Oct2019 ►

- * TYPE Feature Class
- * ROW COUNT 1071

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 OBJECTID ►

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

Hide Field OBJECTID ▲

FIELD PermitNumb ▶

- * ALIAS PermitNumb
- * DATA TYPE String
- * WIDTH 12
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Permit number. 1st two number following P indicate year of issuance. P78-153 is 153rd permit issued in 1978

DESCRIPTION SOURCE

MDEQ

BEGINNING DATE OF VALUES 1978-01-01

ENDING DATE OF VALUES 2019-10-24

Hide Field PermitNumb ▲

FIELD APP_NUM ▶

- * ALIAS APP_NUM
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

application number A2008 given as a sequential number

DESCRIPTION SOURCE

MDEQ

MEASUREMENT FREQUENCY unknown

Hide Field APP_NUM ▲

FIELD PERMITTED ▶

- * ALIAS PERMITTED
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

whether or not proposed mining area received a permit

LIST OF VALUES

VALUE Y

DESCRIPTION Yes

ENUMERATED DOMAIN VALUE DEFINITION SOURCE MDEQ

VALUE N

DESCRIPTION No
ENUMERATED DOMAIN VALUE DEFINITION SOURCE MDEQ

ACCURACY INFORMATION
ACCURACY Yes or No
Hide Field PERMITTED ▲

[Hide Details for object MS_SurfaceMinePolys_Oct2019 ▲](#)

[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 2019-10-29

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 2019-10-29 07:17:54
LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-10-29 07:18:34

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2019-10-29 07:18:34

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT
INDIVIDUAL'S NAME T. Duncan
ORGANIZATION'S NAME MDEQ
CONTACT'S POSITION Geologist in Training
CONTACT'S ROLE originator

CONTACT INFORMATION ►
PHONE
VOICE 601-961-5500

ADDRESS
TYPE physical
DELIVERY POINT 700 N. State St.
CITY Jackson

ADMINISTRATIVE AREA MS
POSTAL CODE 39202
COUNTRY US
E-MAIL ADDRESS tduncan@mdeq.ms.gov

HOURS OF SERVICE
8-5

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL
THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL MS_SurfaceMinePolys_Oct2019

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 Shape
ATTRIBUTE DEFINITION
Feature geometry.
ATTRIBUTE DEFINITION SOURCE Esri
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Coordinates defining the features.

ATTRIBUTE
ATTRIBUTE LABEL OBJECTID

ATTRIBUTE
ATTRIBUTE LABEL PermitNumb
ATTRIBUTE DEFINITION
Permit number. 1st two number following P indicate year of issuance. P78-153 is 153rd permit issued in 1978
ATTRIBUTE DEFINITION SOURCE MDEQ
BEGINNING DATE OF ATTRIBUTE VALUES 1978-01-01
ENDING DATE OF ATTRIBUTE VALUES 2019-10-24

ATTRIBUTE
ATTRIBUTE LABEL APP_NUM
ATTRIBUTE DEFINITION
application number A2008 given as a sequential number
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE MEASUREMENT FREQUENCY
012

ATTRIBUTE
ATTRIBUTE LABEL PERMITTED
ATTRIBUTE DEFINITION
whether or not proposed mining area received a permit
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE Y
ENUMERATED DOMAIN VALUE DEFINITION
Yes
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
MDEQ
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE N
ENUMERATED DOMAIN VALUE DEFINITION
No
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
MDEQ
ATTRIBUTE VALUE ACCURACY INFORMATION
ATTRIBUTE VALUE ACCURACY Yes or No

[Hide Entities and Attributes ▲](#)