

Surface Mine Points10_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 boundaries file which contains the mines' border.

Description

These are point locations of all permitted (active and inactive) mines, The points can be anywhere within the permitted boundary. The file contains the operator and mined material and whether it has been reclaimed if inactive.

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 Since it is not updated daily, some information may be out of date.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 -91.499068 **East** -88.126547

North 34.994298 **South** 30.241657

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

Hide Topics and Keywords ▲

Citation ►

TITLE Surface Mine Points10_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 ►

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VOICE 601-961-5500

ADDRESS

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DELIVERY POINT 700 N. State St.
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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_SurfaceMinePoints_Oct2019
* SIZE 0.039
* LOCATION file:///\\DESKTOP-TP9LNVL\F\$\DATA\00_ENVIRONMENTAL\MS_SurfaceMinePoints_Oct2019.shp

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION

Mississippi, state of.

TEMPORAL EXTENT

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

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

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -91.499068

* EAST LONGITUDE -88.126547

* NORTH LATITUDE 34.994298

* SOUTH LATITUDE 30.241657

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 340313.294800

* EAST LONGITUDE 648214.071600

* SOUTH LATITUDE 1050810.495600

* NORTH LATITUDE 1576616.194500

* 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_SurfaceMinePoints_Oct2019

- * OBJECT TYPE point
- * OBJECT COUNT 1449

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME MS_SurfaceMinePoints_Oct2019

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Point
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 1449

- * 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
The points are added where ARCGIS has located a label for the polygon mine boundaries

[Hide Lineage ▲](#)

Geoprocessing history ►

PROCESS
DATE 2019-10-25 16:02:33
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\Points10_24_2019.shp" APP_NO;PERMIT_NO;EXP_DATE;TOTAL_ACRE
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

[Hide Geoprocessing history ▲](#)

Distribution ►

DISTRIBUTION FORMAT
* NAME Shapefile

TRANSFER OPTIONS
* TRANSFER SIZE 0.039

[Hide Distribution ▲](#)

Fields ►

[DETAILS FOR OBJECT MS_SurfaceMinePoints_Oct2019 ►](#)

* TYPE Feature Class

* ROW COUNT 1449

DEFINITION

esri generated

DEFINITION SOURCE

esri

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, year follows the P and sequential number after hyphen

DESCRIPTION SOURCE

MDEQ

RANGE OF VALUES

MINIMUM VALUE P78-001

MAXIMUM VALUE P19-038

BEGINNING DATE OF VALUES 1978-01-01

ENDING DATE OF VALUES 2019-10-24

Hide Field PermitNumb ▲

FIELD AI ►

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

FIELD DESCRIPTION

Agency Interest number, interagency way to track permits through MDEQ

DESCRIPTION SOURCE

MDEQ

RANGE OF VALUES

MINIMUM VALUE 1

MAXIMUM VALUE 75000

Hide Field AI ▲

FIELD POINT_X ►

* ALIAS POINT_X
* DATA TYPE Double
* WIDTH 19
* PRECISION 0

* SCALE 0
FIELD DESCRIPTION
Longitude in decimal degrees of point location

DESCRIPTION SOURCE
MDEQ

RANGE OF VALUES
MINIMUM VALUE -180
MAXIMUM VALUE 180

Hide Field POINT_X ▲

FIELD POINT_Y ►
* ALIAS POINT_Y
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Latitude in decimal degrees of point location.

DESCRIPTION SOURCE
MDEQ

RANGE OF VALUES
MINIMUM VALUE -90
MAXIMUM VALUE 90

Hide Field POINT_Y ▲

FIELD APP_NUM ►
* ALIAS APP_NUM
* DATA TYPE String
* WIDTH 10
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Application number

DESCRIPTION SOURCE
MDEQ

Hide Field APP_NUM ▲

FIELD OPERATOR ►
* ALIAS OPERATOR
* DATA TYPE String
* WIDTH 50
* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Person or business who holds the permit to mine the land.

DESCRIPTION SOURCE

MDEQ

DESCRIPTION OF VALUES

string text

Hide Field OPERATOR ▲

FIELD SECTION ►

* ALIAS SECTION

* DATA TYPE String

* WIDTH 30

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

PLS section numbers the mine is located in

RANGE OF VALUES

MINIMUM VALUE 1

MAXIMUM VALUE 36

Hide Field SECTION ▲

FIELD TOWNSHIP ►

* ALIAS TOWNSHIP

* DATA TYPE String

* WIDTH 10

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

PLS townships and direction north or south

DESCRIPTION SOURCE

MDEQ

DESCRIPTION OF VALUES

Mississippi townships

Hide Field TOWNSHIP ▲

FIELD RANGE ►

* ALIAS RANGE

* DATA TYPE String
* WIDTH 20
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
PLS ranges north or south

DESCRIPTION SOURCE
MDEQ

DESCRIPTION OF VALUES
range in Mississippi

Hide Field RANGE ▲

FIELD COUNTY ►
* ALIAS COUNTY
* DATA TYPE String
* WIDTH 30
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
county mine is in

DESCRIPTION SOURCE
MDEQ

DESCRIPTION OF VALUES
MS county

Hide Field COUNTY ▲

FIELD PERCENT_RE ►
* ALIAS PERCENT_RE
* DATA TYPE Integer
* WIDTH 5
* PRECISION 5
* SCALE 0
FIELD DESCRIPTION
Percent of bond released as result of reclamation.

DESCRIPTION SOURCE
MDEQ

RANGE OF VALUES
MINIMUM VALUE 0
MAXIMUM VALUE 100
UNITS OF MEASURE percent

Hide Field PERCENT_RE ▲

FIELD ISSUE_DATE ►

- * ALIAS ISSUE_DATE
- * DATA TYPE Date
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

date permit was issued.

DESCRIPTION SOURCE

MDEQ

BEGINNING DATE OF VALUES 1978-01-01

ENDING DATE OF VALUES 2019-10-24

Hide Field ISSUE_DATE ▲

FIELD MATERIAL ►

- * ALIAS MATERIAL
- * DATA TYPE String
- * WIDTH 25
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

type of material being mined

DESCRIPTION SOURCE

MDEQ

ACCURACY INFORMATION

ACCURACY sand, clay, gravel, borrow material,
EXPLANATION

Older mines have outdated verbage such as dirt.

Hide Field MATERIAL ▲

FIELD TYPE_MINE ►

- * ALIAS TYPE_MINE
- * DATA TYPE String
- * WIDTH 250
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

mining technique used.

DESCRIPTION SOURCE

MDEQ

ACCURACY INFORMATION

ACCURACY open pit, dredge, wash

EXPLANATION

Older mines have outdated verbage such as strip

MEASUREMENT FREQUENCY unknown

[Hide Field TYPE_MINE ▲](#)

FIELD STATUS ►

* ALIAS STATUS

* DATA TYPE String

* WIDTH 1

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

whether is is active or inactive as reclaimed or not reclaimed.

DESCRIPTION SOURCE

MDEQ

LIST OF VALUES

VALUE A

DESCRIPTION active

ENUMERATED DOMAIN VALUE DEFINITION SOURCE mdeq

VALUE I

DESCRIPTION inactive

ENUMERATED DOMAIN VALUE DEFINITION SOURCE mdeq

[Hide Field STATUS ▲](#)

[Hide Details for object MS_SurfaceMinePoints_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 2019-10-28

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 2019-10-28 07:36:23
LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-10-28 07:36:40

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2019-10-28 07:36:40

[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 ►

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VOICE 601-961-5500

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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_SurfaceMinePoints_Oct2019
ENTITY TYPE DEFINITION
esri generated
ENTITY TYPE DEFINITION SOURCE esri

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, year follows the P and sequential number after hyphen
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE DOMAIN VALUES
RANGE DOMAIN
RANGE DOMAIN MINIMUM P78-001
RANGE DOMAIN MAXIMUM P19-038
BEGINNING DATE OF ATTRIBUTE VALUES 1978-01-01
ENDING DATE OF ATTRIBUTE VALUES 2019-10-24

ATTRIBUTE
ATTRIBUTE LABEL AI
ATTRIBUTE DEFINITION
Agency Interest number, interagency way to track permits through MDEQ
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE DOMAIN VALUES
RANGE DOMAIN
RANGE DOMAIN MINIMUM 1
RANGE DOMAIN MAXIMUM 75000

ATTRIBUTE
ATTRIBUTE LABEL POINT_X
ATTRIBUTE DEFINITION
Longitude in decimal degrees of point location
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE DOMAIN VALUES
RANGE DOMAIN
RANGE DOMAIN MINIMUM -180
RANGE DOMAIN MAXIMUM 180

ATTRIBUTE
ATTRIBUTE LABEL POINT_Y
ATTRIBUTE DEFINITION
Latitude in decimal degrees of point location.

ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE DOMAIN VALUES
RANGE DOMAIN
RANGE DOMAIN MINIMUM -90
RANGE DOMAIN MAXIMUM 90

ATTRIBUTE
ATTRIBUTE LABEL APP_NUM
ATTRIBUTE DEFINITION
Application number
ATTRIBUTE DEFINITION SOURCE MDEQ

ATTRIBUTE
ATTRIBUTE LABEL OPERATOR
ATTRIBUTE DEFINITION
Person or business who holds the permit to mine the land.
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
string text

ATTRIBUTE
ATTRIBUTE LABEL SECTION
ATTRIBUTE DEFINITION
PLS section numbers the mine is located in
ATTRIBUTE DOMAIN VALUES
RANGE DOMAIN
RANGE DOMAIN MINIMUM 1
RANGE DOMAIN MAXIMUM 36

ATTRIBUTE
ATTRIBUTE LABEL TOWNSHIP
ATTRIBUTE DEFINITION
PLS townships and direction north or south
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Mississippi townships

ATTRIBUTE
ATTRIBUTE LABEL RANGE
ATTRIBUTE DEFINITION
PLS ranges north or south
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
range in Mississippi

ATTRIBUTE
ATTRIBUTE LABEL COUNTY
ATTRIBUTE DEFINITION
county mine is in
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
MS county

ATTRIBUTE

ATTRIBUTE LABEL PERCENT_RE
ATTRIBUTE DEFINITION
Percent of bond released as result of reclamation.
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE DOMAIN VALUES
RANGE DOMAIN
RANGE DOMAIN MINIMUM 0
RANGE DOMAIN MAXIMUM 100
ATTRIBUTE UNITS OF MEASURE percent

ATTRIBUTE
ATTRIBUTE LABEL ISSUE_DATE
ATTRIBUTE DEFINITION
date permit was issued.
ATTRIBUTE DEFINITION SOURCE MDEQ
BEGINNING DATE OF ATTRIBUTE VALUES 1978-01-01
ENDING DATE OF ATTRIBUTE VALUES 2019-10-24

ATTRIBUTE
ATTRIBUTE LABEL MATERIAL
ATTRIBUTE DEFINITION
type of material being mined
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE VALUE ACCURACY INFORMATION
ATTRIBUTE VALUE ACCURACY sand, clay, gravel, borrow material,
ATTRIBUTE VALUE ACCURACY EXPLANATION
Older mines have outdated verbage such as dirt.

ATTRIBUTE
ATTRIBUTE LABEL TYPE_MINE
ATTRIBUTE DEFINITION
mining technique used.
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE VALUE ACCURACY INFORMATION
ATTRIBUTE VALUE ACCURACY open pit, dredge, wash
ATTRIBUTE VALUE ACCURACY EXPLANATION
Older mines have outdated verbage such as strip
ATTRIBUTE MEASUREMENT FREQUENCY
012

ATTRIBUTE
ATTRIBUTE LABEL STATUS
ATTRIBUTE DEFINITION
whether is is active or inactive as reclaimed or not reclaimed.
ATTRIBUTE DEFINITION SOURCE MDEQ
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE A
ENUMERATED DOMAIN VALUE DEFINITION
active
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
mdeq
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE I
ENUMERATED DOMAIN VALUE DEFINITION
inactive
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
mdeq

Hide Entities and Attributes ▲