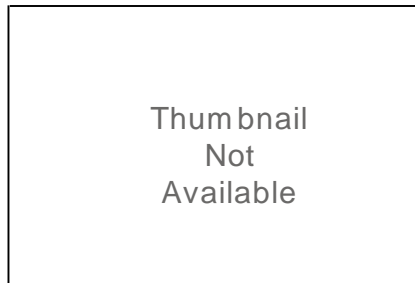


KDHE_ISL_CHLORIDE_APP_AREA_2016

Shapefile



Tags

KDHE, BWM, BER, Bureau of Environmental Remediation, Chloride, Remediation, Water Resources, Mining

Summary

To provide areas in Kansas where Chloride Contamination has occurred. This is NOT an EXACT area of contamination, and highlights the Legal boundary where the contamination took place.

Description

Kansas Department of Health and Environment (KDHE) Bureau of Remediation is responsible to state- lead contaminated sites, voluntary sites, orphan sites and state-lead federal super fund sites. KCC Abandoned Oil and Gas Well/ Site Remediation Program is responsible to address problem of abandoned oil and gas wells and remediation sites related to oil and gas exploration and production activities. The Kansas Corporation Commission (KCC) also regulates the "KCC Application to Land Spread Solid Waste Generated by Drilling and Oil". As part of this application, documented chloride groundwater contamination cannot exist in the proposed area.

This dataset ONLY includes the KDHE BER Identified Sites ID that has contributed to the chloride contamination. Refer to the ISL web page or ISL download to get more information on this site. One polygon may have reference to multiple ISL Sites. One ISL Site may contributed to multiple polygons.

Credits

KDHE - Bureau of Remediation

Use limitations

KDHE BER Data is updated on a daily basis as work progresses on the contaminated site. However, new chloride contamination areas are infrequent. The area of contamination is approximation to the legal description; underground plumes may extend past this area.

KDHE makes no assurances of the accuracy or validity of information presented in the map. Carefully consider the provisional or incomplete nature of these data before using them for decisions that concern personal safety or involves substantial monetary consequences.

Extent

West	-102.134053	East	-94.882483
North	39.690458	South	37.057727

Scale Range

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

ArcGIS Metadata

Topics and Keywords

* CONTENT TYPE Downloadable Data

Citation

* TITLE KDHE_ISL_CHLORIDE_APP_AREA_2016
PRESENTATION FORMATS * digital map

Citation Contacts

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Glenna Drake
ORGANIZATION'S NAME Kansas Department of Health and Environment
CONTACT'S POSITION BER ISL Database Environmental Specialist
CONTACT'S ROLE custodian

CONTACT INFORMATION

PHONE
VOICE 785-296-6379
ADDRESS
TYPE
CITY 1000 SW Jackson
ADMINISTRATIVE AREA KS
POSTAL CODE 66612
E-MAIL ADDRESS gdrake@kdheks.gov

Resource Details

DATASET LANGUAGES * English (UNITED STATES)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format
SPATIAL REPRESENTATION TYPE * vector
* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.4.0.5524

CREDITS

KDHE - Bureau of Remediation

ARCGIS ITEM PROPERTIES

* NAME KDHE_ISL_CHLORIDE_APP_AREA_2016
* SIZE 0.029
* LOCATION
* ACCESS PROTOCOL Local Area Network

Extents

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
* WEST LONGITUDE -102.134053
* EAST LONGITUDE -94.882483
* NORTH LATITUDE 39.690458
* SOUTH LATITUDE 37.057727
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 231085.000000
* EAST LONGITUDE 853481.000000
* SOUTH LATITUDE 4108672.000000
* NORTH LATITUDE 4393402.000000
* EXTENT CONTAINS THE RESOURCE Yes

Resource Maintenance

RESOURCE MAINTENANCE

UPDATE FREQUENCY annually

Resource Constraints

CONSTRAINTS

LIMITATIONS OF USE

KDHE BER Data is updated on a daily basis as work progresses on the contaminated site. However, new chloride contamination areas are infrequent and really only need updated once a year. The area of contamination is approximation to the legal description; underground plumes may extend past this area.

KDHE makes no assurances of the accuracy or validity of information presented in the map. Carefully consider the provisional or incomplete nature of these data before using them for decisions that concern personal safety or involves substantial monetary consequences.

Spatial Reference

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_UTM_Zone_14N

* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26914
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 26914
WELL-KNOWN TEXT PROJCS["NAD_1983_UTM_Zone_14N",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",-99.0],PARAMETER["Scale_Factor",0.9996],PARAMETER
["Latitude_Of_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26914]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 26914
- * CODESPACE EPSG
- * VERSION 6.13(3.0.1)

Spatial Data Properties

VECTOR

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME KDHE_ISL_CHLORIDE_APP_AREA_2016
* OBJECT TYPE composite
* OBJECT COUNT 182

ARCGIS FEATURE CLASS PROPERTIES ▶

FEATURE CLASS NAME KDHE_ISL_CHLORIDE_APP_AREA_2016
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 182
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Lineage

PROCESS STEP

DESCRIPTION

KDHE BER Identified Sites Listing Database tracks all business information for this program. An extract of chloride contaminated sites was processed from this dataset. The KDHE Geographic Section combined the legal description from the chloride contaminated sites to the Public Land Survey System (PLSS which contains Township, Range, Section). The polygons containing a contaminated site were extracted from the PLSS to create the shape for the chloride sites in Kansas.

PROCESS STEP

DESCRIPTION

On a monthly basis, the KDHE Chloride Contaminated Polygons are replicated to KS Data Access and Support Center (DASC) for public use in esri ArcGIS Server service or for data distribution. This is the same dataset that is used in the "KCC Application to Land Spread Solid Waste Generated by Drilling and Oil" web map. [http://maps.kdhe.state.ks.us/kschloride/](http://maps.kdhe.state.ks.us/kschloride/(http://www.kcc.state.ks.us/conservation/forms/clsp1.pdf)) (<http://www.kcc.state.ks.us/conservation/forms/clsp1.pdf>)

PROCESS STEP

DESCRIPTION

On a nightly basis, KS Data Access and Support Center (DASC) packages the data for public download. Part of the packaging process projects the data from WGS_1984_Web_Mercator_Auxiliary_Sphere to GCS_North_American_1983.

Distribution

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.029

Fields

DETAILS FOR OBJECT KDHE_ISL_CHLORIDE_APP_AREA_2016

* TYPE Feature Class

* ROW COUNT 182

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.

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.

FIELD trs

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

FIELD DESCRIPTION

Township, Range, Section combination to link with the TRS feature class for spatial information.

FIELD ISL_SITE

- * ALIAS Identified Site ID
- * DATA TYPE String
- * WIDTH 40
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

KDHE BER Identified Sites ID that has contributed to the chloride contamination. Refer to the ISL web page or ISL download to get more information on this site. **One polygon may have reverence to multiple ISL Sites. One ISL Site may contributed to multiple polygons.**

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 2016-07-12

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2016-07-12 06:54:26

LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-07-12 72:51:50

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2016-07-12 07:20:09

Metadata Contacts

METADATA CONTACT

INDIVIDUAL'S NAME Nolita LaVoie

ORGANIZATION'S NAME Kansas Department of Health and Environment

CONTACT'S POSITION Geographic Database Administrator

CONTACT'S ROLE processor

CONTACT INFORMATION

PHONE

VOICE 785-296-6159

ADDRESS

TYPE both

CITY 1000 SW Jackson

ADMINISTRATIVE AREA KS

POSTAL CODE 66612

E-MAIL ADDRESS nlavoie@kdheks.gov