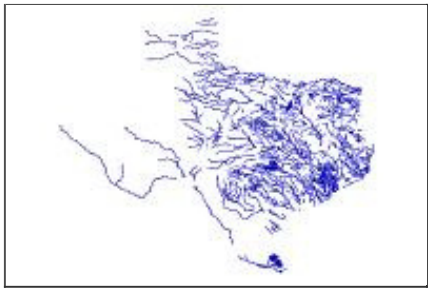
TCEQ Stream Segments



Tags

Freshwater Stream, Tidal Stream, Classified, Unclassified

Summary

General purpose use; to support agency-wide policy decisions regarding surface water quality in the State of Texas. Due to the various scales inherent from using multiple sources in the creation of this dataset, this layer should not be used for making important decisions at scales greater than 1:250,000.

Description

This layer depicts the official TCEQ Line Segments for the State of Texas

as listed in Title 30, Chapter 307 of the Texas Administrative Code (TAC), also known as

the Texas Surface Water Quality Standards. These are freshwater and tidal streams that have been

individually defined by the TCEQ and assigned unique identification numbers. Intended to

have relatively homogeneous chemical, physical, and hydrological characteristics, a

segment provides a basic unit for assigning site-specific standards and for applying water

quality management programs of the agency.

Both "classified" and "unclassified" segments have been included in this layer. Classified

segments, also referred to as designated segments, refer to water bodies that are

protected by site- specific criteria. The classified segments are listed and described in

Appendix A and C of Chapter 307.10. The site-specific uses and criteria are described in

Appendix A. Classified waters include most rivers and their major tributaries, major

reservoirs, and estuaries. Unclassified waters are those smaller water bodies that do not

have site-specific water quality standards assigned to them, but instead are protected by

general standards that apply to all surface waters in the state.

This layer also indentifies which segments and water bodies have been assessed in the

2014 Texas Integrated Report for Clean Water Act Sections 305 (b) and 303 (d).

An impaired segment is a water body included in Categories 4 and 5. Category 4 includes impairments that are not suitable for a TMDL or for which a TMDL has already been approved. Category 5 includes impairments which may be suitable for development of a TMDL and comprise the 303 (d) List.

Credits

TCEQ Surface Water Quality Monitoring Program

Use limitations
There are no access and use limitations for this item.

Extent

West -106.629856 **East** -93.507927
North 36.492149 **South** 25.837157

Scale Range

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

ArcGIS Metadata ►

Topics and Keywords ►

* CONTENT TYPE Downloadable Data

Hide Topics and Keywords ▲

Citation ►

TITLE TCEQ Stream Segments (Public)
CREATION DATE 2015-11-19 00:00:00
PUBLICATION DATE 2016-03-22 00:00:00

PRESENTATION FORMATS * digital map
FGDC GEOSPATIAL PRESENTATION FORMAT map

Hide Citation ▲

Citation Contacts ►

RESPONSIBLE PARTY
INDIVIDUAL'S NAME Pat Bohannon
ORGANIZATION'S NAME TCEQ SWQM
CONTACT'S POSITION Aquatic Scientist
CONTACT'S ROLE originator

CONTACT INFORMATION ►
PHONE
VOICE (512) 239-5255

ADDRESS
TYPE postal
DELIVERY POINT P.O. Box 13087 MC-234
CITY Austin
ADMINISTRATIVE AREA Texas
POSTAL CODE 78711-3087
COUNTRY US
E-MAIL ADDRESS pat.bohannon@tceq.texas.gov

Hide Contact information ▲

RESPONSIBLE PARTY
INDIVIDUAL'S NAME Daniele Baker
ORGANIZATION'S NAME TCEQ SWQM
CONTACT'S POSITION Hydrologist
CONTACT'S ROLE point of contact

CONTACT INFORMATION ▶
PHONE
VOICE (512) 239-1740

ADDRESS
TYPE postal
DELIVERY POINT P.O. Box 13087 MC-234
CITY Austin
ADMINISTRATIVE AREA Texas
POSTAL CODE 78711-3087
COUNTRY US
E-MAIL ADDRESS daniele.baker@tceq.texas.gov

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 10.4.1.5686

CREDITS
TCEQ Surface Water Quality Monitoring Program

ARCGIS ITEM PROPERTIES
* NAME SW_ADM.TCEQ_SW_SEG_LINE_PUBLIC
* LOCATION Server=tceq4aproragp1.tceq.state.tx.us; Service=5152; User=sw_adm; Version=SDE.DEFAULT
* ACCESS PROTOCOL ArcSDE Connection

Hide Resource Details ▲

Extents ►

EXTENT
DESCRIPTION
2016-03-22 00:00:00

GEOGRAPHIC EXTENT
BOUNDING RECTANGLE
EXTENT TYPE Extent used for searching
* WEST LONGITUDE -106.629856
* EAST LONGITUDE -93.507927
* NORTH LATITUDE 36.492149
* SOUTH LATITUDE 25.837157
* EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT
DATE AND TIME 2016-03-22 00:00:00

EXTENT IN THE ITEM'S COORDINATE SYSTEM
* WEST LONGITUDE -106.629856
* EAST LONGITUDE -93.507927
* SOUTH LATITUDE 25.837157
* NORTH LATITUDE 36.492149
* EXTENT CONTAINS THE RESOURCE Yes

Hide Extents ▲

Resource Maintenance ►

RESOURCE MAINTENANCE
UPDATE FREQUENCY as needed

Hide Resource Maintenance ▲

Spatial Reference ►

ARCGIS COORDINATE SYSTEM
* TYPE Geographic
* GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
* COORDINATE REFERENCE DETAILS
GEOGRAPHIC COORDINATE SYSTEM
WELL-KNOWN IDENTIFIER 4269
X ORIGIN -400
Y ORIGIN -400
XY SCALE 999999999.99999988
Z ORIGIN 0
Z SCALE 1
M ORIGIN 0
M SCALE 1
XY TOLERANCE 8.98315284119521e-009
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
LEFT LONGITUDE -180
LATEST WELL-KNOWN IDENTIFIER 4269
WELL-KNOWN TEXT 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],AUTHORITY["EPSG",4269]]

REFERENCE SYSTEM IDENTIFIER
* VALUE 4269
* CODESPACE EPSG
* VERSION 6.12(3.0.1)

Hide Spatial Reference ▲

Spatial Data Properties ►

VECTOR ►
* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS
FEATURE CLASS NAME SW_ADM.TCEQ_SW_SEG_LINE_PUBLIC
* OBJECT TYPE composite
* OBJECT COUNT 1118

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES ►
FEATURE CLASS NAME SW_ADM.TCEQ_SW_SEG_LINE_PUBLIC
* FEATURE TYPE Simple
* GEOMETRY TYPE Polyline
* HAS TOPOLOGY FALSE
* FEATURE COUNT 1118
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Geoprocessing history ►

PROCESS
PROCESS NAME
DATE 2016-02-05 15:30:58
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
```
CalculateField SW_ADM.TCEQ_SW_SEG_LINE_PUBLIC FIRST_IR_YEAR "2016" VB #
```
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

Hide Geoprocessing history ▲

Distribution ►

DISTRIBUTION FORMAT
* NAME SDE Feature Class
VERSION None

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT SW_ADM.TCEQ_SW_SEG_LINE_PUBLIC ►

* TYPE Feature Class
* ROW COUNT 1118

DEFINITION

TCEQ LINE segment feature class from EPA-approved 2014 Integrated Report

DEFINITION SOURCE

Orginator

FIELD OBJECTID ►

* ALIAS OBJECTID
* DATA TYPE OID
* WIDTH 4
* PRECISION 10
* SCALE 0
* FIELD DESCRIPTION

Internal feature number.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

MEASUREMENT FREQUENCY as needed

Hide Field OBJECTID ▲

FIELD SEG_ID ►

* ALIAS SEG_ID
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

A unique 4 to 6 digit identification number as it appears in the Texas Surface Water Quality Standards or Guidance for Assessing and Reporting Surface Water Quality in Texas.
The first two digits indicate the river basin within which the segment can be found. SEG-IDs
with a letter suffix indicate that the segment is unclassified.

DESCRIPTION SOURCE

TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field SEG_ID ▲

FIELD BASIN_ID ►

* ALIAS BASIN_ID
* DATA TYPE Double
* WIDTH 8
* PRECISION 38
* SCALE 8

FIELD DESCRIPTION

A unique 2 digit identification number as it appears in the Texas Surface Water Quality Standards.

DESCRIPTION SOURCE

TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field BASIN_ID ▲

FIELD BASIN_NAME ►

* ALIAS BASIN_NAME
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

A unique river basin name as it appears in the Texas Surface Water Quality Standards.

DESCRIPTION SOURCE

TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field BASIN_NAME ▲

FIELD SEG_NAME ►

* ALIAS SEG_NAME
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

The name of the water body associated with a SEG_ID.

DESCRIPTION SOURCE

TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field SEG_NAME ▲

FIELD SEG_CLASS ►

* ALIAS SEG_CLASS
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Classified segments are defined in the Texas Surface Water Quality Standards.
Unclassified segments are not defined in the Texas Surface Water Quality Standards.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field SEG_CLASS ▲

FIELD SEG_TYPE ▶
* ALIAS SEG_TYPE
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
LINE layers are composed of Freshwater Stream and Tidal Stream.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field SEG_TYPE ▲

FIELD SIZE_ ▶
* ALIAS SIZE_
* DATA TYPE Double
* WIDTH 8
* PRECISION 38
* SCALE 8

FIELD DESCRIPTION
The number of units as indicated in SIZE_UNIT

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field SIZE_ ▲

FIELD SIZE_UNIT ▶
* ALIAS SIZE_UNIT
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
LINE features are measured in miles.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field SIZE_UNIT ▲

FIELD SEG_DESCRIPTION ►
* ALIAS SEG_DESCRIPTION
* DATA TYPE String
* WIDTH 350
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
The name of the water body associated with a SEG_NAME.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field SEG_DESCRIPTION ▲

FIELD IR_YEAR ►
* ALIAS IR_YEAR
* DATA TYPE Double
* WIDTH 8
* PRECISION 38
* SCALE 4
FIELD DESCRIPTION
The Integrated Report year for which the feature class is associated.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field IR_YEAR ▲

FIELD RETIRED_IND ►
* ALIAS RETIRED_IND
* DATA TYPE String
* WIDTH 1
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Indicated Yes (Y) or No (N), that the segment has been retired from use.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field RETIRED_IND ▲

FIELD RETIRED_COMMENTS_TXT ►
* ALIAS RETIRED_COMMENTS_TXT
* DATA TYPE String
* WIDTH 500
* PRECISION 0

* SCALE 0
FIELD DESCRIPTION
Details related to retired segments.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field RETIRED_COMMENTS_TXT ▲

FIELD IMP_AQUATIC_LIFE ►
* ALIAS IMP_AQUATIC_LIFE
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Indicated Yes (Y) or No (N) if the segment is impaired for the Designated Use.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field IMP_AQUATIC_LIFE ▲

FIELD IMP_CONTACT_REC ►
* ALIAS IMP_CONTACT_REC
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Indicated Yes (Y) or No (N) if the segment is impaired for the Designated Use.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field IMP_CONTACT_REC ▲

FIELD IMP_GENERAL ►
* ALIAS IMP_GENERAL
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Indicated Yes (Y) or No (N) if the segment is impaired for the Designated Use.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field IMP_GENERAL ▲

FIELD IMP_FISH_CONSUMPTION ►
* ALIAS IMP_FISH_CONSUMPTION
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Indicated Yes (Y) or No (N) if the segment is impaired for the Designated Use.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY unknown

Hide Field IMP_FISH_CONSUMPTION ▲

FIELD IMP_PWS ►
* ALIAS IMP_PWS
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Indicated Yes (Y) or No (N) if the segment is impaired for the Designated Use.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field IMP_PWS ▲

FIELD IMP_OYSTER_WATERS ►
* ALIAS IMP_OYSTER_WATERS
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Indicated Yes (Y) or No (N) if the segment is impaired for the Designated Use.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field IMP_OYSTER_WATERS ▲

FIELD IMP_REC_BEACHES ►
* ALIAS IMP_REC_BEACHES
* DATA TYPE String
* WIDTH 255

* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
Indicated Yes (Y) or No (N) if the segment is impaired for the Designated Use.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field IMP_REC_BEACHES ▲

FIELD IMPAIRED ►
* ALIAS IMPAIRED
* DATA TYPE String
* WIDTH 255
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
Indicated Yes (Y) or No (N) if the segment is impaired for any Designated Use.

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field IMPAIRED ▲

FIELD FIRST_IR_YEAR ►
* ALIAS FIRST_IR_YEAR
* DATA TYPE String
* WIDTH 4
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
Placeholder for first Integrated Report year the segment was included. (For use in a TCEQ internal process)

DESCRIPTION SOURCE
TCEQ SWQM

MEASUREMENT FREQUENCY as needed

Hide Field FIRST_IR_YEAR ▲

FIELD SHAPE ►
* ALIAS SHAPE
* DATA TYPE Geometry
* WIDTH 4
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION
Feature geometry.

* DESCRIPTION SOURCE
Esri

* DESCRIPTION OF VALUES
Coordinates defining the features.

Hide Field SHAPE ▲

FIELD SHAPE.LEN ►
* ALIAS SHAPE.LEN
* DATA TYPE Double
* WIDTH 0
* PRECISION 0
* SCALE 0
FIELD DESCRIPTION
Feature geometry

DESCRIPTION SOURCE
ESRI

Hide Field SHAPE.LEN ▲

Hide Details for object SW_ADM.TCEQ_SW_SEG_LINE_PUBLIC ▲

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 2016-12-07

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 2016-02-26 18:19:41
LAST MODIFIED IN ARCGIS FOR THE ITEM 2016-12-07 13:46:54

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2016-12-07 13:46:14

Hide Metadata Details ▲

Metadata Contacts ►

METADATA CONTACT
INDIVIDUAL'S NAME Daniele Baker

ORGANIZATION'S NAME TCEQ SWQM
CONTACT'S POSITION Hydrologist
CONTACT'S ROLE point of contact

CONTACT INFORMATION ▶
PHONE
VOICE (512) 239-1740

ADDRESS
TYPE postal
DELIVERY POINT P.O. Box 13087 MC-234
CITY Austin
ADMINISTRATIVE AREA Texas
POSTAL CODE 78711-3087
COUNTRY US
E-MAIL ADDRESS daniele.baker@tceq.texas.gov

Hide Contact information ▲

METADATA CONTACT
INDIVIDUAL'S NAME Pat Bohannon
ORGANIZATION'S NAME TCEQ SWQM
CONTACT'S POSITION Aquatic Scientist
CONTACT'S ROLE point of contact

CONTACT INFORMATION ▶
PHONE
VOICE (512) 239-5255

ADDRESS
TYPE postal
DELIVERY POINT P.O. Box 13087 MC-234
CITY Austin
ADMINISTRATIVE AREA Texas
POSTAL CODE 78711-3087
COUNTRY US
E-MAIL ADDRESS pat.bohannon@tceq.texas.gov

Hide Contact information ▲

Hide Metadata Contacts ▲

Thumbnail and Enclosures ▶

THUMBNAIL
THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼