

Beachwatch Segments

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Identification_Information:

Citation:

Citation_Information:

Originator:

REQUIRED: The name of an organization or individual that developed the data set.

Publication_Date:

REQUIRED: The date when the data set is published or otherwise made available for release.

Title: Beachwatch Segments

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage:

Description:

Abstract: Texas recreational beach miles at the segment level.

Purpose:

FINAL JURISDICTION BEACH LENGTH DATA FOR 2009 SWIMMING SEASON from EPA: shapefile created for Texas Beach Watch monitoring station analysis. Information summarized and provided by General Land Office (GLO) to TCEQ Surface Water Quality Monitoring Team for use in the Texas Integrated Report for Clean Water Act Sections 305(b) and 303(d).

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 07/01/2011

Currentness_Reference: 2010 Integrated Report

Status:

Progress: Complete

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -97.715472

East_Bounding_Coordinate: -93.980699

North_Bounding_Coordinate: 29.803504

South_Bounding_Coordinate: 25.884723

Keywords:

Theme:

Theme_Keyword_Thesaurus:

REQUIRED: Reference to a formally registered thesaurus or a similar authoritative source of theme keywords.

Theme_Keyword: recreational beach miles

Theme_Keyword: Texas

Theme_Keyword: 2009 swimming season

Access_Constraints: None.

Use_Constraints:

These data are not suitable for high-precision measurement applications or surveying. No other claims are made to the accuracy or completeness of the data or to its suitability towards a particular use.

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Craig Davis
Contact_Organization: Texas General Land Office

Contact_Position: Beach Watch Coordinator
Contact_Voice_Telephone: (512) 463-8126
Contact_Electronic_Mail_Address: Craig.Davis@GLO.STATE.TX.US
Contact_Instructions:

Integrated Report Contacts at TCEQ:
Jill Csekitz TCEQ Aquatic Scientist (512) 239-3136

Data_Set_Credit:

Acknowledgement of the Texas Commission on Environmental Quality is appreciated on any products using this dataset.

Native_Data_Set_Environment:

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.3.1.4000

Data_Quality_Information:

Logical_Consistency_Report:

Points, nodes, lines, and areas conform to topological rules. Lines intersect only at nodes, and all nodes anchor the ends of lines. Lines do not "overshoot" or "undershoot" other lines where they are supposed to meet. There are no duplicate lines within a dataset. Lines bound areas, and lines identify the areas to the left and right of the lines. Gaps and overlaps among areas do not exist. All areas close.

Lineage:

Process_Step:

Process_Description:

TCEQ SWQM assigned the segment and assessment unit IDs as described in Texas Basin Assessment Database (TXBAD).

Source_Used_Citation_Abbreviation: TCEQ

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Kimberly Miller
Contact_Organization: Texas General Land Office

Contact_Position: Intern
Contact_Electronic_Mail_Address: Kimberly.Miller@GLO.STATE.TX.US
Contact_Instructions:

After August 2010, please direct questions to Craig Davis at Craig.Davis@GLO.STATE.TX.US.

Process_Step:

Process_Description: Dataset copied.

Process_Date: 20100730

Process_Time: 13522600

Process_Step:

Process_Description: Dataset copied.

Process_Date: 20100818

Process_Time: 09334400

Process_Step:

Process_Description: Dataset copied.

Process_Date: 20100818

Process_Time: 10074800

Process_Step:

Process_Description: Dataset moved.

Source_Used_Citation_Abbreviation:

X:\SWQM_GISDAT\2009_SegMaintenance_SE\Final_2010_layers\2010_beachwatch_poly_TSMS

Process_Date: 20110214

Process_Time: 15250400

Process_Step:

Process_Description: Dataset copied.

Source_Used_Citation_Abbreviation:

X:\SWQM_GISDAT\2009_SegMaintenance_SE\Final_2010_layers\Pre_QA\2010_beachwatch_poly_TSMS

Process_Date: 20110415

Process_Time: 11514600

Process_Step:

Process_Description:

TCEQ SWQM team used the topology rules function in ArcGIS to fix topology rules inherent in the data.

Process_Step:

Process_Description:

Using the Shapefile 2010_beachwatch_AUs, the layer was dissolved by Seg_ID. The size of each segment in square miles was calculated using the "calculate geometry" tool in ArcGIS. This resulting shapefile has 22 records.

Process_Step:

Process_Description:

Layer was converted to feature class and SEG_NAME and SEG_DESC fields were appended on in MS Access. This information came from TXBAD, which is maintained by the SWQM staff.

Process_Step:

Process_Description:

Using the Shapefile 2010_beachwatch_AUs, the layer was dissolved by Seg_ID. The size of each segment in miles was calculated using the "calculate geometry" tool in ArcGIS.

Process_Step:

Process_Description:

Layer was converted to feature class and SEG_NAME field was appended on in MS Access. This information came from TXBAD, which is maintained by the SWQM staff.

Process_Step:

Process_Description: Dataset copied.

Source_Used_Citation_Abbreviation:

\\Msgiswrk\MONOPS\SWQM\SWQM_GISDAT\2009_SegMaintenance_SE\Final_2010_layers\Post_QA\Final_2010_layers.gdb

Process_Date: 20110616

Process_Time: 13084900

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: G-polygon

Point_and_Vector_Object_Count: 22

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Lambert Conformal Conic

Lambert_Conformal_Conic:

Standard_Parallel: 27.416667

Standard_Parallel: 34.916667

Longitude_of_Central_Meridian: -100.000000

Latitude_of_Projection_Origin: 31.166667

False_Easting: 1000000.000000

False_Northing: 1000000.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair
Coordinate_Representation:

Abscissa_Resolution: 0.000206
Ordinate_Resolution: 0.000206

Planar_Distance_Units: meters

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983
Ellipsoid_Name: Geodetic Reference System 80
Semi-major_Axis: 6378137.000000
Denominator_of_Flattening_Ratio: 298.257222

Vertical_Coordinate_System_Definition:

Altitude_System_Definition:

Altitude_Resolution: 1.000000
Altitude_Encoding_Method:
Explicit elevation coordinate included with horizontal coordinates

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: SW_ADM.TCEO_SEG_BEACHWATCH

Attribute:

Attribute_Label: OBJECTID
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: SEG_ID
Attribute_Definition:
A unique 4 to 5 digit identification number as it appears in the Texas Surface Water Quality Standards. 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.

Attribute:

Attribute_Label: SZ_UNIT
Attribute_Definition: The unit the attribute field "SIZE_" is in

Attribute:

Attribute_Label: SIZE_
Attribute_Definition: The size of the feature in square miles
Attribute_Definition_Source: calculate geometry tool

Attribute:

Attribute_Label: SEG_NAME
Attribute_Definition: The name as per the TSWQS

Attribute:

Attribute_Label: SHAPE.AREA

Attribute:

Attribute_Label: SHAPE.LEN

Distribution_Information:

Resource_Description: Downloadable Data
Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.000

Metadata_Reference_Information:

Metadata_Date: 20110803
Metadata_Contact:

Contact_Information:

Contact_Organization_Primary:

Contact_Organization:

General Land Office (Beach Watch) / Texas Commission on Environmental Quality (Integrated Report)
Contact_Person: Originated by Craig Davis (GLO); amended by Jill Csekitz (TCEQ)

Contact_Address:

Address_Type: mailing address

Address: TCEQ

Address: PO Box 13087

City: Austin

State_or_Province: Texas

Postal_Code: 78711-13087

Contact_Voice_Telephone: (512) 239-3136

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile
