

Oysterwater Segments

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Identification_Information:

Citation:

Citation_Information:

Originator:

Originated by DSHS; amended by TCEQ for use in Texas Integrated Report for Clean Water Act Sections 305(b) and 303(d).

Publication_Date: 07/01/2011

Title: Oysterwater Segments

Geospatial_Data_Presentation_Form: vector digital data

Online_Linkage:

Description:

Abstract:

This shapefile was extracted from a geodatabase entitled Gulf2. It shows the oyster harvest beds along the gulf as determined by the Dept of State Health Services Seafood and Aquatic Life Group. This layer is at the segment level.

Purpose:

The file was developed for the annual maps of Shellfish Harvesting Areas published November 2005 by the Seafood and Aquatic Life Group.

This layer was amended by TCEQ for use in 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 IR

Status:

Progress: In work

Maintenance_and_Update_Frequency: As needed

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -97.818441

East_Bounding_Coordinate: -93.769468

North_Bounding_Coordinate: 30.130672

South_Bounding_Coordinate: 25.849865

Keywords:

Theme:

Theme_Keyword_Thesaurus:

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

Theme_Keyword: Oyster Waters

Theme_Keyword: shellfish

Theme_Keyword: Surface Water Quality Monitoring

Access_Constraints:

Contact the Texas Dept of State Health Services Seafood and Aquatic Life Group for use.

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_Organization_Primary:

Contact_Organization: TX Dept of State Health Services

Contact_Position: Seafood and Aquatic Life Group

Data_Set_Credit:

Acknowledgement of Texas Department of State Health Services and Texas Commission on Environmental Quality

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: Dataset copied.

Source_Used_Citation_Abbreviation: \\TDHOHIA\VOL5\HRM\GIS_Projects\Seafood\Work Folder\Edits.mdb

Process_Step:

Process_Description: Dataset copied.

Source_Used_Citation_Abbreviation: \\TDHOHIA\VOL5\HRM\GIS_Projects\Seafood\GeoDatabase\Seafood.mdb

Process_Step:

Process_Description: Dataset copied.

Process_Step:

Process_Description: Dataset copied.

Process_Date: 20100805

Process_Time: 16135800

Process_Step:

Process_Description: Dataset copied.

Process_Date: 20100807

Process_Time: 10092400

Process_Step:

Process_Description: Dataset copied.

Process_Date: 20100807

Process_Time: 14430300

Process_Step:

Process_Description: Dataset copied.

Process_Date: 20100818

Process_Time: 10521300

Process_Step:

Process_Description: Dataset copied.

Source_Used_Citation_Abbreviation:

X:\SWQM_GISDAT\2009_SegMaintenance_SE\2010_OysterWaters_poly_TSMS_

Process_Date: 20100825

Process_Time: 09590900

Process_Step:

Process_Description:

TCEQ SWQM assigned the segment and assessment unit IDs as delineated from TXBAD.

Source_Used_Citation_Abbreviation: TXBAD

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_Oysterwaters_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: 13085500

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: 32

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:

Abcissa_Resolution: 0.000225

Ordinate_Resolution: 0.000225

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_OYSTERWATERS

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_UNITS

Attribute_Definition: The unit of measurement the SIZE field is in

Attribute:

Attribute_Label: SIZE_

Attribute_Definition: The area of the waterbody

Attribute_Definition_Source: calculate geometry

Attribute:

Attribute_Label: SEG_NAME

Attribute_Definition: The name of each segment, as defined by TSWQS and the SWQM team

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: DSHS (Oyster Water delineations) / TCEQ (Integrated Report)

Contact_Person: Originated by DSHS; amended by Jill Csekitz at TCEQ

Contact_Address:

Address_Type: mailing address

Address: PO Box 13087

City: Austin

State_or_Province: Texas

Postal_Code: 78752-13087

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
