

# Public Baylor Grounds

## Shapefile



## Tags

Baylor Grounds, Virginia, Chesapeake Bay

## Summary

"The Constitution of Virginia, Article XI, guarantees that the natural oyster beds, rocks, and shoals be reserved for public use." Virginia Marine Resource Commission (<http://mrc.virginia.gov/vmrchist.shtm#eightenninetyfour>).

## Description

The "Baylor Survey" was conducted over a two year period beginning in 1894. This massive survey located and mapped the naturally productive oyster beds, rocks, and shoals throughout Virginia's tidal waters. These Public Baylor Grounds are reserved for public shellfish harvesting and cannot be leased or used for other purposes.

## Credits

Virginia Marine Resource Commission

## Use limitations

There are no access and use limitations for this item.

## Extent

**West** -76.817966    **East** -75.291130

**North** 38.179333    **South** 36.807812

## Scale Range

**Maximum (zoomed in)** 1:5,000

**Minimum (zoomed out)** 1:150,000,000

## ArcGIS Metadata

### Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE    biota

PLACE KEYWORDS    Virginia, Chesapeake Bay

THEME KEYWORDS    Baylor Grounds

## Citation

TITLE Public Baylor Grounds  
REVISION DATE 2015-03-19 00:00:00

PRESENTATION FORMATS \* digital map

## 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 10.1.0.3035

### CREDITS

Virginia Marine Resource Commission

### ARCgis ITEM PROPERTIES

\* NAME BaylorGrounds\_from\_kmz\_June26\_2015\_utm18  
\* SIZE 0.741  
\* LOCATION \*\*\*\*\*  
\* ACCESS PROTOCOL Local Area Network

## Extents

EXTENT  
GEOGRAPHIC EXTENT  
BOUNDING RECTANGLE  
EXTENT TYPE Extent used for searching  
\* WEST LONGITUDE -76.817966  
\* EAST LONGITUDE -75.291130  
\* NORTH LATITUDE 38.179333  
\* SOUTH LATITUDE 36.807812  
\* EXTENT CONTAINS THE RESOURCE Yes

### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 340740.754545  
\* EAST LONGITUDE 474035.686195  
\* SOUTH LATITUDE 4075039.582553  
\* NORTH LATITUDE 4225754.219451  
\* EXTENT CONTAINS THE RESOURCE Yes

## Resource Points of Contact

### POINT OF CONTACT

ORGANIZATION'S NAME Virginia Marine Resources Commission  
INDIVIDUAL'S NAME Erik Barth  
CONTACT'S ROLE point of contact

### CONTACT INFORMATION

#### PHONE

VOICE (757) 247-2262

#### ADDRESS

TYPE physical  
CITY Newport News  
ADMINISTRATIVE AREA VA  
DELIVERY POINT 2600 Washington Avenue, 3rd Floor  
POSTAL CODE 23607  
E-MAIL ADDRESS Erik.Barth@mrc.virginia.gov

## Resource Maintenance

### RESOURCE MAINTENANCE

UPDATE FREQUENCY unknown

## Spatial Reference

### ARCGIS COORDINATE SYSTEM

\* TYPE Projected  
\* GEOGRAPHIC COORDINATE REFERENCE GCS\_North\_American\_1983  
\* PROJECTION NAD\_1983\_UTM\_Zone\_18N  
\* COORDINATE REFERENCE DETAILS

### PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 26918

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

LATESTWKID 26918

### WELL-KNOWN TEXT

PROJCS["NAD\_1983\_UTM\_Zone\_18N",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",-

75.0],PARAMETER["Scale\_Factor",0.9996],PARAMETER["Latitude\_Of\_Origin",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",26918]]

#### REFERENCE SYSTEM IDENTIFIER

- \* VALUE 4326
- \* CODESPACE EPSG
- \* VERSION 7.9.4

## Spatial Data Properties

#### VECTOR

- \* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

#### GEOMETRIC OBJECTS

- FEATURE CLASS NAME BaylorGrounds\_from\_kmz\_June26\_2015\_utm18
- \* OBJECT TYPE composite
- \* OBJECT COUNT 539

#### ARCGIS FEATURE CLASS PROPERTIES

- FEATURE CLASS NAME BaylorGrounds\_from\_kmz\_June26\_2015\_utm18
- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Polygon
- \* HAS TOPOLOGY FALSE
- \* FEATURE COUNT 539
- \* SPATIAL INDEX FALSE
- \* LINEAR REFERENCING TRUE

## Data Quality

#### SCOPE OF QUALITY INFORMATION

- RESOURCE LEVEL dataset

## Lineage

#### LINEAGE STATEMENT

The data represent marine surveys of public oyster grounds in Virginia waters. These surveys are conducted by the Virginia Marine Resources Commission (VMRC). While the surveyed boundaries are historic in nature, there have been some changes to the boundaries over time. VMRC regulates activities in these areas. The boundaries of Baylor grounds are subject to change.

## Distribution

DISTRIBUTION FORMAT

\* NAME Shapefile  
VERSION ArcGIS 10.1

TRANSFER OPTIONS

\* TRANSFER SIZE 0.741

## Fields

DETAILS FOR OBJECT [BaylorGrounds\\_from\\_kmz\\_June26\\_2015\\_utm18](#)

\* TYPE Feature Class

\* ROW COUNT 539

DEFINITION

A collection of geographic features with the same geometry type (such as point, line, or polygon), the same attributes, and the same spatial reference.

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.

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 Name

- \* ALIAS Name
- \* DATA TYPE String
- \* WIDTH 254
- \* PRECISION 0
- \* SCALE 0

#### FIELD DESCRIPTION

Baylor Ground identification number

#### DESCRIPTION SOURCE

processor

DESCRIPTION OF VALUES identification number

#### FIELD FolderPath

- \* ALIAS FolderPath
- \* DATA TYPE String
- \* WIDTH 254
- \* PRECISION 0
- \* SCALE 0

#### FIELD DESCRIPTION

folder path name

#### DESCRIPTION SOURCE

processor

DESCRIPTION OF VALUES Folder path name

#### FIELD PopupInfo

- \* ALIAS PopupInfo
- \* DATA TYPE String
- \* WIDTH 254
- \* PRECISION 0
- \* SCALE 0

#### FIELD DESCRIPTION

field formatted for a popup window.

#### DESCRIPTION SOURCE

processor

DESCRIPTION OF VALUES pop-up info provides a link to Public Baylor Grounds coordinate report.

#### FIELD Shape\_Leng

\* ALIAS Shape\_Leng

\* DATA TYPE Double

\* WIDTH 19

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Length of polygon perimeter.

DESCRIPTION SOURCE

processor

DESCRIPTION OF VALUES Numeric value in meters.

FIELD Shape\_Area

\* ALIAS Shape\_Area

\* DATA TYPE Double

\* WIDTH 19

\* PRECISION 0

\* SCALE 0

\* FIELD DESCRIPTION

Area of feature in internal units squared.

\* DESCRIPTION SOURCE

ESRI

\* DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

FIELD Type

\* ALIAS Type

\* DATA TYPE String

\* WIDTH 50

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

name of the polygon represented.

DESCRIPTION SOURCE

processor

DESCRIPTION OF VALUES Public Baylor Grounds 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 2015-07-02

ARCGIS METADATA PROPERTIES  
METADATA FORMAT ArcGIS 1.0  
METADATA STYLE ISO 19139 Metadata Implementation Specification  
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2015-06-29 09:12:14  
LAST MODIFIED IN ARCGIS FOR THE ITEM 2015-07-02 94:90:30

AUTOMATIC UPDATES  
HAVE BEEN PERFORMED Yes  
LAST UPDATE 2015-07-02 09:42:03

## Metadata Contacts

METADATA CONTACT  
INDIVIDUAL'S NAME Tamia Rudnicky  
ORGANIZATION'S NAME Comprehensive Coastal Inventory Program, Center for Coastal Resources Management, Virginia Institute of Marine Science  
CONTACT'S ROLE processor

### CONTACT INFORMATION

PHONE  
VOICE (804) 684-7181

ADDRESS  
TYPE postal  
DELIVERY POINT P.O. Box 1346  
CITY Gloucester Point  
ADMINISTRATIVE AREA Virginia  
POSTAL CODE 23062  
COUNTRY US

## Thumbnail and Enclosures

THUMBNAIL  
THUMBNAIL TYPE JPG