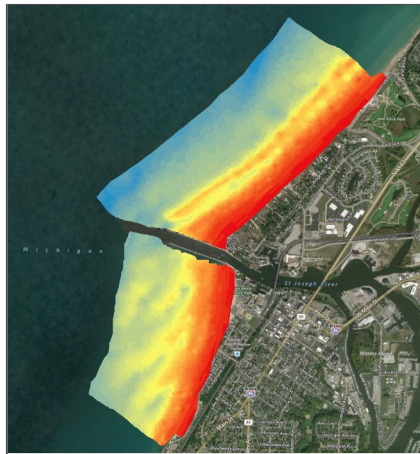


St. Joseph Coastal Study Surface Layer 2017

File Geodatabase Feature Class



Tags

City of St. Joseph 5 Year Topographic Bathymetric

Summary

Conduct a "5 Year" review and update of the 2012 St. Joseph Coastal Engineering Study to determine appropriate coastal management approaches within the City of St. Joseph.

Description

Topographic and bathymetric survey data collected May, 2017.

Horizontal Reference: NAD 85 (North American Datum 1985) feet.

Vertical Datum: IGLD 85 (International Great Lakes Datum 1985).

Credits

Abonmarche Consultants, Inc.; Edgewater Resources, LLC

Use limitations

There are no access and use limitations for this item.

Extent

West	-86.503619	East	-86.470577
North	42.133776	South	42.098988

Scale Range

Maximum (zoomed in)	1:5,000
Minimum (zoomed out)	1:50,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE elevation, environment

* CONTENT TYPE Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION Yes

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE St. Joseph Coastal Study Surface Layer 2017

PRESENTATION FORMATS * digital map

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Michael Morphey
ORGANIZATION'S NAME Abonmarche Consultants, LLC
CONTACT'S POSITION PE, Project Manager
CONTACT'S ROLE publisher

CONTACT INFORMATION ►

PHONE

VOICE 269.927.2295

ADDRESS

TYPE both
DELIVERY POINT 95 West Main Street
CITY Benton Harbor
ADMINISTRATIVE AREA Michigan
POSTAL CODE 49022
COUNTRY US

[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 10.5.0.6491

CREDITS

Abonmarche Consultants, Inc.; Edgewater Resources, LLC

ARCGIS ITEM PROPERTIES

* NAME St_Joseph_Coastal_Study_Surface_Layer_2017
* LOCATION file:///\\abonbhfs\GIS\Projects\2017\17-0277_SJ_Coastal_Study\data\GIS_Inventory_Net\St_Joseph_Coastal_Study_2017.gdb

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
 WEST LONGITUDE -86.503619
 EAST LONGITUDE -86.470577
 NORTH LATITUDE 42.133776
 SOUTH LATITUDE 42.098988
 EXTENT CONTAINS THE RESOURCE Yes

VERTICAL EXTENT

MINIMUM VALUE 534.187273
 MAXIMUM VALUE 612.0138

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 12543747.502352
 * EAST LONGITUDE 12552401.353483
 * SOUTH LATITUDE 225642.518737
 * NORTH LATITUDE 238105.843876
 * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Michael Morphey
 ORGANIZATION'S NAME Abonmarche Consultants, LLC
 CONTACT'S POSITION PE, Project Manager
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 COUNTRY US

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Resource Maintenance ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_StatePlane_Michigan_South_FIPS_2113_Feet
- * COORDINATE REFERENCE DETAILS
 - PROJECTED COORDINATE SYSTEM
 - WELL-KNOWN IDENTIFIER 102690
 - X ORIGIN -107138400
 - Y ORIGIN -97193600
 - XY SCALE 3048.0060960121928
 - Z ORIGIN -100000
 - Z SCALE 10000
 - M ORIGIN -100000
 - M SCALE 10000
 - XY TOLERANCE 0.00328083333333333331
 - Z TOLERANCE 0.001
 - M TOLERANCE 0.001
 - HIGH PRECISION true
 - LATEST WELL-KNOWN IDENTIFIER 102690
 - VCSWKID 5609
 - LATESTVCSWKID 5609
 - WELL-KNOWN TEXT PROJCS
 - ["NAD_1983_StatePlane_Michigan_South_FIPS_2113_Feet",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["Lambert_Conformal_Conic"],PARAMETER
 - ["False_Easting",13123333.333333333],PARAMETER["False_Northing",0.0],PARAMETER
 - ["Central_Meridian",-84.36666666666666],PARAMETER
 - ["Standard_Parallel_1",42.1],PARAMETER
 - ["Standard_Parallel_2",43.66666666666666],PARAMETER["Latitude_Of_Origin",41.5],UNIT
 - ["Foot_US",0.3048006096012192],AUTHORITY["Esri",102690]],VERTCS
 - ["IGLD_1985",VDATUM["International_Great_Lakes_Datum_1985"],PARAMETER
 - ["Vertical_Shift",0.0],PARAMETER["Direction",1.0],UNIT["Meter",1.0],AUTHORITY
 - ["EPSG",5609]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 102690
- * CODESPACE Esri
- * VERSION 8.0.1

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME St_Joseph_Coastal_Study_Surface_Layer_2017
- * OBJECT TYPE solid
- * OBJECT COUNT 56159

[Hide Vector ▲](#)**GEOREFERENCEABLE GRID ▶**

TRANSFORMATION PARAMETERS ARE AVAILABLE No

CONTROL POINTS ARE AVAILABLE No

ORIENTATION PARAMETERS ARE AVAILABLE No

[Hide Georeferenceable Grid ▲](#)**VECTOR ▶**

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME St_Joseph_Coastal_Study_Surface_Layer_2017

* OBJECT TYPE solid

* OBJECT COUNT 56159

[Hide Vector ▲](#)**ARCGIS FEATURE CLASS PROPERTIES ▶**

FEATURE CLASS NAME St_Joseph_Coastal_Study_Surface_Layer_2017

* FEATURE TYPE Simple

* GEOMETRY TYPE Multipatch

* HAS TOPOLOGY FALSE

* FEATURE COUNT 56159

* SPATIAL INDEX TRUE

* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)[Hide Spatial Data Properties ▲](#)**Distribution ▶****DISTRIBUTION FORMAT**

* NAME File Geodatabase Feature Class

[Hide Distribution ▲](#)**Fields ▶****DETAILS FOR OBJECT St_Joseph_Coastal_Study_Surface_Layer_2017 ▶**

* TYPE Feature Class

* ROW COUNT 56159

FIELD OBJECTID ▶

* ALIAS OBJECTID

* 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.

Hide Field OBJECTID ▲

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.

Hide Field Shape ▲

FIELD Entity ►

* ALIAS Entity
* DATA TYPE String
* WIDTH 16
* PRECISION 0
* SCALE 0

Hide Field Entity ▲

FIELD Handle ►

* ALIAS Handle
* DATA TYPE String
* WIDTH 16
* PRECISION 0
* SCALE 0

Hide Field Handle ▲

FIELD Layer ►

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

Hide Field Layer ▲

FIELD LyrFrzn ►

- * ALIAS LyrFrzn
- * DATA TYPE SmallInteger
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

Hide Field LyrFrzn ▲

FIELD LyrLock ►

- * ALIAS LyrLock
- * DATA TYPE SmallInteger
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

Hide Field LyrLock ▲

FIELD LyrOn ►

- * ALIAS LyrOn
- * DATA TYPE SmallInteger
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

Hide Field LyrOn ▲

FIELD LyrVPFrzn ►

- * ALIAS LyrVPFrzn
- * DATA TYPE SmallInteger
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

Hide Field LyrVPFrzn ▲

FIELD LyrHandle ►

- * ALIAS LyrHandle
- * DATA TYPE String
- * WIDTH 16
- * PRECISION 0
- * SCALE 0

Hide Field LyrHandle ▲

FIELD Color ►

- * ALIAS Color
- * DATA TYPE SmallInteger
- * WIDTH 2
- * PRECISION 0

* SCALE 0

Hide Field Color ▲

FIELD EntColor ►

* ALIAS EntColor
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 0
* SCALE 0

Hide Field EntColor ▲

FIELD LyrColor ►

* ALIAS LyrColor
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 0
* SCALE 0

Hide Field LyrColor ▲

FIELD BlkColor ►

* ALIAS BlkColor
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 0
* SCALE 0

Hide Field BlkColor ▲

FIELD Linetype ►

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

Hide Field Linetype ▲

FIELD EntLinetype ►

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

Hide Field EntLinetype ▲

FIELD LyrLnType ►

* ALIAS LyrLnType
* DATA TYPE String
* WIDTH 255

- * PRECISION 0
- * SCALE 0

Hide Field LyrLnType ▲

FIELD BlkLinetype ►

- * ALIAS BlkLinetype
- * DATA TYPE String
- * WIDTH 255
- * PRECISION 0
- * SCALE 0

Hide Field BlkLinetype ▲

FIELD Elevation ►

- * ALIAS Elevation
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

Hide Field Elevation ▲

FIELD Thickness ►

- * ALIAS Thickness
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

Hide Field Thickness ▲

FIELD LineWt ►

- * ALIAS LineWt
- * DATA TYPE SmallInteger
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

Hide Field LineWt ▲

FIELD EntLineWt ►

- * ALIAS EntLineWt
- * DATA TYPE SmallInteger
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

Hide Field EntLineWt ▲

FIELD LyrLineWt ►

- * ALIAS LyrLineWt
- * DATA TYPE SmallInteger

- * WIDTH 2
- * PRECISION 0
- * SCALE 0

Hide Field LyrLineWt ▲

FIELD BlkLineWt ►

- * ALIAS BlkLineWt
- * DATA TYPE SmallInteger
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

Hide Field BlkLineWt ▲

FIELD RefName ►

- * ALIAS RefName
- * DATA TYPE String
- * WIDTH 255
- * PRECISION 0
- * SCALE 0

Hide Field RefName ▲

FIELD LTScale ►

- * ALIAS LTScale
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

Hide Field LTScale ▲

FIELD ExtX ►

- * ALIAS ExtX
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

Hide Field ExtX ▲

FIELD ExtY ►

- * ALIAS ExtY
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

Hide Field ExtY ▲

FIELD ExtZ ►

- * ALIAS ExtZ

* DATA TYPE Double
 * WIDTH 8
 * PRECISION 0
 * SCALE 0

[Hide Field ExtZ ▲](#)

[Hide Details for object St_Joseph_Coastal_Study_Surface_Layer_2017 ▲](#)

[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 2017-12-22

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 2017-11-14 10:38:16
 LAST MODIFIED IN ARCGIS FOR THE ITEM 2017-12-22 11:05:15

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
 LAST UPDATE 2017-12-22 11:05:15

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Michael Morphey
 ORGANIZATION'S NAME Abonmarche Consultants, LLC
 CONTACT'S POSITION PE, Project Manager
 CONTACT'S ROLE publisher

CONTACT INFORMATION ►

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 POSTAL CODE 49022
 COUNTRY US

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Metadata Maintenance ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ►

Entities and Attributes ►

DETAILED DESCRIPTION

ENTITY TYPE

ENTITY TYPE LABEL St_Joseph_Coastal_Study_Surface_Layer_2017

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 Entity

ATTRIBUTE

ATTRIBUTE LABEL Handle

ATTRIBUTE

ATTRIBUTE LABEL Layer

ATTRIBUTE

ATTRIBUTE LABEL LyrFrzn

ATTRIBUTE
ATTRIBUTE LABEL LyrLock

ATTRIBUTE
ATTRIBUTE LABEL LyrOn

ATTRIBUTE
ATTRIBUTE LABEL LyrVPFrzn

ATTRIBUTE
ATTRIBUTE LABEL LyrHandle

ATTRIBUTE
ATTRIBUTE LABEL Color

ATTRIBUTE
ATTRIBUTE LABEL EntColor

ATTRIBUTE
ATTRIBUTE LABEL LyrColor

ATTRIBUTE
ATTRIBUTE LABEL BlkColor

ATTRIBUTE
ATTRIBUTE LABEL Linetype

ATTRIBUTE
ATTRIBUTE LABEL EntLinetype

ATTRIBUTE
ATTRIBUTE LABEL LyrLnType

ATTRIBUTE
ATTRIBUTE LABEL BlkLinetype

ATTRIBUTE
ATTRIBUTE LABEL Elevation

ATTRIBUTE
ATTRIBUTE LABEL Thickness

ATTRIBUTE
ATTRIBUTE LABEL LineWt

ATTRIBUTE
ATTRIBUTE LABEL EntLineWt

ATTRIBUTE
ATTRIBUTE LABEL LyrLineWt

ATTRIBUTE
ATTRIBUTE LABEL BlkLineWt

ATTRIBUTE
ATTRIBUTE LABEL RefName

ATTRIBUTE
ATTRIBUTE LABEL LScale

ATTRIBUTE
ATTRIBUTE LABEL ExtX

ATTRIBUTE
ATTRIBUTE LABEL ExtY

ATTRIBUTE
ATTRIBUTE LABEL ExtZ

Hide Entities and Attributes ▲