

Shapefile Demonstration by Brett Baker Delta Measurement Experimentation Consortium Meeting – April 29, 2021

Polygons should be drawn using current version of ArcGIS (v 2.7) available at:
<https://www.esri.com/en-us/home> (Please Note system requirements)

General Procedure - Island by Island.

If you have the prior year crop map, or personal knowledge of place of Use proceed to Step 5.

Compile map(s) of Island/ Tract.

e.g. Delta Water Master Interactive Map, Assessor Plat Map, Chicago Title/ Parcel Quest

Identify Points of Diversion

Identify tentative Places of Use- Via eWRIMS

Initial Statements

Supplemental statements

Consult with Landowner or LO agent.

Draw polygon following Protocol

Drawing the polygon:

If you are familiar with ArcGIS proceed to Step 5.

Log into ARGIS

create and name a new map (E.G. BGB POUs)

Click “Add” in the toolbar and select “Add Map Notes” from the dropdown menu.

Begin drawing by selecting your first vertex {Pro Tip: Choose a clear point, as this will be both the starting and ending point of your polygon}

Draw polygon following Protocol

Upon completing polygon Assign unique identifier for polygon (e.g.

CDWA_LJT_001_JONES) + proscribe pertinent attributes in ArcGIS (e.g. S012345, APN, Acreage) {Pro Tip: simultaneously create .XLS file with pertinent attributes.}

Proposed Protocol for creating polygons in Delta ACP

No overlap of polygons.

Separate ownership lines as per APN maps respected, with no gapping to the extent feasible.

Exclude: Waterways, Railroads, Paved Roadways, and Large Buildings. (Natural features within property boundaries included)

Boundaries along levees from the approximate Landward side edge of levee crown.

Additional Maps/Layers:

Licenses

Place Holder POUs

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