OBSERVATIONAL DATA MANAGEMENT PLAN

Project Name: Gulf of Mexico Estuary Program (Planning)

Agency: U.S. Environmental Protection Agency

Project Phase: \_**X**\_ Planning Implementation Post-Implementation

Project's Designated Data Steward(s):

Project Sponsor:

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Implementing Organization:

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Estimated budget for Data Management: The cost of Observational Data Reporting is included in the indirect cost budget line item to Escambia County. The indirect cost is budgeted at $136,088 for the four-year grant period. Additional costs associated with data collection to support program metrics are to be determined at the time of the development of the CCMP Workplan.

Expected data collection start date for overall project: 01/01/2018

Expected data collection end date for overall project: 12/31/2022

Brief project description: This project will develop and provide a Comprehensive Conservation Management Plan for the Pensacola and Perdido Bays Estuary Program (PPBEP) supported by both the community and best available science.

Project location: This project is in the Pensacola and Perdido Bay estuaries. The Pensacola and Perdido Bay estuaries are located within Escambia, Santa Rosa, and Okaloosa Counties in Florida and Baldwin County, Alabama. HUC Waterbodies include 03140103-03140105 (Pensacola Bay), 03140106-03140107 (Perdido Bay), and 03140301-03140305 (Escambia Bay).

General description of data collection activities (methods, sampling frequency, etc.): TBD, data collection relating to monitoring will be determined during the development of the monitoring plan. Reports will be generated annually and otherwise as needed. Reports will evaluate and summarize other data types. Reports will be submitted to the Council annually. Data will be available to the public annually or otherwise by request.

Do you have in-house data management and metadata capacity? X\_ Yes No

If so, describe how this project’s data and metadata will be stored, archived, and made available/provided to the Council. If not, how will you ensure that the project’s data and metadata will be stored, archived, and made available/provided to the Council? Describe how this will be accomplished.

Describe how this will be accomplished: DOI’s will not be used. Escambia County will work with the State of Florida for data generated as a result of the project to be stored, archived, and made available to the Council. Project data will also be available through the FDEP and Escambia County websites. Geospatial data will be stored in sql database format file geodatabase ESRI GIS platform available through traditional ARC Info/ArcGIS format. Metadata will meet federal geographic data guidelines. Data will be archived by date and made available in a variety of standard GIS map services. Spatial integrity will be maintained consistent with standard GIS practices.

List the Observational Data Types being collected and, if known at this time\*, the following information for each:

**Data Type:** Geospatial data

**GIS Representation:** Point/polygon features

**Projection:** High Precision Geodetic Network (HPGN) / State Plane Coordinates / Florida North FIPS 0903 / U.S. Survey Foot

**Data Storage Format:** TBD

**POC:** TBD

**Frequency and Duration of Collection:** TBD

**Units:** North and East using U.S. survey foot, latitude and longitude

**Horizontal Datum:** High Precision Geodetic Network (HPGN) / State Plane Coordinates /Florida North FIPS 0903

**Vertical Datum:** NGVD88

**Data Type:** Non-geospatial data (contracts, financial information, and reports)

**Data Storage Format:** pdf

**POC:** TBD

**Frequency and Duration of Collection:** Contracts and financial information will be generated as contacts are executed and as payment is made for services necessary for the implementation of the project. Plans and specification will be developed for the design in regular intervals. Plans will be finalized prior to the end of the project. Reports will be submitted to the Council annually.

**Data Type:** OTHER– TBD

During this project, PPBEP will develop an ecosystem Monitoring plan for Pensacola and Perdido Bays which could include but is not limited to water quality physical, chemical, bacteria, and nutrient parameters. This Data Management Plan will be updated after ecosystem monitoring data gaps of Pensacola and Perdido Bays has been identified and vetted by the PPBEP Technical Advisory Committee (no later than 12/31/22).