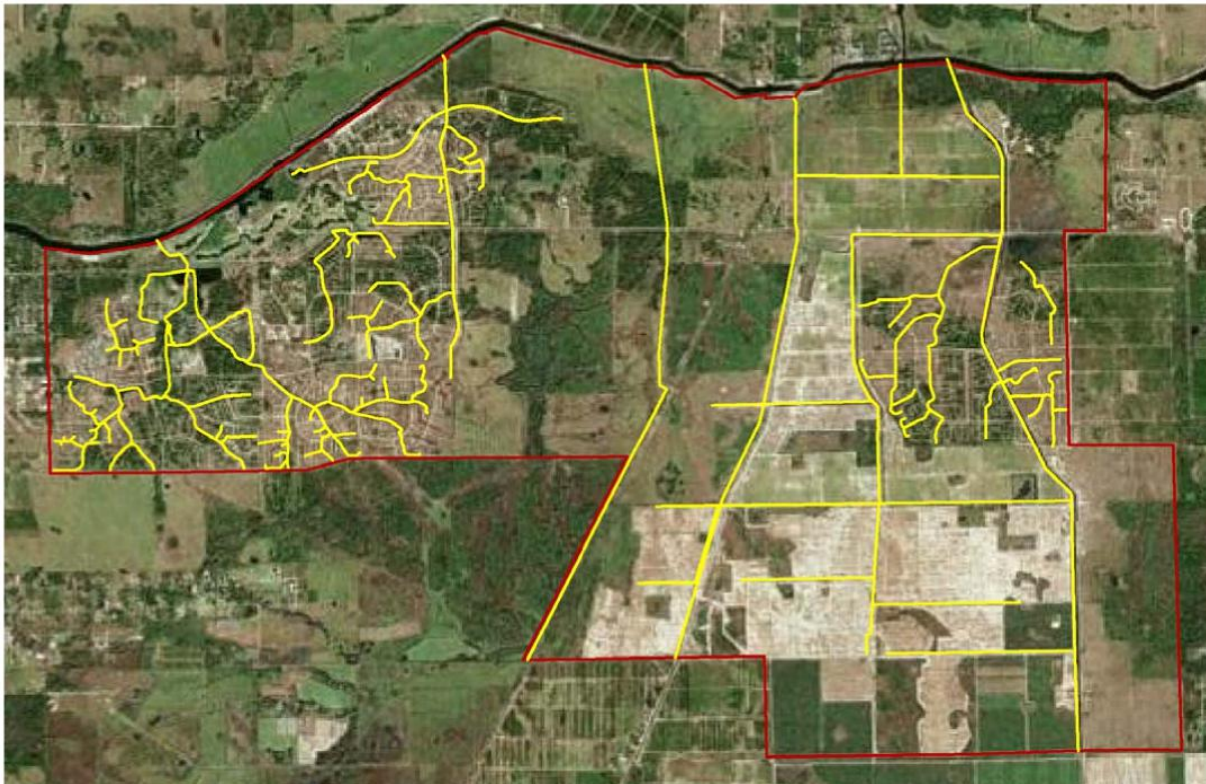


**Barron Water Control District BMP Plan
for
Caloosahatchee River and Estuary Basin Management Action Plan
September 2019**

The Barron Water Control District (BWCD) is a Chapter 298 District established in 1975, and presently codified pursuant to Chapter 2001-301. Chapter 2016-260 removed the sunset clause in Section 3a. The BWCD encompasses 31,938 acres of land within Hendry County.

The BWCD encompasses all of the lands within the Port Labelle Community Development District. The BWCD has two distinct areas of land use: urban and agricultural. Both areas are served by a gravity canal system for drainage. Canals in the BWCD accept upstream runoff from MSBU's controlled by Hendry County and adjacent Special Drainage Districts.

The BWCD collects stormwater runoff and discharges the runoff into canals flowing to the C-43. A map of the BWCD drainage canals and associated rights of way within the C-43 basin boundary is shown below.



A map generally depicting the agricultural producers enrolled within the BWCD is on file with FDACS. All agriculture stormwater entering the BWCD canals is subject to the FDACS program.

The BWCD receives runoff from the lands within the landowners and transmits the flow to discharge points. This practice does not increase the nutrient load in the runoff. The BWCD is proposing BMP's to remove nutrients, sequestered in vegetation and sediment, during the transportation process.

The BWCD proposes that the listed best management practices will be implemented and reported as activity based strategies. A specific allocation or nutrient reduction target will not be established. Rather the BWCD's activities will serve to assist in the control of nutrients as part of the efforts described in the Basin Management Action Plan. Implementation of the best management practices shall provide compliance with the BMAP and Chapters 373 and 403 F.S.

In selecting the best management practices, in coordination with DEP, the function, operation and budget of the BWCD has been considered and these listed best management practices should not be considered as cost-effective, technically practical or applicable to any other water control district within the BMAP. Each best management practice includes a description and the required records.

The BWCD will provide DEP an annual report confirming these activities are as identified below. Detailed records of same will be kept in the BWCD's offices.

1. Public Education and Outreach

Description: The BWCD shall include as part of its annual meeting, an agenda item to alert its landowners of the existence of the BMAP and requirements for agricultural landowners. DEP and FDACS will assist with the preparation of the agenda materials.

Report: Annual Landowners' Agenda. A copy of the agenda and background materials shall be on file.

2. FDACS BMP Assistance

Description: The BWCD will provide assistance to the Florida Department of Agriculture and Consumer Services (FDACS), when requested. The BWCD will identify current landowner or producer and their contact information based on the BWCD records. The BWCD will contact landowners identified by FDACS to encourage the landowner or producer to participate in the FDACS BMP programs and recommend they contact DEP to learn more about the program.

Report: Number of landowners/producer information requested by FDACS and responses provided.

3. Nutrient Controls

Description: No nutrients imported via direct land application for application on the BWCD's rights of way.

Report: Annual verification by BWCD

4. Canal/Ditch Bank Berms

Description: Minimize sediment transport by constructing berms on top of canal/ditch banks and promoting vegetative cover. Developed agricultural lands discharge to the canal system through control structures. Sheet flow from urban areas crosses large grass strips to filter nutrients.

Report: Visual Observation

5. Control Structures

Description: Maintain existing water control structures to regulate storm water discharges during storm events and to allow nutrients and sediments to settle out in the canals where they can be removed. Evaluate the cost benefit impact of new structures as identified to improve water quality.

Report: Structure type, location, and operation. Identify proposed structures analyzed and the results. Nutrient Controls

Description: No application of fertilizer within the BWCD's rights of way.

Report: Annual verification by BWCD.