



Good Morning!
**Please sign-in by putting your name and
organization in the chat box.**

Thanks!

MOBILE BAY NATIONAL ESTUARY PROGRAM EXECUTIVE COMMITTEE MEETING



August 27, 2021
Google Meet Virtual





AGENDA

- Introductions/Call to Order
- Approval of Minutes
- Presentations
 - Pensacola and Perdido Bays Estuary Program- Donald Killorn, Executive Director
 - Association of National Estuary Programs- Rich Innes, Senior Policy Director
- Director's Report
- Committee Reports
 - Science Advisory
 - Project Implementation
 - Government Networks
 - Community Action
 - Business Resources
 - Community Resources
 - Finance
- Old Business
- New Business
- Other/Announcements
- Adjourn



Pensacola & Perdido Bays Estuary Program

Donald Killorn, Executive Director





THE ASSOCIATION OF *National Estuary Programs*

Rich Innes, Senior Policy Director

DIRECTOR'S REPORT: COE RELEVANCY REVIEW/QMP



COE Relevancy Review

- 25 proposals reviewed
- 19 respondents across five groups
- Projects relevant to CCMP values beaches, resilience, or water quality

EPA Quality Management Plan

- EPA requirement for funding
- Purpose - to document the overall policy, scope, applicability, and management responsibilities of the quality system.
- Establishes standard procedures and any other technical data that might be required to describe data management plans at the DISL



DIRECTOR'S REPORT: EXTERNAL GRANTS



Source	Amount Requested	Status	Title of Project	Description
Alabama Power	50,000	Awarded	Coastal Alabama Fisheries Fund	Establish a revolving loan fund to support fisheries livelihoods
NFWF-National Coastal Resilience Fund	5,000,000	Pending	Deer River Marsh Creation/Shoreline Stabilization	Support construction of GEBF project
EPA Gulf of Mexico Program	499,915	Pending	Use of Green Infrastructure to improve Water Quality in Mobile Bay	Create a competition and implement winning design for comprehensive green infrastructure installations in Dog River, Three Mile Creek, Eastern Shore and Bon Secour watersheds

DIRECTOR'S REPORT: PROGRAM OUTREACH/WMP SUPPORT

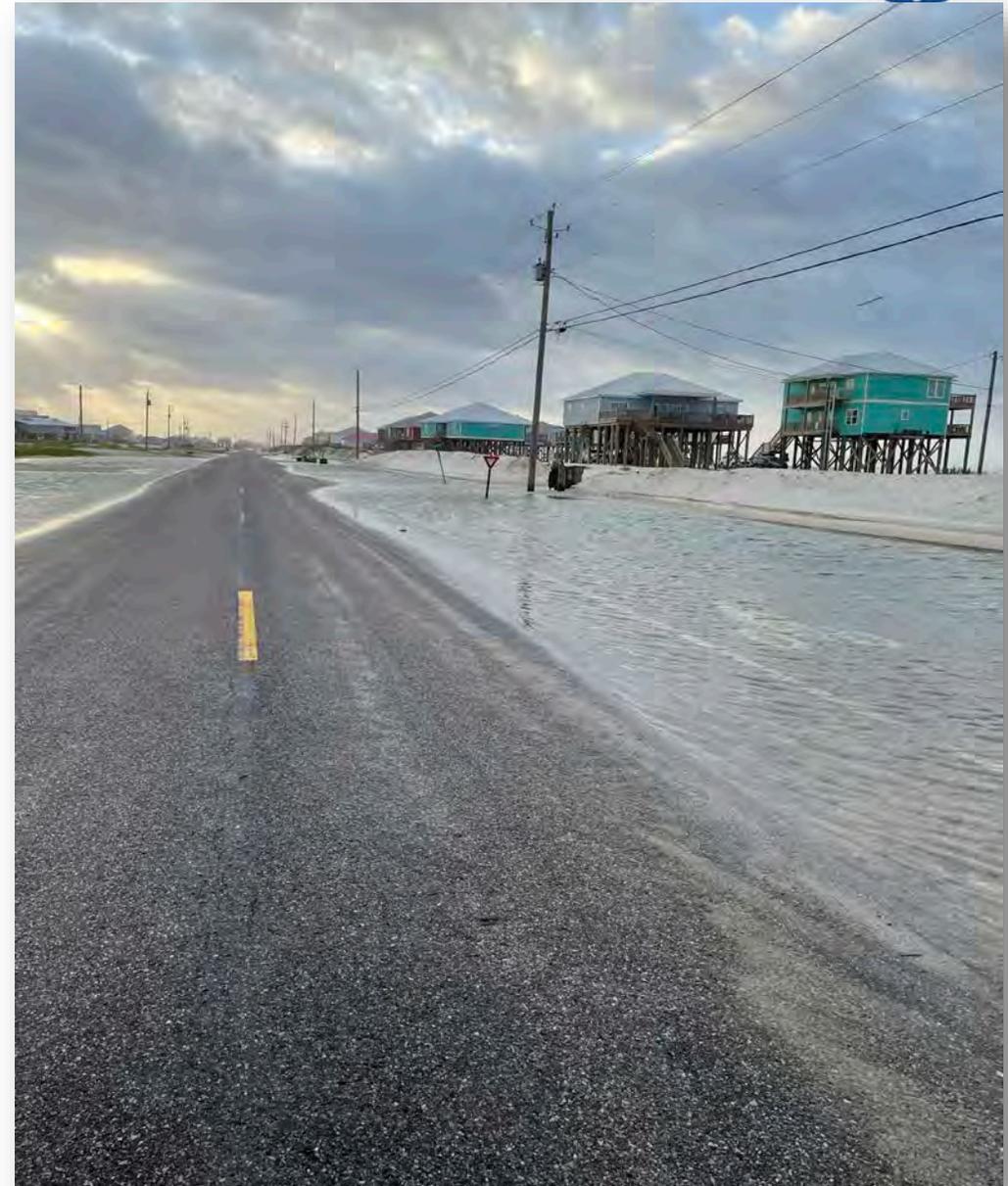


- **Tours given**

Date	Tour	Attendees
6/16	D'Olive Watershed Tour	Mayors for City of Mobile, Daphne; City of Mobile & Daphne staff; engineers
7/8	D'Olive Watershed Tour	Congressman Carl & staff; County Commission Davis; Mobile County staff; City of Mobile staff; engineers
7/9	12 Mile Creek/Langan Park Snails	Mayor for City of Mobile; City of Mobile staff; engineers
7/20	Dauphin Island	Costas Christ and Beyond Green Travel; CAP staff
7/29	Shorelines: Lightning Point, Bayfront Park	Project Implementation Committee members

- **Dauphin Island Fiscal Impact Analysis**

An analysis of taxes generated versus cost of services on Dauphin Island



DIRECTOR'S REPORT: SPECIAL EVENTS



Three Mile Creek Fest!



Social Media Reach



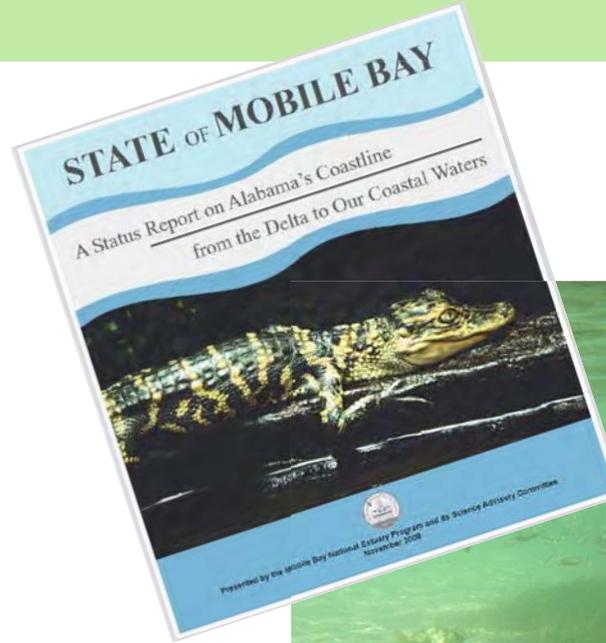
- Social media reach has increased 1000% this quarter.
- Our follower count has nearly doubled in the last two quarters.
- Our top 9 cities by follower are all in coastal Alabama, and number 10 is Pensacola.

SCIENCE ADVISORY COMMITTEE



Next SAC Meeting: October 8, 2021

- Working with a sub-committee to discuss potential changes to indicators used to evaluate the State-of-the-Bay
- Soliciting SAC members to complete an updated version of the 2012 Stressor Matrix with CCMP values
 - Comparison with 2012 results will inform potential update/extension of CCMP

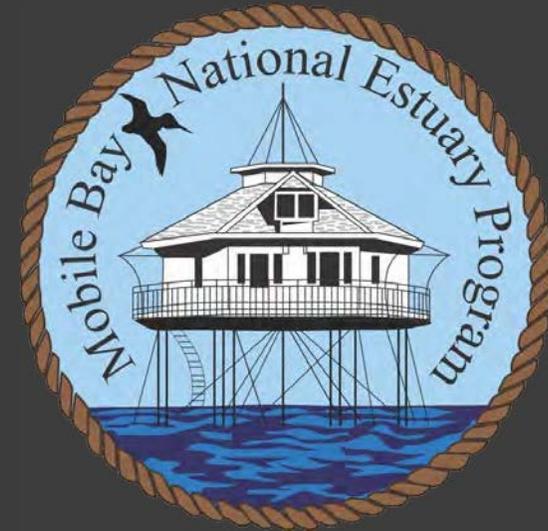


Impacted Habitats	CCMP Values	Ecosystem Services	Event/Response			Event/Response		
			Chemical contamination	Dredging/filling	Fire suppression	Fragmentation	Invasive/exotic species	Land-use change
Estuaries	ACCESS							
Estuaries	WILDLIFE							
Estuaries	HERITAGE							
Estuaries	BEACHES							
Estuaries	RESILIENCE							
Shoreline	ACCESS							
Shoreline	WILDLIFE							
Shoreline	HERITAGE							
Shoreline	BEACHES							
Shoreline	RESILIENCE							

Next PIC Meeting: September 30, 2021

- Planning an invasive species themed agenda.
- Held first off-cycle topical meeting on July 29. The shoreline restoration site tour visited partner projects in south Mobile County. **~15 attended**

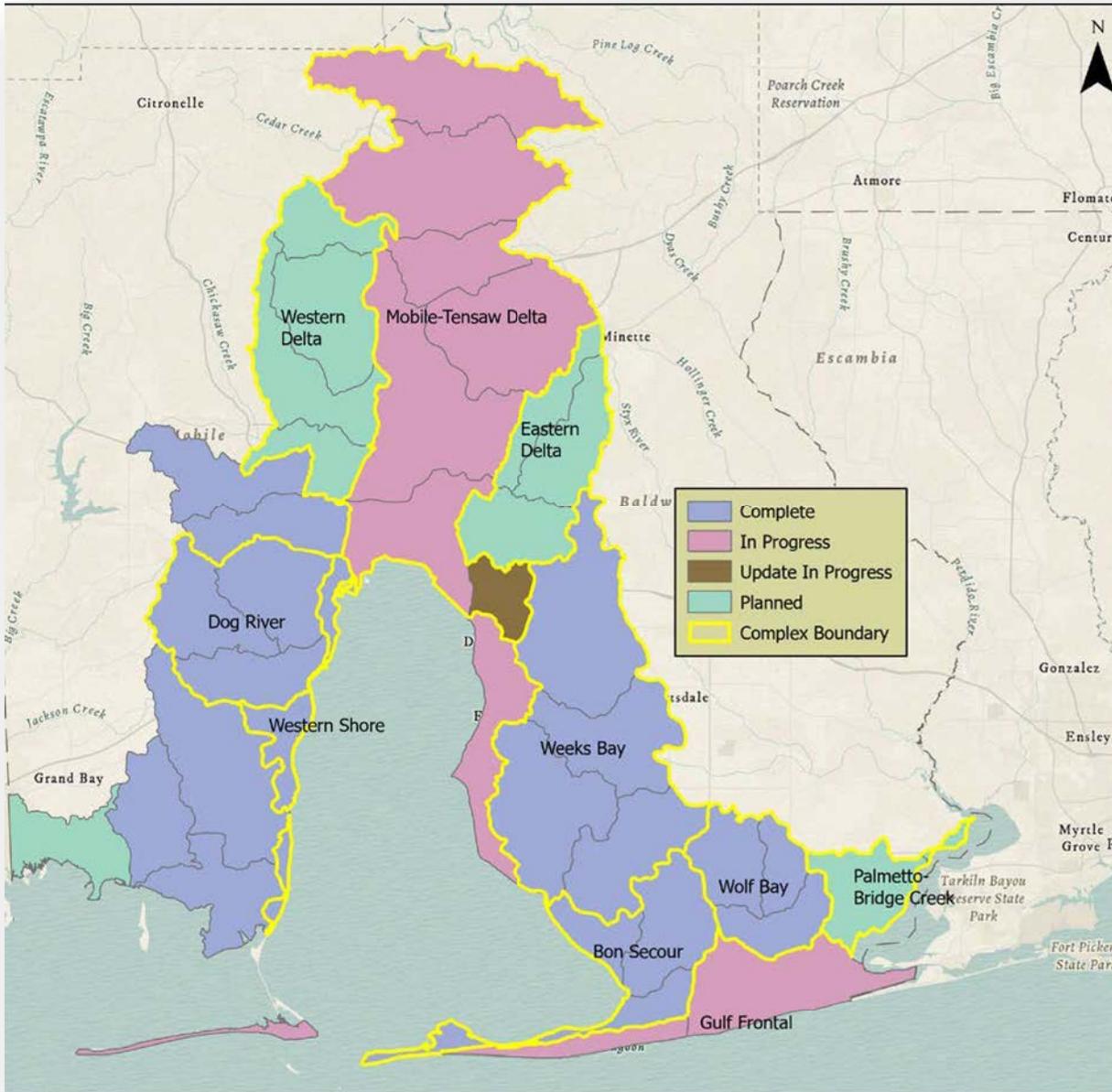




MBNEP RESTORATION UPDATE

August 27, 2021

WATERSHED PLANNING UPDATE



Watershed	Status
Western Shore	Out for comment/final Sept. '21
Gulf Frontal	Internal review/final Oct. '21
D'Olive Update	Final Oct. '21
MTA Delta	In progress – Final Dec. '21
Eastern Shore	In progress – Final Jan. '21
Dauphin Island	In progress – Final April '22
Perdido	On Deck – RFQ release Sept. '21
Western Delta	On Deck – RFQ release Oct. '21
Eastern Delta	RFQ release 1 st Qtr. '22
Grand Bay	RFQ release 1 st Qtr. '22

12 MILE CREEK RESTORATION



• Project Objectives

- Stabilize and restore 1,800 linear feet
- Reduce stream flow and velocity
- Reduce sediment loads
- Improve water quality
- Remove invasive plants and re-establish native vegetation in riparian areas

• Project Status

- Stream channel construction substantially complete
- Planting to take place in late fall/early winter
- Vegetation monitoring protocol being finalized
- John Curry certifying no-rise status



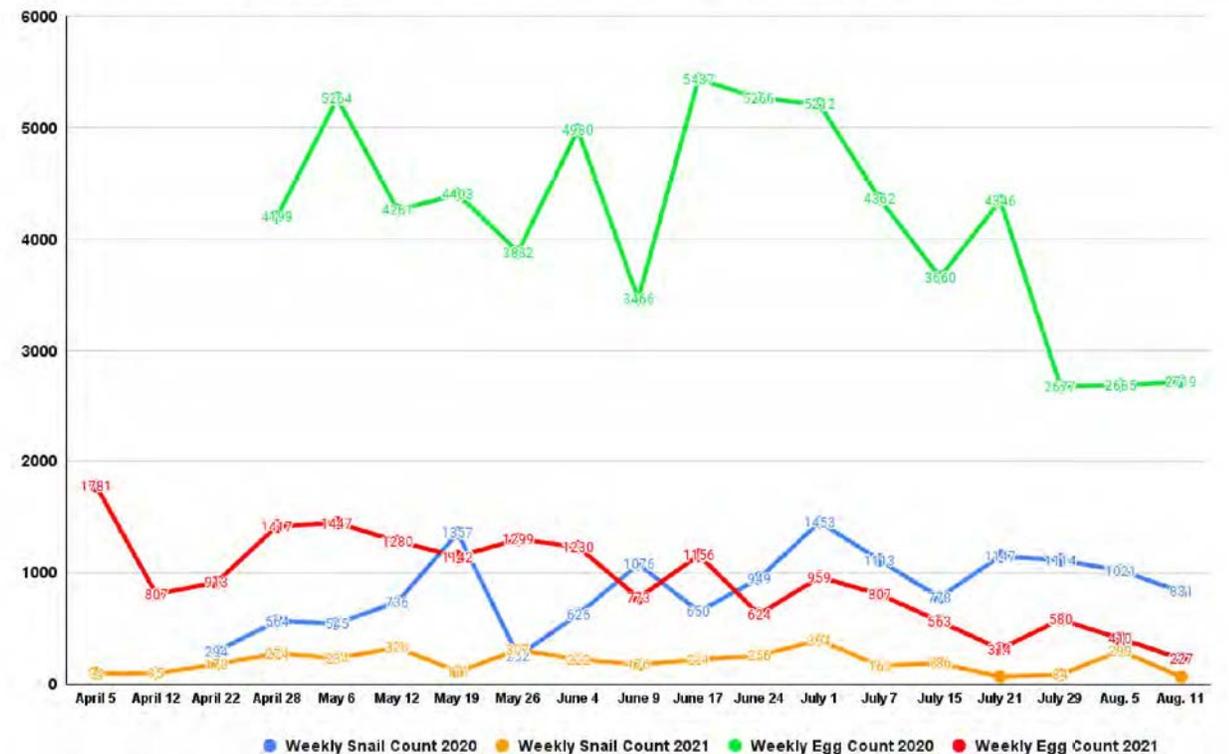
INVASIVE SPECIES MANAGEMENT



- Langan Park Lake apple snail eradication underway
 - Osprey removing eggs and adults twice/week
 - American Sportfish applying herbicide and molluscicide treatments
 - >75% vegetation removal
 - Cu treatments very effective
 - Increasing Cu rates strategically
- Invasive Plants
 - Focus on priority “Hot Spot” areas in TMC ISCP
 - Working with Jeremiah Henning, USA
 - Potential volunteer opportunities



2020 Data vs 2021 Data: Weekly Snail & Egg Mass Collection Counts



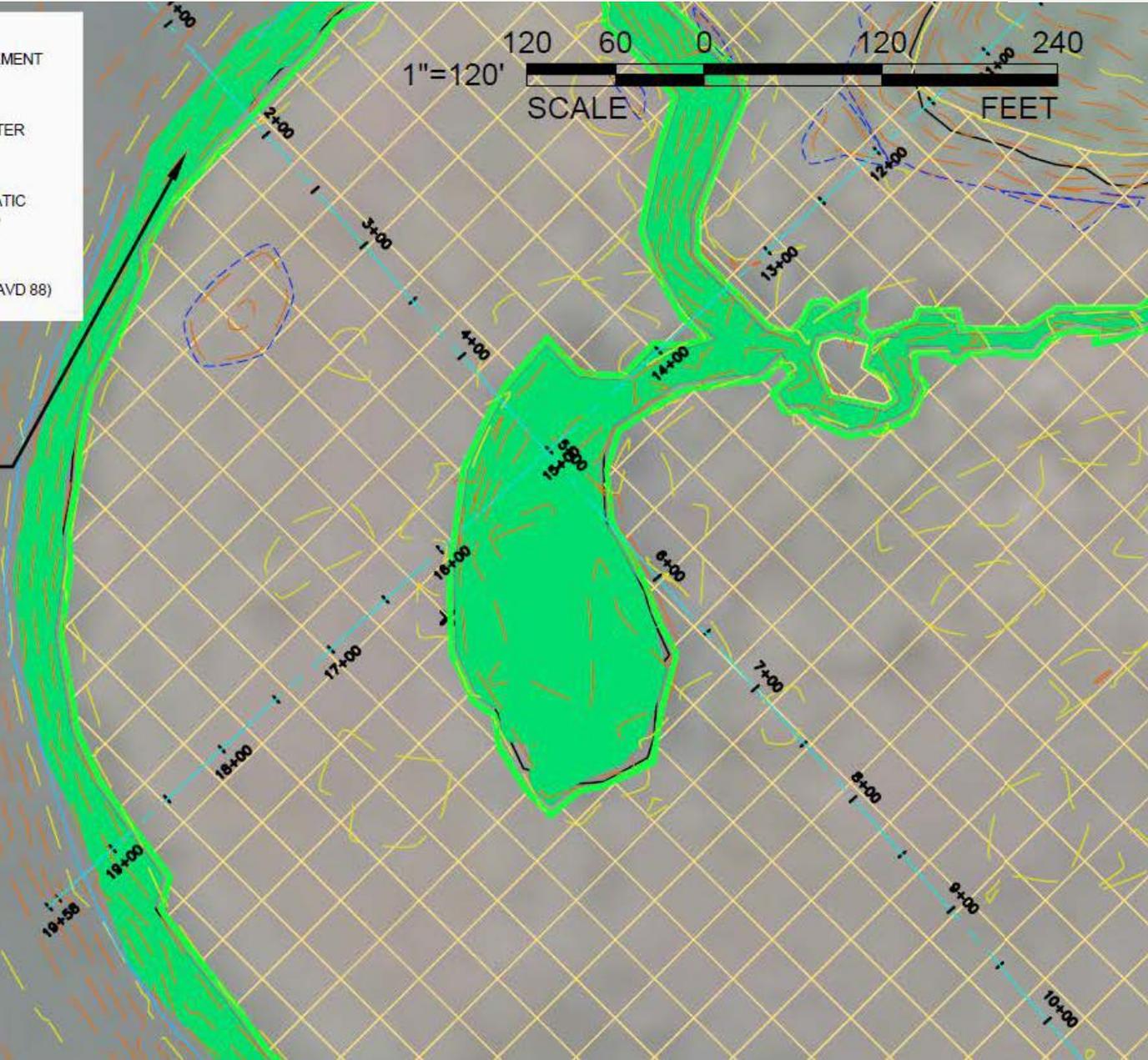
FOWL RIVER SPITS



- LEGEND:
-  THIN LAYER PLACEMENT
 -  COIR LOGS
 -  TIMBER BREAKWATER
 -  RIP RAP
 -  SUBMERGED AQUATIC VEGETATION (SAV)
 -  WETLANDS
 -  MHHW = 0.82 FT (NAVD 88)



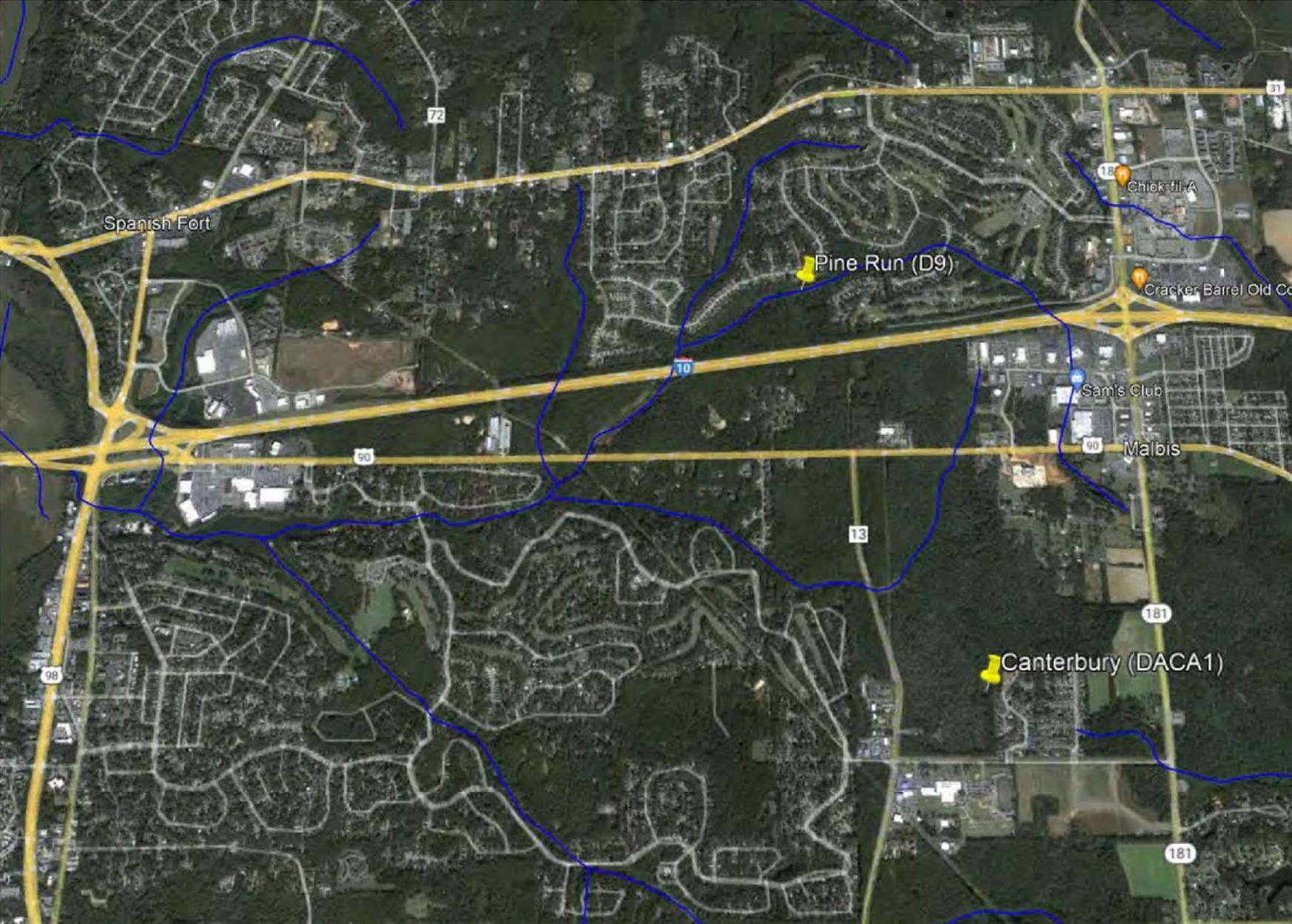
POTENTIAL
OUTFLOW
LOCATION



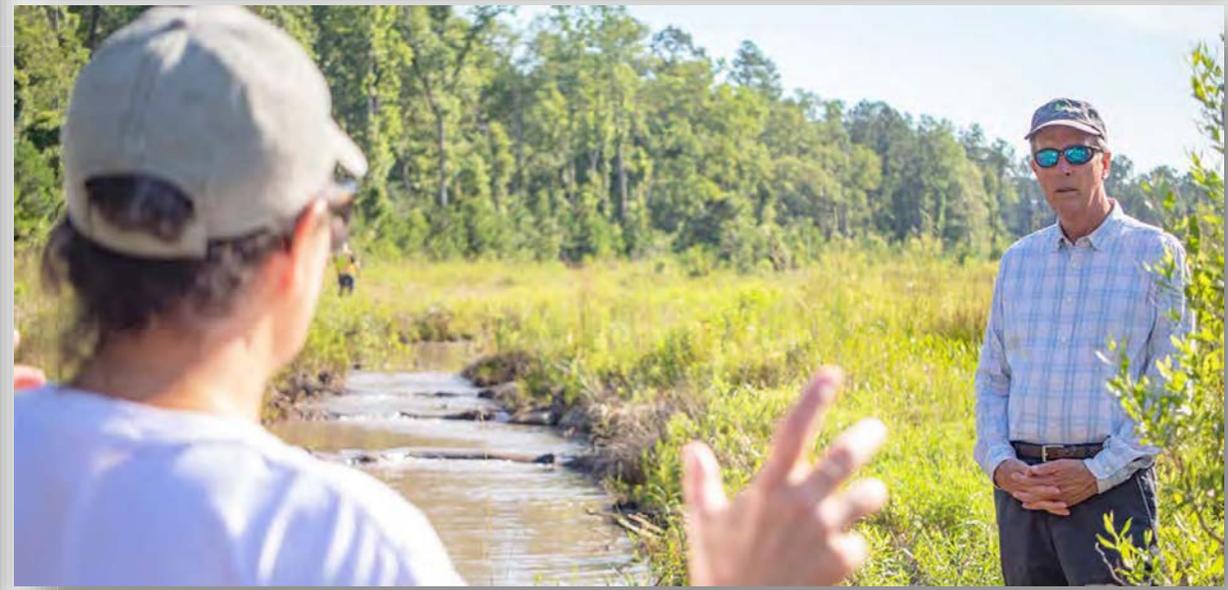
DEER RIVER MARSH



D'OLIVE RESTORATION



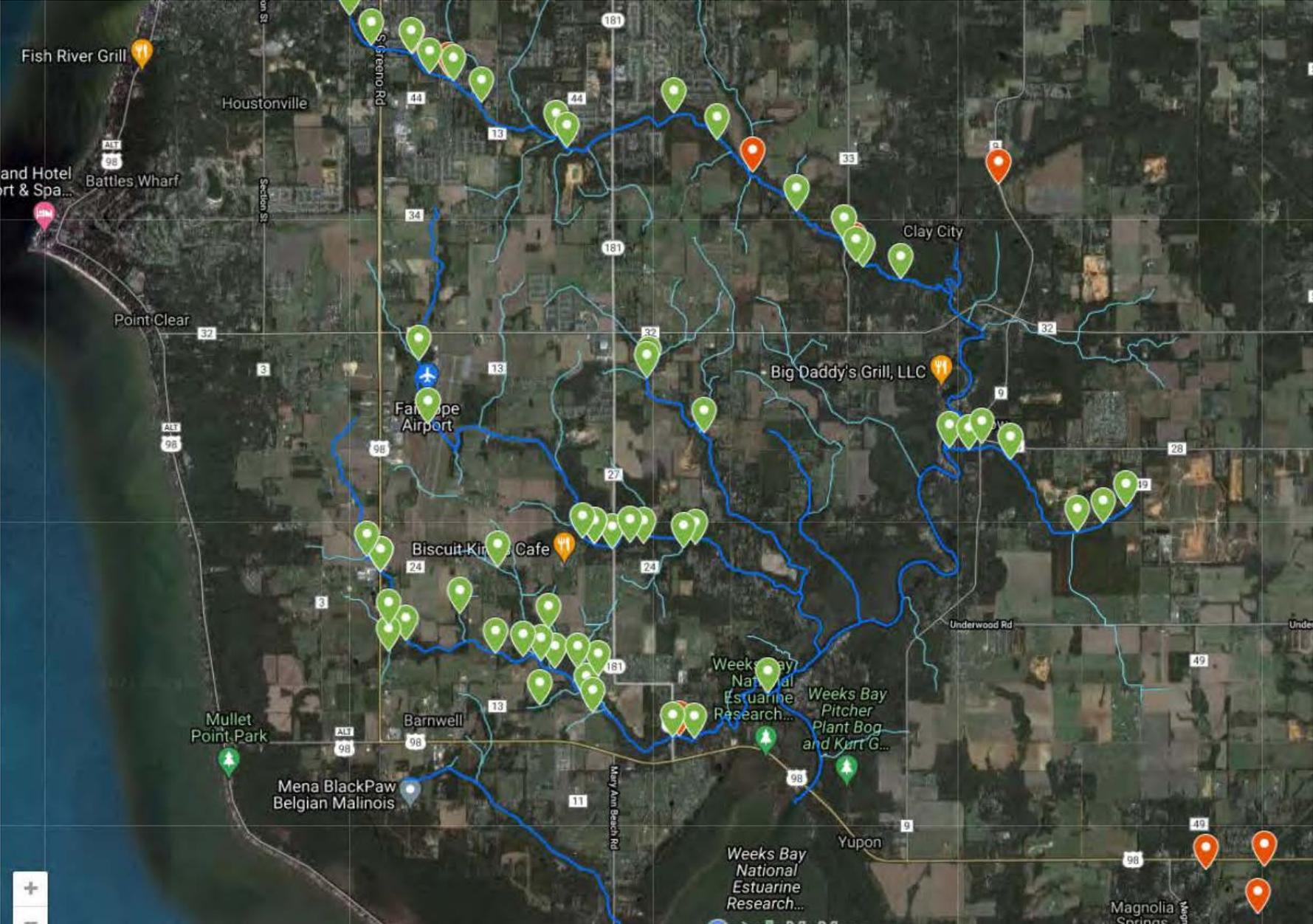
D'OLIVE RESTORATION



D'OLIVE RESTORATION



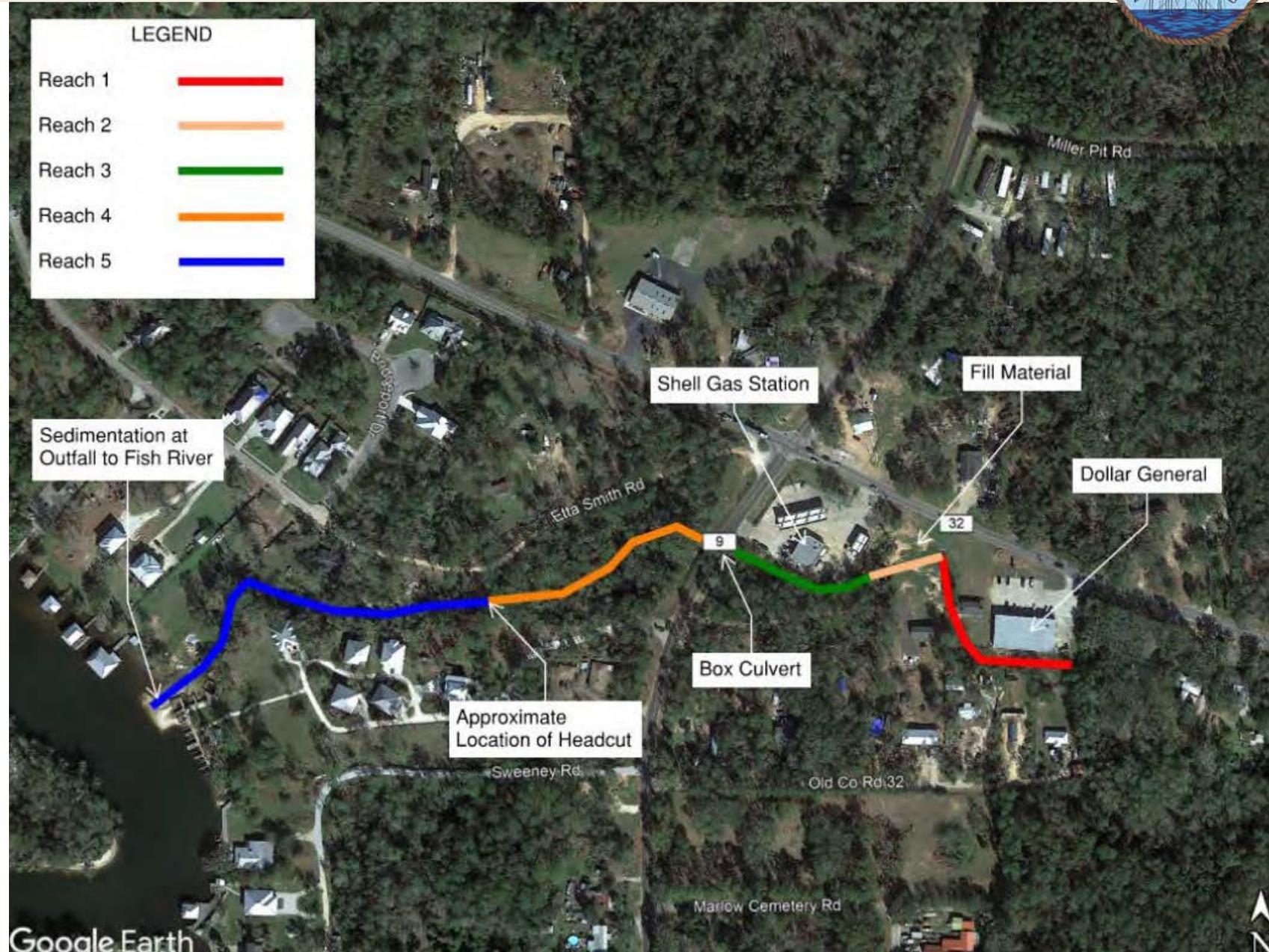
LOWER FISH RIVER



MARLOW STREAM RESTORATION



- 30% design received.
- Working with landowners to secure construction access.



Next GNC Meeting:

late September/early October

- South Alabama Stormwater Regulatory Review update nearing completion
 - Pre/Post Construction stormwater regs, LID, shorelines
 - Update includes review of trash/litter/recycling regs
- Planning for next meeting
 - SB 107 – affects municipal police & planning jurisdictions
 - Litter analysis– Review watershed-based tools utilized to pinpoint potential litter hotspots in coastal watersheds



COMMUNITY ACTION COMMITTEE



CAC Meeting: July 13, 2021

Topic: Importance of Citizen Involvement in Watershed Planning

- Three Mile Creek WMP & restoration process as example
- Allows community ideas to be brought to life
- Ensures community expectations are met

Other Topics of Discussion:

Who pushes WMPs forward once the plan is published?

- Revealed need for momentum among certain grassroots groups

Fowl & West Fowl River volunteer monitors recording high E.Coli levels at multiple sites

- Reporting Protocol for alerting ADEM to data-based water quality issues is in development

11 virtually attended



Next CAC Meeting: October 12, 2021

COMMUNITY ACTION COMMITTEE



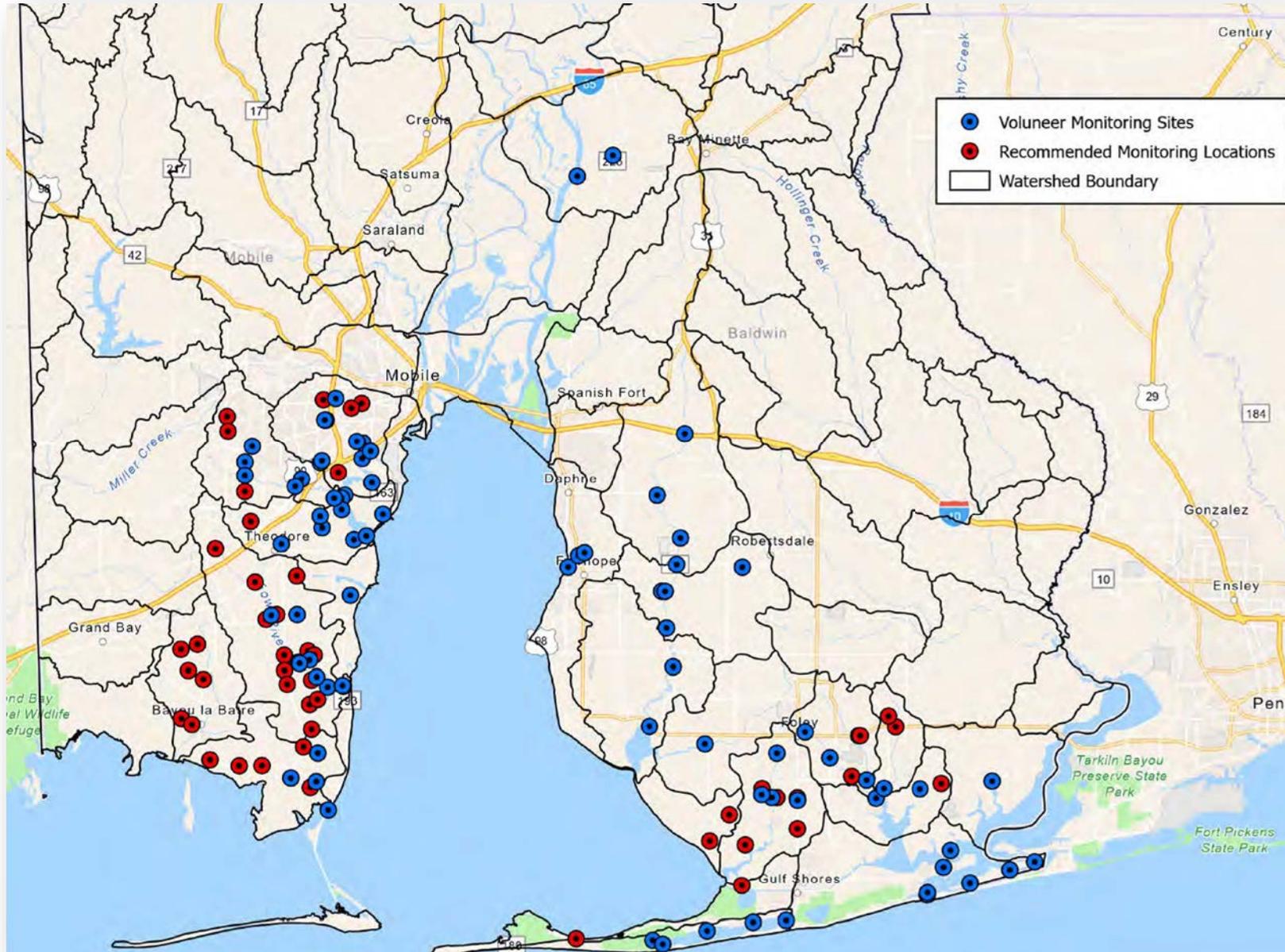
Currently Being Monitored:

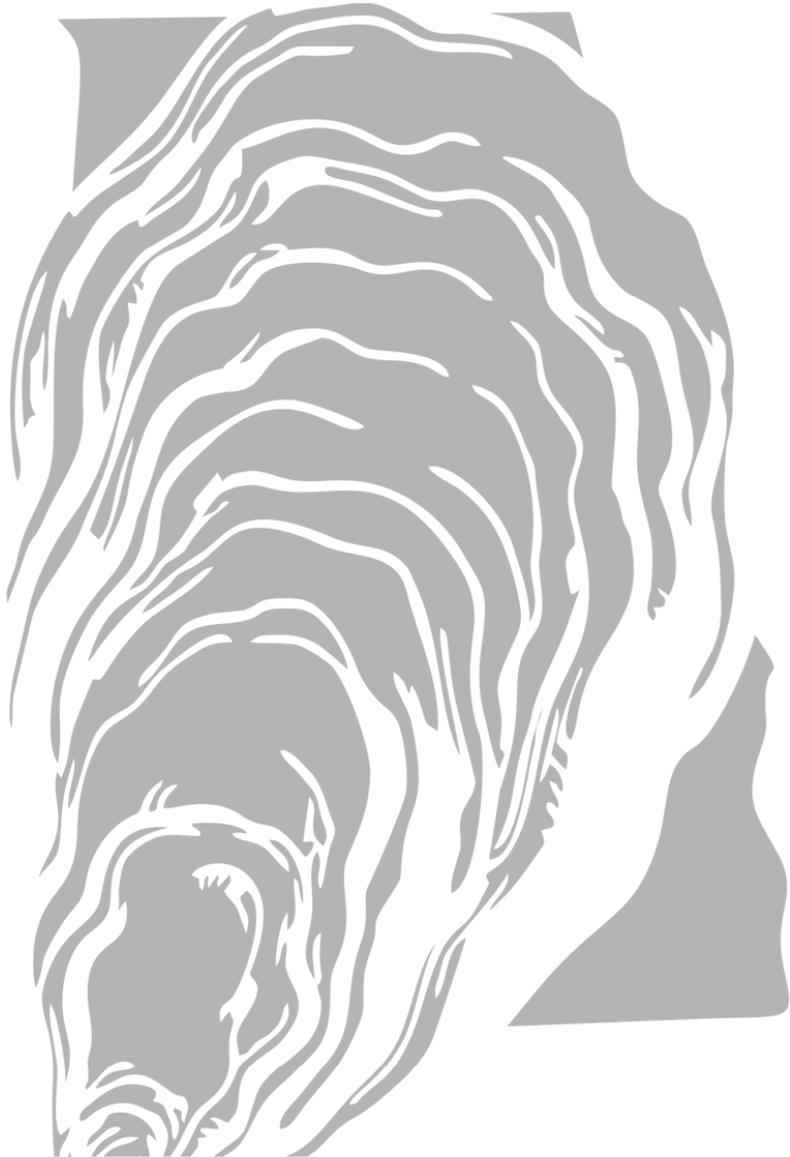
Mobile County Sites: 38

Baldwin County Sites: 38

Total Number of Sites: 76

*Suggested sites for watersheds with plans currently under development are not indicated on the map





BRC Meeting: August 11, 2021

Ongoing Projects

- Coastal Alabama Fisheries Fund
 - Grant received from Alabama Power
 - RFP process complete, negotiating details with 22nd State Bank
- Alabama Oysters Marketing Update
 - Website launched oystersalabama.com

13 virtually attended



EAT ALABAMA OYSTERS

Eat Alabama Oysters is dedicated to the marketing of aquaculture raised Alabama oysters and the development of the industry. The project is managed by the Mobile Bay National Estuary Program.



Oyster Website

FARMS

Meet the men and women guiding the oyster aquaculture industry in Alabama. The first oyster farm opened in 2009. Today, there are over two dozen farms operating in and around Mobile Bay. Explore their operations below.



ADMIRAL SHELLFISH COMPANY

Bon Secour Bay



CAPT. ZEKE'S BAY OYSTERS

Portersville Bay



BAMA BAY

Mon Louis Island



DAUPHIN ISLAND OYSTER CO.

Mobile Bay



BAYOU LA BATRE OYSTER CO.

Portersville Bay



DEPE'S OYSTERS

Mon Louis Island



MURDER POINT OYSTERS

Murder Points are exclusively grown in the waters of the Gulf of Mexico using a long line method developed in Australia. Our oysters are spawned from the species *Crassostrea virginica*, also known as the Eastern/American oyster. Murder Point Oysters thrive in the unique conditions off Alabama's coastline, which produces a full, rich, creamy taste with a light metallic finish and a drop of butter flavor in each one. There are many elements that can affect an oyster's outcome, but here at Murder Point we know the most important element is Love.

Murder Point Oyster Co is a family owned business committed to bringing you the best oysters Love can craft. For the last five generations we have made a living working the natural resources of the Gulf of Mexico. From catching shrimp or fish to raising Love crafted oysters our experience on the water allows us to be the best at what we do. Now we get to share that passion with you.

- Oysters can be ordered through:
- 12640 North Wintzell Ave. Bayou La Batre, AL 36509 (251.379.4092)
 - 23101 Canal Rd. R-122 Orange Beach, AL 36561 (251.923.4402)

In-Store Pickup or Ship To You is available at www.MurderPointOysters.com

COMMUNITY RESOURCES COMMITTEE



FINANCE COMMITTEE



FC Meeting:
June 10, 2021

- Municipality Match Requests

Revenue Source	Year 1 FY 2019 Actual	Year 2 FY 2020 Actual	Year 3 FY 2021 Actual	Year 4 FY 2022 Requested	Year 4 Confirmed to Date
State Appropriation	76,088	76,088	76,088	100,000	100,000
ADCNR	98,000	98,000	90,000	98,000	90,000
Baldwin County	50,000	75,000	75,000	75,000	75,000
Mobile County	17,888	17,888	25,000	50,000	50,000
City of Mobile	50,100	50,100	50,100	50,100	50,100
City of Daphne	50,000	50,000	50,000	50,000	50,000
City of Spanish Fort	5,000	20,000	5,000	5,000	5,000
City of Fairhope	5,000	15,000	15,000	15,000	15,000
City of Foley	20,000	20,000	20,000	35,000	27,000
City of Gulf Shores	0	2,500	2,500	5,000	2,500
City of Satsuma	NA	NA	NA	5,000	
City of Saraland	NA	NA	NA	5,000	
City of Chickasaw	NA	NA	NA	5,000	
Town of Dauphin Island	NA	NA	NA	5,000	5,000
TOTAL	\$ 372,076	\$ 424,576	\$ 408,688	\$ 503,100	\$ 469,600

- OTHER

- ANNOUNCEMENTS

- ADJOURN

HAPPY WEEKEND!

