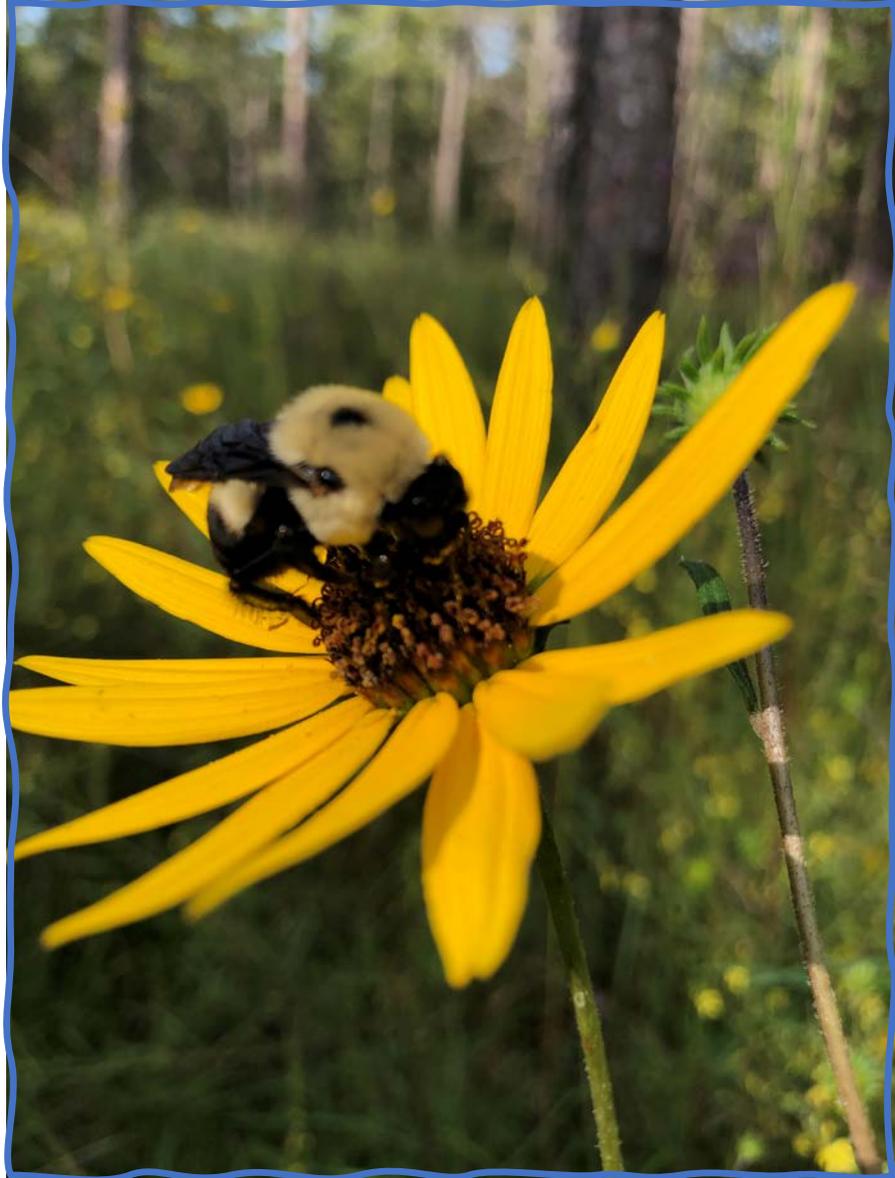


**MOBILE BAY NATIONAL  
ESTUARY PROGRAM  
EXECUTIVE COMMITTEE  
MEETING**



**March 13, 2020  
Original Oyster House**

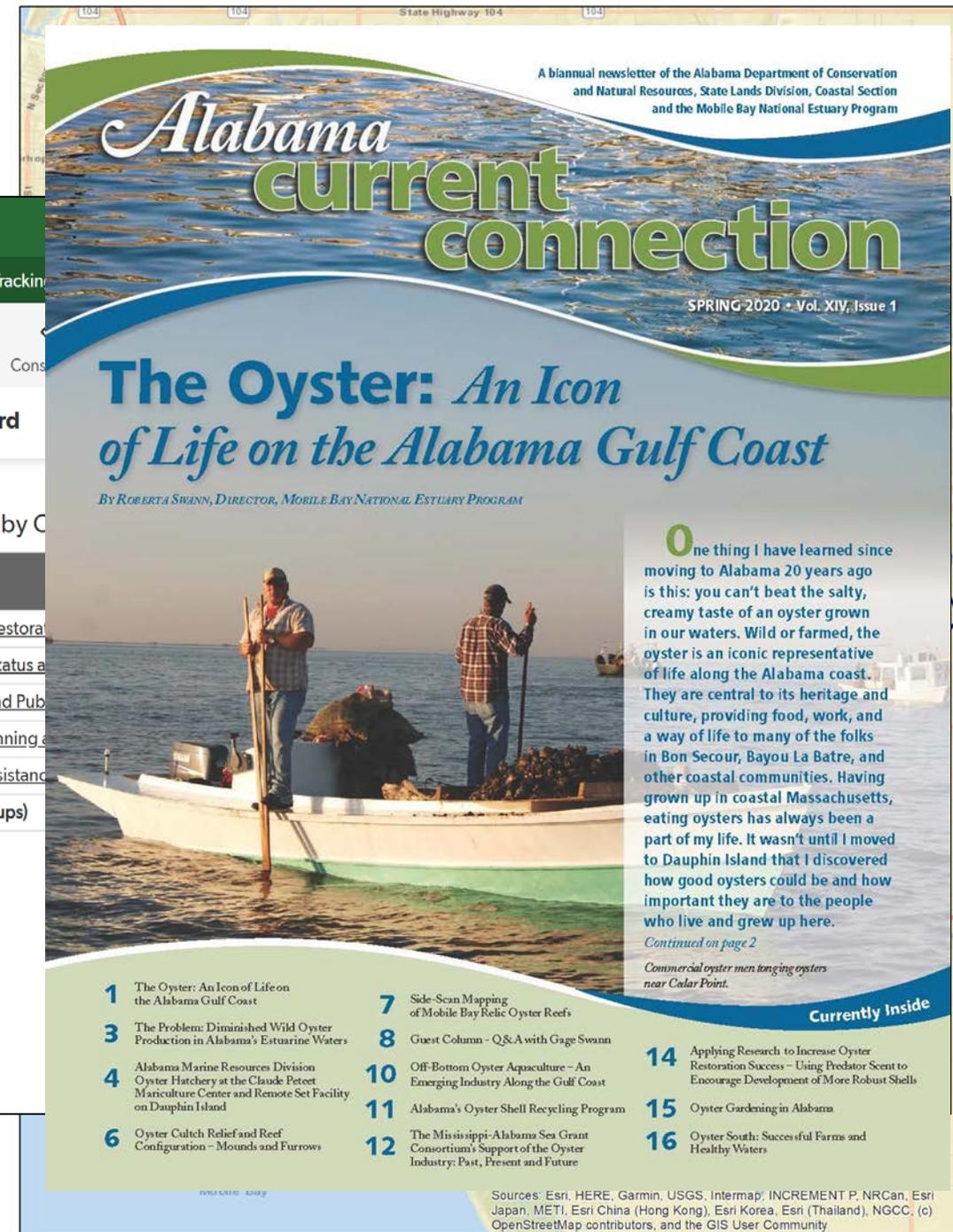
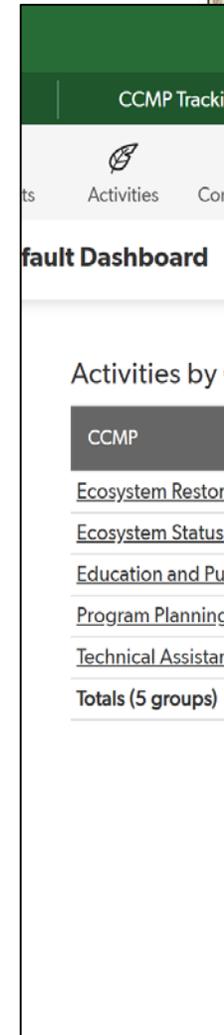
# AGENDA



- Introductions/Call to Order
- Approval of Minutes September 20, 2019
- Director's Report
  - Key Accomplishments since last meeting
  - Management Conference Committee Leadership Changes
  - Other
- Committee Reports
  - Science Advisory
  - Project Implementation
  - Government Networks
  - Community Action
  - Business Resources
  - Community Resources
- Old Business
- New Business
- Other/Announcements
- Adjourn

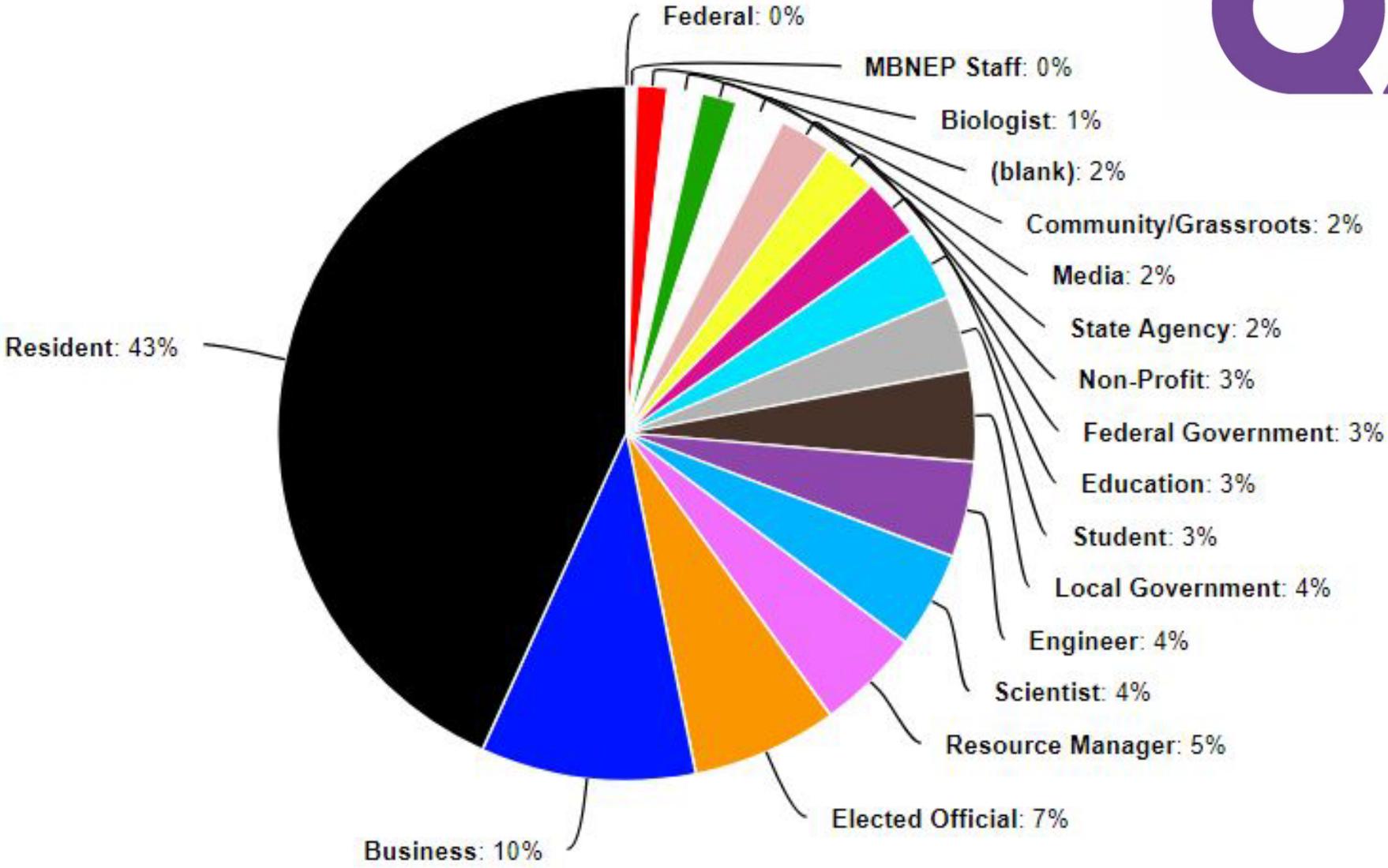
# TOP ACCOMPLISHMENTS

- **EST:** Economic Impact Analysis
  - Joining forces with EPA Gulf Breeze & U.S. Army Corps of Engineers
- **ERP:** Lower Fish River Restoration
- **TAC:** TMC Partnership
  - Established & hired Executive Director
- **EPI:** Newsletter
  - “The Iconic Oyster”
- **MPA:** Project Database





**QUICK  
BASE**



# TAKING BACK OUR GULF COAST

- MBNEP partnership with WKRG
- “Create a Clean Water Future” branded
- A series of 15 – 60 second vignettes airing each day
- Beginning April; a year-long campaign
- WKRG can reach 518,740 households, This content potentially to reach 95.2% of all households ~36 times

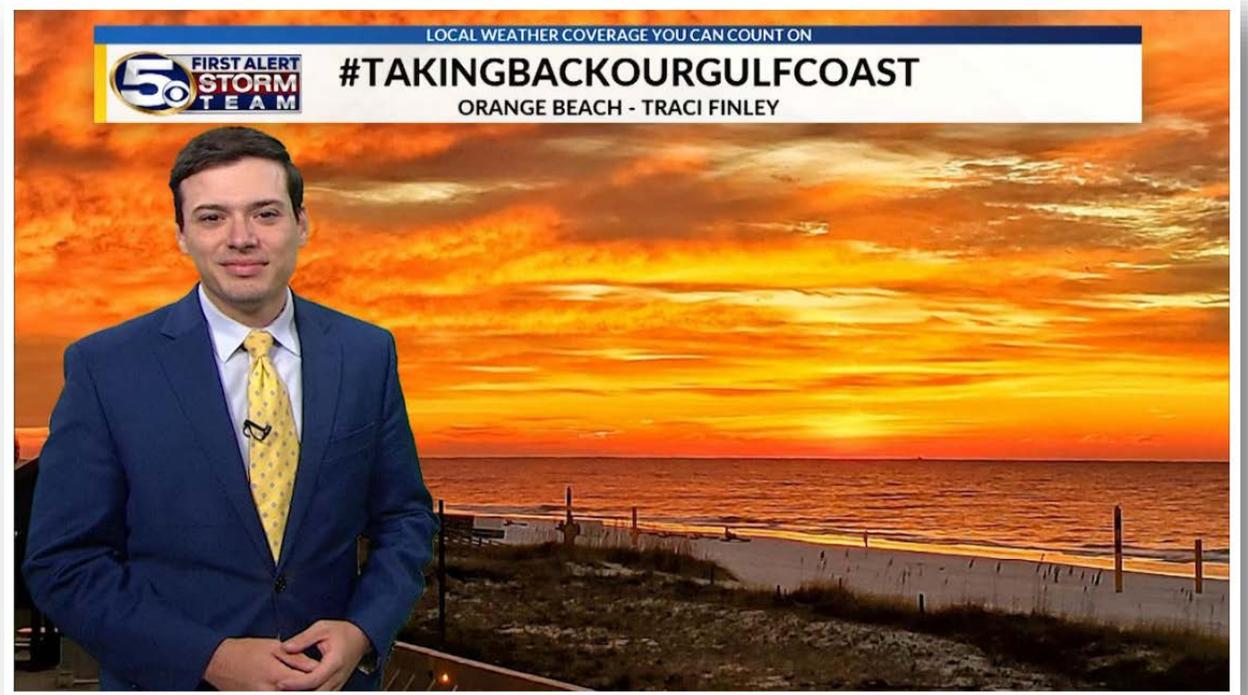


# TAKING BACK OUR GULF COAST



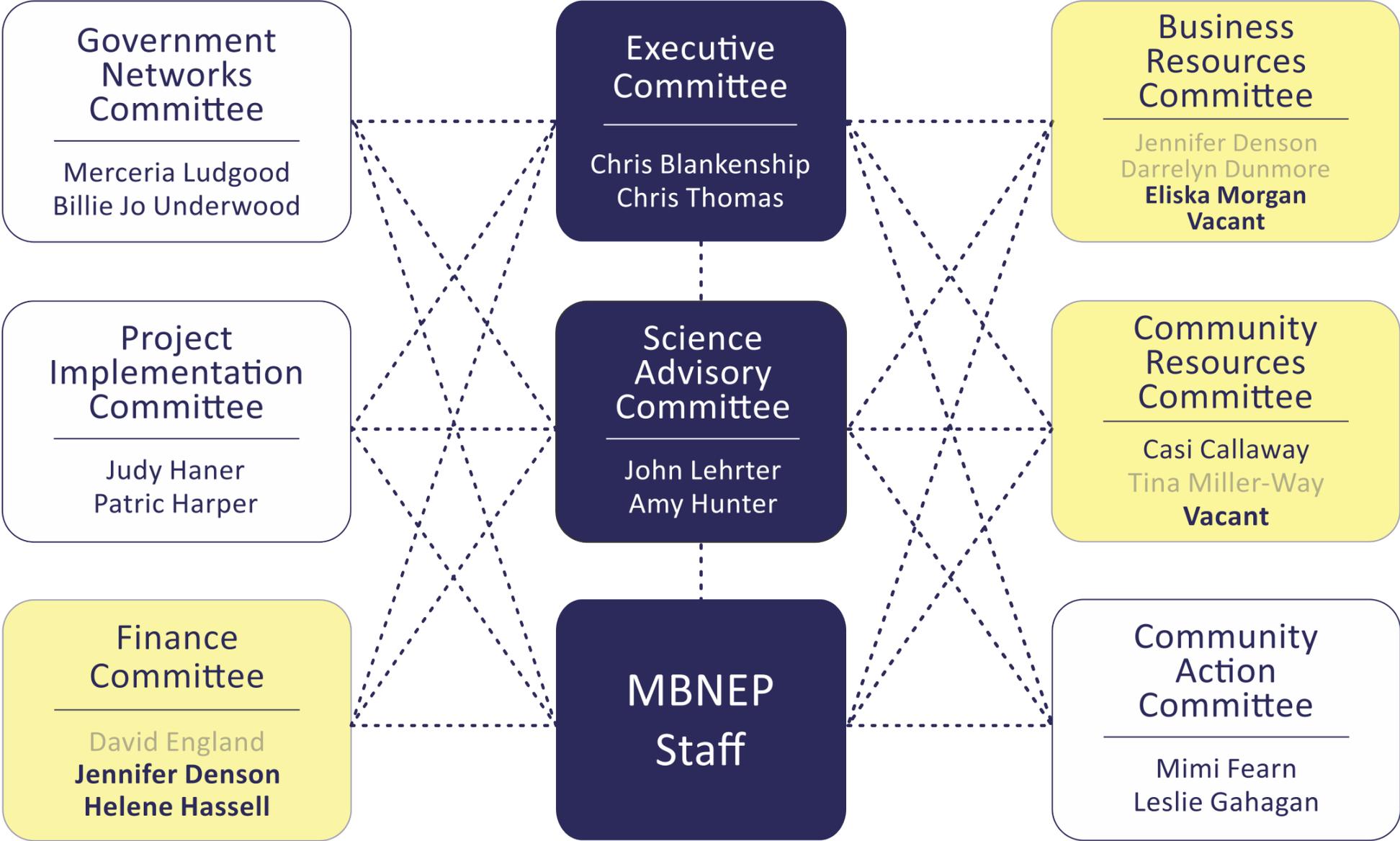
## MBNEP will direct content

- How local governments/ municipalities are combatting litter
- Importance of clean water
- Investments in improved access; Highlight local access points



Vignettes will **identify stressors**, their **sources**, and **define solutions**

# MANAGEMENT CONFERENCE COMMITTEE LEADERSHIP CHANGES



# Barry Coal Ash Pond Closure Review

---

- **Completed**
  - Legal Review
  - Hydrogeologic Review
- **In Progress**
  - Engineering Review
    - Complete by end of March
  - Film
    - Script is nearly complete and being vetted
    - Film will be 15-20 min and feature interviews and animations
    - Release scheduled for April



# BUDGET VS. ACTUAL – AS OF FEBRUARY 29, 2020



Mobile Bay National Estuary Program  
Budget vs. Actual- All Grants FY 19-20

As of: **02.29.2020**

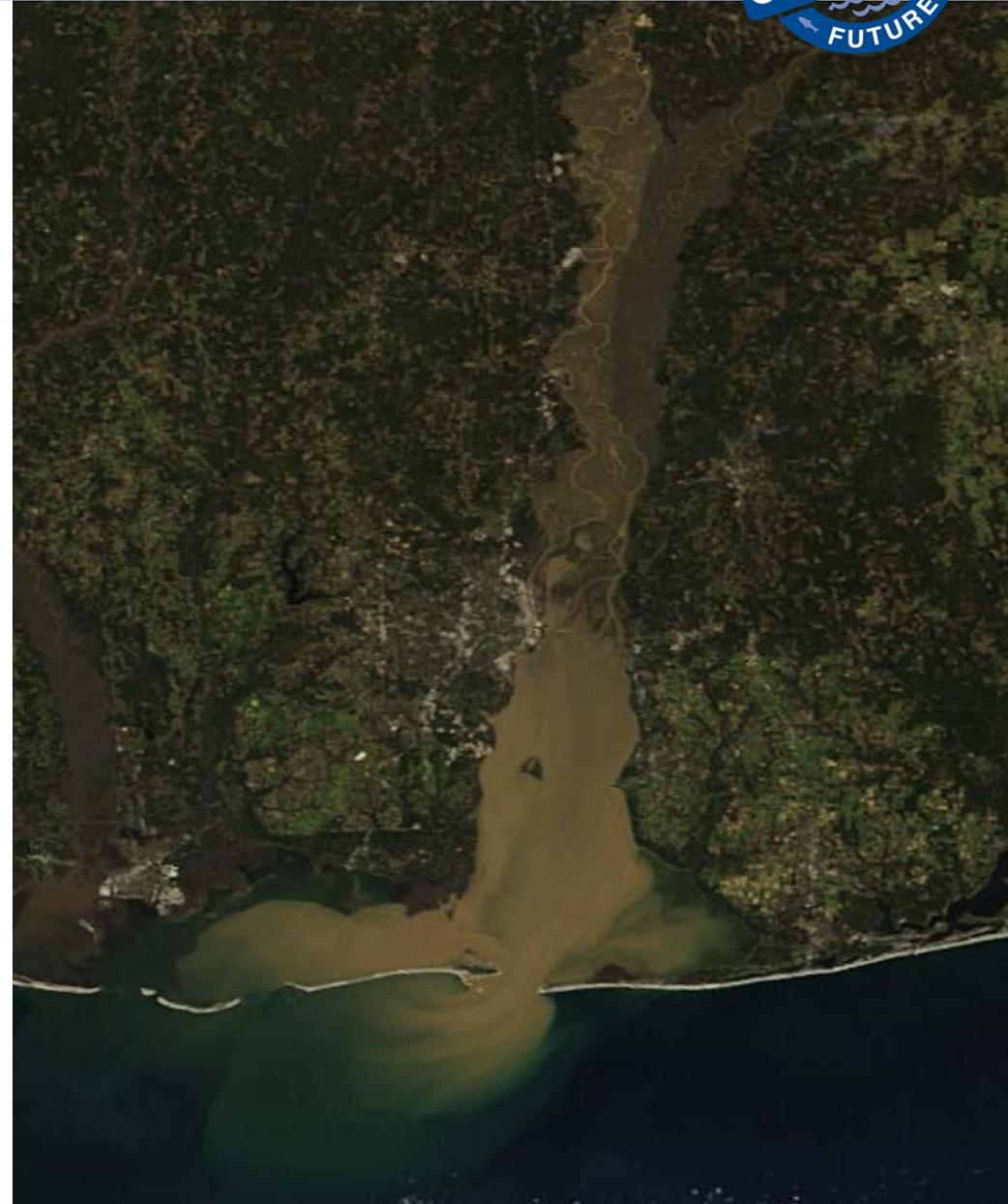
<i>Project/Activities</i>	<b>Beginning Budget</b>	<b>Total Expenses</b>	<b>Cash Balance</b>	<b>Total Enc.</b>	<b>Available Bal.</b>
<b>Ecosystem Status and Trends</b>	238,851.99	-	190,962.99	127,541.00	111,310.99
<b>Ecosystem Restoration and Protection</b>	8,613,532.67	1,507,828.17	7,115,054.50	6,375,551.26	2,237,981.41
<b>Technical Assistance and Capacity Building</b>	21,784.00	5,522.92	16,261.08	5,522.92	16,261.08
<b>Education and Public Involvement</b>	193,992.00	98,555.61	90,436.39	139,011.61	49,980.39
<b>Program Planning and Administration</b>	2,701,678.13	1,296,161.44	1,405,516.69	2,648,396.72	53,281.41
<b>TOTAL</b>	<b>11,788,459.96</b>	<b>2,924,532.26</b>	<b>8,834,493.70</b>	<b>9,312,487.63</b>	<b>2,485,077.33</b>

<i>EPA TOTAL</i>	1,986,264.00
<i>EXTERNAL TOTAL</i>	6,482,866.92
<i>CARRY OVER BALANCES FROM PREVIOUS YEARS</i>	3,319,329.04
	11,788,459.96

# SCIENCE ADVISORY COMMITTEE



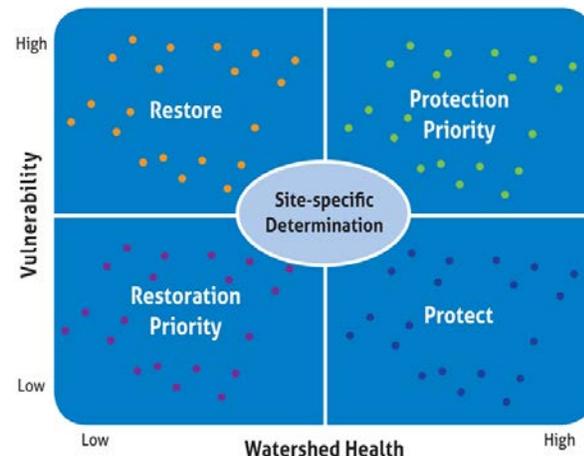
- Met January 24, 2020
- The committee continues to focus on development of a stressor matrix linking pressures to habitats and ecosystem services.
- A subcommittee was formed and met March 11, 2020.
- Goals of this effort include:
  - Build a framework for assessing current or potential stressors and their impact on the habitats and ecosystem services provided by coastal resources.
  - Aggregate the scientific expertise of a variety of disciplines.
  - Establish a mechanism for speaking as one voice through the SAC in advising MBNEP.



# PROJECT IMPLEMENTATION COMMITTEE



- PIC Meeting: February 20, 2020
  - *Habitat Conservation and Restoration Plan for Coastal Alabama*
- Priority Projects Spreadsheet
- Funding Opportunities
- Partner Collaboration
- Planning for PIC in 2020
  - Meeting frequency
  - Project Updates



## 2019 HABITAT CONSERVATION AND RESTORATION PLAN FOR COASTAL ALABAMA

Prepared by the Mobile Bay National Estuary Program and The Nature Conservancy



# WMP UPDATE

- Under Development
  - Wolf Bay
  - Western Shore
  - Little Lagoon/Gulf Frontal



62-02-04-0-001-003.000	130
62-02-04-0-001-003.001	30
62-03-05-0-001-001.000	80
62-03-05-0-001-002.000	168
62-03-05-0-001-002-002	13
62-03-05-0-001-002.005	7.40
62-03-05-0-001-012.002	20





# TWELVE MILE CREEK HEADWATERS RESTORATION



- RESTORE Bucket 2 funded, Planning phase wrapped up in September 2019
- Trained USA students and professor to collect field data for pre- and post-restoration monitoring
- Implementation funds applied for, expect award in May 2020
- Construction November 2020



# INVASIVE SPECIES CONTROL PLAN



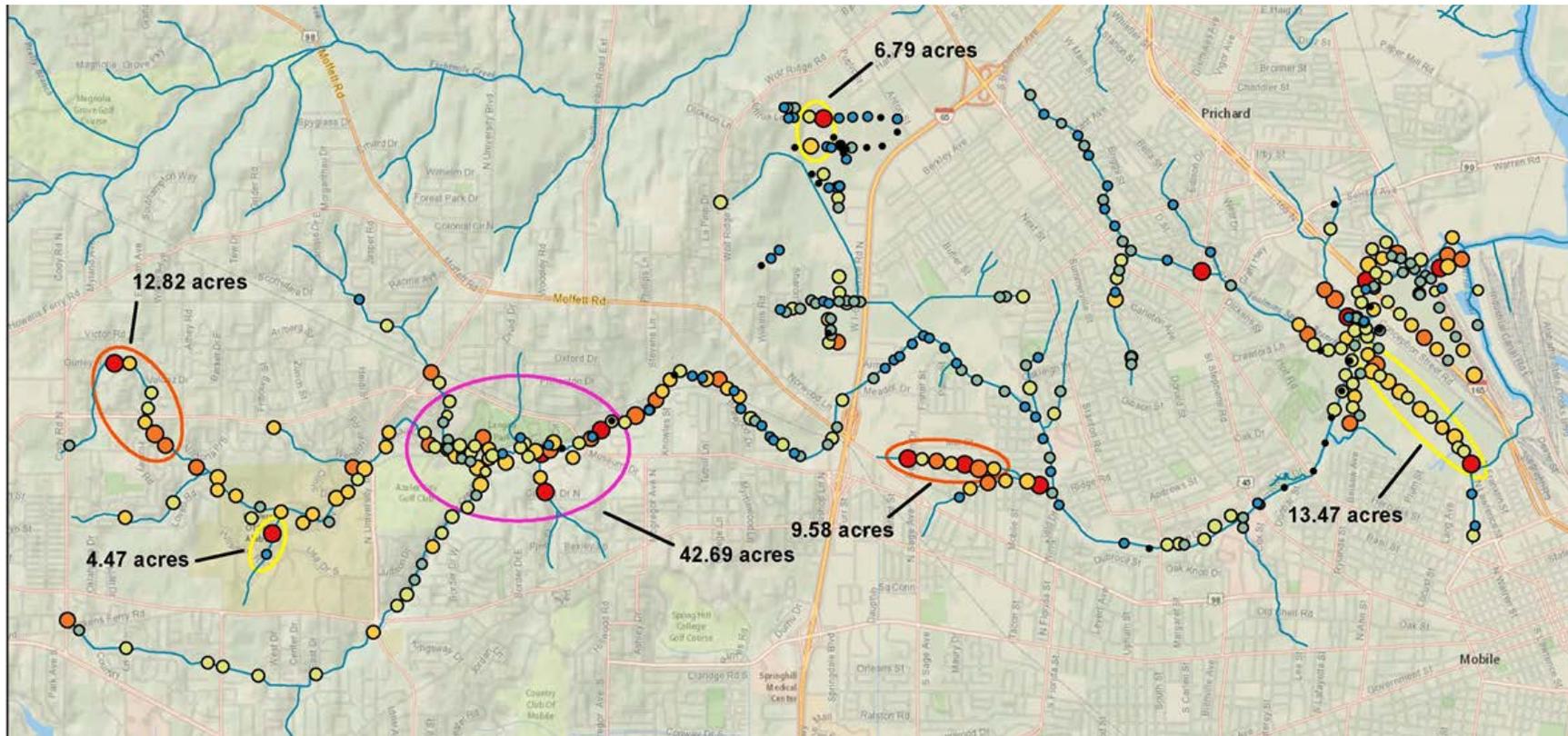
- Working with AM/NS Calvert and GulfCorps
- USA Conservation Biology Student Service Learning monitoring plots on campus



# INVASIVE SPECIES CONTROL PLAN



- Surveyed entire watershed for invasive plants and animals
- Plan completed April 2019
- Five priority areas for plants and one for apple snails and aquatic invasives



# Deer River Marsh

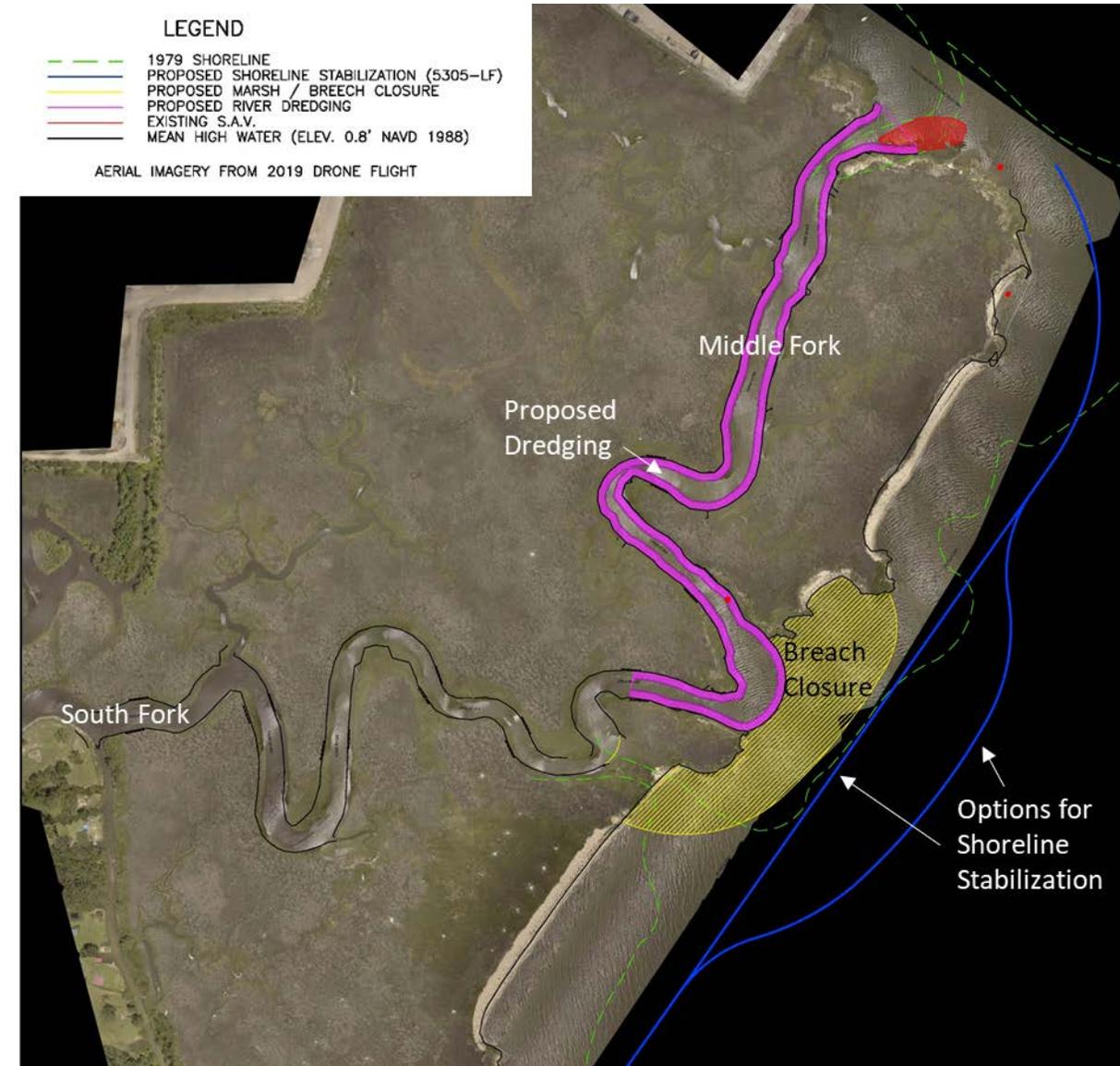
Deer River



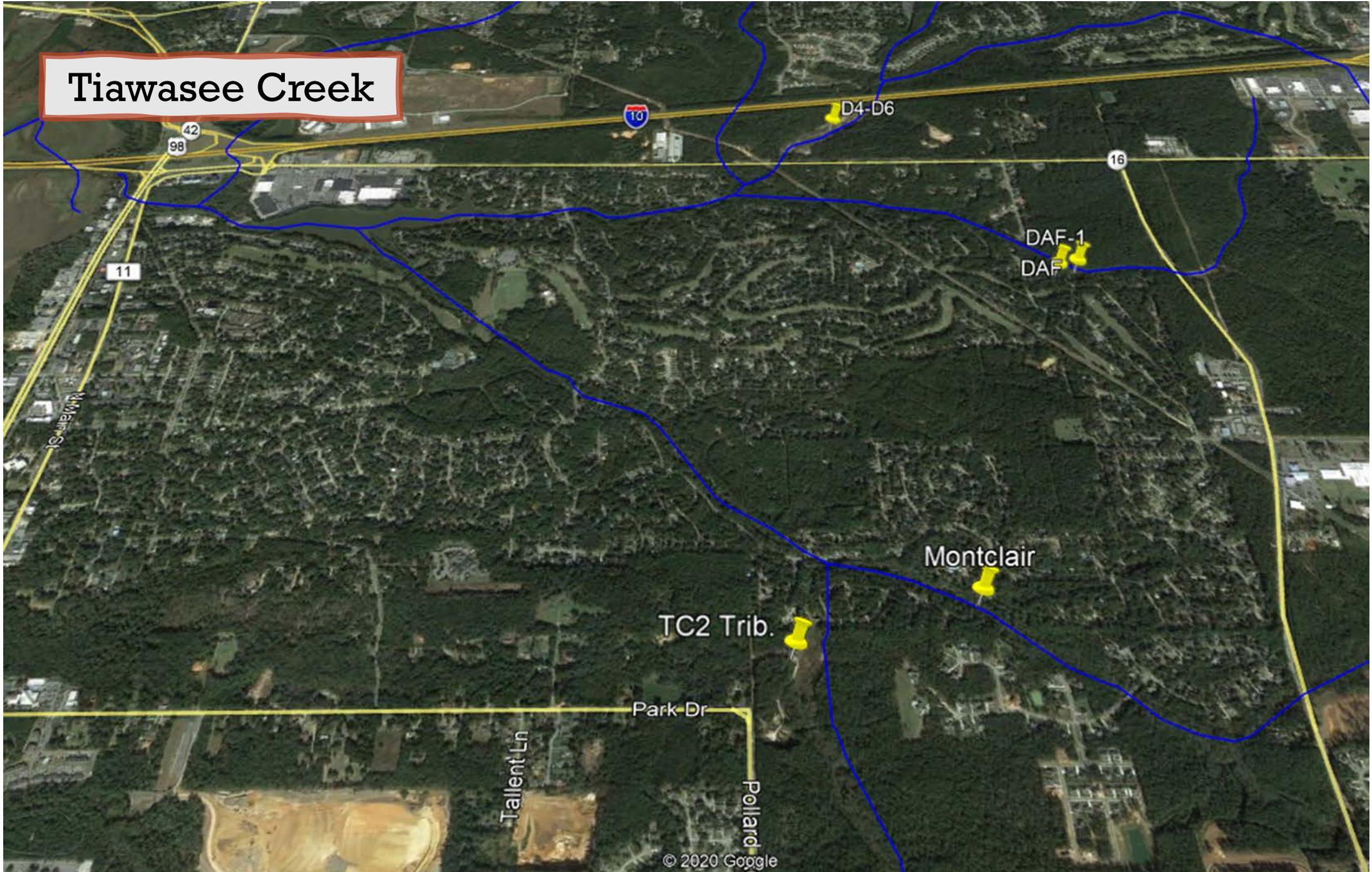
# DEER RIVER COASTAL MARSH STABILIZATION & RESTORATION



- Funded through NFWF Gulf Environmental Benefit Fund
- Property access secured
- All field surveying complete
- Soils chemical analysis complete
- Existing data summary, SAV, and cultural reports forthcoming to MBNEP
- On track for 30% design by end of March 2020



# Tiawasee Creek









# Fowl River Spits

Fowl River Spits

193

20

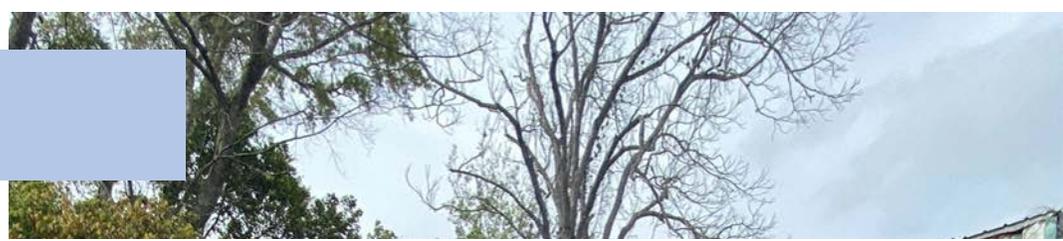
bee Point Dr

10 e

2360 ft

Summary Cost Table	Marsh Enhancement (AC)	SAV Impact (AC)	Cost	Cost/Acre
Shrout	0.62	0.2	\$150,000-\$200,000	\$240,000-\$250,000
Closing Hole	2.9	0.22	\$165,000-\$290,000	\$60,000-\$100,000
Lightcap	1.33	0.25	\$100,000-\$250,000	\$75,000-\$180,000
Tapia	2.65	0.29	\$200,000-\$350,000	\$70,000-\$130,000
Bellingrath	44	1.2	\$2.0 - \$2.8 Million	\$45,000-\$65,000
<b>TOTAL</b>	<b>51.5</b>	<b>2.16</b>	<b>\$2.5 - \$3.8 Million</b>	<b>\$48,000 - \$75,000</b>

# LITTER ABATEMENT



**Table 1**  
**Project Totals – 3/1/18 to 12/31/19**

As of 12/31/2019	Litter Gitter Totals		One Pass Totals		Project Goal
Recycle - Lbs	977.87	lbs	839.38	lbs	<p><b>8,955 lbs</b></p> <p>4800 lbs    <b>186.57%</b></p>
Recycled - CF	868.21	cft	706.00	cft	
Dispose - Lbs	1992.36	lbs	5145.74	lbs	
Dispose - CF	1341.57	cft	2911.00	cft	
Total - Lbs	2970.23	lbs	5985.12	lbs	
Total - CF	2209.78	cft	3617.00	cft	



# DITCH THE DISPOSABLES

## Purpose

- Reduce the waste stream at the source
- Change behavior around use of single-use items in restaurants
- Determine customer preferences on sustainable packaging and elimination of single-use items

## Results

- 279 completed customer surveys

## Future

- Continue collecting data by working with local restaurants owners
- Using data collected to:
  - Inform next steps of Ditch the Disposables
  - Educate business owners about consumer preferences

### Survey Results: Percentage

Did you notice your packaging today was not styrofoam?	Are you aware that litter in streets and parking lots makes its way to waterways?	Do you prefer paper or styrofoam?	Would you be willing to pay more for sustainable packaging? How much?
Yes: 72%	Yes: 92%	Paper 40%	5 cents 24%
No: 28%	No: 8%	Styrofoam 27%	10 cents 25%
		No Preference 33%	25 cents 20%
			35 cents 14%
			I would not be willing to pay more 17%



### How Long Until It's Gone?

Do you know how long it takes for your trash to decompose? Different materials decompose at different rates!



# RAIN BARREL PROGRAM

## Partners

- Alabama Power Service Organization
- Greif Packaging/Soterra
- Ephriam Environmental
- Prichard Housing Authority

## Accomplishments

- Installed 150 rain barrels at 62 different homes in one target area

## Ongoing

- Newly formed partnership with Prichard Housing Authority
- Installing rain barrels in a 53-home residential community
- Four barrels per home



- Updated status of the Barry Coal Ash Pond Closure Review
- Reviewed “Take Back Our Gulf Coast” public outreach campaign
- Reviewed “Embrace the Gulf 2020”
- Update on State’s Revolving Loan Fund
- Roundtable discussion on how the GNC can better serve its members



## February 11, 2020 Meeting Overview

**Theme:** Water Quality and Data Analysis

**Presenters:**

- Cade Kistler, Mobile Baykeeper
- Mimi Fearn, Dog River Clearwater Revival
- Dennis Hatfield, Little Lagoon
- Mike Shelton, Weeks Bay



## **May 12, 2020 Meeting - Theme: Trash, Data, & Volunteers**

### **Presenters:**

- Don Bates, Osprey Initiative
- Tina Miller-Way, DISL

## **August 11, 2020 Meeting - Theme: Invasive Species**

### **Presenters:**

- Katie Dylewski, MBNEP

## **November 10, 2020 Meeting - Theme: Native Plant Species**

### **Presenters:**

- Judy Stout, Master Gardener



Change in Leadership  
leading to change in  
strategy.

**New focus will  
be on  
Oysters!**



# COMMUNITY RESOURCES COMMITTEE



- CRC meetings were held on January 8 and March 11, 2020.
- With a charge to provide a space for larger capacity and regional non-profits to advocate for and educate about priority issues, CRC members agreed to focus on Aquatic and Marine Debris through Action, Education, Policy Change, and Enforcement.
- Committees completed a survey in January to assess organizational involvement in the focus area.
- A work plan is being developed for these outcomes: Trash Reduction, Litter Removal, Recycling, Policy and Legislative Action, and Educational and Awareness Activities. Metrics are largely developed.
- The plan will be further developed as CRC organizations indicate where they want to plug in and roles they want to assume.
- A nomination process and elections will be undertaken to replace Dr. Tina Miller-Way, who completed her service as CRC Co-Chair.



save the date

**BAYS** *♀*  
**BAYOUS**



**SYMPOSIUM 2020**

Bays and Bayous Symposium



Tuesday-Thursday  
Dec. 1-3, 2020



**New location!**

Golden Nugget Biloxi  
Hotel & Casino (Mississippi)



Event website: [baysandbayous.org](http://baysandbayous.org)



Find us on social media: @baysandbayous

*This coastal science symposium showcases northern Gulf of Mexico research, education and outreach.*

**New Business  
Other/Announcements  
Adjourn.**

**HAPPY  
WEEKEND!**

