

MOBILE BAY NATIONAL ESTUARY PROGRAM EXECUTIVE COMMITTEE MEETING

**AUGUST 26, 2022
SPANISH FORT CITY HALL**



**Good Morning!
Please sign-in before you leave.**

AGENDA

- Introductions/Call to Order
- Approval of Minutes
- Committee Reports
 - Science Advisory
 - Project Implementation
 - Government Networks
 - Community Action
 - Business Resources
 - Finance
- VOTE: 2022 BIL Workplan
- Director's Report
- Old Business
- New Business
- Other/Announcements
- Adjourn



SCIENCE ADVISORY COMMITTEE



SAC Meeting: August 19, 2022 (Virtual)

- Robust discussion on potential impacts from restoration on oyster farming operations
- Discussion about development of monitoring framework for restoration projects moving forward
- Next steps: Set goals for SAC over the next 12 months, survey of the SAC about direction



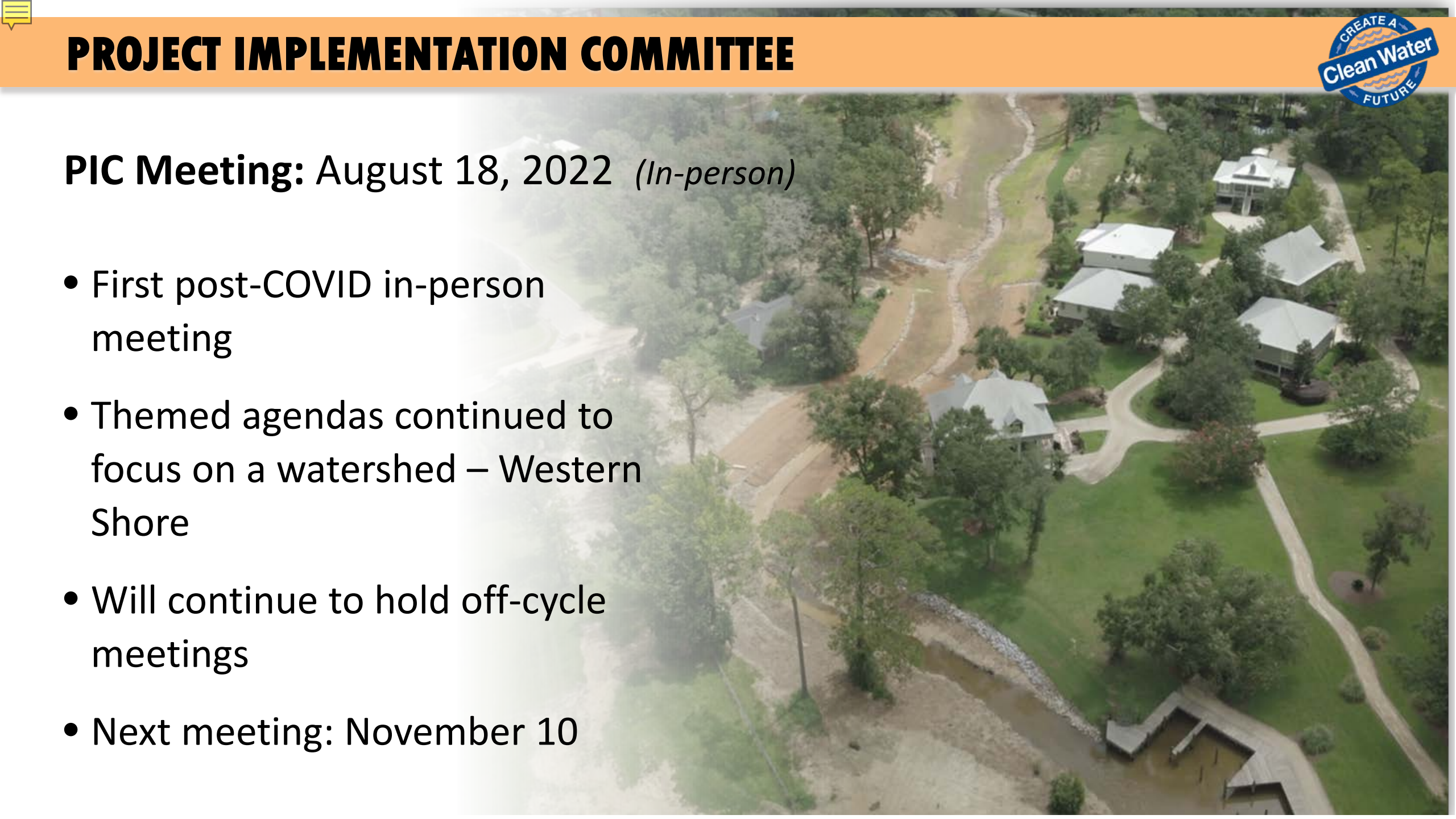
Program/Type	Timing information						Spatial information							Data access information				Contact information					Funding			Data information				Descriptive information									
AL monitoring	Start_Year	End_Year	Project_Timelineframe	Duration	Frequency	Longterm	Geographic_Coverage						GIS_Data_Acquired	Spatial_Data		Publicly_Accessible	Data_Location	Database	Program_Website	Contact	Managing_Entity	email	Phone			Funding	Funding_Future		Parameters	Data_Format	Method		Summary	ID	Gap_Analysis	Discontinuity	Name		
Atmosphere (NEP)	Collection Start Date	Collection Stop Date			Collection frequency		General Location						Data Georeferenced?	Data in GPS or Map form?		Data Accessible?	Where are data stored?		Where are data accessed?	Point of Contact		PCO Email	POC Phone No.	Who Collects Data	How is collection funded?	Is funding continuous?			Parameter	Data format	Data collected under a defined QA/QC?	QA/QC Protocol Accessible?	No. of sites						
Habitat (NEP)	Collection Start Date	Collection Stop Date			Collection frequency		General Location						Data Georeferenced?	Data in GPS or Map form?		Data Accessible?	Where are data stored?		Where are data accessed?	Point of Contact		PCO Email	POC Phone No.	Who Collects Data	How is collection funded?	Is funding continuous?			Parameter	Data format	Data collected under a defined QA/QC?	QA/QC Protocol Accessible?	No. of sites						
Living resources (NEP)	Collection Start Date	Collection Stop Date			Collection frequency		General Location						Data Georeferenced?	Data in GPS or Map form?		Data Accessible?	Where are data stored?		Where are data accessed?	Point of Contact		PCO Email	POC Phone No.	Who Collects Data	How is collection funded?	Is funding continuous?			Parameter	Data format	Data collected under a defined QA/QC?	QA/QC Protocol Accessible?	No. of sites						
H2O quality (NEP)	Collection Start Date	Collection Stop Date			Collection frequency		General Location						Data Georeferenced?	Data in GPS or Map form?		Data Accessible?	Where are data stored?		Where are data accessed?	Point of Contact		PCO Email	POC Phone No.	Who Collects Data	How is collection funded?	Is funding continuous?			Parameter	Data format	Data collected under a defined QA/QC?	QA/QC Protocol Accessible?	No. of sites						Reason for collection
DWH projects	Monitoring Start Date	Monitoring End Date					County	Watershed	Watershed2	Watershed3	Watershed4	Watershed5	Shapefile Info	Lat	Long	Monitoring Data Available at Link			Website or project fact sheet	Data Manager Contract						Fund_Source1	Cost	Parameter 1		Link to Metadata	Monitoring Plan Link/Info	Status	Status Subfield	Project_Descript	Project_Type	Project_Type Subfield	Resource_Cat	Rest_Goal	Rest_Phase

PROJECT IMPLEMENTATION COMMITTEE

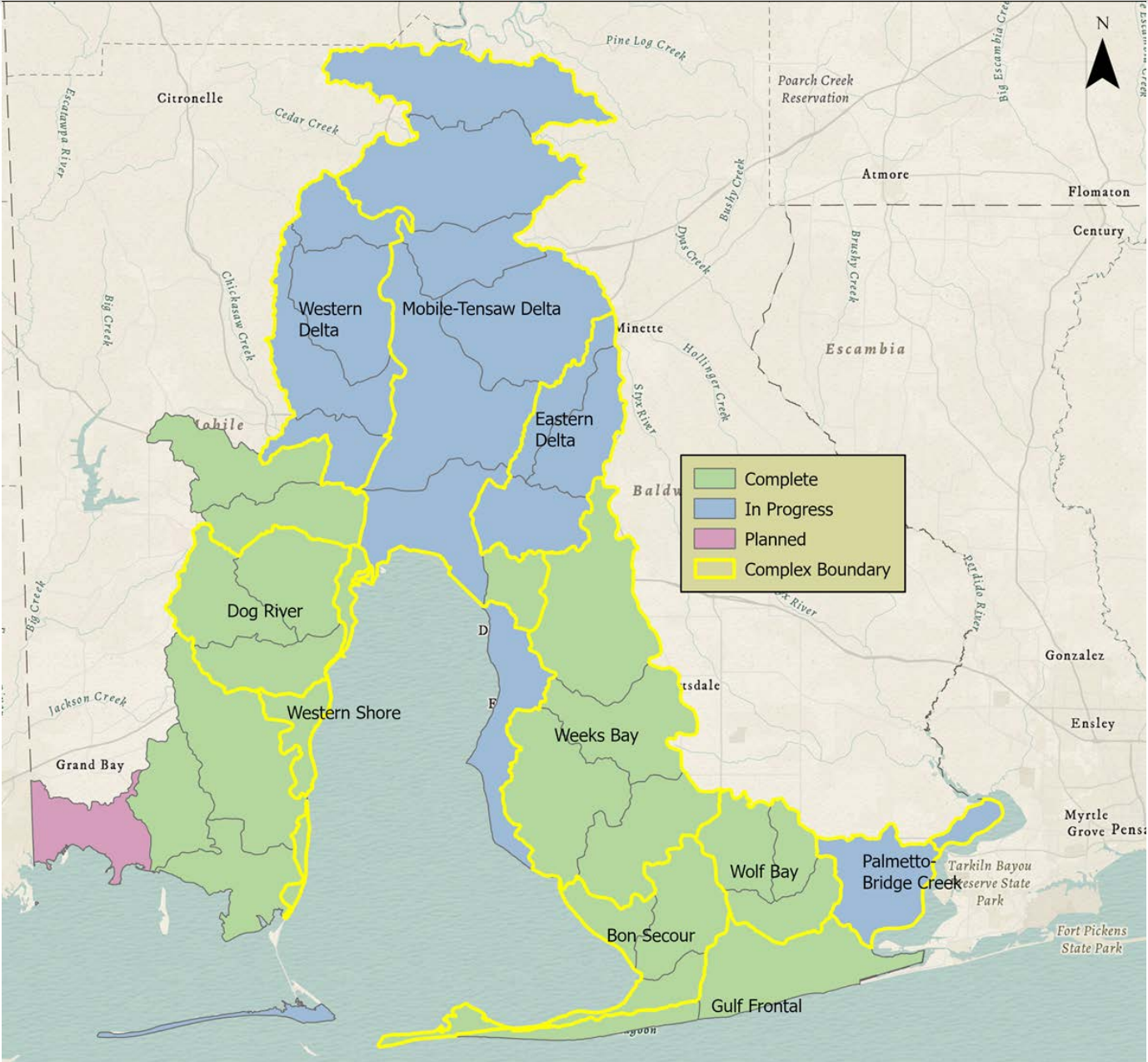


PIC Meeting: August 18, 2022 *(In-person)*

- First post-COVID in-person meeting
- Themed agendas continued to focus on a watershed – Western Shore
- Will continue to hold off-cycle meetings
- Next meeting: November 10



WATERSHED PLANNING UPDATE



Watershed	Status
Western Shore	Complete
Gulf Frontal	Complete
D'Olive Update	Complete
MTA Delta	In progress – Final End '22
Eastern Shore	In progress – Final End '22
Dauphin Island	In progress – Final End '22
Western Perdido	In Progress
Western Delta	In Progress
Eastern Delta	In Progress
Grand Bay	On Deck

RESTORATION PROJECTS UPDATE



D'Olive

- Canterbury construction complete
- Pine Run LOA continues

Lower Fish River

- Marlow project is complete
- Magnolia River Watershed E & D and landowner access continues

Fowl River

- 60% design and permitting ongoing.

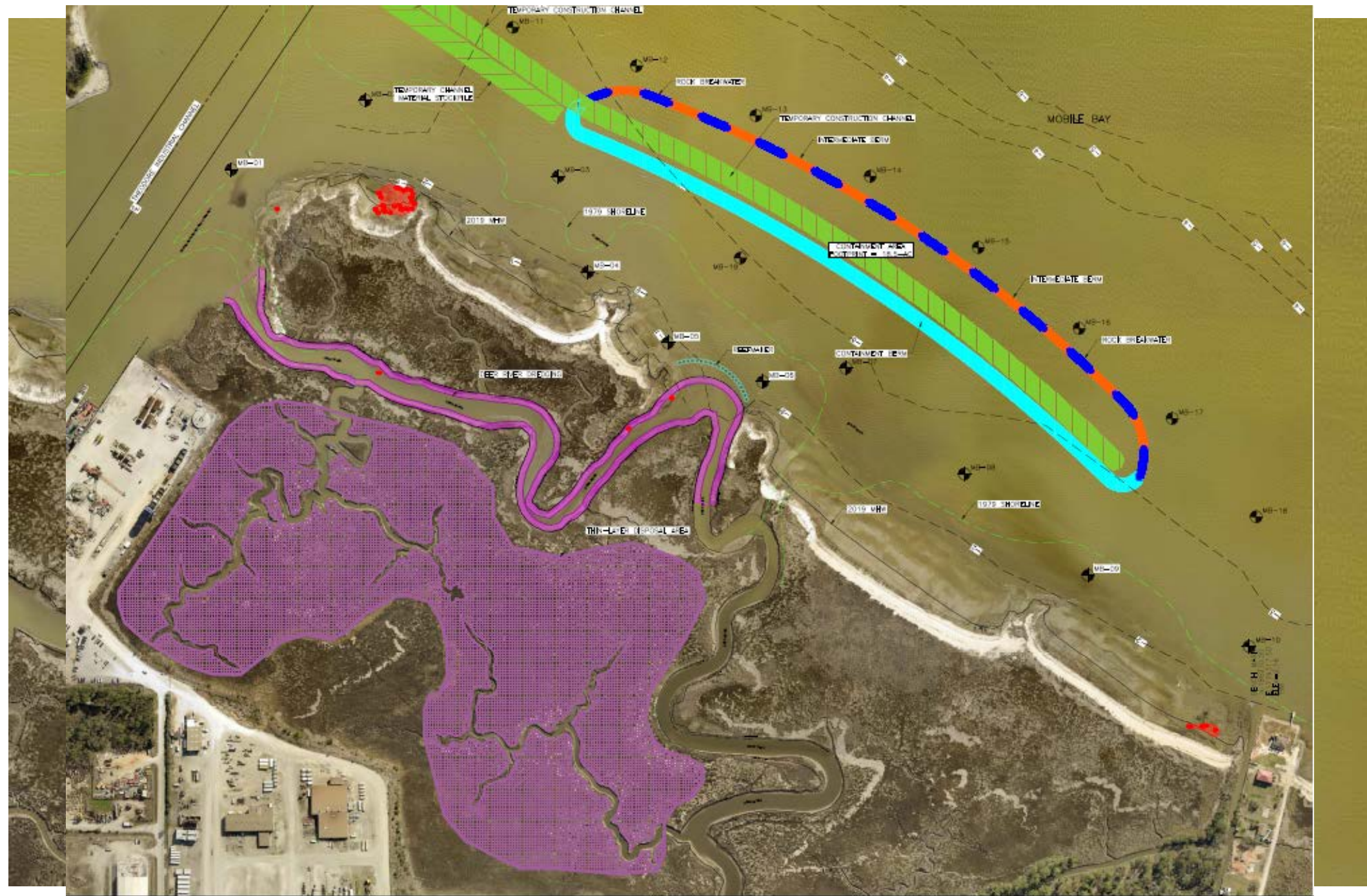
Three Mile Creek

- 12-Mile Warranty
- Apple snail treatment continues
- COM portion to begin soon

Deer River

- New permit out for comment





Marlow Restoration Video

GNC Meeting: August 26, 2022 *(In-person)*

- Coastal communities in Baldwin and Mobile counties are facing challenges associated with growth and development.
- Building upon the update of the South Alabama Regulatory Review
 - Facilitated discussion on how local municipal officials address these issues
 - Lessons learned
- How can the NEP & GNC better serve our coastal communities to address these challenges?

COMMUNITY ACTION COMMITTEE



- Haven't met since February
- Increased interest in citizen water quality monitoring



BRC Meeting: August 10, 2022 (*Hybrid*)

- Discussed priorities of BRC and long-term direction of the committee
- Planning half-day workshop in October, to focus on the strategic development of the BRC, including:
 - 5 Year Plan
 - CCMP Review
 - “Mission Statement”
 - Growth, Outreach, Projects, Fundraising, etc.



Mobile Bay National Estuary Program
Management Conference
Infrastructure Transformations



Year One and Two Work Plan
2022 - 2023

Prepared by
Mobile Bay National Estuary Program
www.mobilebaynep.com

BIL Infrastructure 5-Year Framework/Two Year Action Plan

What are EPA Priorities ?

- Tackle the Climate Crisis
- Take Decisive Action to Advance Environmental Justice and Civil Rights

How will MBNEP BIL Dollars be used ?

- **Environmental monitoring**
to track climate related changes in pollutant loading and contamination.
- **Shoreline stabilization and resilience**
to strengthen our first line of defense against climate related impacts.
- **Green infrastructure in underserved areas**
to counter chronic flooding/other stormwater management challenges facing disadvantaged communities.

FIVE YEAR BIL FRAMEWORK

		Year 1	Year 2	Year 3	Year 4	Year 5	Total	
CCMP	BIL Five-Year Strategy	Budget Amount						%
EST-1	Coastal Environmental Monitoring Program	125,241	50,000	100,000	100,000	100,000	475,241	10%
	Bay Monitoring-ARCOS	75,241					75,241	
	Watershed Monitoring	50,000	50,000	100,000	100,000	100,000	400,000	
ERP-3	Shoreline Resilience Program	272,241	297,482	348,659	348,659	350,118	1,617,159	31%
	Shoreline Resilience Plan	225,000					225,000	
	Shoreline Resilience Fund		250,241	300,000	300,000	300,000	1,150,241	
	Project Delivery	47,241	47,241	48,659	48,659	50,118	241,918	
TAC-4	Community Resilience Green Infrastructure Initiative	393,648	443,648	342,471	342,471	341,012	1,863,247	46%
	Eight Mile Creek Watershed Management Plan	150,000	100,000	100,000	100,000	50,000	500,000	
	Justice40 Green Infrastructure Program	200,000	300,000	197,514	197,514	244,706	1,139,734	
	Project Delivery	43,648	43,648	44,957	44,957	46,306	223,513	
Subtotal Project Related Costs		791,130	791,129	791,130	791,130	791,130	3,955,647	
	Indirect Charges	118,670	118,671	118,670	118,670	118,670	593,353	
Total Infrastructure Budget		909,800	909,800	909,800	909,800	909,800	4,549,000	
	S/(D)	(0)	0	0	0	0	0	

Middle Bay Light House Monitoring Infrastructure- ARCOS

- One of the oldest (2005) real-time monitoring stations
- Taken down in Hurricane Sally
- Necessary to track changes in water quality as seas rise and climate changes
- Beacon for changes in
 - Water temperature
 - Salinity
 - Dissolved oxygen
 - Turbidity
 - pH
 - Total chlorophyll

Watershed Environmental Monitoring

- Need for focused environmental monitoring to respond to
 - Watershed plan concerns/priorities
 - Citizen concerns
 - Climate related changes in pollutant loads
- Expand ADEM reach
- Opportunity to pilot new ways of collecting data/engaging citizens
- Integration into EPA's *How's my Waterway* online visualization tool

Shoreline Resilience Plan for Western Shore

- Identified as need in Watershed Management Plan
 - Coastal erosion
 - Flooding/sea level rise
 - Habitat loss
- Need for additional science related to freshwater discharges from Mobile River, wave climate analyses, salinity changes, nature-based technologies
- Ongoing engagement with Western Shore Property owners with broad willingness to participate
- Grant application to NFWF- NCRF Pending. If awarded, funds will be reprogrammed to Shoreline Cost Share Program

Shoreline Resilience Cost Share Program Pilot

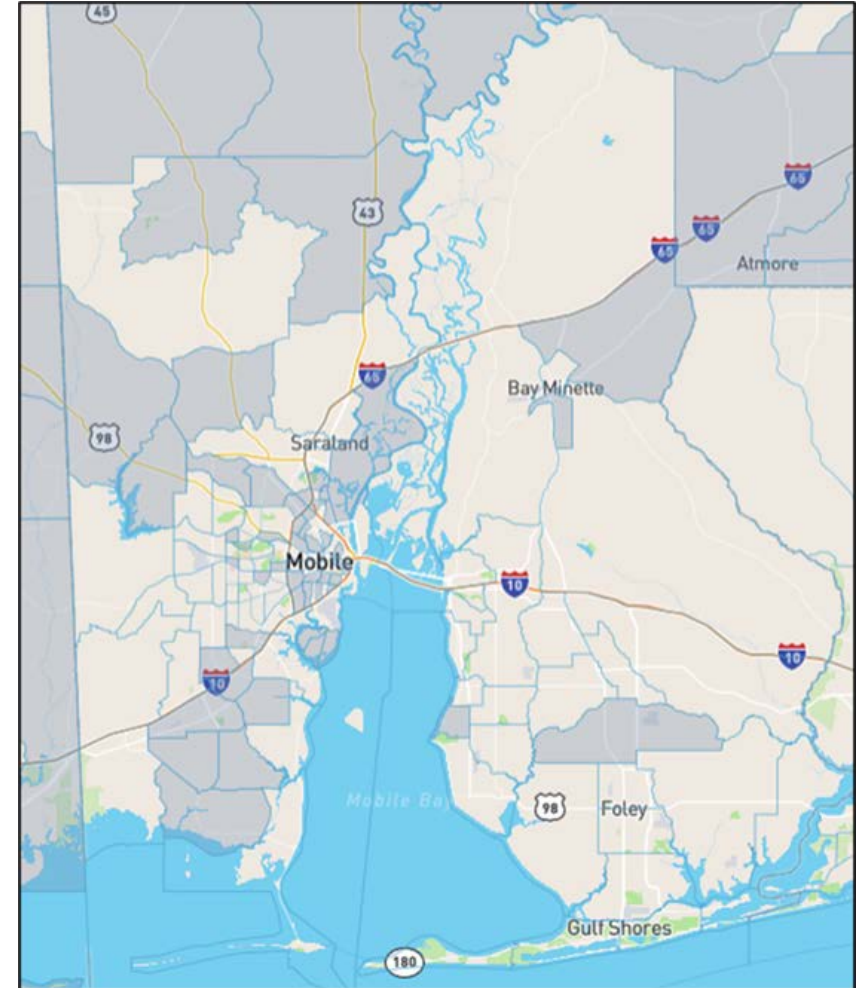
- Funding to support private extents of shoreline stabilization
- Program will be developed with participation from stakeholders and other resource managers
- Opportunity to manage system based on natural resource need vs. individual need
(Focus on identified priority shoreline extents vs. singular private property)
- Grant application for plan to NFWF- NCRF Pending. If awarded, funds will be reprogrammed to this program.

Shoreline Resilience Project Delivery at 50% FTE/2 years \$ 94,482

Years 1 & 2 TAC-4 Justice40 Green Infrastructure Initiative \$ 250,000

Eight Mile Creek Watershed Restoration \$ 150,000/\$100,000

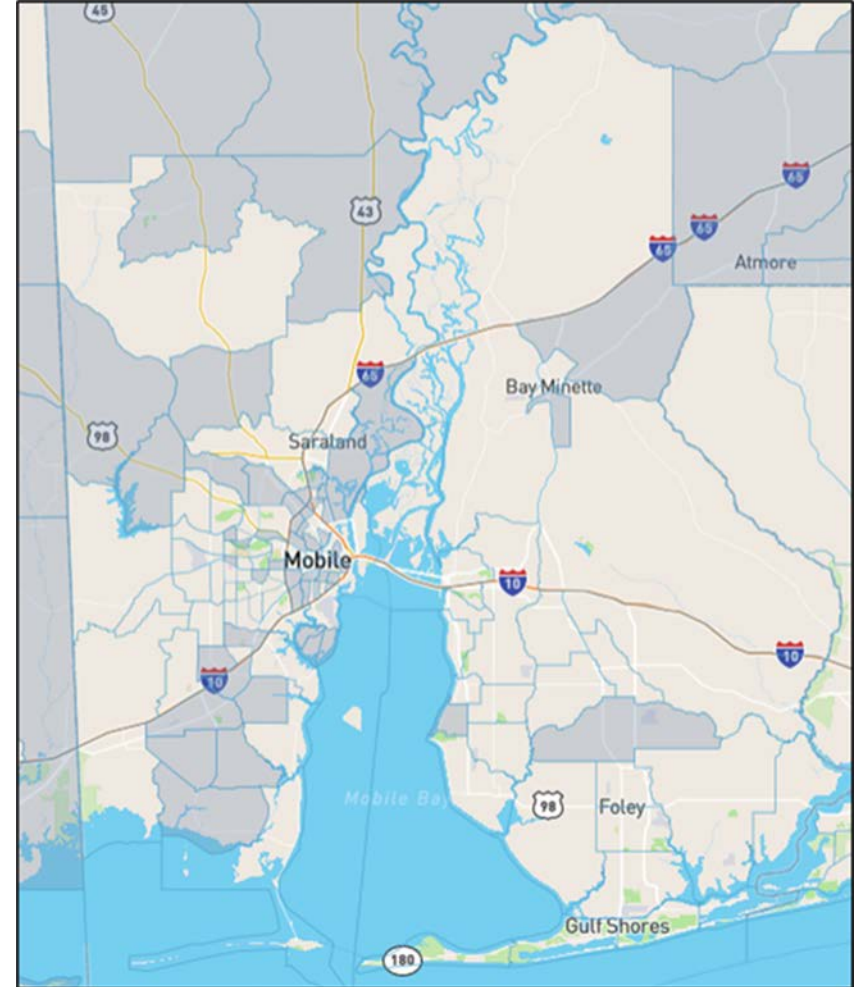
- Falls within Justice40 Map
- Update of Watershed Plan published in 2011
- Focus on reduction of Pathogen pollution with goal to delist from State Impaired Waters list
- Promotion of green infrastructure technologies in an underserved area
- Opportunity to elevate environmental protection as a community growth initiative



Year 1 & 2 TAC-4 Justice40 Green Infrastructure Initiative \$ 500,000

Justice40 Green Infrastructure Program

- Available to areas **within Justice40 Map**
- MBNEP will recruit **local government, public housing authorities**
- **MBNEP will lead project development** and implementation where necessary
- Opportunity to **elevate environmental protection** as a community growth initiative
- Potential **national model** for incorporating EPA Environmental protection into HUD Public Housing/CDBG community development programs



Justice40 Green Infrastructure Project Delivery at 50% FTE \$ 87,256

DIRECTOR'S REPORT: GRANTS PENDING



- NFWF- Coastal Resilience Fund Western Shoreline Management Plan\$575,000
- NFWF- GEBF- Lower Fish River Watershed Restoration Phase II...\$9,002,959
- NFWF-ATB Comprehensive Watershed Restoration Wolf Bay.....\$4,469,372
- ADCNR ACAMP- Eight Mile Creek Watershed Planning.....\$30,000
- NOAA Transformational Habitat Restoration- Perdido Watershed Restoration – In Development

Total - \$14,077,331



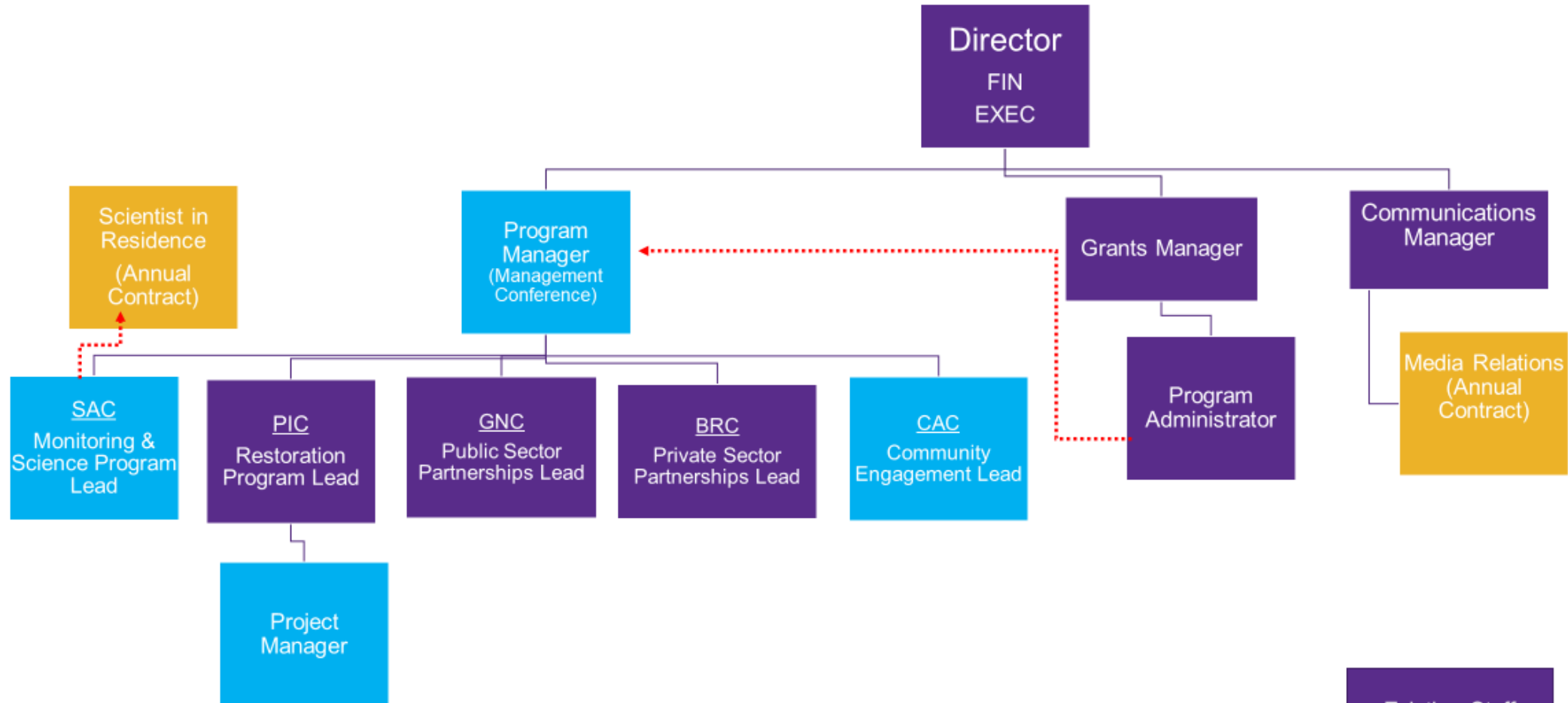
DIRECTOR'S REPORT: CCMP RE-WRITE PATH FORWARD



- 1. CCMP Implementation Assessment***
- 2. SAC Stressor Assessment***
- 3. Watershed Recommendations Compilation***
- 4. Community Surveys/Target Stakeholder Input Meetings***
- 5. Management Conference Strategic Planning Workshops***
- 6. New CCMP Development***
- 7. New CCMP Review***
- 8. By Laws Review/Update***
- 9. New CCMP Public Comment***
- 10. New CCMP Release and Celebration!***



DIRECTOR'S REPORT: MBNEP ORGANIZATIONAL STRUCTURE-DRAFT



DIRECTOR'S REPORT: IT'S THAT TIME AGAIN...



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ALABAMA-MISSISSIPPI BAYS AND BAYOUS SYMPOSIUM

JANUARY 24-25, 2023

ARTHUR R. OUTLAW MOBILE CONVENTION CENTER, MOBILE, AL



OUR THEME:

FINDING BALANCE

ECOLOGY, ECONOMY, AND COMMUNITY





- OTHER
- ANNOUNCEMENTS
- ADJOURN

Upcoming Meetings:

Friday, December 2

Annual Breakfast:

December 15

