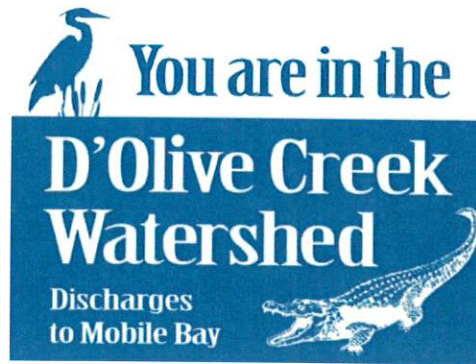




# Appendix A

## Public Education and Outreach



**D'Olive Watershed Intergovernmental Task Force**

**7:00 a.m. Thursday, July 9<sup>th</sup>, 2020**

**Zoom Meeting**

**<https://disl.zoom.us/j/95794371058?pwd=WWQ1bllTakpvWm9vQ1ZSL2gxdTZEUT09>**

**Meeting ID: 957 9437 1058**

**Password: 175207**

Agenda

Meeting Objectives

- Provide updates on project status and coordinate efforts for impending projects
- Discuss status of WMP update
- Strategize for prioritizing remaining funding to identified restoration projects

I. Old Business

a. Project updates

- D'Olive Creek
- Tiawasee Creek

II. New Business

- a. D'Olive Watershed Management Plan Update
- b. Prioritizing Future D'Olive Watershed Restoration Efforts
- c. Delisting of Joe's Branch



**Mobile Bay National Estuary Program  
Government Networks Committee**  
February 5, 2021, 8:00 am – 9:00 am  
Zoom Virtual Meeting



**Agenda**

Meeting Objectives:

- a) Provide status of NFWF GEBF & RESTORE funding
- b) Review CCMP Objectives
- c) Review status of watershed planning in coastal Alabama

**1. Welcome and Introductions**

GNC Co-Chairs:

Commissioner Merceria Ludgood, Mobile County  
Commissioner Billie Jo Underwood, Baldwin County

**2. Review and Approval of Minutes**

**3. Old Business**

- a) NFWF GEBF/RESTORE Update
- b) EPA-NEP Program Evaluation Findings

**4. New Business**

- a) Status of Watershed Planning in Coastal Alabama

**5. Adjourn**

## Minutes

**In attendance:** Billie Jo Underwood, Baldwin County Commission; Merceria Ludgood, Mobile County Commission; William Puckett, Alabama Soil & Water Conservation Committee; Tony Strunk, City of Daphne; Joe Davis, Baldwin County Commission; Scott Bannon, ADCNR-MRD; Margie Wilcox, AL House of Representatives; Shannon McGlynn, ADEM; Jeff Collier, Town of Dauphin Island; Chris Blankenship, ADCNR; Amy Hunter, ADCNR; Chris Thomas, EPA Region 4; Patty McCurdy, ADCNR-State Lands; Diane Burnett, SARPC; Newton Cromer, Saraland City Council; Mike McMillan, City of Spanish Fort; Casey Rains, City of Spanish Fort; Matt Anderson, City of Mobile; Sandy Stimpson, City of Mobile; Ralph Hellmich, City of Foley; Tony Ebright, City of Semmes; Chris Plymale, EPA Region 4

**Staff:** Roberta Swann, Bethany Hudson, Christian Miller

## Takeaways

- The majority of RESTORE funded projects have been awarded and are in some stage of planning and implementation. The current suite of NFWF-funded projects for 2021 is still under development.
- CCMP objectives pertaining to the GNC fall under Technical Assistance and Capacity Building and focus on aiding coastal communities better manage environmental resources.
- The MBNEP passed its recent program evaluation and the CCMP is an official federally approved management plan.
- Coastal watershed planning is continuing and the NEP is focused on completing the remaining watershed plans with a focus on getting WMP development for the Eastern and Western Delta complexes underway as soon as possible.

Meeting began at 8:05 a.m. Commissioner Ludgood welcomed the group, went over the agenda and Commissioner Underwood asked for a motion to accept the minutes from the previous meeting which was made by Joe Davis and seconded by William Puckett. The minutes were accepted.

## **NFWF/RESTORE update, Amy Hunter**

### RESTORE

- Mobile County Blueway user survey is open and would appreciate you taking it and passing it along: <https://www.mobilecountyblueway.com/>
- All Bucket 1 projects have been funded and are moving on through procurement process and engineering and design.
- Bucket 2: Finally received notice of award for comprehensive living shoreline study which will be moving into implementation.
- Bucket 3: 29 projects total, 15 have been awarded to date. Baldwin and Mobile counties both have projects in process. Bayou La Batre and the City of Mobile also have multiple projects underway.
- Center of Excellence is progressing; the Sea Lab is making the necessary changes to support the research that will take place under this program. <https://alcoe.disl.edu/>

### NFWF-GEBC

- Development of 2021 project slate is underway. This list hasn't been finalized, but construction of the Dauphin Island Causeway shoreline project is expected to be one of them. Project scope is approximately 3 miles (from the foot of the DI Bridge to Bayfront Park).
- Dauphin Island: E&D for the restoration of the East end beach is underway. The West End of DI was acquired with NRDA bird money. Aloe Bay project is going well.
- Regular updates and project information can be found here: <https://www.alabamacoastalrestoration.org/>

## **Clean Water Alabama**

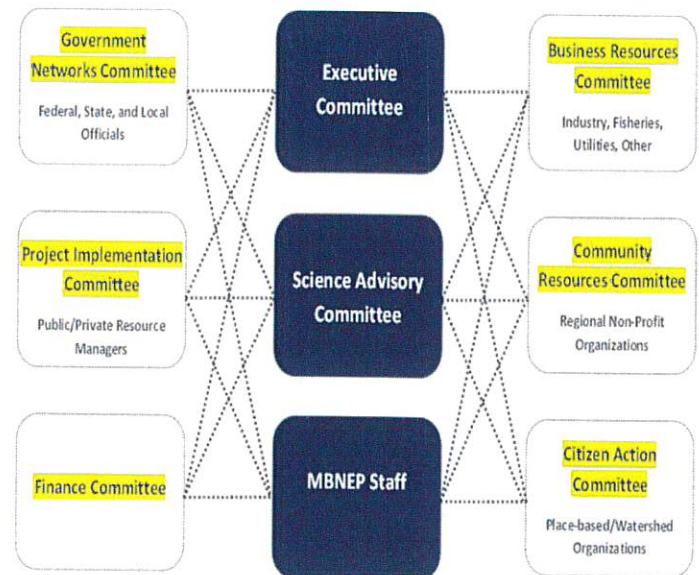
- initiative of Joe Faust and others in Baldwin County to raise awareness of coastal water issues and increase stewardship of Baldwin Counties natural areas



- Group coalesced after Hurricane Sally to help solve issues related to trees and debris in local waterways.
- Group is very new, but they have actively championed the implementation of the Weeks Bay Watershed Plan. Joe and Teddy Faust will be able to share more information at an upcoming meeting.
- Online Survey can be accessed here:  
[https://universityofalabama.az1.qualtrics.com/jfe/form/SV\\_6YHbKccN5mshONE](https://universityofalabama.az1.qualtrics.com/jfe/form/SV_6YHbKccN5mshONE)
- Joe Davis mentioned that Baldwin County has been working with Commissioner Blankenship on ways to address the debris that are clogging up inland streams.

### Overview of the MBNEP and CCMP

- Roberta welcomed the new members to the GNC and stated that the CCMP was similar to a lot of the comprehensive plans communities have developed and implemented, although the MBNEP's CCMP has a focus on the natural environment
- The NEP's Management Conference is made up of several sectors of the community, approximately 400 community leaders and various state and federal agencies comprise the committee membership.
- As part of the last CCMP update the GNC was polled and indicated the following challenges/opportunities:
  - Challenges: Political will/Buy-in, Funding, Development pressures, Inconsistencies/lack of regulations, Stormwater Management
  - Opportunities: Regulatory Changes, Incentives/Innovative Financing, Education, Legislative Action, Infrastructure improvements
- The GNC falls mainly under Technical Assistance and Capacity Building. One of our charges at the NEP is to aid local communities, many of whom may lack in-house capacity, to help improve environmental management.
- One of those objectives is the establishment and operation of watershed partnerships and task forces. The D'Olive Intergovernmental Task Force is an example. Members include cities of Daphne, Spanish Fort, Baldwin County, ADEM, and this group has helped to guide restoration efforts in the Watershed.
- Another objective is to maintain the South Alabama Regulatory Review which is a comprehensive review of Federal, State, and local ordinances related to environmental management and provide recommendations for improved environmental management. This document is currently being updated and the current version is available here:  
[http://www.mobilebaynep.com/images/uploads/library/FinalReport\\_withAppendices\\_Matrix.pdf](http://www.mobilebaynep.com/images/uploads/library/FinalReport_withAppendices_Matrix.pdf)
- Another objective is to provide a resource library of videos and other tools for aiding environmental management.
- Also working to provide regular and relevant training opportunities for local government resource managers. Recently, workshops have been held for watershed hydrologic models that have been developed.
- The Create a Clean Water Future program was established by a coalition of local municipal staff to provide resources to educate and provide resources (including the educational videos). This website can be accessed here: <https://www.cleanwaterfuture.com/>



**The MBNEP Management Conference**

### EPA-Program Evaluation

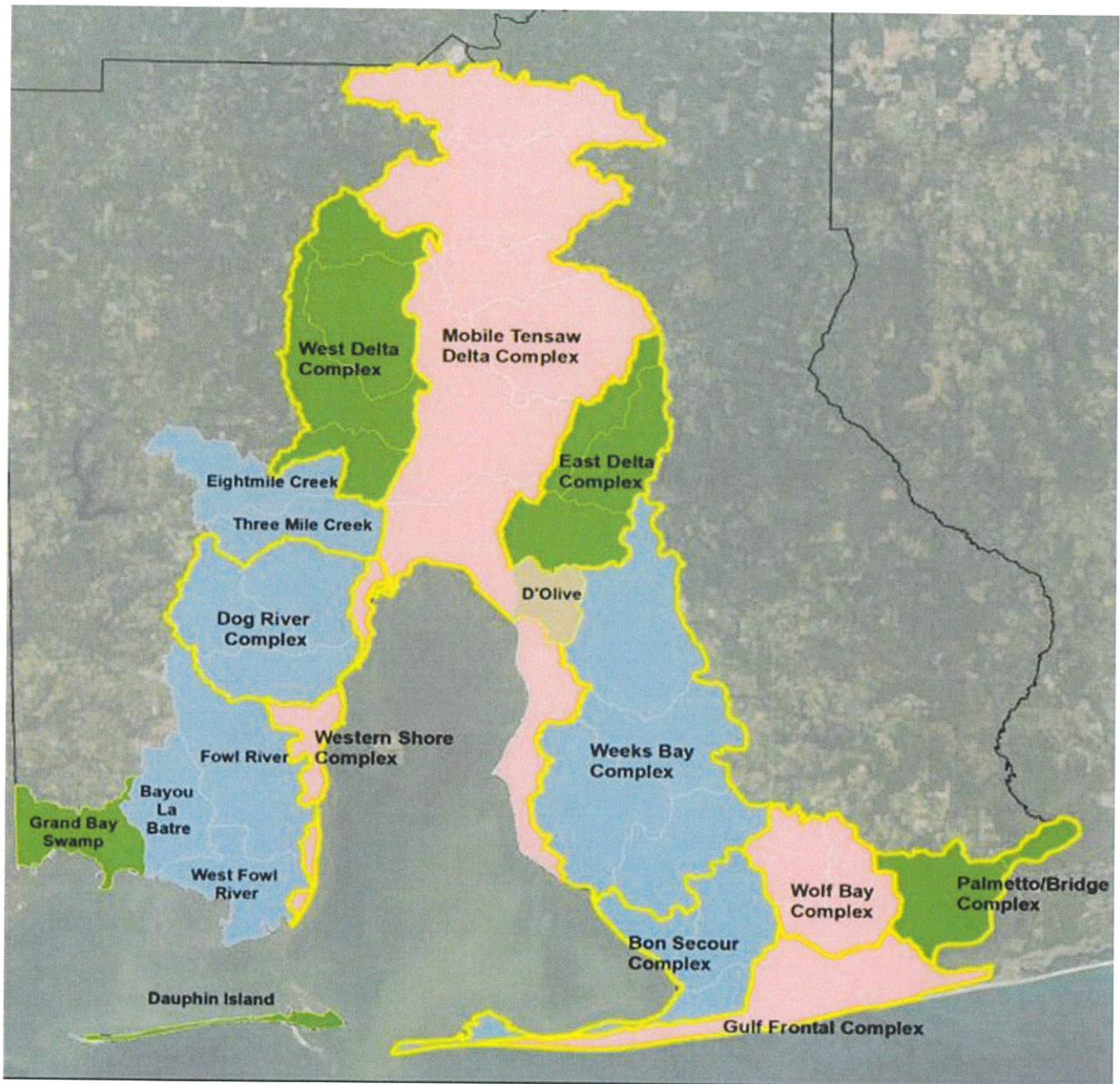
- The MBNEP passed the recent program evaluation with flying colors. The review team did ask the



MBNEP update the coastal monitoring framework. Applauded the work through the Clean Water Future Program and the Management Conference and how so many sectors of the community are engaged.

- Chris Plymale noted that the MBNEP does a great job and the “dings” were very inconsequential. EPA Region 4 appreciates the efforts of everyone involved with the MBNEP.
- The MBNEP’s CCMP is an official federally approved plan, so this plan can be cited in any funding application that requires linking it to a federally approved plan.

### Watershed Planning Update



- The current status of watershed planning in coastal Alabama
  - Recently completed WMP – Wolf Bay  
[http://www.mobilebaynep.com/images/uploads/library/Wolf\\_BayWMP\\_web.pdf](http://www.mobilebaynep.com/images/uploads/library/Wolf_BayWMP_web.pdf)
  - Under Development – Western Shore, Gulf Frontal, MTA Delta, D’Olive (update), Fly Creek/Eastern Shore, Dauphin Island
  - On Deck: Eastern Delta, Western Delta
- It is imperative to have baseline watershed assessments underway in both the Western and Eastern Delta complexes in order to feed information into WMP development.
- Each of the watersheds is unique in the communities and issues that are involved
- The Western Delta complex has four individual HUC 12 watersheds: Cold Creek, Gunnison Creek,

Bayou Sara, and Lower Chasaw Creek. Grouping multiple watersheds together has some benefits in economy of scale to reduce the overall cost per HUC12, but it may make more sense to break them up into multiple watersheds complexes for planning purposes.

- These plans are actively being utilized to put funding on the ground. To date, projects identified as part of a watershed planning process have led to over \$337 million in BP spill-related funding.
- Regular updates on coastal watershed planning can be found on the MBNEP website.

Meeting adjourned @ 9:05 am



**Mobile Bay National Estuary Program  
Government Networks Committee**  
August 14, 2020, 8:30 am – 10:00 am  
Zoom Virtual Meeting



**Agenda**

**Meeting Objectives:**

- a) Management Conference Committee Status Review
- b) Provide status of NFWF GEBF & RESTORE funding and Watershed Planning
- c) Wrap-up Coal Ash project
- d) Discuss the value of the MBNEP
- e) EPA-NEP Program Evaluation Team Q & A

**1. Welcome and Introductions**

GNC Co-Chairs:

Commissioner Merceria Ludgood, Mobile County  
Commissioner Billie Jo Underwood, Baldwin County

**2. Review and Approval of Minutes**

**3. Old Business**

- a) Management Conference Committee Status Review
- b) NFWF GEBF/RESTORE Update
- c) Watershed Planning Update

**4. New Business**

- a) Coal Ash wrap-up
- b) State and Local Investment in the MBNEP
- c) Value of the MBNEP
- d) EPA-NEP Program Evaluation Team Q & A
- e) Schedule next meeting

**5. Adjourn**



## Minutes

**In attendance:** Ashley Campbell, City of Daphne; Merceria Ludgood, Mobile County Commission; William Puckett, Alabama Soil & Water Conservation Committee; Tina Sanchez, Mobile County Commission; Rosemary Ginn, City of Mobile; Veronica Hudson, Saraland City Council; Scott Bannon, ADCNR-MRD; Margie Wilcox, AL House of Representatives; Lynn Battle, ADEM; Jeff Collier, Town of Dauphin Island; Billie Jo Underwood, Baldwin County Commission; Chris Blankenship, ADCNR; Joseph Abston, Washington County Commission; Chris Thomas, EPA Region 4; Tom Williams, City of Satsuma; Patty McCurdy, ADCNR-State Lands; John Valentine, DISL; Diane Burnett, SARPC; Newton Cromer, Saraland City Council; Three unidentified participants via phone.

**EPA-NEP PE Team:** Romell Nandi, EPA Headquarters; Kathy Hill, Indian River Lagoon NEP; and Chris Plymale, EPA Region 4

**Staff:** Roberta Swann, Bethany Hudson, Christian Miller

## Takeaways

- The NEP has wrapped up their coal ash project and we encourage all GNC members to take advantage of these resources and to communicate their effectiveness to colleagues and constituents.
- The State, counties, and local municipalities have been great supporters of MBNEP since its inception but more work is needed to strategize with the Finance Committee on long-term funding for the program.
- The counties and municipalities have realized great benefits from their participation with the MBNEP through leveraging of funds to complete priority projects and provision of educational materials supporting programs and meeting MS4 requirements.

Meeting began at 8:35 a.m. A motion was made to accept the minutes from the previous meeting by Commissioner Ludgood and seconded by William Puckett. The minutes were accepted.

NFWF/RESTORE update, Commissioner Blankenship

- The easiest way to get updates on approved projects is to visit the Alabama Coastal Restoration website. <https://www.alabamacoastalrestoration.org/>
- All but one of the Bucket 1 projects have been submitted and awarded by the Federal Council.
- All Bucket 3 projects are on track to be submitted to Federal Council by October. Still working with cities and counties to get required documentation together. Over half of these projects have been awarded.
- NRDA – Restoration plan three came out in December and included bird and recreational use projects. One of these is the renovations to the Gulf State Park fishing pier which should be wrapped up by the first of September. An elevated and handicapped-accessible observation tower will be on the end of the pier. Work started on the Ft. Morgan pier this week. Bird habitat projects are also underway. Region-wide TIG is working on Oyster, bird; marine mammal projects and a restoration plan draft should be available later this year.
- NFWF – Three projects are working through the process this year and will be announced in November and include construction money for projects that were awarded engineering and design funds in previous years.
- RESTORE – working on the next FPL which will be made public in October/November and awarded in April 2021 accounting for \$302 million gulf-wide. Working to get many good Alabama projects included.

Watershed Planning Update

- Wolf Bay plan is out for public comment and available on the NEP Website. [http://www.mobilebaynep.com/the\\_watersheds/wolf\\_bay\\_watershed/](http://www.mobilebaynep.com/the_watersheds/wolf_bay_watershed/)

- Western Shore, Gulf Frontal, MTA Delta, D'Olive Update are all in progress. Fly Creek/Eastern Shore WMP is just starting.
- The next plans to get started will most likely be Dauphin Island followed by the Eastern and Western Delta watersheds. Watershed baseline sediment studies will be necessary in the east and west delta watersheds to feed data into the WMP but won't be necessary for the Dauphin Island plan.
- For regular updates on WMP status please visit the NEP website:  
[http://www.mobilebaynep.com/the\\_watersheds](http://www.mobilebaynep.com/the_watersheds)

Roberta gave an update on what MBNEP Management Conference Committees have been working on:

- **GNC:** Coal ash education, watershed planning status, and legislative activities
- **PIC:** Watershed planning, project implementation, and shorelines planning
- **FC:** Strategizing for the long-term sustainability for the MBNEP
- **SAC:** Stressor evaluation, watershed modeling, comprehensive ecosystem modeling for the greater Mobile Bay Watershed
- **BRC:** Oyster aquaculture/support for restoration, Marketing campaign for farm-raised oysters, access to capital for commercial fisheries interests
- **CRC:** Development of a work plan to address trash, litter, and marine debris
- **CAC:** Focusing on citizen science: WQ, flooding, SSOs, phytoplankton, DO, invasive and native plant species, and other data collection opportunities

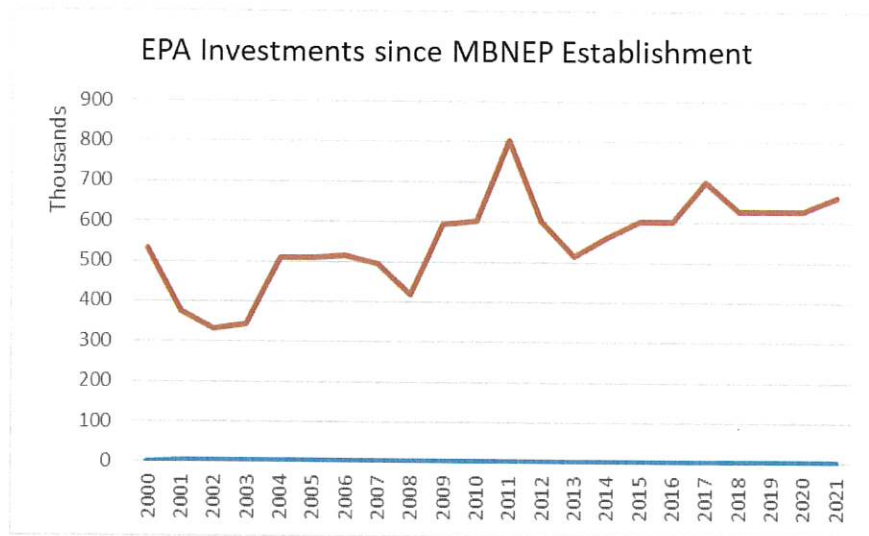
#### Coal Ash wrap-up

- Over the last year we have heard from third-party experts from across the country on the subject of coal ash.
- This committee has heard presentations from Marlon Cook on the hydrogeologic factors influencing the closure as well as Bob Snow's structural integrity review of the ash pond closure plan.
- Coal ash resources, including the movie *the Unintended Consequences of Convenience* are available here:  
[http://www.mobilebaynep.com/index.php/the\\_watersheds/tensaw\\_apalachee\\_watershed/coal\\_ash](http://www.mobilebaynep.com/index.php/the_watersheds/tensaw_apalachee_watershed/coal_ash)
- Please pass this information on to anyone who asks or would benefit from watching it.
- Commissioner Ludgood stated that that the film was what she had hoped for and that it gives enough information to draw your own conclusions about what works best.
- Commissioner Ludgood represents the area affected by the ash pond closure and has not received concerns from constituents in the area regarding the ash pond and has encouraged them to watch the film.
- Commissioner Underwood has spoken with people in Baldwin County who have viewed the film and said the response she has received has been positive and the film provided an objective overview of the issue.
- Margie said the film is a useful tool and appreciates MBNEP providing the information.
- Newton said he thought the information was very objective and fairly presented.

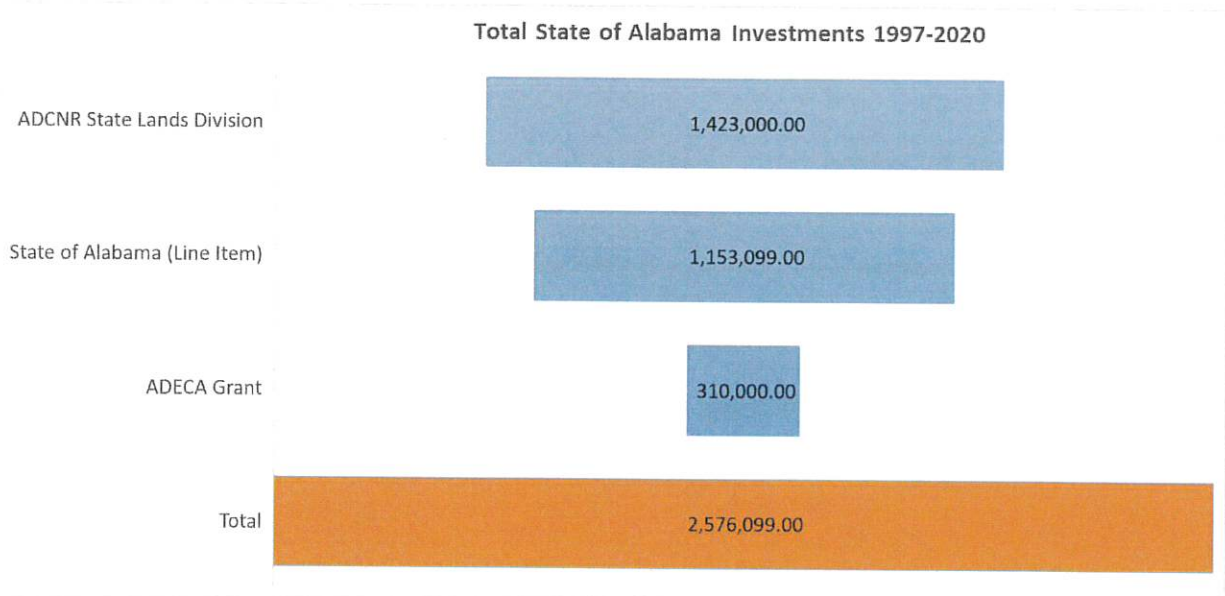
#### State and Local Investment in the MBNEP

- From 2000 forward the EPA has invested over \$12 million in the MBNEP and in projects that it has undertaken. Over time this funding has been used to sustain the MBNEP while we have sought to acquire extramural funding for projects. The MBNEP's Finance Committee must strategize and consider how the EPA and State and local funds are best invested going forward.





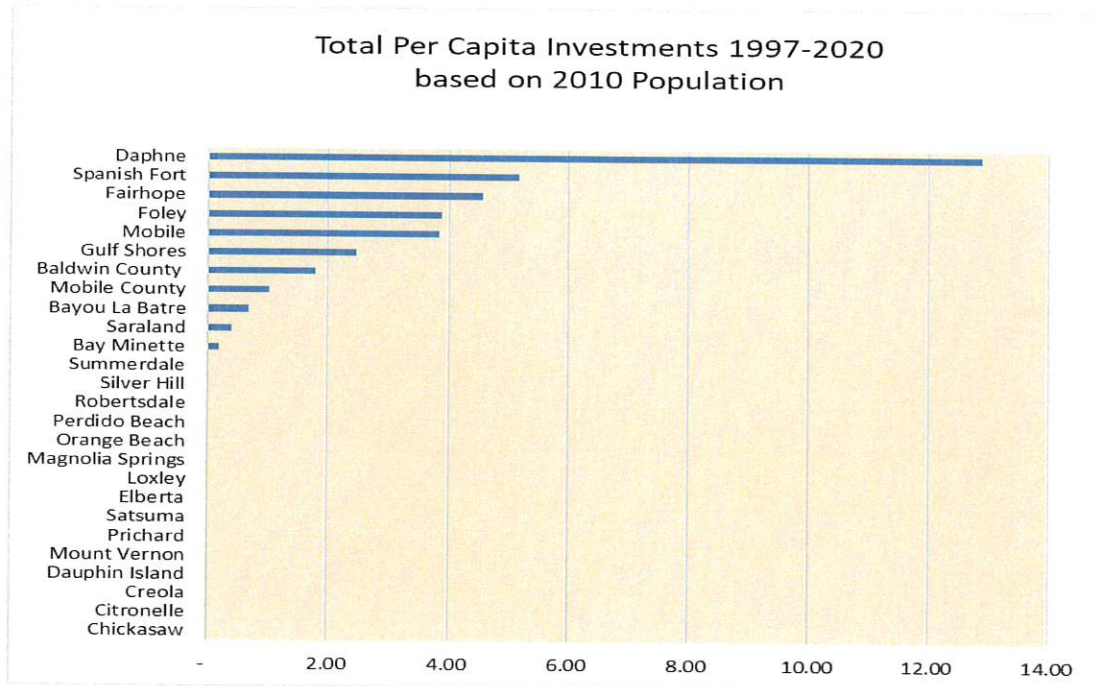
- State funding in the MBNEP has been very robust. Not all NEPs enjoy this level of state support. ADECA provided initial funding which shifted to ADCNR/State Lands in 2002. This funding has been steady and has increased since 2014 as BP spill money has come online and MBNEP has helped getting this funding on the ground. In 2008 the coastal legislative delegation succeeded in establishing a State line item through the education trust fund as part of DISL's appropriation specified for the MBNEP.
- A total of over \$2.5 million dollars has been provided by the State of Alabama for which the MBNEP is thankful. An impressive investment by the State.



- Mobile and Baldwin counties and the City of Mobile have been staunch supporters of the MBNEP since its inception. MBNEP receives \$660,000/year from EPA which must be matched 1:1 from local monies. The counties, along with the City of Mobile, have been great supporters. Daphne has also provided a tremendous amount of funding which tells the story of the value of watershed planning.
- Saraland and Bay Minette also provided initial Program funding and we look forward to going back into those communities as we commence watershed planning in those areas.
- Daphne and Spanish Fort have been great supporters of the MBNEP and have also realized the greatest benefits of investments due to their involvement in the watershed planning and implementation process.
- In relation to added value, Merceria mentioned that she was talking to a constituent about an ongoing project that was the result of a drainage study funded by MBNEP. As a result of that initial \$50K investment by MBNEP, four bridge projects and associated infrastructure projects had materialized. The first bridge project is ~\$800K and the others are significantly more. The people

that live in those areas that have been subjected to flooding and SSO's have greatly benefited and appreciate the investment.

- Newton mentioned that Saraland has experienced a lot of flooding issues which are due to runoff and sedimentation. The communities have benefited from a lot of studies undertaken by USACE and MBNEP and we appreciate the hard work of Commissioner Ludgood who has championed the



efforts to support our communities. The efforts of MBNEP to provide data to support local investments in our communities are appreciated.

- The Finance Committee has been reestablished to work on long-term funding strategies. There is a potential that Federal dollars get cut. The future of Federal monies is uncertain. This is why we continue to ask how MBNEP provides value to you and what we can do to increase this value.
- At some point the question should be asked of whether or not to shift to using local dollars for our operational budget and use EPA dollars to support community projects. State and local dollars = ~\$300K while MBNEP's operational costs are ~\$800K.
- MBNEP doesn't do fundraising projects. We rely on our state and local governments to provide funding. We hope to recruit several of our GNC members to participate on our Finance Committee so that we can better communicate the MBNEP's value to local communities.
- Billie Jo stated Baldwin County is in budget deliberations and will be debating miscellaneous funding soon. There are three new Commissioners (including myself) that may not understand the importance of the work done by MBNEP. My participation on the GNC has helped me understand the importance of the work of this organization and the environmental issues facing Baldwin County. This will continue to be a learning experience for the new Commissioners to ensure we are making the best investments for Baldwin County.
- Mayor Collier spoke highly of the Trash Blows campaign which started several years ago in conjunction with the DI Deep Sea Fishing Rodeo. Banners along the roadways and educational materials at the Rodeo site (provided by the Mobile Jaycees) highlighted the importance of stowing trash in boats and trucks and anecdotally we think there has been a reduction in trash on local roadways.

#### Value of the MBNEP

- Tina said that Mobile County has through time, starting with CIAP funds, prioritized conservation and land acquisition and was pleased to assist with the conservation of priority bottom land hardwood wetland parcels in the Dog River Watershed along Halls Mill Creek. We are waiting on the funding agreement from NFWF and will have more information as we move forward with this ~\$2.5 million project.



- The County appreciates the framework provided through the CCMP which demonstrates public value for access which we have been using to justify GOMESA funding to provide additional access points throughout the County.
- The NEP and the County have partnered on a large and complex shoreline restoration project along the DI Causeway that focuses on increasing community and habitat resilience. This project protects critical habitat and the only transportation route on and off Dauphin Island.
- Commissioner Blankenship stated that this project is very important to Dauphin Island and we have been promoting its importance to funders in Washington DC. We appreciate the County and MBNEP taking on this challenging project and once complete will be a testament to the great cooperation between the County and the NEP.
- Rosemary Ginn, Stormwater Manager with the City of Mobile, stated that the City appreciates the partnership with the NEP and all the efforts they have been a part of including the Create a Clean Water Future program and watershed plans for Three Mile Creek and Dog River.
- The City recently received an EPA Trash Free Waters grant which would not have been possible without the partnership and hard work of the NEP. The Litter Gitters have been very effective at capturing trash in the TMC Watershed and we've been able to leverage this initial partnership to sustain and expand the program.
- In 2019 the City was able to pass a stormwater utility fee that has enabled us to do more, but that initial funding through the NEP was critical to stand up and help sustain the City's MS4 programs. This work garnered the attention of EPA Region 4 administrator Mary Walker, who visited Mobile to see the good work going on. It was nice to be acknowledged for something positive.
- There are several capital projects implementing the TMC WMP underway including: 12 Mile stream restoration (2 separate projects), Langdan Park Lake dredging, invasive species management (mainly vegetative), and the TMC trail project.
- Ashley Campbell with the City of Daphne said the NEP was there from the beginning in 2007 when there was a struggle to get a handle on the issues which resulted in the initial D'Olive WMP. This WMP delivered the scope of the problem and provided a solution to fixing it. We are now ten years into implementation and are realizing the benefits of our partnership with MBNEP.
- The Clean Water Future campaign has been a very valuable tool for educating elected officials, staff, and citizens. These materials are available to anyone for free and are a huge benefit to Daphne and other cities around the State.
- The various management conference committees (PIC and SAC) have provided opportunities to solve problems and are a great benefit.

- Working through the Intergovernmental Task Force that was established during the WMP has allowed the cities of Daphne, Spanish Ft, and Baldwin County to come together and solve shared problems under the leadership of the NEP. Through these efforts we have been able to restore Joe's Branch. This project received a lot of recognition, won several awards, and withstood the major rain event in spring of 2014. This success led to additional funding through NFWF to restore additional streams, and this year Joe's Branch was able to be de-listed from the State's impaired waters list. We are proud to support the NEP and we have seen that for every \$1 invested by Daphne into the NEP has returned \$86. We are a proud partner with MBNEP.

#### EPA-NEP Program Evaluation Team

- Romell asked about the efforts, in general, by the GNC and members to support watershed planning. Billie Jo said that Baldwin County doesn't have an environmental planner and that is something we need at the County. Billie Jo appreciated hearing from Ashley and learned a lot from today's program. The NEP has helped to fill this need for the County. Merceria said that when she first became an elected official environmental issues were near the bottom of her list in terms of

importance. It was only after becoming involved with the NEP that she became aware that the sources of a lot of the County's problems were related to stormwater management and other environmental issues. The GNC has enabled elected officials from across lower Alabama to be more effective managers and stewards of the environment. Bill Puckett said he has appreciated the NEP and being able to work on the various committees on agricultural issues through the watershed planning process. Margie Wilcox stated that she appreciated the NEP and all their efforts in passing the litter legislation. Margie also stated that she would like to help the NEP at the State level on budgeting/funding issues.

- Kathy said she understood there to be some constitutional barrier that prevents counties from working cooperatively to solve watershed issues. Roberta said that the lack of home rule hasn't really prevented this work and the NEP has served as a conduit to get a lot of this work accomplished. Merceria said that Randy Davis had passed some legislation in the past that helped make this process easier and working through the NEP doesn't violate the constitutional prohibition. Romell said this is very good value-added for the NEP to be able to allow this type of cooperation.
- Romell asked if the GNC has worked to improve stormwater management plans to combat litter and trash. Roberta said there is a tremendous amount of effort locally to deal with litter. The GNC has worked with Margie to help pass state-wide legislation to strengthen litter regulations.
- Romell asked what type of information is needed at the State and local levels to help argue for sustained investment in the NEP. Ashley said that the return on investment information is very important to be able to show her City Council and justify the continued investment in the program. Roberta said that it is common practice to provide a return on investment information with funding requests to cities and counties. Merceria said it's important for those of us that are involved with the NEP to consistently share our information with our colleagues who are unaware of the importance of environmental issues. Patty said the NEP has been instrumental in helping to leverage multiple funding sources to get projects on the ground.

Meeting was adjourned at 10:20 a.m.





**Mobile Bay National Estuary Program  
Government Networks Committee  
Structural Integrity Review for Alabama Power's Plant Barry CCR Closure Plan  
Zoom Meeting  
May 4, 2020  
1:30-3:30 P.M.**

Meeting Attendance: Mike McMillan, Billie Jo Underwood, Charles Murphy, Scott Hughes, Merceria Ludgood, Connie Hudson, Sandy Stimpson, Robert Snow, Scott Story, Chris Blankenship, Casi Callaway, Elizabeth Roney, Ashley Henderson, Wayne Dyess, R. Cink, Marlon Cook, Rosemary Ginn Sawyer, Seven individuals participated by phone only.

Staff: Ben Brenner, Jason Kudulis, Roberta Swann, Christian Miller

**Key Takeaways**

- It is the opinion of the Professional Engineer in charge of conducting this independent review that acceptable structural integrity and performance is demonstrated by the proposed Plant Barry coal ash pond closure plan procedures, design, and engineering analysis.
- It is the opinion of the Professional Engineer in charge of conducting this independent review that the structural integrity criteria have been met, and in some cases surpassed, providing confidence in the closure plan.
- Riverine and coastal storm surge analyses were performed and indicated that exterior dikes would not be overtopped in the event of a 1,000-year storm.
- Recommendations were made for Alabama Power to:
  - Analyze the stability and performance of the storage yard in the NW corner of the facility.
  - Supplement post-dewatering and preloading geotechnical exploration with CCR saturation and shear strength characterization.
  - Incorporate geotechnical instrumentation and monitoring program.
  - Evaluate the potential of erosion of exterior perimeter dikes due to river flooding and implement slope protection if warranted.
- Recommendations were made to the local watershed community to
  - Monitor and review publically disclosed project records and inspection reports to check progress and confirm conditions.
  - Ensure that the EAP is updated as conditions change and that scheduled meetings with emergency management agencies are conducted and reported.

This presentation in its entirety can be accessed here:

Approximate time stamps are provided in parenthesis in their respective sections of this synopsis.

The meeting began at 1:35 P.M. Christian gave a brief overview of the agenda then mentioned that MBNEP had been charged by the GNC to investigate the critical factors influencing Alabama Power's (APCO) plan to close the ash ponds at the Barry Steam Plant and reviewed the Purpose and Objectives of this project:

**TAC-3: Build capacity of local governments to manage and enhance coastal environmental resources.**

- Improve understanding of the legal framework and critical hydrogeological and structural factors influencing APCO's Coal Combustion Residuals (CCR or coal ash) pond closure plan.
  - Review of legal framework and hydrogeologic factors is complete; fact sheets available.
  - Structural integrity review is complete.
  - Film summarizing findings is expected to be completed in May.

Next, Christian introduced Robert (Bob) Snow, P.E. with D'Appolonia Engineering to present findings of a structural integrity review for the Plant Barry ash pond closure plan. MBNEP contracted with D'Appolonia to conduct a review of this closure plan which consisted of a limited review of permit application submittals and available design documents related to the ash pond closure.

Bob mentioned that he reviewed several publicly available documents as part of his review process including:

- 2019 Amended Coal Combustion Residual (CCR) Closure Plan for Ash Pond
- Closure Plan Design Drawings (Draft 100% Design, Not for Construction)
- 2019 Plant Barry Ash Pond Dewatering Plan
- 2018 Permit Application for CCR Surface Impoundment

Additional exploration, testing, and engineering documents supporting the CCR closure plan were also reviewed that are not publically available.

The purpose of this independent review was to evaluate aspects of the engineering, design, and permitting of APCO's proposed closure plan to identify potential areas of concern or gaps in information that may be important to decision making with respect to structural integrity of the closed and consolidated coal ash facility.

Bob mentioned that the Hazard Potential Classification and Emergency Action Plan are two components of this review. The Hazard Potential Classification is a reflection of the potential impact that a failure would have, if one were to occur (not of the imminent threat of a facility). These classifications generally fall into either one of low, significant, or high hazard potential categories. The Plant Barry ash pond currently has a classification of "significant", meaning there could be significant downstream environmental impacts were a failure to occur but no anticipated loss of life (which would elevate it to the "high" category). The Hazard Potential Classification establishes specific design criteria for the closure plan and the requirement for an Emergency Action Plan (EAP); this provides for emergency response and coordination with local emergency management agencies should the need arise.



**Key current site conditions at Plant Barry (Fig. 1):**

- 597-acre ash pond containing over 21 million tons of coal ash adjacent to the Mobile River
- The coal ash within the pond typically varies from 20-30' thick, is composed of fly ash and bottom ash, and is generally loose and saturated with water
- Ash is contained by an extensive perimeter dike founded on clay
- Ash is underlain by clay and sand layers
- Underlying sand represents a semiconfined aquifer that flows towards, and discharges to, the Mobile River

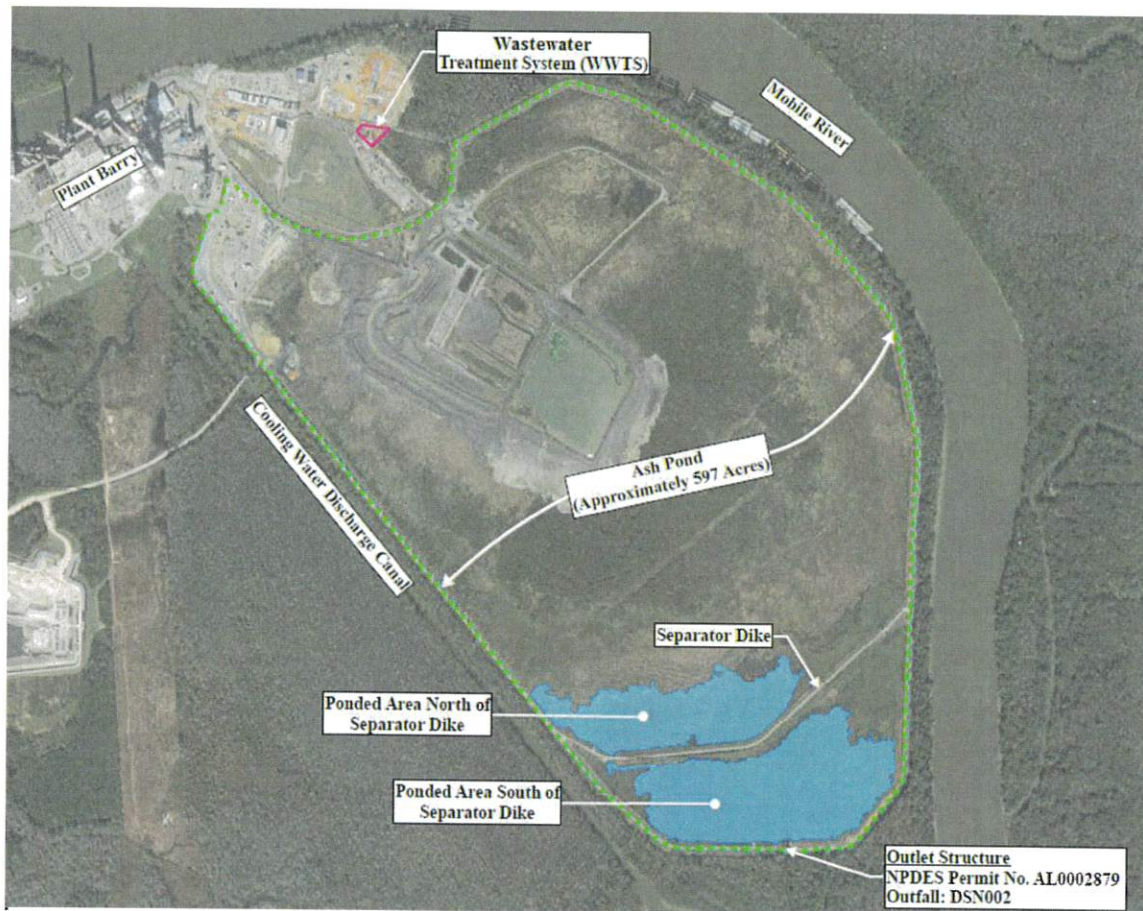


Figure 1. Current site conditions at the ash pond at the Alabama Power Company's Barry Steam Plant located along a bend of the Mobile River in Bucks, AL.

**Key Components of the CCR Closure Plan (8:38)**

The main concept of the closure plan is to consolidate ash into a reduced footprint of ~330 acres on the north end of the site and the closed structure will rise above the current grade (Fig 2 and Fig 3). This consolidation results from removal of ash along the inner perimeters of the dike and creates a buffer between the river and allows installation of containment structures and stormwater management infrastructure. A stormwater settling basin and NPDES outfall on the south end of the site will be maintained. Key components of the closure process include:

### Dewatering & Stabilization (11:28)

- Removal of free water and reduction of interstitial water within the coal ash will be accomplished by pumping from open pooled areas and creating sumps in the ash.
- Water that is in contact with coal ash will pass through a filter berm to reduce solids and then pumped to a wastewater treatment system prior to discharge.
- Dewatering will continue throughout closure and contributes to stabilization of the ash material during the excavation process.

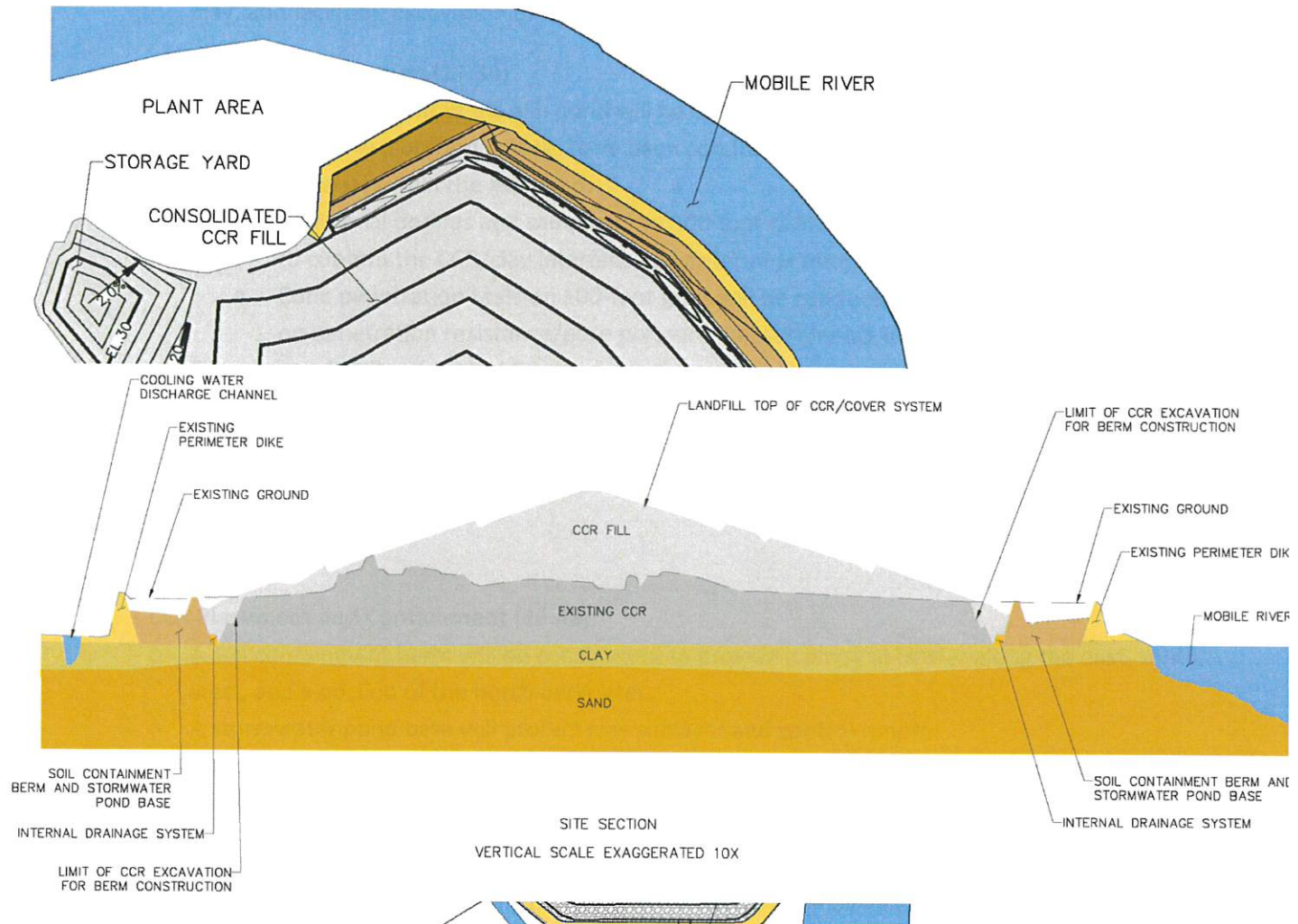


Figure 3. Side cutaway view of the closed and capped ash pond facility at the Alabama Power Company's Barry Steam Plant located along a bend of the Mobile River in Bucks, AL.

Figure 2. Top down view of the closed and capped ash pond facility at the Alabama Power Company's Barry Steam Plant located along a bend of the Mobile River in Bucks, AL.

### CCR Excavation (14:03)



- Final grades of 3.5%, synthetic turf overlay, riprap lined channels, and flow dissipation structures will provide erosion control.
- The current stormwater settling basin on the south end of the site will be maintained.

A question was asked in regards to why stormwater treatment was only provided for events up to the 25-year event when larger storms occur with regularity in coastal Alabama. In smaller events, the concentration of pollutants is much greater and the effluent often times exceeds allowable limits so treatment is required before discharge. Events in excess of the 25-year storm generally result in diluted concentrations of these constituents falling within allowable limits established by regulatory agencies (ADEM).

The next portion of the presentation focused on criteria evaluated under the structural integrity review of the closure plan: **slope stability; settlement; slope protection; and stormwater management (27:18).**

#### **Hazard Potential Classification and Emergency Action Plan (27:40)**

- The ash pond has been classified as a significant hazard, which establishes the inflow design requirement that must be maintained throughout the closure process (design to withstand 1,000-year event).
- The EAP must be maintained until a reduction in hazard potential is achieved.
- The stormwater basin will continue to serve as an outfall through and after closure, although little water will be retained except during storm events.

The **slope stability review (31:00)** evaluated components of the closed CCR facility including the perimeter dikes, consolidated CCR area, soil containment berm, final cover overlay, interim condition of the facility during the closure process, and the stormwater basin at the south end of the facility.

#### **Slope Stability Findings (33:00)**

- Stability analyses indicate acceptable structural integrity and performance, with a focus on critical areas along the east, south, and west perimeters of the dike. Engineering analysis did not include the storage yard in the northwest corner of the facility.
- Successful dewatering and stabilization of the ash pond depends on pumping and removal of surface and interstitial water from the CCR. Dewatering promotes consolidation and stabilization of the ash material and allows for excavation.

#### **Slope Stability Recommendations**

- The saturation of CCR and slope stability of the storage yard area in the northwest corner should be assessed as CCR is closed in place without the soil containment berm and internal drainage system within this area of the facility.
- Geotechnical exploration, instrumentation, and monitoring should be performed during the closure process to confirm the design basis for the closure plan.

#### **Settlement Findings (37:15)**

- Long term settlement is considered with regard to construction grades in order to maintain function of the cover system and stormwater control structures.
- Settlement analyses and mitigation measures are based on:
  - Design exploration and testing of CCR and foundation materials
  - Dewatering and stabilization measures
  - Preloading to initiate consolidation and settlement
  - Geotechnical exploration to confirm foundation characteristics

#### **Stormwater Management & Flooding Protection Findings (38:20)**

- Stormwater Management
  - Water in contact with ash is retained and treated up to the 25-year storm event.
  - For events in excess of the 25-year storm water is discharged through the NPDES outfall.
  - Overtopping protection of the perimeter dike is provided for greater than a 1,000-year storm event.
- River Flooding
  - Riverine flooding evaluations were performed and determined protection from overtopping of the perimeter dike is provided for greater than a 1,000-year flood.
- Coastal Storm Surge Flooding
  - Coastal storm surge evaluations were performed and determined protection from overtopping of the perimeter dike is provided for greater than a 1,000-year storm/flood event.

#### **Slope Protection Findings (40:14)**

- The cover system on the consolidated CCR area and soil containment berm includes components to reduce/eliminate potential erosion.
- Stormwater channels and ponds include riprap to provide erosion protection.
- Existing vegetation will be maintained on the exterior of the perimeter dike for erosion control.

#### **Slope Protection Recommendation**

- The potential for erosion of the exterior of the perimeter dikes due to extreme Mobile River flooding should be evaluated and additional slope protection should be considered if warranted.

A question was asked regarding the date of the mapping that was used to evaluate flood protection for the facility. Flood frequency analyses were performed to estimate flood levels at the Ash Pond location considering riverine floods and coastal storm surge based on the 2019 FEMA Letter of Map Revision Determination and 2019 FEMA Preliminary Flood Insurance Study maps.

#### **Operation and Maintenance Plan Findings (43:12)**

- Operations and Maintenance Plan includes: Construction Best Management Practices; Fugitive Dust Control Plan; Surface Water Management; Groundwater Monitoring Plan; Recordkeeping and Notification compliance procedures; and procedures for updating plans and assessments.
- The Closure Plan Recordkeeping and regulatory agencies (ADEM) require that changes, updates to structural assessments, and inspection reports be submitted and disclosed to the public.

#### **Operation and Maintenance Plan Recommendation**



- Disclosed project records should be monitored to provide an opportunity for public awareness of any significant closure plan changes and periodic updates of structural assessments during the closure process.

#### **Inspections Findings (45:07)**

- Weekly inspections are required to identify structural weaknesses and to ensure proper operation of all outlet structures.
- Annual inspections are required by a qualified Professional Engineer.
- Annual inspection reports should document the status of the closure progress, instrumentation information, and changes that may have affected the operation or stability including any appearances of an actual or potential structural weakness.

#### **Inspections Recommendation**

- Inspection reports should continue to be disclosed to the public and include information on geotechnical instrumentation, monitoring, and interpretation, along with inspection observations to confirm conclusions of the structural assessment.

Next, Bob summarized his findings of the structural integrity review to state that acceptable structural integrity and performance is demonstrated by APCO's proposed Plant Barry coal ash pond closure plan. Bob also recommended that supplemental analyses, exploration, instrumentation, and monitoring programs be conducted to confirm conditions during the closure process. These recommendations include:

#### **Recommendations for Alabama Power (48:14)**

- Analyze stability and establish structural performance the storage yard in the northwest corner.
- Supplement post-dewatering and preloading geotechnical exploration with CCR and shear strength characterization.
- Incorporate geotechnical instrumentation and monitoring program into the closure plan.
- Evaluate the potential for erosion of exterior perimeter dikes due to Mobile River flooding and implement additional slope protection if warranted.
- Pursue reevaluation of hazard potential classification upon completion of the closure plan to demonstrate risk reduction of the facility.
- Regarding the Emergency Action Plan, continue to perform annual review and updating EAP during closure, with scheduled meetings with emergency management agencies concerning scope and responsibilities of parties. Include documentation of meeting participation, topics reviewed, and training activities.

A question was asked about the shear strength related to the ash and whether the ash will consolidate and become compacted. With the removal of the ponded water and interstitial water is drained from the ash, the level of saturation within the ash will decline. This will ensure that the material is consolidating and material strength is improving. It is expected that the ash will consolidate with dewatering and increase in strength in a dewatered state.

A question was asked; as the ash consolidates will it be less susceptible to erosion in the event of a breach of the levee? By dewatering, the ash should consolidate and should not represent a flowable material.

Another question was asked related to the long-term environmental safety of the proposed closure plan and it relates to complete excavation and removal. Bob stated that this was hard to evaluate since complete excavation and removal was not an option that was included in the proposed closure plan. Bob stated that he didn't see one as being better or worse, rather there are conditions to be evaluated and satisfied for each. Christian reiterated that the scope of Bob's review included only the proposed closure plan and complete excavation and removal was not an option that was currently being considered. Bob stated that the challenges related to complete removal include having to deal with large quantities of material and the risks associated with moving it, including spills and airborne dust, which can be significant compared to consolidating and keeping it on site.

**Recommendations for the Watershed Community (1:04)**

- Monitor publically disclosed project records including closure plan updates, periodic structural assessments, and inspections during the closure process to check progress and confirm conditions.
- Review publically disclosed inspection reports for information related to geotechnical instrumentation, monitoring, and interpretation along with inspection observations to confirm structural assessment.
- Ensure that the Emergency Action Plan is updated as conditions change with closure implementation, and scheduled meetings with emergency management agencies are conducted with documentation on participants, topics reviewed, and training activities.

The meeting concluded at 3:30 P.M.





## Welcome!

Please put your name, organization, and email in the chat box to sign in.

Please note: This meeting is being recorded!

This presentation provides minutes of the January 28, 2021, Project Implementation Committee.

Attendees: Katie Baltzer, Cassie Bates, Don Blancher, Chris Blankenship, Herb Bullock, Wade Burcham, Mary Kate Brown, Ashley Campbell, Walter Earnest, Troy Ephriam, Kara Fox, Judy Haner, Patric Harper, Paige Felts, Casey Fulford, Carl Ferraro, Jennifer Greene, Meg Geocker, Leslie, Gahagan, Ashley Henderson, Rob Howell, Webb Jackson, Matt Jollit, Matthew Jones, Jeanette Kelson, Jeremiah Kolb, Cade Kistler, Nicole Love, Sarila Mickle, Eliska Morgan, Amy Newbold, Autumn Nitz, Don Mroczko, Rob Howell, Steve O'Hearn, Greg Pierce, Evan Reid, Ray Richardson, Justin Rigdon, Marcus Rubenstein, Mike Sharp, Lance Slater, Memphis Vaughan, Lee Walters, Chris Warn, Connie Whitaker, Amy Williams, Barja Wilson, Emma Witherington, Brad Young.

MBNEP Staff: Roberta Swann, Christian Miller, Jason Kudulis

## Project Implementation Committee Agenda



### Welcome and Call to Order:

Co-Chairs: Judy Haner, The Nature Conservancy, & Patric Harper, U.S. Fish and Wildlife Service

### Old Business: Accept minutes from August 2020 meeting

### New Business: *Watershed Planning and Project Implementation Update*

- |                            |                          |
|----------------------------|--------------------------|
| • ADCNR DWH Oil Spill      | • Point Aux Pines/GOMESA |
| • MBNEP WMPs               | • NRCS                   |
| • MAWSS                    | • Fly Creek              |
| • Mobile County Shorelines | • Bon Secour             |
| • MBNEP Restoration        | • Weeks Bay              |
| • TNC Restoration          | • Gulf Frontal           |
| • City of Mobile           |                          |



The meeting was called to order at 1:02pm.

Old Business: Minutes were provided for review before the meeting. Carl Ferraro motioned to accept the August 2020 minutes. Eliska Morgan seconded.

New Business: See following project slides for *Watershed Planning and Project Implementation Update*.

- Project presenters were asked to share a map, an overview slide including project status, timeline, and any challenges, and a few pictures. Notes are included with project slides where applicable.
- Other PIC related business and discussion.
  - Judy commended the volume of complex and important projects that were shared by committee members. Although each project is unique, some share similarities and challenges that could benefit from additional PIC meetings, perhaps even topic-focused meetings to drill-down and exchange knowledge and lessons learned.
    - Commissioner Blankenship also shared how impressed he is with the work being done in coastal Alabama and expressed his gratitude to all involved.
    - Plan proposed is to continue with traditional quarterly meetings while adding off-cycle topics of interest and/or site visits with smaller groups to projects for experiential learning.



## Eastern Shore Phase II MS4s Annual

3/10/2021 @9:00 a.m.

Baldwin County Central Annex-Robertsdale, AL

### Meeting Minutes

- 1) ALDOT Update-Jason and Evan gave an update on ALDOT's program. They discussed the following items: Please add additional information.
  - a. Education outreach & public participation
  - b. Facility compliance
  - c. State road maintenance
  - d. Trash monuments
  - e. ALDOT's litter removal, & Adopt-a-Mile Programs
  - f. Hazmat cleanup program
- 2) Fairhope Update-Kim and Christina discussed the following items: Please add additional information.
  - a. Fairhope's Stormwater Management Program Plan (SWMPP) update
  - b. Alabama Water Watch water quality monitoring (Fly Creek Watershed, 3 locations)
  - c. Fairhope High School's Marine Club community clean-up projects
  - d. Fairhope's post construction requirements and education outreach flyer
  - e. Even though Earth Day was cancelled Fairhope is having a paper shred / recycling event at the pier on April 17<sup>th</sup> 10-2 p.m. Baldwin County residents are welcomed.
- 3) Spanish Fort Update-Casey stated he was preparing to update Spanish Fort's SWMPP and include the City's new Clean Water Ordinance requirements. Please add additional information.
- 4) Daphne Update-Tim and Cody discussed Daphne's program. Please add additional information.
- 5) Baldwin County Update-Ashley discussed the following items:
  - a. Household Hazardous Waste Amnesty Day-ESMS4 Participation-October 2021-Ashley informed the group that the amnesty day was for all Baldwin County residents including the ones that live within a municipal boundary. The ES MS4's can advertise the County amnesty days for their citizens. At this time, there will be no cost with the event. This year's amnesty day will be held in October and household hazardous waste can be dropped off at all four county locations. Ashley agreed to send additional information as soon as it is available.
    - i. Magnolia Landfill-Summerdale
    - ii. MacBride Landfill-Loxley
    - iii. Bay Minette Transfer Station-Bay Minette
    - iv. Eastfork Landfill-Elberta
  - b. Baldwin County Environmental Advisory Board (EAB)-Revival, 15 Members-Ashley mentioned that the County Commission will be reviving the EAB. The mission of the EAB is to provide policy advice on environmental matters to the Baldwin County Commission, provide public information about environmental matters by way of news articles, speeches and presentations, educational seminars, etc., and study such



environmental issues as may be suggested by the County Commission, Board members, County staff, and the public.

- c. Baldwin County Strategic Plan Goal Water Quality Monitoring Program-Ashley mentioned that the County would be asking the EAB to assist in the development of a countywide water quality program. Ashley will be contacting each municipality regarding any existing water quality monitoring sites and data.

6) Discuss updates to the NPDES MS4 Phase II Permit

- a. 2021 Due Dates-Compliance Period Ends March 31<sup>st</sup>-Annual Report due on May 31<sup>st</sup>.
- b. Permit Renewal application due July 2<sup>nd</sup>.
- c. The updates to the permit were discussed. The most significant update was the new requirements for every other month inspections of all qualifying construction sites.

7) Coastal Alabama Stormwater Team (CAST)-Create a Clean Water Future (CWF) Education Outreach Campaign

- a. Website Update-Ashley mentioned that volunteers were needed to update the website.
- b. The group discussed the next potential CWF video that would address Minimum Control Measure 2, Illicit Discharge Detection and Elimination (IDDE) and MCM 5 Good housekeeping.
- c. Litter Discussion-The following programs were discussed:
  - i. Roundup/Rodeo
  - ii. MBNEP CWF-Trash Blows Campaign

8) The following Education Outreach Opportunities were discussed:

- a. Master Environmental Education (MEE)
- b. Alabama Water Watch
- c. MBNEP Meetings PIC, CAC, SAC
- d. Coastal Kids Quiz, Water Festival, Earth Day-Woods & Water-Jubilee Festival...Watershed Wagon
- e. Rain Garden Workshop
- f. Baldwin County Soil and Water Conservation District Training-Virtual Coastal Construction Stormwater Management Workshops

Attendees:

ALDOT- Jason Shaw & Evan Davis  
Baldwin County-Ashley Campbell  
Daphne-Cody Ledet & Tim White  
Fairhope-Christina Lejeune & Kim Burmeister  
Spanish Fort-Casey Rains



3/10/21

ES MS4 Meeting

9:00am

Name:

Signature:

Representing:

Ashley Campbell  
Cody Ledet

Ashley Campbell  
S J Leake

Baldwin County  
City of Daphne

Tim White

Z White

City of Daphne

Christina LeJeune

Chris Le

City of Fairhope  
COR

Kim Burmeister

Kim Burmeister

City of Spanish Fort

Casey Rains

Casey Rains

Jason Shaw

Jason Shaw

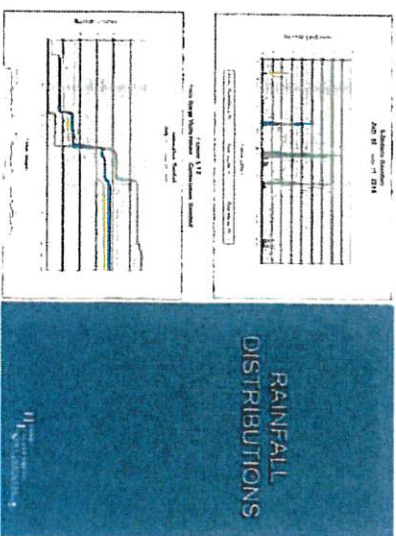
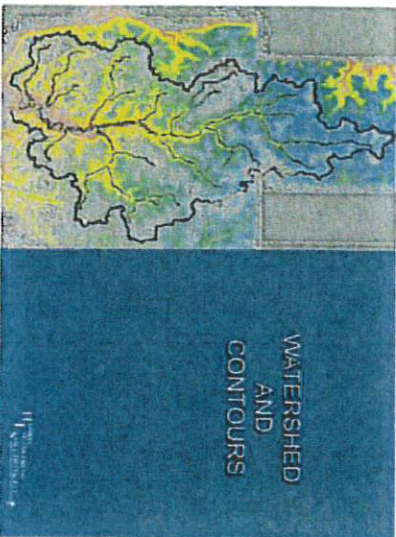
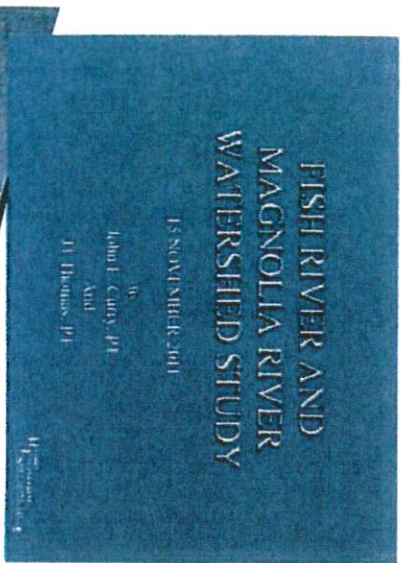
ALDOT

Evan Davis

E.D.

ALDOT

# Local Partnerships





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DECEMBER 22, 2020 BY **ADMIN**

# Public Notice – January 2021 Meetings

## PUBLIC NOTICE

### Eastern Shore Metropolitan Planning Organization

#### **POLICY BOARD WORK SESSION AND REGULAR MEETING, TECHNICAL ADVISORY COMMITTEE (TAC) MEETING, CITIZENS ADVISORY COMMITTEE (CAC) MEETING, AND BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE (BPAC) MEETING**

The Eastern Shore Metropolitan Planning Organization (MPO) Policy Board will meet for a Work Session on Wednesday, January 13, 2021 at 10:00 AM at the Baldwin County Satellite Courthouse at 1100 Fairhope Avenue, Fairhope, AL 36532.

The Bicycle and Pedestrian Advisory Committee will meet on Tuesday, January 19, 2021 at 9:00 AM at the Baldwin County Satellite Courthouse at 1100 Fairhope Avenue, Fairhope, AL 36532.

The Eastern Shore Metropolitan Planning Organization (ESMPO) has prepared a Draft Amendment to the 2045 Long Range Transportation Plan (LRTP) regarding the Mobile River Bridge and Bayway Project and is seeking input from members of the public on the proposed Amendment.

The Draft Amendment will be available for public comment from May 12, 2021 - May 26, 2021. The document may be viewed on the Eastern Shore MPO website ([easternshorempo.org](http://easternshorempo.org)). Printed copies are available upon request by contacting ESMPO staff at (251) 990-4643 or [sharty@baldwincountyal.gov](mailto:sharty@baldwincountyal.gov).

The ESMPO will host a public meeting to receive comments on the Draft Amendment.

Public Meeting  
Baldwin County (Fairhope) Satellite Courthouse, Commission Chambers  
May 19, 2021; 2:30 PM - 7:30 PM

The ESMPO Dedicates Resources to Efforts to Address the Amendment at a Special Call to Action

May 3, 2021 By [admin](#)

PUBLIC NOTICE The Eastern Shore Metropolitan Planning Organization (ESMPO) has prepared a Draft Amendment to the 2045 Long Range Transportation Plan (LRTP) regarding the Mobile River Bridge and Bayway Project and is seeking input from members of the public on the proposed Amendment. The Draft Amendment will be available for public comment from May 12, [...]

## Public Notice – April 2021 Meetings

March 31, 2021 By [admin](#)

PUBLIC NOTICE Eastern Shore Metropolitan Planning Organization POLICY BOARD WORK SESSION AND REGULAR MEETING, TECHNICAL ADVISORY COMMITTEE (TAC) MEETING, CITIZENS ADVISORY COMMITTEE (CAC) MEETING, AND BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE (BPAC) MEETING The Eastern Shore Metropolitan Planning Organization (MPO) Policy Board will meet for a Work Session on Wednesday, April 14, 2021 at 10:00 AM [...]

## Public Notice – January 2021 Meetings

December 22, 2020 By [admin](#)

PUBLIC NOTICE Eastern Shore Metropolitan Planning Organization POLICY BOARD WORK SESSION AND REGULAR MEETING, TECHNICAL ADVISORY COMMITTEE (TAC) MEETING, CITIZENS ADVISORY COMMITTEE (CAC)

MEETING, AND BICYCLE AND  
PEDESTRIAN ADVISORY COMMITTEE  
(BPAC) MEETING The Eastern Shore  
Metropolitan Planning Organization  
(MPO) Policy Board will meet for a Work  
Session on Wednesday, January 13,  
2021 at 10:00 AM [...]

### **Public Notice – Request for Public Comments Regarding Draft 2045 LRTP**

December 2, 2020 By [admin](#)  
PUBLIC NOTICE Eastern Shore  
Metropolitan Planning Organization  
REQUEST FOR PUBLIC COMMENTS  
REGARDING DRAFT 2045 LONG RANGE  
TRANSPORTATION PLAN (LRTP) The  
Eastern Shore Metropolitan Planning  
Organization (ESMPO) has prepared the  
Draft 2045 LRTP for review by the MPO  
Policy Board and Advisory Committees  
in January 2021. The Draft 2045 LRTP  
will be available for review at [...]

### **Public Notice – November 2020 Special Called Work Sessions**

November 9, 2020 By [admin](#)  
PUBLIC NOTICE Eastern Shore  
Metropolitan Planning Organization  
TECHNICAL ADVISORY COMMITTEE  
(TAC) SPECIAL CALLED WORK SESSION  
AND POLICY BOARD SPECIAL CALLED  
WORK SESSION The Eastern Shore  
Metropolitan Planning Organization  
(MPO) Technical Advisory Committee  
(TAC) will meet for a Special Called  
Work Session on Wednesday,  
November 4, 2020 at 10:00 AM at the  
Baldwin County Satellite Courthouse  
[...]

### **Public Notice – Meeting Cancellation**



September 23, 2020 By [admin](#)

PUBLIC NOTICE MEETING

CANCELLATION Eastern Shore

Metropolitan Planning Organization

TECHNICAL ADVISORY COMMITTEE

SPECIAL CALLED WORK SESSION AND

POLICY BOARD SPECIAL CALLED WORK

SESSION Due to Hurricane Sally, the

following Eastern Shore Metropolitan

Planning Organization (MPO) Special

Called Work Sessions have been

cancelled and will be rescheduled at a

later date: • Technical Advisory

Committee Special [...]

### **Public Notice – Reschedule of Special Called Technical Advisory Committee (TAC) Work Session**

September 14, 2020 By [admin](#)

PUBLIC NOTICE MEETING

RESCHEDULED Eastern Shore

Metropolitan Planning Organization

TECHNICAL ADVISORY COMMITTEE

SPECIAL CALLED WORK SESSION Due to

the impending inclement weather, the

Eastern Shore Metropolitan Planning

Organization (MPO) Technical Advisory

Committee (TAC) Special Called Work

Session scheduled for Wednesday,

September 16, 2020 at 10:00 AM in the

Commission Conference Room at the

Baldwin County [...]

### **Public Notice – Reschedule of Special Called Technical Advisory Committee (TAC) Work Session**

September 8, 2020 By [admin](#)

PUBLIC NOTICE MEETING

RESCHEDULED Eastern Shore

Metropolitan Planning Organization

TECHNICAL ADVISORY COMMITTEE

SPECIAL CALLED WORK SESSION The

Eastern Shore Metropolitan Planning

Organization (MPO) Technical Advisory Committee (TAC) Special Called Work Session scheduled for Wednesday, September 9, 2020 at 10:00 AM in the Commission Conference Room at the Baldwin County Satellite Courthouse at 1100 Fairhope Avenue, [...]

## CONTACT US:

Address:  
Baldwin County Satellite  
Courthouse  
1100 Fairhope Ave  
Fairhope, AL 36532

Phone:  
(251) 990-4640

Email:  
coordinator@easternshore  
mpo.org

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[License Plate Application](#)

### Livable Communities Coalition

The Coastal Alabama Livable Communities Coalition promotes bicycle safety to the public and law enforcement. If you are interested in joining the Coalition, please click here.

## Calendar of Events

**May 1:** Osprey Outlook monthly newsletter released and sea turtle nesting season begins!

**May 13:** Winners announced for the final round of Coastal Kids Quiz!

**May 26:** Connect to Your Coast Mobile free outreach event at Serda Brewing.

**May 28:** Free Flashlight Friday Membership Incentives: (\$40) Individual and (\$100) Family.

**June 17:** Connect to Your Coast Huntsville free outreach event at Yellowhammer Brewing.

**July 29:** South Alabama Nonprofit Summit.

Since 1993, the Alabama Coastal Foundation (ACF) has worked to promote a culture where environmental decisions are based on an accurate understanding of the underlying science, the dissemination of factual information, and the engagement of government, industry and citizens to find solutions to Alabama's coastal environmental

ACF makes it easy for you to connect to your coast! Keep up to date on events and opportunities to improve and protect Alabama's precious coastal environment.



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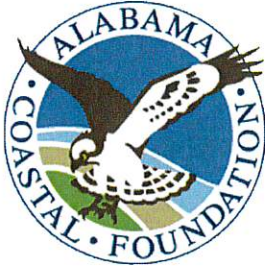
All ACF programs exist through the generous support of our members and donors. If you have questions, comments, or concerns about our organization, please let us know!



Telephone: 251-990-6002  
Email: [info@joinACF.org](mailto:info@joinACF.org)



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## Partnerships

We are dedicated to partnering with businesses, governments, and other non-profits to maximize our results. Here are just a few of our partners:

### Non-Profit Groups and Governmental Agencies

- AARP of Alabama
- Alabama Coastal Heritage Trust
- Alabama Cooperative Extension Service
- Alabama Department of Conservation & Natural Resources
- Alabama Department of Enviro. Management
- Alabama Marine Mammal Sighting Network
- Alabama River Alliance & Partner Organizations including Cahaba Riverkeeper, Coosa Riverkeeper, Black Warrior Riverkeeper, & Friends of Locust Fork River.
- Alabama Water Watch
- AmeriCorps VISTA
- Back Country Trail
- Baldwin County Trailblazers
- Boat People SOS
- Boy Scouts of America
- City Governments: Bayou La Batre, Daphne, Dauphin Island, Fairhope, Foley, Gulf Shores, Magnolia Springs, Mobile, Orange Beach, Prichard, & Spanish Fort
- Coastal Alabama Partnership
- Coastal Conservation Association of Alabama
- Coastal Land Trust
- Conservation Alabama
- **County Governments: Mobile and Baldwin**
- Delta Bike Project

### Business, Industry, and Higher Education

- A & M Peanut Shop
- Accents For Windows
- Adams IP
- Aerostar
- Alabama Gulf Seafood
- Allen, Allen & Foster
- American Sign & Advertising Company
- Bay Gourmet Catering Company
- Bay Radiology
- Bender Realty
- Bluegill Restaurant
- Bon Secour Fisheries
- Burns, Cunningham & Mackey
- Cabo Coastal Cantina
- Catherine Hall Designs
- Cooper Restaurants/Felix's Fish Camp
- Crowder Gulf
- Easter Shore Cycle
- EcoSolutions
- Ed's Seafood Shed
- Daphne Family Practice
- Georgia Roussos Catering
- Goodwyn Mills Cawood
- Gulf Adventure Center
- Gulf Chrysler
- Gwin's Printing
- Hand Arendall
- Hargrove Engineers
- Higher Ed: Auburn University; Columbia Southern University; Spring Hill College; University of Birmingham in Alabama; University of Alabama; & University of South Alabama



- Dauphin Island Sea Lab
- Dog River Clearwater Revival
- Downtown Mobile Alliance
- Environmental Education Association of Alabama
- Environmental Law Institute
- Friends of Bon Secour National Wildlife Refuge
- Friends of the Mobile Tensaw Delta
- Girl Scouts of the USA
- Islands of Perdido Foundation
- Keep Mobile Beautiful
- League of Women's Voters
- Legacy, Partners for Environmental Education
- Mississippi-Alabama Sea Grant Consortium
- Mobilians on Bikes
- Mobile Bay Audubon Society
- Mobile Bay National Estuary Program
- Mobile Bay Sierra Club
- Mobile Baykeeper
- Mobile Botanical Gardens
- Mobile Co. Wildlife & Conservation Association
- National Fish and Wildlife Foundation
- Ocean Conservancy
- Ocean Foundation
- Partners for Environmental Progress
- Project CATE Foundation
- Team Share the Road
- The Good Life Foundation
- The Nature Conservancy
- U.S. Fish and Wildlife Service
- U.S. Green Building Council
- Weeks Bay Foundation
- Weeks Bay Research Reserve
- Wolf Bay Watershed Watch
- Youth Leadership Mobile
- Holcim, Inc.
- Laps on the Causeway
- Logical Computer Solutions
- Louis Berger Group
- Maynard Cooper and Gale
- McCarron Insurance
- Naman's Catering
- Panini Pete's
- Pro Cycle and Triathlon
- Regions Bank
- Schlinkert Sports Associates
- Sun Plans
- Thames Batre
- The Hampton Inn- Fairhope
- The Hangout
- The Lighthouse Restaurant
- Thompson Engineering
- Tonsmeire Properties
- Utilities: Alabama Power Company; Baldwin County Sewer; Daphne Utilities; Mobile Alabama Water and Sewage Systems; Mobile Gas; & Riviera Utilities
- Watershed
- White-Spunner Construction
- World Omni Financial Corporation

Since 1993, the Alabama Coastal Foundation (ACF) has worked to promote a culture where environmental decisions are based on an accurate understanding of the underlying science, the dissemination of factual information, and the engagement of government, industry and citizens to find solutions to Alabama's coastal environmental challenges. We bring that vision into reality through our *inclusive environmental stewardship* approach.

ACF makes it easy for you to connect to your coast! Keep up to date on events and opportunities to improve and protect Alabama's precious coastal environment.



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All ACF programs exist through the generous support of our members and donors. If you have questions, comments, or concerns about our organization, please let us know!



Telephone: 251-990-6002  
Email: [info@joinACF.org](mailto:info@joinACF.org)





WOLF BAY  
WATERSHED  
WATCH

# WOLF BAY WATERSHED 2021 ANNUAL MEETING

February 6, 2021 10:00 AM  
Graham Creek Interpretive Center

Welcome  
2020 Meeting Minutes  
Financial Report  
Stan Mahoney Fishing Tournament

Wolf Bay Watershed Plan  
(Paige Felts)  
Gulf Coast Center Ecotourism Programs  
(Jacqueline McGonigal)  
Water Quality Monitoring  
(Leslie Gahagan)  
Agricultural Education Area  
(Angie Eckman)

2021 Board Nominations  
3 Vacancies  
Re-Election—Joanne Cox, Phillip Hinselsey, Rick Odess,  
James Wallace  
Questions & Comments



## Wolf Bay Watershed Watch Board of Directors Meeting

March 16, 2021

Attendees: Leslie Gahagan, Jacqueline McGonigal, Angie Eckman, Weesie Jeffords, Brett Gaar,  
Adam Crandall, Robert Davis, Phillip Hinesley, Sylvia Womack, Joanne Cox

I. Leslie welcomed new board members Weesie Jeffords and Angie Eckman.

II. Minutes for January 2021: Robert motioned to approve, Phillip seconded, motion passed.

III. Financial Report: Rick sent in the numbers.	Bank Account	\$ 20,306
	Investments	\$ 88,503
	Total	\$108,809

Sylvia reported a \$120 deposit, \$13 to the credit card, and \$ 43.77 for Annual meeting costs.

### IV. Committee Reports

a. Education Jo, Jacquie and Leslie are reviewing applicants for our scholarships based on criteria such as GPA, ACT scores, extracurricular activities, and field of study. It is unclear if there will be interviews due to Covid-19 restrictions. Tracking down former scholarship recipients for the Undergraduate award is also a difficult process as students do not tend to stay in contact. Katy Hines, however, will return as our Project Manager for the Wolf Creek Project and Nick Williams will return this summer as a full- time employee at the Nature Preserve. Angie noted that all the Summer Camps offered at the Center are now full, and the Greenhouse project is fully funded.

b. Membership The Ralph Hellmich family members are now lifetime members.

#### IV. Committee Reports

- c. Water Quality The Alabama Water Watch has been holding meetings and training sessions via remote communications due to the Covid-19 pandemic. Jacquie would like to move forward with the water monitoring training in our area. Leslie listed our sampling sites for 2 Watersheds.

**Wolf Bay Watershed:**

Graham Creek Nature Preserve  
Owens Creek at CO Rd 12  
Wolf Creek at Poplar St  
Wolf Creek at Doc McDuffie Rd.  
Wolf Creek Park Dock  
Wolf Creek at Cummings Dock  
Sandy Creek at Fernwood Drive  
Sandy Creek at CO Rd 20  
Mifflin Creek at Highway 98  
Mifflin Creek at CO Rd 20  
Hammock Creek at County Rd 20  
Hammock Creek at Fish Trap

**Bon Secour River Watershed:**

County Rd 12 East of 59  
Highway 59 South of CO Rd 12  
County Rd 12 at Bon Secour River  
County Rd 65 at Turkey Branch

#### V. Old Business

- a. Annual Meeting Over all good review.
- b. Fishing Tournament Date will be October 2, or 9. We will now pursue the Pirates Cove location in Josephine and Leslie will set up meetings with authorizing parties.
- c. Paddle the Gulf - Phillip distributed fliers for hosting an event and promoting the Center.

#### VI. New Business

- a. Officer Elections: Robert moved to retain the expiring term officers, seconded by Phillip with all in favor. President- Leslie Gahagan, Vice President- Brett Gaar, Secretary- Joanne Cox, Comptroller- Rick Odess, Disbursing Officer- Sylvia Womack
- b. Citizen Complaints: Leslie made us aware of several complaint calls from residents in the area to the Nature Center regarding water quality issues caused by development. These are county issues, and will be referred. 2.

## VI. New Business

### c. Other Discussions

- i. Leslie announced a reinstatement of the Baldwin County Environmental Advisory Board with 4 representatives from Wolf Bay: Brett, Robert, Leslie, and Phillip.
- ii. Baldwin County is paving dirt roads that access busy trafficked areas. Weesie said the Alabama PALS Board is promoting their Adopt a Mile Program, and in April will run their "Spring Cleanup". Leslie is researching for 10 new signs to mark the Wolf Bay Watershed.

## VII. Adjournment Robert moved to adjourn.



# Wolf Bay Watershed Watch Board of Directors Meeting

## January 19, 2021

Attendees: James Wallace, Brett Gaar, Rick Odess, Leslie Gahagan, Sylvia Womack,  
Ann Crawford, Jo Helmich, Weesie Jeffords, Phillip Hinesley,  
Jacqueline McGonigal, Joanne Cox

I. Minutes Rick moved to accept the minutes from November 2020, seconded by Sylvia.

II. Financial Report Rick reported

Bank Account	\$20,603
Investment Account	\$87,764
Total	\$108,367

Sylvia reported no disbursements and explained a stop payment deposit issue.

### III. Committee Reports

a. Education Jo has heard nothing from the Scholarship Foundation regarding 2021.  
Sylvia asked for an update on our prior scholarship winners.

b. Water Quality Jacquie announced a meeting for Water Monitor Training to take place online February 12, with a workshop focusing on how to analyze data. Leslie displayed a graph depicting 20 years of data collected at the intersection of Wolf Bay and Wolf Creek. We now have monitoring at Soldier Creek, Stone Quarry, Sandy Creek bridge, Graham Creek boat launch, and Wolf Creek. There will be a list of identified sites available for prospective monitoring.

Leslie received a complaint regarding a raw sewage leak at the former Wolf Bay Lodge site where recent utility work had been done. This had not yet been reported to ADEM, however Leslie is following up on it.

Sandy Creek has been incising for a long time, with log jams, downed trees, and a white fungus south of CR 98. This is a project area to look at for restoration in the future. Brett added that ALDOT needs to be informed.

c. Membership There will be a set up for signing on at the Annual Meeting February 6.

#### IV. Old Business

##### a. Annual Meeting Scheduled for February 6, 2021 at 10 A.M.

- i. Speakers Paige Felts, Project Manager at Volkert Engineering, will be giving us the highlights and status of the Management Plan.

Tony Sharkley will discuss the new Wolf Creek Wastewater Treatment Facility.

Jacquie will be reporting on local projects, Leslie will discuss watershed sampling, and Brett and Robert will address the issues affecting our Fishing Tournament.

Leslie will be inviting Baldwin County Commissioners and State Representative Steve McMillan. She will also send out a newsletter to the membership.

##### ii. Board Terms Nominations and election of Board Members

New member Weesie Jeffords introduced herself to the group as a bioengineer who works for the county. She reviews storm water reports, is aware of what can and can not be done, and has experience working with ALDOT. With her background, she would be an asset as a Board Member.

#### V. New Business

##### a. Board Vacancies We have three vacancies.

Leslie suggested that Graham Creek Park Preserve staff members Nick Williams and Angie Eckman be considered for Watershed Board membership based on their service and experience.

#### VII. Adjournment

Jacquie moved to adjourn the meeting, seconded by Ann.

## **Wolf Bay Watershed Watch Board of Directors Meeting**

**April 20, 2021**

Attendees James Wallace, Robert Davis, Angie Eckman, Ann Crawford, Phillip Hinesley, Brett Gaar,  
Weesie Jeffords, Jo Hellmich, Rick Odess, Sylvia Womack, Joanne Cox

- I. Minutes Rick moved to accept the March minutes, seconded by Robert and all were in favor.
- II. Financial Report Rick reported \$90,072 in investments, bank account is \$20,500.
- III. Committee Reports
  - a. Education- Scholarships Jo stated that the two young men chosen to receive scholarships this year are exceptional students. Jeremiah Battaglia seeks a Civil Engineering Degree while Jordan Booth will study Marine Biology. Rick made a motion to offer \$6000 total to be split between them. Ann seconded the motion and the vote was unanimously in favor. Scholarships will be awarded on May 12 and 13.
  - b. Water Quality Training for water monitors is on hold. Our chemical supplier is unreliable.
  - c. Membership Weesie, Ann, Angie and Sylvia will organize a Membership Committee to find more effective methods for reaching the public. Weesie recommends using Youtube, Facebook, Festivals and Farmer's Markets to increase awareness and enlist young folks. Sylvia suggested using our emblem T shirts to advertise and Angie will get sizes needed. The quarterly newsletter can be circulated at schools and 4 H meetings. Ann says the Website needs updating and she is unable to get into the program. Weesie spoke about "Network for Good", a fundraiser for non-profit organizations. She and Leslie together raised \$295 on a Facebook "Fund Me" type program for the WBWW.
- IV. Old Business Fishing Tournament Dates considered are the 2<sup>nd</sup> and 3<sup>rd</sup> Saturday of October. Rick, Robert, and Brett are coordinating and must decide on location by May. Barber Marina is the primary target, Pirates Cove is the backup. Robert says to move forward as if all sponsorships are a "go". There will be no boat raffle this year.
- V. Closing Sylvia motioned to adjourn, Weesie seconded, and the motion carried.



# **Educational Outreach - Fort Morgan**

## Terri L. Graham

---

**From:** Clayton Blackwell <clayton@hsdesignhouse.com>  
**Sent:** Friday, June 19, 2020 8:41 AM  
**To:** Joseph Emerson  
**Cc:** Mark Berte; Terri L. Graham; Sara Johnson; Michael Ludvigsen; deboharbin@yahoo.com; Allison M. Owens  
**Subject:** Re: Fort Morgan Signs Delivered!

This message has originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Good morning all, here are the updated #s for the social media campaign for the month of June and also for the life of the campaign. I highlighted the reach and impressions, because while the clicks to the website are great (and important), the reach is how many people have seen the ad, and the impressions are the number of times the ad was shown to the audience. The **frequency** (average # of times the ad was shown to each person) for June is about 2.5 which is a good # considering we want people to see the message a few times while they are here.

### June (1 - 19):

Clicks to Website: 572

**Reach: 21,934**

**Impressions: 54,790**

Amount Spent: \$521

Cost Per Click: \$0.91

### Life of Campaign:

Clicks to Website: 1,167

**Reach: 30,830**

**Impressions: 89,505**

Avg CPC: \$0.74



**Fort Morgan Civic Association**

Written by Clay Blackwell [?] · May 20 at 1:24 PM · 🌐

Enjoy the beach and keep it clean!

- 1.) Put all trash in containers provided ✅
- 2.) Fill in holes before you leave the beach ✅
- 3.) Take ALL items with you when you leave ✅

Trash, items left overnight and deep holes pose a danger to humans and wildlife conservation efforts. It's more important than you might think! 💚



FORTMORGANCIVIC.ORG

**Clean Beaches = Better Beaches**

Welcome to the beach! We hope you enjoy your time...

[Learn More](#)

👍❤️👏 658

109 Comments 130 Shares

👍 Like

💬 Comment

➦ Share



Clayton Blackwell  
High Seas Design House  
Office: (251) 517-0330  
Cell: (251) 923-9206  
[HSDesignHouse.com](http://HSDesignHouse.com)

On Jun 19, 2020, at 8:16 AM, Joseph Emerson <[captjoesells@gmail.com](mailto:captjoesells@gmail.com)> wrote:



## Terri L. Graham

---

**From:** Mark Berte <mberte@joinacf.org>  
**Sent:** Thursday, June 18, 2020 7:47 PM  
**To:** Joseph Emerson; Terri L. Graham; Clayton Blackwell; Sara Johnson; Michael Ludvigsen; deboharbin@yahoo.com; Allison M. Owens  
**Subject:** Fort Morgan Signs Delivered!  
**Attachments:** Surfside Carts 06172020.jpg; Our Road Carts.jpg; Surfside Signage 06172020.jpg; Fire Station 2 Signage.jpg

This message has originated from an **External Source**. Please use proper judgment and caution when opening attachments, clicking links, or responding to this email.

Good evening everyone,

I was in Fort Morgan yesterday and was able to install the signage at our two pilot projects in Surfside Shores and Our Road!

I am attaching some photos of those and, when I was there, I also put a sign at Fire station #2 by the recycling area after I got approval from Michael.

Both Roger and Anne were very appreciative of the carts and asked for continued help educating the public that they exist.

Clayton: Can you give any updates regarding social media outreach?

I know we said earlier that we should set up a project partner meeting by the end of the month to check in. Would next Thursday work for everyone? If so, we can use ACF's virtual meeting platform again so someone name the best time (or different day) to do that.

Best,  
Mark

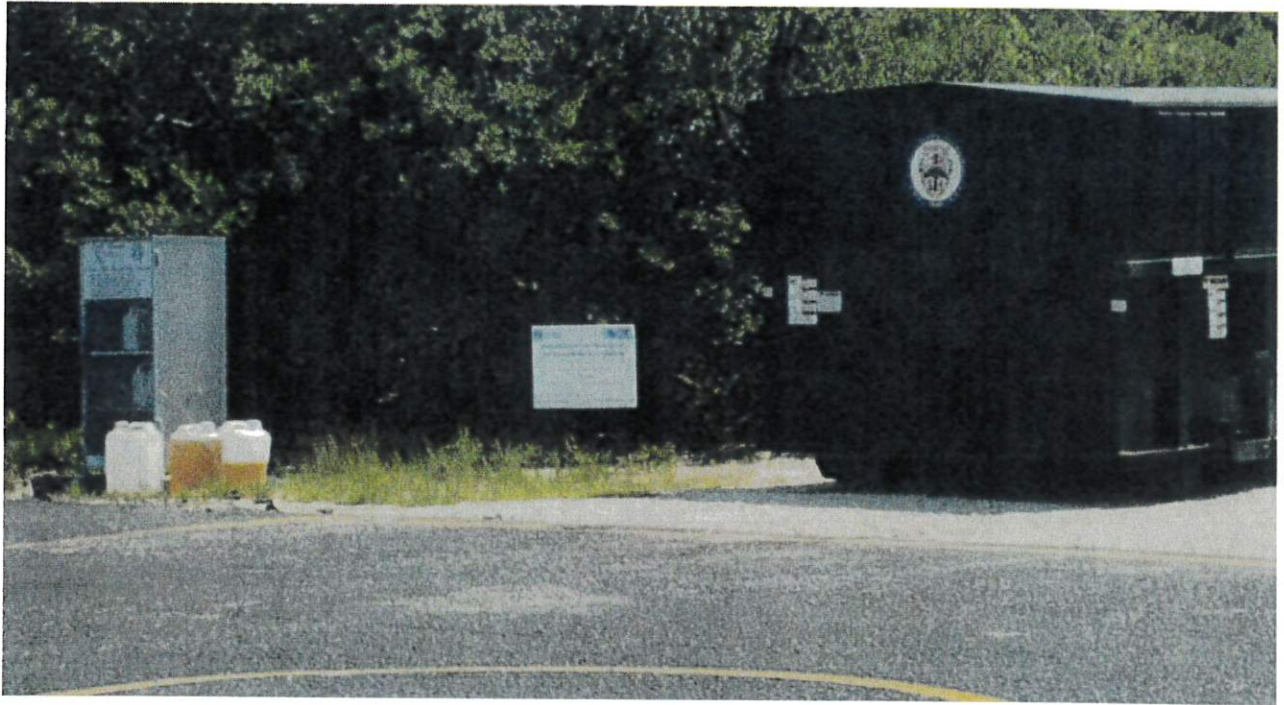
---

Mark Berte, Executive Director  
Alabama Coastal Foundation  
250 Conti Street, 2nd Floor  
PO Box 1073  
Mobile, AL 36633  
(251) 990-6002 Office  
(251) 402-3936 Cell  
mberte@joinACF.org  
<https://www.joinACF.org>

















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**Amber Ramsay**

**Sam St. John**

January 24, 2020

Surfside Shores Homeowner's Association  
965 West Beach Boulevard  
Gulf Shores, AL 36542

Dear Surfside Shores HoA members,

The Alabama Coastal Foundation (ACF) is a non-partisan, non-profit organization that has been in operation for over 26 years. ACF's mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation. Two years ago, ACF became the new home of Share the Beach, Alabama's sea turtle conservation program and we have enjoyed working with the residents of Fort Morgan on that effort!

For the past few months, we have been at the table meeting with representatives from the Fort Morgan Civic Association, local businesses, and Baldwin County's Solid Waste Department to discuss ways we can improve our local trash issues that are influenced greatly by the people to visit our beautiful coastline. We are focusing our attention on voluntary efforts and are setting up two pilot projects this spring with the hope of modifying and expanding the geographic reach in 2021.

To that end, we are contacting you to invite the Surfside Shores Homeowner's Association to be a part of the pilot that would begin March 1<sup>st</sup>. If you would like to participate, you would need to commit to the following three items:

1. Organize volunteers to collect trash along the beach in front of your Association, put that trash in two yellow carts--which Baldwin County will provide--that will be collected three times a week through Labor Day Weekend, and monitor those carts to make sure they do not overflow.
2. Educate homeowners, management companies, renters, any contractors, and the public in a positive way that you are participating in this effort.
3. Use social media to encourage people to keep the area clean.

I look forward to speaking with you about your potential participation in this exciting effort to make the Alabama coastline a better place both for our people and sea turtles! If you have any questions, please do not hesitate to let me know.

Sincerely,

Mark Berte, Executive Director  
Alabama Coastal Foundation  
[mberte@joinACF.org](mailto:mberte@joinACF.org)



February 14, 2020



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**Sam St. John**

Erik Alford  
C/O Ecological Solutions  
603 Colonial Park Dr STE 200  
Roswell, GA 30075-3761

Dear Eric,

The Alabama Coastal Foundation (ACF) is a non-partisan, non-profit organization that has been in operation for over 26 years. ACF's mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation. Two years ago, ACF became the new home of Share the Beach, Alabama's sea turtle conservation program and we have enjoyed working with the residents of Fort Morgan on that effort!

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To that end, we are contacting every property owner on Our Road to invite you to be a part of the pilot that would begin in March. If you would like to participate, you would need to commit to the following three items:

1. Work with your fellow property owners to ensure that trash is collected along the beach in front of Our Road, put that trash in two yellow carts--which Baldwin County will provide--that will be collected three times a week through Labor Day Weekend, and monitor those carts to make sure they do not overflow.
2. Educate your management companies, renters, any contractors, and the public in a positive way that you are participating in this effort.
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Sincerely,

Mark Berte, Executive Director  
Alabama Coastal Foundation  
[mberte@joinACF.org](mailto:mberte@joinACF.org)  
(251) 990-6002







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February 14, 2020

Michael & Linda Kehart  
93 Allen Bend Dr  
Decatur, IL 62521

Dear Michael & Linda,

The Alabama Coastal Foundation (ACF) is a non-partisan, non-profit organization that has been in operation for over 26 years. ACF's mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation. Two years ago, ACF became the new home of Share the Beach, Alabama's sea turtle conservation program and we have enjoyed working with the residents of Fort Morgan on that effort!

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Sincerely,

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[mberte@joinACF.org](mailto:mberte@joinACF.org)  
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**Amber Ramsay**

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February 14, 2020

William & Mary Ellen Capps  
1449 Pavillion Dr  
Birmingham, AL 35226

Dear William & Mary Ellen,

The Alabama Coastal Foundation (ACF) is a non-partisan, non-profit organization that has been in operation for over 26 years. ACF's mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation. Two years ago, ACF became the new home of Share the Beach, Alabama's sea turtle conservation program and we have enjoyed working with the residents of Fort Morgan on that effort!

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[mberte@joinACF.org](mailto:mberte@joinACF.org)  
(251) 990-6002





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**Katie McCarter**

**Amber Ramsay**

**Sam St. John**

February 14, 2020

Gail Ellerbrake & Anne Briggs  
555 Our Road  
Gulf Shores, AL 36542

Dear Gail & Anne,

The Alabama Coastal Foundation (ACF) is a non-partisan, non-profit organization that has been in operation for over 26 years. ACF's mission is to improve and protect Alabama's coastal environment through cooperation, education, and participation. Two years ago, ACF became the new home of Share the Beach, Alabama's sea turtle conservation program and we have enjoyed working with the residents of Fort Morgan on that effort!

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Sincerely,

Mark Berte, Executive Director  
Alabama Coastal Foundation  
[mberte@joinACF.org](mailto:mberte@joinACF.org)  
(251) 990-6002





- ♦ **Materials Management:** Protect stockpiles of soil and paving materials from wind and water erosion. Have a spill prevention and control plan for hazardous materials such as fuel, paints, and solvents.

- ♦ **Seeding and Sodding:** Establish vegetative cover on disturbed areas to reduce erosion and provide soil stabilization.



- ♦ **Dust Control:** Control wind-borne particles during construction to minimize onsite and offsite damages and hazards.

- ♦ **Sediment Perimeter Protection:** Install silt fencing, straw rolls or a gravel bag barrier to prevent sediment discharges.



## ADDITIONAL RESOURCES:

- ♦ Baldwin County's Planning and Zoning Department Natural Resource Division:  
<http://www.planning.co.baldwin.al.us>

- ♦ The Alabama Department of Environmental Management (ADEM) offers information at its website.  
<http://www.adem.state.al.us>

- ♦ The Alabama Soil and Water Conservation Committee published the Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas. It is available at:  
[http://swcc.state.al.us/erosion\\_handbook.htm](http://swcc.state.al.us/erosion_handbook.htm)

- ♦ The Environmental Protection Agency's (EPA) website on the National Pollutant Discharge Elimination System (NPDES) provides information on erosion and sediment control during construction.  
<http://cfpub.epa.gov/npdes>

- ♦ International Stormwater Best Management Practices (BMP) Database:  
<http://www.bmptdatabase.org>



[www.planning.co.baldwin.al.us](http://www.planning.co.baldwin.al.us)  
Main Office  
312 Courthouse Square, Suite 18  
Bay Minette, AL 36507  
Phone (251) 580-1655  
Fax (251) 580-1656

## STORMWATER BEST MANAGEMENT PRACTICES (BMPs)



## A SUPPLEMENT FOR THE EROSION CONTROL ORDINANCE





## WETLAND FACTS

There are an estimated 300,000 acres of wetlands in Baldwin County. 260,000 acres are freshwater and 40,000 have saltwater influence.

In the southeast, 96% of the commercial catch and over 50% of the recreational seafood harvest are fish and shellfish that depend of the estuarine and coastal wetland system.

Wetlands provide habitats for many waterfowl game species and for endangered and threatened species, such as Alabama red-bellied turtles, wood storks, and bald eagles.



1 acre of wetlands can store 1,000,000 to 1,500,000 gallons of floodwater.

Nearly half of the wetlands in the U.S. are located in the southeast.

May is American Wetland Month.

February is World Wetlands Month.



## WETLAND RESOURCES

The internet is an excellent source of wetland information. Many agencies, such as the U.S. Army Corps of Engineers, the Environmental Protection Agency, the United States Geological Survey, local experts, colleges and universities, and a numerous non-profit organizations have countless resources on wetlands. You may also want to contact these agencies directly for specific questions.

Environmental Protection Agency (EPA)  
[www.epa.gov/owow/wetlands](http://www.epa.gov/owow/wetlands)

EPA Wetlands Hotline  
(800) 832-7828

U.S. Army Corps of Engineers  
[www.usace.army.mil/cw/gecawo/reg/rw-brw.htm](http://www.usace.army.mil/cw/gecawo/reg/rw-brw.htm)

U.S. Fish and Wildlife Service  
[www.fws.gov/nwi](http://www.fws.gov/nwi)

U.S. Geological Survey National Wetlands Resource Center  
[www.nwrc.usgs.gov](http://www.nwrc.usgs.gov)

AL Department of Environmental Management  
[www.adem.state.al.us/FieldOps/Coastal/Coastal.htm](http://www.adem.state.al.us/FieldOps/Coastal/Coastal.htm)

Baldwin County Zoning Ordinance - Article X Section 10.4-  
[www.planning.co.baldwin.al.us](http://www.planning.co.baldwin.al.us)

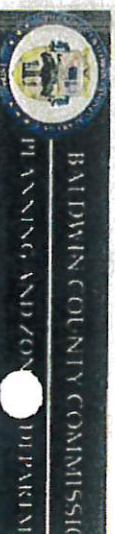
Baldwin County Subdivision Regulations - Article 5 Section 2.2-  
[www.planning.co.baldwin.al.us](http://www.planning.co.baldwin.al.us)

Baldwin County Planning and Zoning Department  
Natural Resource Division  
312 Courthouse Square, Suite 18  
Bay Minette, AL 36507  
Phone (251) 580-1655  
Fax (251) 580-1656  
[www.planning.co.baldwin.al.us](http://www.planning.co.baldwin.al.us)

## WETLANDS



## Frequently Asked Questions and Wetland Resources





## Community Rating System (CRS) Program

Baldwin County began its participation in the NFIP, Community Rating System Program in 1994. The CRS Program was developed by the Federal Insurance Administration to provide incentives for the NFIP communities to implement more stringent floodplain standards that the minimum NFIP requirements. The CRS rewards these efforts with discounts on flood insurance premiums.

Baldwin County has been successful in achieving the Class 6 rating, reducing flood insurance premiums by 20% resulting in a savings to the citizens of the unincorporated areas of Baldwin County. A 10% discount is provided for non-SFHAs. Instead of paying higher premiums, the money saved hopefully stays in the community.

As of 2011 Baldwin County had 9,783 flood insurance policies in force which estimates to \$2,126,335,400 respectively. Since inception into the NFIP, there have been 6,965 losses paid totaling approximately \$204,410,128.

For more information about flood insurance, property owners and potential buyers should contact their local insurance agent or call the toll-free information line for the National Flood Insurance Program at 1-800-427-4661.

### Baldwin County Commission

#### Community Rating System (CRS) Program

Administered by the

#### Baldwin County Planning & Zoning

##### Department

Foley Satellite Courthouse  
201 East Section Street  
Foley, Alabama 36535

Telephone: 251.972.8523  
Fax: 251.972.8520

[www.planning.co.baldwin.al.us](http://www.planning.co.baldwin.al.us)

Direct Contact:

[dhart@baldwincountyval.us](mailto:dhart@baldwincountyval.us)

*in conjunction with the*

#### Baldwin County Highway Department

22070 Highway 59

Robertsdale AL 36567

Telephone: 251.937.0278

#### Emergency Management Agency

23100 McAuliffe Drive

Robertsdale AL 36567

Telephone: 251.972.6807

#### Building Inspection Department

201 East Section Street

Foley, Alabama 36535

Telephone: 251.972.6837

For Additional Information visit FEMA's  
website at:

<http://www.fema.gov>

### Baldwin County Commission



**Don't Delay  
Buy Now!**

**FLOOD  
INSURANCE  
FOR  
FINANCIAL  
PROTECTION**

*For Real Estate Agents, Mortgage  
Companies, Insurance Agencies,  
Potential Buyers, Sellers, Property  
Owners and the General Public*

April 2015

## Programa Sistema de Clasificación de la comunidad (CRS)

Condado de Baldwin comenzó su participación en el NFIP, Programa Sistema de Clasificación de la Comunidad en 1994. El Programa de CRS fue desarrollado por la Administración Federal de Seguros. Para ofrecer incentivos para las comunidades NFIP a aplicar las normas de inundación más estrictas que los requisitos mínimos del NFIP. El CRS premia a estos esfuerzos con descuentos en las Pólizas de seguro contra inundaciones.

Condado de Baldwin ha tenido éxito en lograr la clasificación de Clase 6, reduciendo las Pólizas de seguros de inundación en un 20%, resultando en un ahorro para los ciudadanos de las áreas no incorporadas del condado de Baldwin. Se ofrece un descuento del 10% para los no SFHA. En lugar de pagar Pólizas más altas, el dinero ahorrado con suerte se queda en la comunidad.

A partir del 2011 el condado de Baldwin tenía 9,783 pólizas de seguro contra inundaciones en vigor que estima a 2126335400 EE.UU. dólares respectivamente. Desde su creación en el NFIP, se han producido 6,985 siniestros pagados por un total de aproximadamente \$ 204,410,128.

Para obtener más información sobre el seguro contra inundaciones, los propietarios y los compradores potenciales deben contactar a su agente de seguros local o llame a la línea de información gratuita para el Programa Nacional de Seguros contra Inundaciones al 1-800-427-4661.

## Comisión del Condado de Baldwin Programa Sistema de Clasificación de la comunidad (CRS)

Administrado por la  
Baldwin Departamento de Planificación y  
Zonificación del Condado  
Courthouse Foley Satellite  
201 East Sección Calle  
Foley, Alabama 36535  
Teléfono: 251.972.8523  
Fax: 251.972.8520  
[www.planning.co.baldwin.al.us](http://www.planning.co.baldwin.al.us)

Contacto Directo:  
[dhart@baldwincountynval.us](mailto:dhart@baldwincountynval.us)  
en conjunción con el  
Baldwin Condado Departamento de  
Carreteras

22070 Highway 59  
Robertsdale AL 36567  
Teléfono: 251.937.0278  
Agencia de Manejo de Emergencias  
23100 McAuliffe unidad  
Robertsdale AL 36567  
Teléfono: 251.972.6807

Edificio del Departamento de Inspección  
201 East Sección Calle  
Foley, Alabama 36535  
Teléfono: 251.972.6837  
Para información adicional visite el sitio  
web e [www.fema.gov](http://www.fema.gov) en:  
<http://www.fema.gov>



## Comisión del Condado de Baldwin

No Espere

Comprar Ahora!

SEGURO DE

INUNDACIÓN

PARA

PROTECCIÓN

FINANCIERA

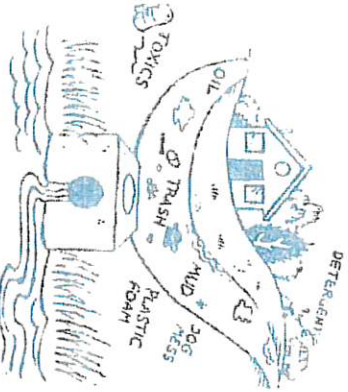
*Para los agentes inmobiliarios,  
compañías hipotecarias,  
agencias de seguros,  
potenciales compradores,  
vendedores, propietarios y el  
público en general*



## *What is the purpose of Stormwater Management?*

The local governments in our communities have programs for the prevention and control of nonpoint pollution caused by stormwater runoff. The goals of stormwater management programs are to:

1. Slow down water, decreasing its ability to cause erosion and carry pollutants.
2. Prevent pollution of our rivers, streams, and bays by promoting proper use and disposal of toxic chemicals, oil, and litter.
3. Reduce the amount of runoff by encouraging water to soak into the ground.



## *What is the Mobile-Baldwin Stormwater Consortium?*

The Mobile-Baldwin Stormwater Consortium was formed to coordinate, on a regional basis, the development of a stormwater management program. This program meets the requirements of the National Pollution Discharge Elimination System (NPDES) permit issued to the Consortium by the Alabama Department of Environmental Management.

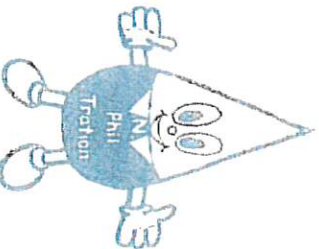
## *Local governments and agencies participating in the Mobile-Baldwin Stormwater Consortium include:*

Mobile	Chickasaw
Creola	Daphne
Saraland	Fairhope
Satsuna	Mobile County
Prichard	Baldwin County

Alabama Dept. of Environmental Management  
Alabama Department of Transportation  
South Alabama Regional Planning Commission

*For more information and/or to report violations contact:*  
*your building department, public works department, or city/county engineer.*

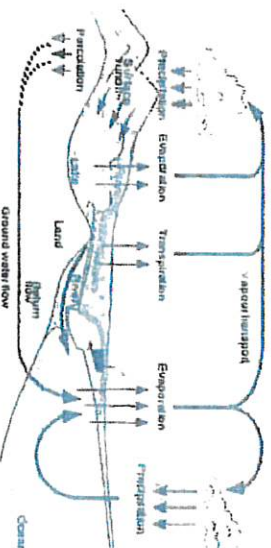
Alabama Dept. of Environmental Management,  
Mobile Field Office, 450-3400  
Baldwin County Commission, 937-0264  
City of Chickasaw, 452-6463  
City of Creola, 675-8142  
City of Daphne, 626-9000  
City of Fairhope, 928-2136  
City of Mobile, 434-7177  
City of Prichard, 457-3381  
City of Saraland, 675-5103  
City of Satsuna, 675-1440  
Mobile County Commission, 690-8620  
South Alabama Regional Planning Commission,  
433-6541



## *Mobile-Baldwin Stormwater Consortium*

### *What is Stormwater Pollution?*

Rain falling on an area results in both benefits and problems. The benefits are water, vegetation and area cleansing. The problem that when rain flows over streets and other surfaces, it picks up pollutants and carries them into the stormwater conveyance ("storm drain" system). The storm drain is designed to prevent flooding by transporting water away from urban areas. Unfortunately, this water, and all the contaminants it contains eventually flows to streams, lakes, and the ocean where we swim and fish. Once there, polluted runoff can harm wildlife and their habitats. In some cases, it can even cause beach closures or make fish and shellfish unsafe to eat. Since these pollutants are washed from a wide area and cannot be traced to a single source, they are called nonpoint source pollutants.



### *Some Causes for the Problem!*

Nonpoint source pollution comes from everyday activities, such as driving to work, cleaning with household chemicals, and applying fertilizer and pesticides to lawns and fields. These chemicals and fertilizers may be carried into our water bodies when it rains. Contaminated runoff may also filter through the soil and pollute the groundwater. Water entering storm drains is not treated in a sewage treatment plant.



## What is...*Create a Clean Water Future*?

*Create a Clean Water Future* is a public service campaign to help residents of Alabama learn more about stormwater runoff and its impacts; increase demand for stormwater management programs; and provide tools that empower Alabama residents to reduce polluted runoff in our waterways.

The *Create a Clean Water Future* campaign has three easy ways **you** can become part of the solution:

**Step up** – Install rain barrels at **your** home or office.

**Speak up** – Let **your** voice be heard with local officials, policymakers, and the media to make sure stormwater runoff is on the agenda. Tell your friends about the problem and how you are helping address it by installing your rain barrel.

**Follow up** – Make sure **your** local government is offering stormwater education outreach opportunities such as rain barrel workshops.

Join the campaign visit

[www.CleanWaterFuture.com](http://www.CleanWaterFuture.com)

This project is made possible by:



If you or someone you know is interested in owning a rain barrel please contact

Baldwin County Planning & Zoning Natural

Resource Planner

251-423-3632

[ashley.campbell@baldwincountyal.gov](mailto:ashley.campbell@baldwincountyal.gov)



Coastal Alabama receives five and a half feet of rain per year, which falls and runs across roofs, lawns, and driveways, picking up litter, fertilizer, pet waste, and chemicals along the way. Stormwater is not treated, and these contaminants are transported directly to local waterways. Installing a rain barrel is a practical way to reduce stormwater impacts. A one-inch rainfall over a 1,000 ft<sup>2</sup> roof yields 620 gallons of water; installing a rain barrel allows storage for future use and protects our natural resources.

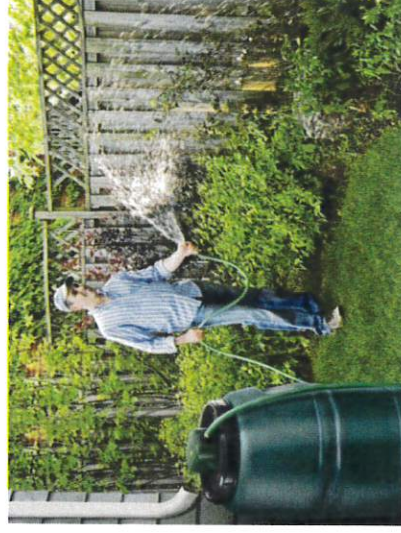


## What is a Rain Barrel?

A rain barrel is a system that collects and stores rainwater from your roof that would otherwise runoff into storm drains and streams. A rain barrel is typically made from a 55 gallon drum, a gutter down-spout, vinyl hose, PVC couplings, and a spigot. Rain barrels are simple, inexpensive and can sit under any gutter down spout.

## Benefits of Rain Barrels

- **Rain barrels provide a free water source** that can be used for watering gardens, washing cars, or bathing pets.
- Using water caught in a rain barrel to water flowerbeds and gardens can **reduce the cost of monthly water bills**.
- **Rain water is better for plants and soil** than tap water. Rainwater is free of salt, inorganic ions, and fluoride that accumulate in soil over time and harm plant roots. Using rainwater makes plants healthier and stronger.
- **Reduce runoff pollution.** When it rains, runoff picks up fertilizers, oil, pesticides and other contaminants and carries them into storm drains and streams. These pollutants can increase algae growth, alter the habitat for fish, and even make oceans dangerous for recreational activities. Collecting rain water helps prevent this damaging flow.



## How to Maintain Your Rain Barrels

**Tips to keep your rain barrels clean and functioning:**

- Start at the gutter that feeds your rain barrel—clean the gutter of leaves and debris. Rinse this gutter with a hose to be sure it is draining properly.
- Inspect the overall condition—look for cracks in the barrel, clogged spigots, or debris on the bottom.
- Cleaning: empty all water, use a mixture of vinegar and water to scrub the inside and bottom of the barrel with a long handled brush. Rinse out and let dry.

## Not for Consumption

Rain barrel water is not for human or pet consumption. As rain water flows over a roof, it picks up pollutants such as bacteria from animals and chemicals from roof materials.



Thank you for helping Create a Clean Water Future for generations to come!  
For more information visit  
[www.cleanwaterfuture.com](http://www.cleanwaterfuture.com)

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The Baldwin County Planning & Zoning Department was established in 1996 to oversee the County's growth management activities. This includes administration of the County's land development regulations and management and implementation of various community development and economic development policies and programs. In addition, the department provides staff support for the Baldwin County Planning and Zoning Commission and the various Boards of Adjustment in the zoned areas.

**Proposed Amendments to the Baldwin County  
Zoning Ordinance**

**Pertaining to Planning District 19**

[Planning District 19 - Proposed Amendments to Zoning Ordinance](#)

[Planning District 19 - Proposed Changes Only \(Planning Comm\)](#)

[PLANNING DISTRICT 19 PROPOSED ZONING MAP  
PD 19 Proposed Zoning Map with PC Recommended  
Changes](#)

[Full Zoning Ordinance](#)

**\*\* [Click Here for Zoning and Subdivision Applications](#) \*\***

**\*\*Due to increased fees by Mastercard and Visa, the convenience fee for this online service will be 3.65% starting April 1, 2020.\*\***

**Beginning November 2, 2020**

**New online system for:**

Land Use Certificate Applications

Land Disturbance Applications

Sign Applications

Billboard Permit Applications

Zoning Verification Request

Request for Exempt Subdivision Letter

**\*\* Please click on the link below for instructions \*\***

<https://baldwincountyal.gov/citizenserve-portal/>

[Baldwin County Master Plan – 2013 Approved and Adopted](#)

[2020 Flood Hazard Protection Newsletter](#)

[FloodSmart.gov](#)

[Current Planning Programs](#)



SUBMIT  
REQUESTS



PERMITS &  
LICENSE



PUBLIC  
RECORDS



MAKE A  
PAYMENT



MOTOR  
VEHICLES



COURTS



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[County Maintained Roadways](#)

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[-Permit Division](#)

[Road Notices](#)

[Stormwater Studies](#)

[Subdivision Regulations](#)

[Rebuild Alabama FY 2020 County  
Transportation Plan](#)

[Rebuild Alabama FY 2021 County  
Transportation Plan](#)

[Forms / Permit Applications](#)

[-Subdivision Application Forms](#)

[Other Helpful Links](#)

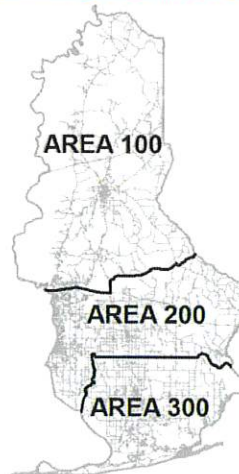
## Welcome to the Baldwin County Highway Department

The Baldwin County Highway Department is committed to constructing and maintaining the infrastructure under our control in a reasonably safe condition for travel.

This department is responsible for the administration, maintenance, and construction of over 1,600 miles of dirt, gravel, and paved roads.

The County is divided up into three (3) maintenance areas. Each area has a supervisor, assistant supervisor, office staff, and crews that are responsible for the day-to-day maintenance of the County maintained roadways in their respective areas. This includes the grading of dirt and gravel roads, pothole repairs, and removal of limbs and vegetation to maintain adequate sight distances.

[View a larger detailed PDF map of the maintenance barns](#)



**Area 100 Maintenance** covers the northern part of the County. This includes the areas north of I-10 (west of State Highway 59) and north of Truck Trail 17 (east of State Highway 59).

[Contact Area 100 Maintenance](#)

**Area 200 Maintenance** covers the central and western part of the County. It includes the area south of I-10 (west of State Highway 59) down to County Road 36, the west side of County Road 36, the west side of Fish River, and south of Truck Trail 17 (east side of State Highway 59) down to County Road 36/Blackwater River.

[Contact Area 200 Maintenance](#)

**Area 300 Maintenance** covers the southern part of the County including the Fort Morgan peninsula.

[Contact Area 300 Maintenance](#)



SUBMIT  
REQUESTS



PERMITS &  
LICENSE



PUBLIC  
RECORDS



MAKE A  
PAYMENT



MOTOR  
VEHICLES



COURTS



MEETING  
AGENDAS



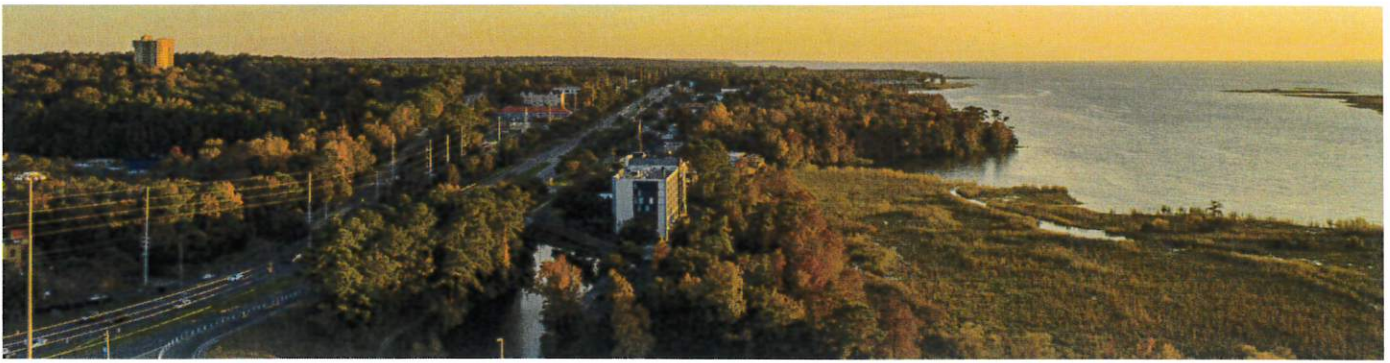
ALERTS



MAPS



MEET YOUR  
COMMISSION



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[Flood Zone Requirements](#)

[Permit Application Checklists](#)

[Fee Schedule](#)

[Permit Reports](#)

[Elevation Certificates](#)

[Flood Damage Prevention Ordinance](#)

[Flood Hazard Management Plan](#)

[- Master Plan Feedback Form](#)

[- FHMP Meeting Minutes](#)

[- Flood Map Risk \(Public Outreach\)](#)

[Fortified Homes](#)

[- NEW Residential Homes](#)

[- EXISTING Residential Homes](#)

[Quick Links](#)

The Baldwin County Building Department is responsible for the permitting and inspection of residential and commercial construction (including new construction, additions, alterations, repairs, and remodeling) throughout the County's building permitting jurisdiction as required by the International Building Codes.

#### **BUILDING PERMIT JURISDICTION:**

The county building permit jurisdiction includes unincorporated areas of Baldwin County as well as the towns of Elberta, Magnolia Springs, and Perdido Beach. For properties located inside any city limits other than those towns listed above, the property owner or contractor should contact the specific city's building department office for permitting requirements and information. [Click here for a list of municipalities inside Baldwin County and links to their websites.](#)

#### **CITIZENSERVE PORTAL - APPLY FOR PERMITS ONLINE:**

In the portal, you may submit Planning & Zoning Department applications and Building Department permit applications. You may also upload construction plans and required documents, check application review status, pay fees, schedule inspections, and much more.

The portal is compatible with most tech devices - phones, tablets, laptops, and desktop computers. You can log in anytime and anywhere - from your office, home, or even from the jobsite. The portal is most compatible with the Google Chrome internet browser.

>>>> [Property Owner Registration: How-To Video](#) <<<<

>>>> [Contractor Registration: How-To Video](#) <<<<

>>>> [Apply For a Permit: How-To Video](#) <<<<

CITIZENSERVE  
PORTAL



Solid Waste Home

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[Apply for Garbage Service](#)

[Garbage Collection Services](#)

[Landfills](#)

[Recycling](#)

[FAQ](#)

*Please be advised Baldwin County Solid Waste, a Service of the Baldwin County Commission, will be taking measures to protect health, welfare, and public safety of the Baldwin County citizens and its employees during the COVID-19 pandemic.*

*During this time we ask all citizens to remember all items placed at the curb for collection be contained within your Baldwin County issued Garbage Cart, items placed on the ground will not be collected or picked up by County employees.*

**Thank you for your patience and understanding as we work to serve the citizens of Baldwin County, while continuing to protect human health and the environment.**

### [PAY YOUR GARBAGE / TRASH BILL HERE](#)

We accept Visa, MasterCard & Discover  
(Sorry, we do not take American Express Cards)

### [APPLY FOR GARBAGE SERVICE](#)

### [COLLECTION SERVICES](#)

Participation in the solid waste residential collection program, provided by Baldwin County Commission, is mandatory for residents of the unincorporated areas of Baldwin County, Alabama. This is part of an effort to reduce and prevent illegal dumping and littering.

To report illegal dumping or littering, contact Solid Waste. Garbage Collection maintains a normal schedule on all holidays, except Thanksgiving and Christmas.

***\*COVID-19 ALERT - All garbage at the curb for collection must be in your Baldwin County Cart. Items outside the cart WILL NOT be picked up.\****

### [CART USE GUIDELINES](#)

### [LANDFILLS](#)

Magnolia, MacBride and Eastfork Landfills, and Bay Minette Transfer Station's information.

### [RECYCLE](#)

***Due to the COVID-19 Pandemic - Some Baldwin County Solid Waste Recycling Services have been temporarily suspended.***

Baldwin County cares about the environment and has several container locations throughout the county where you can place items for recycling. The county does not have a curbside recycling program at this time.

### [FAQ](#)

Solid Waste's Frequently Asked Questions.

