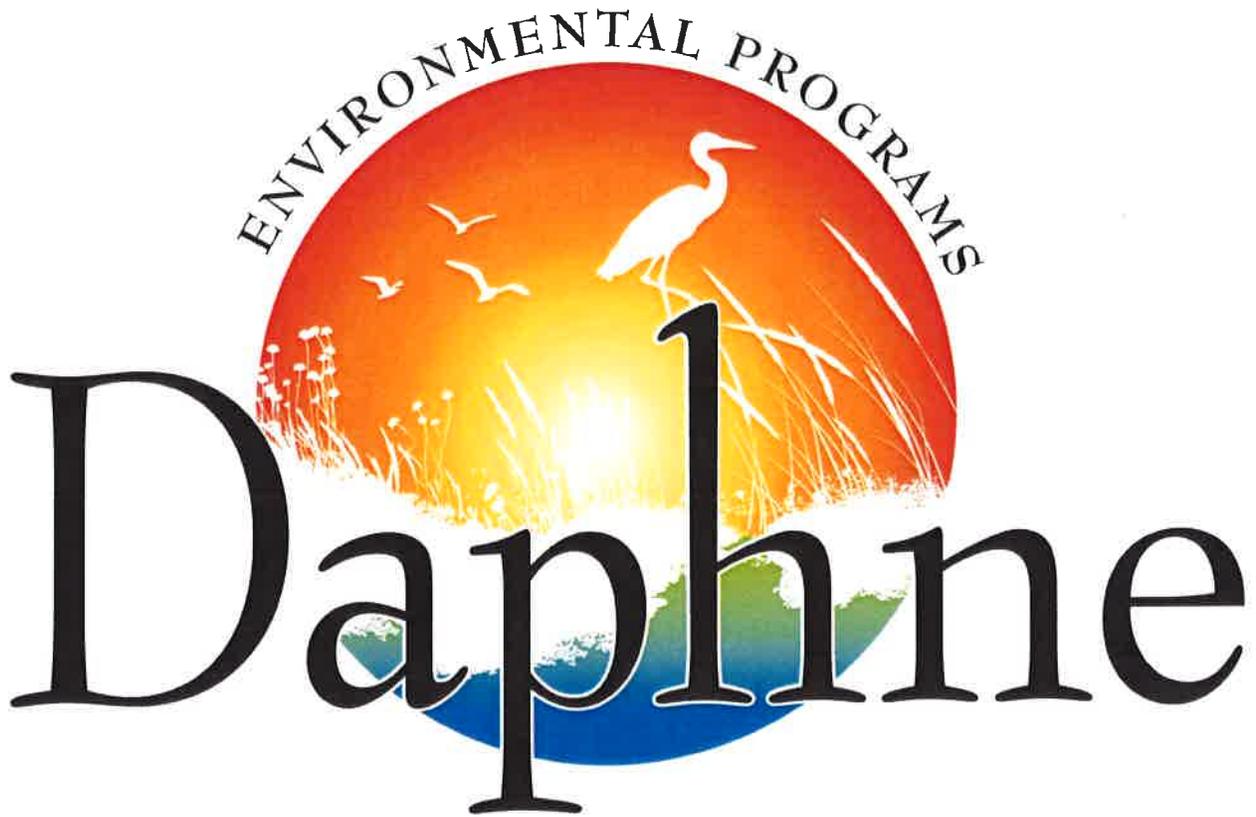


MCM 2

Public Outreach



MCM 2 Public Involvement and Participation
3.2.1A Daphne Environmental Advisory Committee Meetings

| Date | Meeting Topic |
|------------|--|
| 1/26/2015 | Project Updates, SWMPP Review |
| 3/23/2015 | Project Updates, Upcoming Training |
| 8/24/2015 | Tiawasee Creek Restoration, Forever Wild, NFWF project Updates, EAC Role |
| 10/26/2015 | Project Updates, New Business WQ MOA, Watershed Inspiration Park, ETC |
| 11/17/2015 | Special Called Meeting to Forward 10/26/15 Items to Public Works |
| 1/25/2016 | Election of Chair & Co Chair, Glass Recycle, & Project Updates |
| 3/28/2016 | Project Updates, MS4 Annual Report Review, ADEM 319 Grant |

ENVIRONMENTAL ADVISORY COMMITTEE

Council Representation

John Lake 251-545-7696 District 3
110 Paige Circle
Daphne, Al 36526
Johnlake3@bellsouth.net

Pat Rudicell 251-533-3527 District 2
505 Belrose Ave
Daphne, Al 36526
councildistrict2@daphneal.com

EAC Chairman-Resigning from Committee in January

Bret M. Webb, Ph.D. 251-625-3530 H District 7
30586 Middle Creek Circle 251-591-0588 C
Daphne, AL 36527 251-460-7507 W

EAC Co-Chair

John W. Peterson, P.E. 251-626-5514 W District 5
Hatch Mott MacDonald 251-343-4366 W
P.O. Box 1290 x7319
Daphne, Alabama 36526

Members

Stan Arbaczauskas 251-654-1427 C District 3
116 Windsor Drive
PO Box 2458
Daphne, AL 36526

Art Hosey 626-5308 H District 2
P.O. Box 464
Daphne, AL 36526

Amy Gohres 251-281-6356 District 1
906 Bonita Ave
Daphne, Al 36526

Fred Nation 251-454-3837 C District 6
120 Haven wood Circle 251-610-6955 C
Daphne, AL 36526

Don Ouellette 251-626-6442 H District 3
7720 Elizabeth Drive
Daphne, AL 36526

Carl Pinyerd, III 251-510-6616 C District 4
121 Michael Loop
Daphne, AL 36526

ENVIRONMENTAL ADVISORY COMMITTEE

R. Elliott Riser
8 Lake Shore Drive
Daphne, AL 36526

251-626-6426 H
251-610-5053 C

District 5

City Staff

Ashley Campbell
12906 Roy Henderson Lane
Fairhope, Al 36532

251-621-3080 W
251-234-7122 C

NA

BJ Eringman
24468 Harvester Drive
Loxley, Al 36551

251-621-3182 W
251-379-6779 C

NA

Richard Johnson
27120 Bit & Spur Drive
Daphne, Al 36526

251-621-3182 W
251-379-1305 C

District 4

Michelle Hanson
1207 Randall Ave
Daphne, Al 36526

251-621-3080 W

District 1

In Active Members

Chester McConnell
8803 Pine Run
Daphne, AL 36527

251-626-7804 H

District 7



Daphne Environmental Advisory Committee Meeting
Monday, January 26, 2015
4:00 p.m.

- I. **CALL TO ORDER**
- II. **APPROVAL OF MINUTES & AGENDA**
 - A. Approve October 27, 2014 EAC Minutes
 - B. Approve January 26, 2015 Agenda
- III. **PUBLIC PARTICIPATION & CORRESPONDENCE**
 - A. Guest Speaker: Leslie Gahagan-President of Wolf Bay Watershed Group - Development of D'Olive Watershed Citizen Group
- IV. **OLD BUSINESS**
 - A. City's 2014 Storm Water Management Program Plan Review
- V. **NEW BUSINESS**
 - A.
 - B.
- VI. **CHAIRMAN'S REPORT**
- VII. **UPDATE ON PROJECTS**
 - A. CIAP Project
 - B. NFWF Grant
 - C. Gator Alley
 - D. Forever Wild
- VIII. **FUTURE BUSINESS**
 - A. Upcoming Training
 - B. Meeting Dates for 2015 (every other month)
 - March 23rd
 - May 26th (Monday, May 25th is a holiday)
 - July 27th
 - September 28th
 - November 23rd
- IX. **ADJOURNMENT**

Meeting Minutes

Monday, January 26, 2015 - 4:00 PM

City of Daphne - Environmental Advisory Committee

Daphne City Hall – Executive Boardroom

I. CALL TO ORDER

Bret Webb called the meeting to order at 4:00 p.m.

Members Present: Bret Webb, John Peterson, Carl Pinyerd, Richard Johnson, Councilman John Lake, Councilman Pat Rudicell, Ashley Campbell, Fred Nation, Art Hosey and Don Ouellette.

Absent: Stan Arbaczauskas, Michele Hanson

Others Present: Leslie Gahagan

II. APPROVAL OF MINUTES & AGENDA:

A. Approval of Minutes:

Motion by Chester McConnell, seconded by Elliott Riser to approve the August 25, 2014 minutes. All in favor. Motion carried. Minutes were adopted.

B. Approval of Agenda:

Motion by Elliott Riser, seconded by Chester McConnell to approve the October 27, 2014 agenda with the addition under Old Business to nominate and elect a Chair and Vice Chair. All in favor. Motion carried.

III. PUBLIC PARTICIPATION:

A. Guest Speaker: Leslie Gahagan (President of Wolf Bay Watershed Group/Development of D'Olive Watershed Citizen Group)

Ashley introduced Leslie Gahagan to the committee. Ms. Gahagan discussed with the committee the process of developing a citizen group.

IV. OLD BUSINESS:

A. Nominate Chair and Vice Chair

Motion by Don Ouellette, seconded by Elliott Riser to nominate Dr. Bret Webb as EAC Chairman. All in favor. Motion carried. No other nominations were presented.

Motion by Elliott Riser, seconded by Chester McConnell to nominate John Peterson as EAC Vice Chair. All in favor. Motion carried. No other nominations were presented.

B. Elect Chair and Vice Chair

Motion by Don Ouellette, seconded by Chester McConnell to elect Dr. Bret Webb as Chairman for the EAC. All in favor. Motion carried.

Motion by Elliott Riser, seconded by Chester McConnell to elect John Peterson as EAC Vice Chair. All in favor. Motion carried.

V. NEW BUSINESS:

A. CIAP RFQ Review - EAC Representative

John Peterson stated that his firm will be submitting on this and he will recuse himself from this. Ashley stated that the RFQ is due in by 31st of October and by November 15th choose a consultant to help us design the next grant restoration. Our part of the project is \$450,000.00 and NFWF has another \$550,000.00 to add to it. We don't have to have a representative from the committee, but this would be our voice on these projects. There will be approximately 15 proposals that you will review and vote on. John Lake will help and Dr. Webb will be asked to represent Daphne EAC.

B. Hydrology Study – Potential Stormwater Management Site – Land Acquisition

This is the 53 acres that is being offered as a donation to the city; 38 acres is uplands that can be used for development for stormwater management and restoration and the other 15 acres is wetlands that can be protected. A structure could be built that would last over time and provide protection and stormwater management. The committee requested that Ashley create a resolution that outlines the environmental benefits and study of reducing stormwater from I-10 @ the 13 interchange: protection of property; a map of projects; reduction of erosion into the lake; cost savings on future project. Richard Johnson stated if we own the property

Meeting Minutes
Monday, January 26, 2015 - 4:00 PM
City of Daphne - Environmental Advisory Committee
Daphne City Hall – Executive Boardroom

out right, when future ALDOT projects come along, we would already have something to offer. John Peterson requested that Ashley draft the resolution and send to the committee by email.

VI. CHAIRMAN’S REPORT:

No Report.

VII. UPDATE ON PROJECTS:

A. NFWF Grant

For the I-10 to Highway 90 project (37 mile marker) , Goodwin Mills was chosen to design the project, they are in the preliminary stage and should be implemented this winter.

- D’Olive Creek
 - o I-10: will take a while to design, probably next year
 - o Hwy 90: Head-cut in Oakstone (Greg Jennings)
 - o CR 13: Starting Preliminary work on D’Olive from 13 to Victoria

B. Gator Alley

We have additional funds to help with the landscaping. The property owner has agreed to the price and the paperwork is being processed. We hope to have the property acquired in 30 days. Bids will go out after that. This has been a long time coming and it will be a beautiful and more functional spot once it is completed. Ashley stated that the project will include LID structures that can be used for workshops and training. Richard stated that Daphne Utilities has a pump station there that they will incorporate into the master design.

C. Forever Wild

Ashley went to the last meeting at 5 Rivers and brought our project up regarding the property North of I-10, west of Scenic Overlook (Valentine Island). We currently are not in the top 3, but talking about it has kept it on their radar.

D. Tiawasee Creek – CIAP Project – Land Donation

RFQ is out and due in Friday (October 31st) and hopefully will choose a consultant by November 15th. This is for stream restoration (severe head-cut) close to Pollard Road and Park Drive.

Ashley updated the committee of the concerns for a resident (Ms. Turner) that needed to be hooked up to the sewer system. DUMC & Ecumenical Ministries helped her get her sewer done.

VIII. FUTURE BUSINESS:

A. Upcoming Training:

Ashley informed the committee on some upcoming training in the State and here in Daphne.

- LID: Birmingham on November 4th – provided link to training site
- Trimble GPS (Daphne): November 19th – 20th at Daphne Fire Training Station

John Peterson would like to attend, Ashley to send information to him and Richard Johnson.

B. Next Meeting: *December 22nd*

Meeting was changed to Monday, December 15th at 4:00 p.m. before the Public Works Committee.

At the December meeting we will set the meeting dates for 2015 year.

IX. ADJOURN:

Motion by Carl Pinyerd, Seconded by Chester McConnell to adjourn.

Meeting adjourned at 4:57 p.m.



Daphne Environmental Advisory Committee Meeting
Monday, March 23, 2015
4:00 p.m.

- I. **CALL TO ORDER**
- II. **APPROVAL OF MINUTES & AGENDA**
 - A. Approve January 26, 2015 EAC Minutes
 - B. Approve March 23, 2015 Agenda
- III. **PUBLIC PARTICIPATION & CORRESPONDENCE**
 - A.
- IV. **OLD BUSINESS**
 - A.
- V. **NEW BUSINESS**
 - A.
- VI. **CHAIRMAN'S REPORT**
- VII. **UPDATE ON PROJECTS**
 - A. CIAP Project
 - B. NFWF Grant
 - C. Gator Alley
 - D. Forever Wild
- VIII. **FUTURE BUSINESS**
 - A. Upcoming Training
 - B. Meeting Dates for 2015 (every other month)
 - May 26th (Monday, May 25th is a holiday)
 - July 27th
 - September 28th
 - November 23rd
- IX. **ADJOURNMENT**

City of Daphne - Environmental Advisory Committee
Daphne City Hall – Executive Boardroom

Meeting Minutes
Monday, August 24th, 2015
4:00-5:00 PM

Attendees: Chester McConnell, J. Peterson, R. Johnson, A. Campbell, B. Webb, C. Pinyerd

Call to Order by Chairman

Chair Dr. Brett Webb announced that he would need to step down from chair and the committee due to the fact that he was moving back to Mobile.

Chester McConnell stated that he would like to step down from the committee.

The committee was given a chance to review the Tiawasee Creek Restoration plan and comment.

The Property at Blakely River Land Donation and the Forever Wild application were discussed. Ashley Campbell informed the committee that Russel Steiner wanted to donate the City of Daphne 67 acres on the south side of I-10. Ashley informed the committee that the land would complement the City Forever Wild nomination and may make the nomination more valuable.

Ashley gave the committee an update on the status of each NFWF Project.

-
- D'Olive Creek 60% Engineering stage- Will bid in fall; hope to start project in January, 2016.
- Tiawasee Creek 80% Engineering stage-Will bid in September; hope to start in December, 2015
- Joe's Branch 60% Engineering stage, May bid in October-November; hope to start by January 2016.
- Other project will be scheduled in 2016

Ashley gave an update on the ADEM 319 Grant -Trione Park. She informed the committee that the City asked ADEM for an additional \$180,000.00 to assist in the Tiawasee Creek Restoration. The grant application is being reviewed by ADEM. The City should know by early winter if the grant will be awarded.

The group was asked to serve as the D'Olive Watershed Citizen Working Group. Ashley explained that the EAC was already serving as the citizen group for the watershed and wanted their opinion on continuing that effort or should we try to establish another citizen based watershed group. The committee agreed to serve as the citizen based group.

City of Daphne - Environmental Advisory Committee
Daphne City Hall – Executive Boardroom

Meeting Agenda
Monday, October 26, 2015
4:00 PM

- I. Call to Order
- II. Review and Approval of Previous Minutes (August 24, 2015)
- III. Project Updates:
 - a. Gator Alley
 - b. Village Point Board Walk
 - c. NRCS EWP 5 Projects
 - d. NFWF D'Olive Creek Watershed Restoration
 - e. The Property at Blakely River Donation-Forever Wild
 - f. CIAP/NFWF/ADEM Tiawasee Creek Restoration
 - g. ADEM Trione 319 Grant
 - h. FEMA Projects
- IV. New Business:
 - a. Water Quality Monitoring Memorandum of Agreement with Mobile Bay NEP and City of Daphne and Spanish Fort
 - b. Watershed Inspiration Splash Pad
 - c. ADEM 319 Grant Retention/Bio-retention at Whispering Pines
 - d. Williams Dirt Pit
 - e. Village Point Invasive Species Management
 - f. New No-Trespass Signage
 - g. Election of Chair
 - h. Nomination for new committee members
- V. Other Business:

City of Daphne - Environmental Advisory Committee (EAC)
Daphne City Hall – Executive Boardroom

Meeting Minutes
Monday, October 26, 2015
4:00

Present: Pat Rudicell, Brett Webb, BJ Eringman, Ashley Campbell, Carl Pinyerd, Art Hosey, John Peterson, Elliot Riser, Don Ouellette

The meeting was called to order by the Chairman at 4:06 P.M.

The committee discussed the remainder of 2015 meeting schedule. The conclusion was made to not have a meeting in November or December due to the holidays.

Chair Brett Webb asked if we could post that the EAC is searching for Two (2) new members preferably from District 7 and that the EAC would hold an election of officers at its January 25, 2016 meeting. Ashley agreed to work with Michele to have that done. A request was made to have an updated list of members with a district map sent out to all EAC members. Ashley stated the list would be included in the meeting minutes.

The August 24 meeting minutes were distributed and the committee was asked to review and email comments as soon as possible and the corrected minutes would be presented via email for approval.

Motion, second and vote needed to approve the minutes.

Old Business

Project updates were given by BJ and Ashley as follows:

a. Ashley -Gator Alley Low Impact Development Improvements pre-bid meeting is scheduled for November 4th and bid opening for November 18, 2015. The City is very excited to work on this ALDOT TAP grant that was facilitated by efforts from, MBNEP, Jade Consulting, Riviera Utilities & Daphne Utilities.

Art Hosey asked about the tree removal along the ALDOT fencing at Gator Alley and the potential it posed for erosion. The clearing was performed so that citizens could see D'Olive Creek. The City will monitor and maintain the area for problems. The two areas along the fence that were damaged during the April 2014 Disaster have received the USACE permitting need to stabilize the areas. The smaller damaged area has been repaired. The larger area is schedule to be repaired soon. A long discussion took place in regards to USACE permitting process.

b. BJ –The Village Point Board Walk-Notice to proceed was today 10/26/15. But, due to weather it will later in week. Project includes the addition of new board walks and paving the existing gravel road to make the area ADA accessible.

Councilman Rudicell mentioned that the Council had approved funding for master planning for the Bay Front/Village Point Parks. The City would like a long term improvement plan for the bay front area.

City of Daphne - Environmental Advisory Committee (EAC)
Daphne City Hall – Executive Boardroom

c. BJ & Ashley-NRCS EWP April 29th 2014 Disaster Funding Projects-Maize Gulley Stabilization project has started. The project could be completed as early as December. The other four projects are nearing the bidding stage.

d. Ashley-NFWF Projects

MBNEP -Thompson Engineering

Joe's Branch Phase1- Step-pool completed

Joe's Branch Phase 2-Stream and wetland restoration completed

Joe's Branch Phase 3-JA, J4-1, J4-2 & 2 Storm water facilities- The engineering plans for all phase 3 projects are at the 100% design phase and are in the review process. The MBNEP hopes to bid the projects by early winter and go to construction the first of year (2016).

City of Daphne -Goodwyn Mills Cawood

Tiawasee Creek Stream Restoration-CIAP-ADEM319-1st bid opening resulted in no bidders. Second round of bid openings, North State Environmental was low bidder. Engineer's recommendation will be taken to council next week. The project will start in January. The project schedule includes 120 days

MBNEP -Goodwyn Mills Cawood

D'Olive Creek at I-10 (D4-D6)-Project has been delayed due to ALDOT work at ROW. Project is projected to begin in fall of 2016.

MBNEP -Volkert

UT D'Olive Creek (DA3) East of CR 13/South Hwy 90-Project survey work has been initiated and scope of services submitted for restoration.

MBNEP-Hatch Mott MacDonald

UT D'Olive Creek (DAF&DAF-1) west of CR 13 South of Hwy 90-Hatch-Mott will be submitting a survey scope to MBNEP soon. At the earliest the project may start in fall of 2016.

e. Ashley -Forever Wild Proposal-The Property at Blakely River-Steiner donation will be added to proposal. Gator Alley improvements will also compliment the proposal. The quarterly Forever Wild meeting will be held at Five Rivers in Spanish Fort in December. The City plans on attending.

f. Ashley-Tiawasee Creek-CIAP-ADEM319-1st bid opening resulted in no bidders. Second round of bid openings, North State Environmental was low bidder. Engineer's recommendation will be taken to council next week. The project will start in January. The project schedule includes 120 days.

City of Daphne - Environmental Advisory Committee (EAC)
Daphne City Hall – Executive Boardroom

g. Ashley -ADEM 319 Trione Park & Tiawasee Creek Restoration-grant has been submitted awaiting the award and grant agreement.

h. BJ -FEMA Projects-All the projects have been completed.

New Business

a. Ashley -The Water Quality Monitoring Memorandum of Agreement with Mobile Bay NEP and City of Daphne and Spanish Fort was presented to the committee for review. The committee was asked to email any comments. The MOA will be taken to the PW Committee next. **Motion, second & vote needed to move MOA forward to Public Works Committee**

b. Ashley-Water Shed Inspiration at Trione Park-The design sketch was presented to the EAC. Councilman Rudicell discussed the Recreation Planning for Trione and asked if the splash pad had been presented to Volkert. Ashley informed the group that she had been working with Volkert from the very beginning of the planning effort. The planning team is aware of the ADEM 319 grant application and the splash pad project. Mr. Rudicell discussed financing strategies for the Recreation planning effort. Ashley mentioned numerous grant opportunities but did want to take the plan onto the Public Works Committee for review and comment. **Motion, second & vote needed to move proposal forward to Public Works Committee**

c. Ashley- ADEM 319 Grant submittal for detention facility on property north of Trione Park was presented to EAC. The City is pursuing the donation of a parcel of land north of Trione to allow the City to implement a stormwater facility to help reduce stormwater impacts downstream. Richard Johnson has completed some preliminary engineering for the facility. The facility would improve stormwater treatment in the immediate area and help protect the downstream Tiawasee Creek Restoration. The City is working with the land owner and awaiting ADEM award decision. If the grant is awarded, the City will construct the facility as in-kind match. **Motion, second & vote needed to move forward to Public Works Committee**

d. Ashley- Williams Dirt Pit Improvements- The committee was brought up-to date on the City's purchase of the property and the reclamation plan for the property. The original plan and budget were presented for review. Councilman Pat Rudicell discussed the potential use of the property for the BRATS Bus Depot. The Committee was asked what it thought about this use. Several committee members brought up the fact that traffic and safety may be an issue. The construction of the facility could help with the reclamation of the eroding area. **Motion, second & vote needed to move forward to Public Works Committee**

e. Ashley -Village Point Invasive Species Control- A proposal was presented to the committee for review. The proposal included hiring a invasive species control consultant to guide City crews for two week out of the year in removing invasive species form Village Point/Bay Front Parks. The proposal was reviewed and a motion was made by John Peterson to forward a positive recommendation to the Public Works Committee for approval.

City of Daphne - Environmental Advisory Committee (EAC)
Daphne City Hall – Executive Boardroom

f. Ashley -MBNEP No-Trespass Signs-The new MBNEP NO All-Off Road Vehicle Trespass allowed signs were presented to the committee for review and comment. The committee likes the signs. Elliot Riser asked why we did not have violator will be prosecuted on the signs. Ashley explained that the MBNEP was trying to educate citizens. However, the City is taking a stand against trespass by posting signs, chasing trespassers and issuing citations for the trespass violations.

g. Election of Chair-postponed until January.

h. Nomination for new committee members postponed until January.

The meeting was adjourned at 5:12 P.M.

City of Daphne - Environmental Advisory Committee
Daphne City Hall – Executive Boardroom

Meeting Agenda

Tuesday, November 17, 2015
4:00 PM

- I. Call to Order
- II. Review and Approval of Previous Minutes (August 24 & October 26, 2015)
- III. Old Business:
 - a. Water Quality Monitoring Memorandum of Agreement with Mobile Bay NEP and City of Daphne and Spanish Fort
 - b. Watershed Inspiration Splash Pad
 - c. ADEM 319 Grant Retention/Bio-retention at Whispering Pines
 - d. Williams Dirt Pit
 - e. Village Point Invasive Species Management
 - f. New No-Trespass Signage
 - g. Election of Chair
 - h. Nomination for new committee members
- IV. NEW EAC Member Nomination
- V. Other Business:

City of Daphne - Environmental Advisory Committee
Daphne City Hall – Executive Boardroom

Meeting Minutes

Tuesday, November 17, 2015
4:00 P.M.

- I. Call to Order at 4:09 P.M.
- II. The EAC reviewed the August 24, 2015 meeting minutes. Don Ouellette noted several attendees that were not listed in the meeting minutes. The minutes were amended to include Don Ouellette, Fred Nation, John Lake and Art Hosey and a grammatical error was corrected. Don Ouellette made the motion to approve the minutes; Carl Pinyerd seconded the motion. A unanimous vote occurred and the motion carried.
- III. The EAC reviewed the October 26, 2015 meeting minutes. Don Ouellette noted several grammatical errors. The minutes were amended. Don Ouellette made the motion to approve the minutes; Carl Pinyerd seconded the motion. A unanimous vote occurred and the motion carried.
- IV. Old Business:
 - a. A motion was made by Don Ouellette to forward the Water Quality Monitoring Memorandum of Agreement with Mobile Bay NEP and City of Daphne and Spanish Fort to the Public Works Committee. The motion was seconded by Carl Pinyerd. A unanimous vote occurred and the motion carried.
 - b. A motion was made by Elliot Riser to forward the Watershed Inspiration Splash Pad to the Public Works Committee. The motion was seconded by Don Ouellette. A unanimous vote occurred and the motion carried.
 - c. A motion was made by Elliot Riser to forward the ADEM 319 Grant Detention Basin at Whispering Pines to the Public Works Committee. The motion was seconded by Ouellette. The EAC discussed the location of the basin and the benefit that it would provide to Tiawasee Creek. A unanimous vote occurred and the motion carried.
 - d. A motion was made by Don Ouellette to forward the Williams Dirt Pit restoration to the Public Works Committee. The EAC discussed the site location and the proposed Brat's Bus station. The motion was seconded by Art Hosey. A unanimous vote occurred and the motion carried.
 - e. A motion was made by Don Ouellette to forward the Village Point Invasive Species Management proposal to the Public Works Committee. The motion was seconded by Carl Pinyerd. A unanimous vote occurred and the motion carried.
- V. Potential Nomination-Amy Gohres-Ashley asked the EAC permission to forward Amy's Bio to Mrs. Tommie Conaway. Committee agreed to the request.
- VI. The next EAC meeting was scheduled for January 25, 2016. During the January meeting officer elections will occur.
- VII. The meeting adjourned at 4:34 P.M.

City of Daphne - Environmental Advisory Committee (EAC)
Daphne City Hall – Executive Boardroom

Meeting Minutes-Draft -Not Approved

Tuesday, January 25, 2016
4:30 P.M.

Attendees: Ashley Campbell, Amy Gohres, Art Hosey, Richard Johnson, John Lake, Fred Nation, Don Ouellette, John Peterson, Carl Pinyerd, & Elliott Riser

- I. Call to Order at 4:35 P.M.
- II. The EAC reviewed the November 17, 2015 meeting minutes. Don Ouellette made the motion to approve the minutes; Fred Nation seconded the motion. A unanimous vote occurred and the motion carried.
- III. Updates were given on Old Business:
 - a. Water Quality Monitoring Memorandum of Agreement with Mobile Bay NEP and City of Daphne and Spanish –Daphne and Spanish Fort have signed the MOA
 - b. Watershed Inspiration Splash Pad-No activity, Environmental Programs Manager (EPM) will continue to look for grants
 - c. ADEM 319 Grant Retention/Bio-retention at Whispering Pines-Contract is being reviewed by Mayor
 - d. Williams Dirt Pit-Public Works (PW) & EPM Will begin planning project this Summer
 - e. Village Point Invasive Species Management-Fred Nation will be assisting the City with invasive species control for two weeks this year. New Invasive Species signage was shown to EAC.
 - f. New No-Trespass Signage was shown to the EAC.
 - g. Steiner donation completed. City owns 67 acre parcel south of I-10. Village Point Foundation took ownership of the 45 acres north of I-10.
 - h. NRCS Updates-Mazie Gulley has been completed except for native plantings. Palmetto, Canterbury and Old Pump Plant are under way. They should be completed by end of February. Judicial Center project should start within 3 weeks.
 - i. NFWF Update-Tiawasee Creek restoration has started. Joe's Branch Phase 3 will begin around the middle of February. The two projects located on the east and west sides of CR 13 are in the early stages of survey and design. They should start in January, 2017. The D'Olive Creek restoration south of I-10 is planned to start this fall, 2016.
- V. Election of Chair-A motion was made by Elliott Riser to nominate John Peterson as President. Carl Pinyerd seconded the motion. Fred Nation made a motion to close nomination. A vote was taken, it was unanimous. John Peterson will serve as Chair for 2016. Election of Co-chair –Don Ouellette volunteered to be nominated for committee Co-chair. A vote was taken, it was unanimous. Don Ouellette will serve as Co-chair for 2016.
- VI. Richard Johnson asked the committee its opinion on removing glass from the City's current curb-side recycling program. Instead of Curb-side pickup, the City would place four (4) glass recycle dumpsters in designated areas in the City.

City of Daphne - Environmental Advisory Committee (EAC)
Daphne City Hall – Executive Boardroom

- Ashley Campbell stated she thought that citizens would understand and use the designated drop off stations.

- Amy Gohres asked what percentage of our recycle program was glass?

Richard Johnson reported that glass makes up 20% by volume and ~30% by weight. Amy agreed that dedicated recyclers would still recycle at the drop off locations.

- John Lake recommended that if we do move forward with the drop off stations that the City communicates the reason for the change and the available drop off locations to all citizens via flyer or some other manner; maybe even a press release.

VII. Meeting schedule- It was confirmed that the EAC will meet on the 4th Monday of every month or every other month (as needed) at 4:00pm.

VII. Meeting adjourned at 5:15 P.M.

The next EAC meeting was scheduled for February 22, 2016.

City of Daphne - Environmental Advisory Committee
Daphne City Hall – Executive Boardroom

Meeting Agenda

Monday, March 28, 2016
4:00 PM

- I. Call to Order
- II. Review and Approval of Previous Minutes (January 25, 2016)
- III. Updates on Old Business:
 - a. Water Quality Monitoring Memorandum of Agreement with Mobile Bay NEP and City of Daphne and Spanish Fort
 - b. Watershed Inspiration Splash Pad
 - c. ADEM 319 Grant Retention/Bio-retention at Whispering Pines
 - d. Williams Dirt Pit
 - e. Village Point Invasive Species Management
 - f. New No-Trespass Signage
 - g. Tiawasee Stream Restoration, Constructed Wetlands and Culvert Modification
 - h. NFWF Project Update
 - i. Bayfront Property Acquisition
- IV. Review of Resume: Bo Tucker- Biosystems Engineer, Timber Creek Resident-District 7
- V. Review of MS4 Report, Draft Storm Water Infrastructure Inventory, Inspection and Management Plan, Goals and Achievements
- VI. Other Business:

MCM 2 Public Involvement/Public Participation
3.2.1B EAC Review of Stormwater Management Program Plan

| EAC MS4 Report Review | Meeting Date |
|------------------------------|---------------------|
| EAC Meeting | 3/28/2016 |

City of Daphne - Environmental Advisory Committee
Daphne City Hall – Executive Boardroom

Meeting Agenda

Monday, March 28, 2016
4:00 PM

- I. Call to Order
- II. Review and Approval of Previous Minutes (January 25, 2016)
- III. Updates on Old Business:
 - a. Water Quality Monitoring Memorandum of Agreement with Mobile Bay NEP and City of Daphne and Spanish Fort
 - b. Watershed Inspiration Splash Pad
 - c. ADEM 319 Grant Retention/Bio-retention at Whispering Pines
 - d. Williams Dirt Pit
 - e. Village Point Invasive Species Management
 - f. New No-Trespass Signage
 - g. Tiawasee Stream Restoration, Constructed Wetlands and Culvert Modification
 - h. NFWF Project Update
 - i. Bayfront Property Acquisition
- IV. Review of Resume: Bo Tucker- Biosystems Engineer, Timber Creek Resident-District 7
- V. Review of MS4 Report, Draft Storm Water Infrastructure Inventory, Inspection and Management Plan, Goals and Achievements
- VI. Other Business:

MCM 2 Public Involvement and Participation
3.2.2A and 3.2.2B D'Olive Watershed Meetings

| D'Olive Watershed Intergovernmental Task Force (DWITF) | Date | Topic | Location | Agency |
|---|-------------|--------------|------------------------|---------------|
| | 8/21/2015 | DWITF | Daphne City Hall | MBNEP |
| | 11/13/2015 | DWITF | Spanish Fort City Hall | MBNEP |



You are in the

D'Olive Creek Watershed

Discharges
to Mobile Bay



D'Olive Watershed Intergovernmental Task Force

August 21, 2015

8:30 AM

Eastern Shore Chamber of Commerce- Overlook

Agenda

1. Old Business

- Update on NFWF Restoration Projects
- Monitoring

2. New Business

- Monitoring MOA
- Environmental Advisory Committee
- Baykeeper involvement request
- Future meeting schedule
- Land Donation



D'Olive Intergovernmental Task Force
Friday, August 21, 2015
Eastern Shore Chamber of Commerce- Overlook

In attendance: Ashley Campbell, City of Daphne; Dane Haygood, City of Daphne; Mike McMillan, City of Spanish Fort; Skip Gruber, Baldwin County Commission; Eliska Morgan, Alabama Restore Council; Matt Hinton, City of Spanish Fort; Bruce Renkert, City of Spanish Fort; Roberta Swann, MBNEP; Christian Miller, MBNEP

The meeting was called to order at 8:40 AM.

Roberta stated that the main purpose of this coalition is to remove impaired streams from the state's 303(d) list.

Ashley gave an update on the status of restoration projects in the watershed. Joe's Branch phase 1 has been complete for two years and is doing great. Phase 2A was recently completed and has a few minor items to address, but otherwise looks good. Work is ongoing to finish up the detention basin North of Hwy 31, and should be completed within 30 days. Ashley then stated that EPA has been here reviewing the MBNEP, is aware of the effort taking place in the watershed, and has so far been very pleased with the progress. The really appreciate the level of partnership taking place in the watershed. Roberta stated that we recently received a Gulf Guardian award due to the level of partnership and commitment from all parties working to restore the watershed.

Ashley said working is progressing on another JB Trib adjacent to the Westminster Gates subdivision which will include clearing out a detention pond. The issue is working to approve access points to begin the work. JB2C (behind the Piggly Wiggly) is going to be mainly hard engineered due to difficulty with traditional restoration practices. It will include extending the pipe to a stable outfall and restoring an adjacent wetland. Traditional restoration would have cost 3 times as much and could have done more damage than good. Thompson is the Engineer on record for all of Joe's Branch

On Tiawasse, a joint NFWFF/CIAP funded project is underway. GMC is working on this one. Construction costs will be \$1 mm plus engineering costs and should be underway before the end of 2015. Skip mentioned it is important to get the CIAP money spent by December 31st, otherwise they will lose it.

On D'Olive Creek the I-10 project at mile marker 37 is a major project with approximately 1,900 linear feet of streambank to be restored. GMC is working on this one, and has submitted 70% design. ALDOT is redesigning outfalls to integrate into this project so the work is waiting on them to commence. It is important that both projects meld together into one cohesive restoration. They are working under a 2 yr comprehensive maintenance agreement. Mike asked if the city would take ownership of the property afterwards. Ashley responded no, it is the property owner's responsibility and that is written into the project agreement. Ashley said they are also working to get 319 funding for an LID demonstration project at Trione Park. There are also two other pending project areas on D'Olive tribs. One is just south of Hwy 90. A property owner is being contentious and not cooperating.

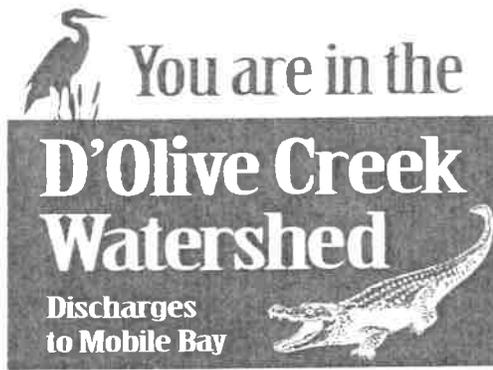
This would significantly improve the permitting process in the watershed. Dane said there has been increased awareness of stormwater issues, and that he has been getting calls from the press. Ashley stated they have a set procedure for following up with citizen complaints, and that many times it is a private property issue that the city is not responsible for. Work must be done to educate the community. Dane said that the Alabama Municipal Insurance Carrier (AMIC) would be a potential partner for helping to fund stormwater education and outreach.

Roberta then discussed the MOA. Even though EPA and NEP were paying to buy and install the stations, they still must be maintained. The idea is that Spanish Fort pays for the chemicals and Daphne provides the labor and lab to do the sampling and work-up. This would also cover both city's MS4 monitoring requirements. Ashley stated that this process is what will lead to delisting the streams. Mike and Dane both asked to review the MOA and submit comments to the NEP. Dane asked to make sure that the language includes the advantages for doing this work (eg. For the purposes of delisting).

Roberta then mentioned Daphne's Environmental Advisory Board and its ability to serve in the capacity of a citizens committee in the watershed restoration. She suggested that Spanish Fort could form a similar body. They could meet together and a representative could participate on the DITF.

The group agreed to meet on a more regular (monthly) schedule for the near future. Preferably, Friday mornings.

Meeting adjourned at 10:05



**D'Olive Watershed Intergovernmental Task Force
November 13, 2015
8:00 AM
Spanish Fort City Hall**

Agenda

- I. Old Business
 - a. Project Updates
 - Joe's Branch
 - D'Olive Creek
 - Tiawassee Creek
 - b. Status of Memorandum of Agreement (MOA) for water quality monitoring

- II. New Business
 - a. Potential D'Olive Watershed Intergovernmental Task Force participants
 - b. Revisit "First Steps of Watershed Management Plan"

D'Olive Intergovernmental Task Force
November 13, 2015
Spanish Fort City Hall

In attendance: Chris Elliot, Baldwin County Commission; Dane Haygood, City of Daphne; Ashley Campbell, City of Daphne; Mike McMillan, City of Spanish Fort; Bruce Renkert, City of Spanish Fort; Matt Hinton, City of Spanish Fort; Shannon McGlynn, ADEM 319; Roberta Swann, MBNEP; Christian Miller, MBNEP

The meeting started at 8:10 AM. Ashley began by updating the group on the status of restoration projects ongoing/planned throughout the watershed.

Joe's Branch

- Phase 1& 2 look great and are performing well. Only minor issues that will be addressed by the contractor.
- Phase 3 includes three projects at a cost of ~\$1.2MM. Included will be two new detention facilities to capture and treat stormwater. The plan is to begin construction in January 2016
- Roberta mentioned that discussions with ADEM have occurred to addressing delisting Joe's Branch. It may be possible to delist in 2016, but if not it would be 2018.

D'Olive Creek

- D'Olive @ MM36. ALDOT is delayed with their project at the culvert until January 2016. The plan is to begin on the downstream portion in Fall 2016. Roberta mentioned there is discussion of using the same contractor to do both projects. It may be possible to bid both projects at the same time giving a six month grace period. This would save a considerable amount of money on mob/demob costs.
- CR 13 has two projects that are currently being surveyed. AMEC is working on a project at Hwy 90/Oakstone and there is another small project at Timber Ridge that is being approached as a design/build.

Ashley mentioned that contractor capacity is becoming problematic. There aren't many local contractors capable or willing to take on these projects. One major hurdle has been the maintenance requirement. The projects require a two year agreement which some contractors are unwilling to agree to. Roberta mentioned that it could be possible to subcontract with Baldwin County to take on the maintenance of the projects, and that there would be money available to cover the county's costs. Chris said that the County does have the capability and the staff to take on the maintenance component, but they would need some training in order to do so.

Next, the group discussed the watershed monitoring MOA. Ashley said that the Daphne EAB had approved the agreement and public works was reviewing it. The Daphne City Council would need to approve it which may take until January. Mike said the Spanish Fort City Council would also need to approve the MOA but that shouldn't be a hurdle.

The next agenda item was discussion of participation on the D'Olive ITF. Potential new ITF members to consider include the EAB and ALDOT. Ashley said that since Spanish Fort doesn't currently have an EAB there is the potential to add Spanish Fort reps to the Daphne EAB and make it the greater D'Olive EAB. Mike and Bruce said it may be better to investigate forming a Spanish Fort EAB. Ashley and Matt currently have quarterly meetings with ALDOT and can give updates to their respective city councils on a regular basis. All agreed that ALDOT should be at the table.

Next, the group reviewed the updated regulator matrix and first steps of the WMP. Roberta questioned why there was inconsistency in Baldwin County's buffer requirements. Chris said he would check on that. Shannon said the ADEM is considering a mandatory buffer requirement for construction BMPs. ADEM's Coastal Area Protection Plan should be a state requirement.

Dane asked when we would be able to dredge Lake Forest Lake. Ashley said that we must be sure that we have stopped all sources of upstream sedimentation and that dredge the lake wouldn't create any problems. There would be a need to do a study to find out exactly how much sediment would be needed to be removed and to acquire flow data. Bret Webb/USA could do both studies with his students for ~\$10K.

Meeting adjourned at 9:15

MCM Public Participation/Public Involvement
3.2.3 BC Water Festival Coastal Kids Quiz

| Event Name | Date | Location |
|----------------------------------|-----------|--------------------------------|
| Coastal Kidz Quiz-Adrienne Jones | 5/5/2015 | Daphne United Methodist Church |
| Water Festival-BC | 3/18/2015 | Baldwin County Colesium |
| Water Festival-School | 5/14/2015 | Daphne Elementary |

RSA TOWER ■ 11 NORTH WATER STREET, SUITE 30200 ■ MOBILE, ALABAMA 36602 ■ (251) 432-5511
Post Office Box 123 ■ Mobile, Alabama 36601 ■ Facsimile: (251) 694-6375

May 13, 2015

VIA ELECTRONIC MAIL

Ms. Ashley Campbell
City of Daphne
epm@daphneal.com

Re: 14th Annual Coastal Kids Quiz – Tuesday, May 5, 2015

Dear Ashley:

I certainly hope you understand you have been recruited for the rest of your life or the life of the Coastal Kids Quiz, whichever lasts the longest. You have shown courage under fire and have never backed away from any challenge presented to you by a fifth grader, male or female.

We certainly could not do any of this, especially on game day, without you. Thank you for making the 14th Annual Coastal Kids Quiz a tremendous success, an exciting time for the Coastal Kids, and thank goodness we have a year to recover.

Yours very truly,



Neil C. Johnston (Sr.)
President, The Project CATE Foundation, Inc.

NCJ:lhmm

Enclosure

cc: Ms. Katie J. McCarter, Coastal Kids Quiz Coordinator
Tides In, LLC

2122824_1



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Lee Walters

ACF MAILING ADDRESS

P.O. Box 246
Fairhope, AL 36533
(251) 990-6002
www.joinACF.org

January 8, 2015

Ashley Campbell, CPESC
Environmental Program's Manager
City of Daphne
1705 Main Street, PO Box 400
Daphne, AL 36526

Dear Ashley,

On behalf of the ACF's Board of Directors, members and staff, I thank you and the City of Daphne for your recent \$500 Sponsorship of the 2015 Baldwin Co. Water Festival.

The purpose of the Water Festival is to provide fourth grade students the experience and instructional lessons about water, conservation, and the environment. Through hands-on activities, such as building a watershed, practicing water filtration, and examining items that produce non-point source pollution, fourth grade students will gain a better appreciation of our local water resources. In addition, they will learn about the effects of human actions on aquatic ecology.

As you know, the mission of the Alabama Coastal Foundation is "to improve and protect Alabama's coastal environment through cooperation, education, and participation". We accomplish this mission by providing people with viable, hands-on programs that you and others throughout the state are helping to support.

Your commitment to the ACF helps to sustain our work which safeguards the state's waters and restores our natural habitats. It also educates and inspires Alabama's children and young adults who will inherit the ecological legacy we leave behind.

Sincerely,

Mark Berte
Executive Director
Alabama Coastal Foundation

The Alabama Coastal Foundation is a 501(c)3 organization. This letter serves as a record of your tax-deductible contribution. The ACF IRS tax identification number is as follows: 58-2050101

Ashley Campbell

From: Lauren Jakubowski <ljakubowski@joinacf.org>
Sent: Wednesday, February 25, 2015 3:55 PM
To: Shelton, Michael; Miles McDaniel; Ben Raines; Leslie Lassitter Gahagan; Ashley Campbell; Margaret Odom (ODOMMAR@auburn.edu); Hurley, Patti; Denise Heubach (dhh0006@auburn.edu)
Cc: Mark Berte; Dorothy Howard
Subject: 2015 Baldwin County Water Festival Steering Committee Meeting
Attachments: 2015 Baldwin County Water Festival Planning Meeting Agenda 2112014-2.doc; Goey Garbage Activity.pdf; Stormwater Obstacle Course Activity.pdf

Good afternoon all,

I hope we are getting ready for this years Water Festival!! I have attached tomorrows draft agenda and the three lessons to this email so you have the chance to look over them and come ready with questions, ideas, comments or whatever else. We have moved the meeting to the Weeks Bay Reserve conference room (so we will not be in the Tonsmeire Center) and we will also have the conference phone set up and for those who need to call in. I look forward to seeing and talking to everyone tomorrow at 3:30pm for our meeting! Please call me or e-mail me if you have any questions or concerns, as well as to let me know if you are able to make it via phone or person!

You all are the best!!!
Lauren Jakubowski
VISTA Member
Alabama Coastal Foundation
250 Conti Street, 2nd Floor
PO Box 1073
Mobile, AL 36633
(251) 990-6002 Office

2015 Baldwin County Water Festival Planning Meeting

3:30 pm, Thursday, February 26th, 2015

**Weeks Bay Reserve Conference Room (11300 US Highway 98)
Conference Line Dial 1-605-475-3235 and input the participation code: 374843#**

Draft Agenda

- I. Welcome**
- II. Any changes to the draft agenda?**
- III. Logistics:**
 - a. Date: March 18th**
 - b. Location: Baldwin County Coliseum**
 - c. Time: 9:00am- 12:00pm**
 - 1) Volunteers arrive at 7:45 am**
 - 2) Students start to arrive at 8:30 am/8:45 am**
 - d. Total number of students and schools confirmed**
 - e. Set up- Decide time for March 17th**
- IV. Lessons**
 - a. Review of three lessons.**
 - b. Entertainment**
 - c. Flow of the day.**
- V. Volunteers:**
 - a. Set up orientation date and location**
 - b. Who else?**
 - 1) Businesses**
 - 2) Agencies**
 - 3) Groups**
 - 4) High Schools**
 - c. Confirmed Volunteers and time they need to be at the coliseum by**
- VI. Final steps**
- VII. Adjourn**

The mission of the Alabama Coastal Foundation is to improve and protect Alabama's coastal environment through cooperation, education, and participation.



MCM Public Participation/Public Outreach
3.2.4A and B Community Clean-Up Day

| Community Clean Up Event | Date |
|---|-----------|
| Keep Daphne Beautiful Recycle & Amnesty Day | 5/13/2015 |
| Coastal Clean Up | 9/19/2015 |

**28TH
ANNUAL**

ALABAMA

COASTAL CLEANUP

Get the Trash Out of the Splash

Saturday, September 19, 2015 | 8AM - Noon





STATE OF ALABAMA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
STATE LANDS DIVISION, COASTAL SECTION
5 Rivers ~ Alabama's Delta Resource Center

ROBERT BENTLEY
GOVERNOR

N. GUNTER GUY, JR.
COMMISSIONER
CURTIS JONES
DEPUTY COMMISSIONER

31115 – 5 Rivers Boulevard
Spanish Fort, Alabama 36527
(251) 621-1216
(251) 621-1331 Fax

PATRICIA J. POWELL
DIRECTOR
STATE LANDS DIVISION

PHILLIP E. HINESLEY
COASTAL SECTION CHIEF

July 27, 2015

Mayor Dane Haygood
CITY OF DAPHNE
P.O. Drawer 400
Daphne, Alabama 36526

RE: 28th Annual Alabama Coastal Cleanup

Dear Mayor Haygood:

The Annual Alabama Coastal Cleanup is fast approaching. The Coastal Cleanup has become an environmental highlight for the State of Alabama serving as the largest volunteer event focused on the removal of marine debris. This year, the State of Alabama will host the 28th Annual Coastal Cleanup on **Saturday, September 19, 2015**.

As you may know, the Alabama Coastal Cleanup is part of a larger national, and international, event held annually on the third Saturday in September. Since the beginning of the Alabama Cleanup in 1987, it has been recorded that **77,830 volunteers** have participated in the Alabama Coastal Cleanup and removed more than **1.5 million pounds** of marine debris from Alabama's valued coastline.

We, the Alabama Coastal Cleanup Coordinators, Alabama Department of Conservation and Natural Resources (ADCNR) State Lands Division-Coastal Section and Alabama People Against A Littered State (PALS), would like to request that a dumpster, or other type of trash receptacle, be located in the area of **MAY DAY PARK**. This park will serve as the check-in site for the Daphne Cleanup Zone of the Coastal Cleanup.

Please help us make this year's Coastal Cleanup a great success by providing your support to this worthy cause. In addition, Priscilla Dabney (251-367-1902) will be the volunteer Zone Captain for the Daphne Zone. If you would like, I am available to speak with the City Council regarding this issue and the Annual Alabama Coastal Cleanup.

Your assistance is greatly appreciated. I look forward to hearing from you soon.

Sincerely,

Phillip Hinesley
Coastal Section Chief

cc Ashley Campbell

Ready to de-clutter this spring?

KEEP DAPHNE BEAUTIFUL DAY

May 16th
10 am - 1 pm
Daphne City Hall



Free, convenient help to spruce up your life and Keep Daphne Beautiful.

Information:
Michele Hanson
Daphne Public Works
mthanson@daphneal.com
621-3182

Keep 
Daphne
Beautiful

KEEP AMERICA BEAUTIFUL AFFILIATE

**More Details
to Follow.
Stay Tuned!**



Big recycling event, ceremony Saturday to kick off Daphne participation in Keep America Beautiful

Marc D. Anderson | manderson@al.com By Marc D. Anderson | manderson@al.com

Email the author | Follow on Twitter

on May 13, 2015 at 1:23 PM, updated May 13, 2015 at 1:29 PM

Daphne City Hall is shown in this 2010 Press-Register file photo.

With a goal of increasing residents' environmental awareness and boosting beautification efforts in Daphne, the city has become a member of Keep America

Beautiful.

The national nonprofit's mission is to educate individuals about litter prevention and ways to reduce, reuse, recycle, and properly manage waste.

Last spring, the council approved a one-time application fee of \$3,000 to join Keep America Beautiful under the affiliate charter name of Keep Daphne Beautiful.

The new initiative will officially launch Saturday, May 16, with a ceremony and recycling event, dubbed Keep Daphne Beautiful Day, hosted by the Daphne Beautification Committee and the Public Works Department at Daphne City Hall.

Representatives from Keep America Beautiful will present the city with a membership certificate.

Beginning at 10 a.m. residents will have the opportunity to drop off multiple items for disposal such as aerosol cans, cleaners, computers, electronic equipment, insecticides, and propane cylinders, according to a city news release.

Other opportunities to clean up and clean out include:

- Disposal of out-of-date prescriptions handled by the Daphne Police Department.
- Drop-off for clothes, shoes, toys, and other household items collected by St. Paul's Thrift Store.
- Grease disposal provided by Daphne Utilities.
- Document shredding services provided by Gilmore Services.
- Old tire collection provided by PepBoys.
- Disposal of brake fluids, transmission fluid, and motor oil provided by Sandy Sansing Ford.

Other activities include a Rain Barrel Workshop, Garbage Cart Washing, and car seat and smoke alarm installation provided by Daphne Fire Department.

Activities will continue through the ceremony and conclude at 1 p.m.

Daphne City Hall is located at 1705 Main St.

For more information regarding Keep Daphne Beautiful Day, call Daphne Public Works at 251-621-3182.

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MCM Public Involvement/Public Participation
3.2.5 Daphne America's Recycle Day

| Event | Date |
|------------------------------|------------|
| Daphne America's Recycle Day | 11/14/2015 |



City of Daphne America's Recycle Day

& Amnesty Day

Used motor oil, antifreeze, transmission fluid, old gas will be collected at 911 Shop Lane.

Electronics will be collected at Daphne City Hall

No Hazardous Material

Saturday, November 14, 2015

Join us for a day of Free Family Fun, Food, Games and Great Prizes.

MEET US ON THE FRONT LAWN AT CITY HALL

10:00 A.M. -2:00 P.M.



For More Information: www.daphneal.com or 251-621-3182



Keep
Daphne
Beautiful

KEEP AMERICA BEAUTIFUL AFFILIATE

Sponsors:



MCM Public Involvement/Public Participation
3.2.5 City Recycle Totals

| 2015 Recycle Product | Qty | Units |
|------------------------------|----------|---------|
| Aluminum | 192.00 | Pounds |
| Steel, Tin | 30880.00 | Pounds |
| Iron | 2346.00 | Pounds |
| Glass | 246.51 | Pounds |
| Kitchen Oil-Grease | 26303.20 | Pounds |
| Electronic | 101.20 | Tons |
| Co-Mingled | 1720.85 | Tons |
| Batteries Auto | 644.00 | Pounds |
| Motor Oil | 3.63 | Tons |
| Tires | 3.22 | Tons |
| Total Used Oil Gallons | 1165.00 | Gallons |
| Oil & Water | 30.00 | Gallons |
| Total Used Oil Filters Drums | 5.00 | Drums |
| Total Tires | 266.00 | Tires |

MCM Public Participation/Public Outreach

3.2.6 Arbor Day

| Event | Date |
|--------------------------|-----------|
| Arbor Day Tree Give Away | 2/27/2016 |

City of Daphne Annual Arbor Day Tree Give-Away



Saturday, February 27, 2016

8:00 a.m. – 11:00 a.m.

Daphne Civic Center Complex

4,000 Trees will be given away as part of the City's Arbor Day celebration to promote the Jubilee City's beautification to plant trees for a healthier environment. There will be 25 different Tree Species available.

| | |
|---|-----------------------------|
| <i>Crape Myrtles (red, white, pink, purple)</i> | <i>River Birch</i> |
| <i>White Dogwood</i> | <i>Red Maple</i> |
| <i>Eastern Redbud</i> | <i>Bald Cypress</i> |
| <i>Carolina Silver-bell</i> | <i>Willow Oak</i> |
| <i>Saucer Magnolia</i> | <i>Tulip Poplar</i> |
| <i>Sweetbay Magnolia</i> | <i>Southern Magnolia</i> |
| <i>Okame Cherry</i> | <i>Ginkgo</i> |
| <i>Yoshino Cherry</i> | <i>Hop-Hornbeam</i> |
| <i>Fringe- Grancy Graybeard</i> | <i>Hackberry</i> |
| <i>Sourwood</i> | <i>Blue Beech- Ironwood</i> |
| <i>Southern Crabapple</i> | <i>Southern Red Oak</i> |
| <i>Flatwoods Plum</i> | <i>Sycamore</i> |
| <i>Kieffer Pear</i> | <i>Orient Pear</i> |

Event sponsored by the City of Daphne, Daphne Beautification Committee and Public Works Department

Special Thanks to Daphne High School Future Farmers of America, Daphne Utilities, Riviera Utilities



MCM Public Involvement/Public Participation
3.2.7A, B, C, D Environmental Web Page

| Title | Date |
|-------------------------------|-----------|
| Daphne Environmental Web Page | 3/17/2016 |

Businesses

Finance / Revenue / Bids
 Building Departments
 Forms

Environmental Management



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Thank you for visiting the City of Daphne Environmental Management page! To learn more about our efforts or to contact us, please use the menu above

About

[Home](#) | [Stormwater Runoff](#) | [Watersheds](#) | [Stormwater Management](#)

Stormwater Runoff

Stormwater runoff is generated when water from rain or other precipitation flows over land or impervious surfaces (such as paved streets, parking lots, and building rooftops) and does not seep into the ground. As this runoff flows, it accumulates debris, chemicals, sediment and other pollutants that could harm water quality if it is discharged untreated into our local water bodies.

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Watersheds

Information coming soon!

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Stormwater Management (MS4)

Under the 1987 Clean Water Act Amendments, the U.S. EPA developed new stormwater regulations to address storm water that might impact water quality. These new regulations were set up in a two Phase National Polluted Discharge Elimination System (NPDES) permitting approach based upon population and are enforced by the U.S. EPA, delegated to most States. The expression Municipal Separate Storm Sewer System (MS4) was given to the permittees. The regulatory definition of an MS4 (40 CFR 122.26(b)(8)) is "a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, man-made channels, or storm drains): (i) Owned or operated by a state, city, town, borough, county, parish, district, association, or other public body (created to or pursuant to state law) including special districts under state law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the Clean Water Act that discharges into waters of the United States; (ii) Designed or used for collecting or conveying stormwater; (iii) Which is not a combined sewer; and (iv) Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2." In practical terms, operators of MS4s can include municipalities, counties, state and federal departments of transportation, and public universities.

Phase I, issued in 1990, dealt with MS4s serving an urban population greater than 100,000 people and in Alabama. There are approximately 750 Phase I MS4s in the United States (US).

Phase II, issued in 1999, requires regulated small MS4s in urbanized areas, as well as small MS4s outside the urbanized areas that are designated by the permitting authority, to obtain NPDES permit coverage for their stormwater discharges. The City of Daphne fell into this phase of permitting. There are approximately 6,700 Phase II MS4s in the US.

In Alabama, the Alabama Department of Environmental Management (ADEM) enforces the NPDES MS4 permitting program. In 2012, the City of Daphne was designated by ADEM as an owner/operator of a Phase II MS4. The City received its initial MS4 Phase II Stormwater NPDES permit ALR040039 ([Link to permit](#)) on December 21, 2011. The current permit coverage will expire on January 31, 2016.

The intent of the Phase II regulations is to reduce the adverse impacts to water quality and aquatic habitat by the development of a stormwater management program, instituting the use of controls and measurable goals for the following six stormwater related *"Minimum Control Measures (MCM)"*

- **Public Education and Outreach MCM** – The Public Education and Outreach (MCM 1) requires the City to implement and evaluate a public education and outreach program that distributes educational materials to the community or conducts equivalent outreach activities about the impacts polluted discharges on water bodies and the steps that the public can take to reduce pollutants in stormwater runoff to the maximum extent practical.
- **Public Participation / Involvement** – The Public Participation / Involvement (MCM 2) requires the City to develop, implement and evaluate a public participation program centered on the City's Stormwater Management Program and its annual report. Ongoing activities for public involvement may include advisory councils, watershed associations, committees, stewardship programs and other environmental related activities.
- **Illicit Discharge Detection and Elimination (IDDE)** – The Illicit Discharge Detection and Elimination (MCM 3) requires the City to develop, implement, enforce, and evaluate a program to detect and eliminate illicit discharges and improper disposal, including spills not under the purview of another responding authority, into the City's regulated MS4 area, to the maximum extent practicable.
- **Construction Site Runoff Control** – The Construction Site Stormwater Runoff Control (MCM 4) requires the development, implementation, and enforcement of a program to reduce, to the maximum extent practicable, pollutants in any stormwater runoff to the MS4 from construction activities that result in a total land disturbance of greater than or equal to one (1) acre and activities that disturb less than one (1) acre but are part of a larger common plan of development or sale that would disturb one (1) acre or more.
- **Post-Construction Stormwater Management** – The Post-Construction Stormwater Management (MCM 5) goal is to minimize water quality impacts from new development and re-development sites by ensuring the implementation of proper Best Management Practices and their long term maintenance.
- **Pollution Prevention / Good Housekeeping** – The Pollution Prevention / Good Housekeeping for Municipal Operations (MCM 6) requires the City to develop and implement a program for pollution prevention and good housekeeping for its municipal operations. It also requires the development and implementation of an employee training program designed to prevent and reduce stormwater pollutants, to the maximum extent practicable, in areas such as parks maintenance, fleet and building maintenance, new construction and land disturbances, stormwater system maintenance, and all other applicable municipal operations.

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Programs

[Home](#) | [Workshops](#) | [Watershed/Stream Restoration](#) | [Teacher's Corner](#)

[Invasive Exotic Plant Control](#)

Bay Front & Village Point Parks Invasive Exotic Plant Control- Invasive exotic plants are those that come from other geographic areas, often other countries or regions of the world, such as Asia. Some are intentionally introduced and other arrive here accidentally. Invasive exotic plants displace native species and alter their natural habitats. As a result, plant community diversity is diminished and wildlife populations suffer.

You can help prevent the spread of invasive exotics by planting only native species in your landscape, remove invasive exotics from your yard and tell others about the problem with invasive exotic plants.

Village Point Habitat Management Plan-The primary objectives of this plan are to guide management of these parklands in such a way that:

- Restores and sustains appropriate natural plant communities through the control of invasive exotic plant species and planting of appropriate native plants when and where needed.
- Optimizes habitat conditions for wildlife species expected to utilize the habitats present in the parks.
- Provides the public with opportunity for passive recreational activities, environmental education, and enjoyment.

Workshops

Daphne's Environmental Programs host training workshops throughout the year. If you are interested in having a workshop in Daphne contact: emp@daphneal.com.

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Watershed/Stream Restoration

Information coming soon!

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Teacher's Corner

If you are interested in having a class room presentation on environmental topics, contact epr@daphneal.com.

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Contact

[Home](#) | [Report Illegal Discharge](#) | [Press](#) | [Contact Information](#)

Report Illegal Discharge

If you believe that pollutants are being discharged into Daphne creeks, or the city's storm sewer system, please contact us using one of the following methods:

- Call our office at (251) 621-3080, or
- Fill out the [Reporting Illicit Discharge Form](#). Please submit the form by:
 - Email: acampbell@daphneal.com
 - Mail: P O Box 400, Daphne, AL 36526

Please ensure the following information is provided in your e-mail or voice mail:

- Name
- Address
- Phone
- Location or Address of Problem
- Type of Problem
- Date of occurrence
- Name of company and/or description of individuals involved

IF YOU ARE REPORTING AN EMERGENCY SITUATION THAT COULD RESULT IN IMMINENT AND SUBSTANTIAL DANGER TO THE HEALTH AND SAFETY OF PERSONS, PLEASE DISREGARD THE FORM AND CALL 911.

The City of Daphne provides this service to allow concerned citizens to file e-mail or telephone/voice mail reports regarding the discharge of pollutants to rivers, creeks, and the storm sewer system within the city limits of Daphne. A tracking number will be assigned to each complaint received and an investigation initiated. The results of the investigation and any actions taken shall be documented and submitted to ADEM in the City's annual storm water program report.

Note: Anonymous complaints received by e-mail or telephone, or complaints with unverifiable contact information cannot be investigated. It is the policy of the City of Daphne to keep contact information confidential.

False Complaints

Please remember that reporting violations of environmental laws is a serious matter, and could result in criminal and/or civil sanctions being assessed against the person or company being reported. Knowingly or intentionally making a false complaint is a violation of Alabama Law.

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Press

Click [here](#) to sign up to receive Daphne Environmental Management updates and alerts!

News Articles

- [Algae Systems](#): working with Daphne Utilities to produce fuel from sewage

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Stormwater Drainage & Erosion Complaints

Information coming soon!

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Resources

[Home](#) | [Brochures](#) | [Links](#) | [Documents](#)

Brochures

Information coming soon!

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Links

- [Clean Water Future](#) : A public service campaign to help Alabamians 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.
- [Mobile Bay National Estuary Program](#)
- [The Mesothelioma Center \(Asbestos.com\)](#) : The Mesothelioma Center is an asbestos awareness group that works to educate the public about the dangers of asbestos. Asbestos can cause many different diseases including lung cancer and mesothelioma. This organization works with those afflicted by asbestos-related diseases and helps them find local doctors, treatment centers and support groups, all free of charge. Their website has the most up to date information on the topic including Alabama specific information.

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Phase II MS4 Documents:

[City of Daphne Phase II MS4 Permit](#)

[City of Daphne Phase II MS4 Permit Modification](#)

MS4 Phase II Stormwater Management Program Plan (SWMPP) & Water Quality Monitoring Plan

[2015 City of Daphne SWMPP & Water Quality Monitoring Plan](#)

MS4 Phase II Annual Reports:

[2014-2015 Annual Report](#)

- [Compliance Chart – Goals & Achievements](#)
 - [MCM 1 Compliance](#)

- [MCM 2 Compliance](#)
- [MCM 3 Compliance](#)
- [MCM 4 Compliance](#)
- [MCM 5 Compliance](#)
- [MCM 6 Compliance](#)
- [Water Quality Monitoring Compliance](#)

2013-2014 Annual Report

- [Compliance Chart – Goals & Achievements](#)
 - [MCM 1 Compliance](#)
 - [MCM 2 Compliance](#)
 - [MCM 3 Compliance](#)
 - [MCM 4 Compliance](#)
 - [MCM 5 Compliance](#)
 - [MCM 6 Compliance](#)
 - [Water Quality Monitoring Compliance](#)

2012-2013 Annual Report

- [Compliance Graph](#)
 - [MCM 1 Compliance](#)
 - [MCM 2 Compliance](#)
 - [MCM 3 Compliance](#)
 - [MCM 4 Compliance](#)
 - [MCM 5 Compliance](#)
 - [MCM 6 Compliance](#)

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Residents

- Animal Shelter
- Parks & Recreation
- Schools & Churches
- Medical Facilities
- Utilities
- Community Development
- Senior Opportunities
- Library
- Public Works
- Human Resources
- Fire Department
- Police Department
- IT Department

Visitors

- All About Daphne
- Tourism
- Bayfront Pavilion
- Civic Center

Businesses

- Finance / Revenue / Bids
- Building Departments
- Forms

Emergency

- Emergency Alerts
- Preparedness
- Useful Phone Numbers
- Shelter Information
- Related Links
- Employee Notifications

Government

- Mayor
- City Council
- Council Agenda
- Council Packet
- Ordinances
- Office of the City Clerk
- Committees
- Court

Contact Info

- Daphne City Hall
- P.O. Box 400
- Daphne, Alabama 36526
- 251.621.9000

Weather

Daphne, AL
59°F Mostly Cloudy
 WU WEATHER UNDERGROUND

Find Us On
[facebook](#)



Created by
PACSYNC

**MCM 2 Public Participation Public Involvement
3.2.9 Attendance of Other Agency Meetings**

| Environmental Agency | Date | Meeting Topics | Location | Env. Group |
|--|-------------|--|---------------------------|-----------------------|
| ACF | | | | |
| <i>Baldwin County Hazard Mitigation Planning Committee</i> | 12/17/2015 | BC Water Festival Steering Committee | Weeks Bay Foundation | ACF |
| | 4/24/2015 | Hazard Mitigation Grant | Summerdale | Plan Update Kickoff |
| | 10/22/2015 | Hazard Mitigation Plan Revision Exercises | Robertsdale Central Annex | BC EMA |
| | 12/11/2015 | Hazard Mitigation Grant | Summerdale | BC EMA |
| <i>Coastal Alabama Clean Water Partnership (CAWP)</i> | | | | |
| | 5/5/2015 | CACWP-Partner Updates** | Five Rivers | Partner Updates |
| | 7/14/2015 | CACWP-Partner Updates | Killian Room | Partner Updates |
| <i>Mobile Bay National Estuary (MBNEP)Community Action Committee (CAC)</i> | | | | |
| | 3/3/2015 | CWF-Lewis Communications Meeting | Mobile Bay NEP | |
| | 5/15/2015 | CAC | Five Rivers | Cast Webpage Campaign |
| | 7/24/2015 | CAC | Five Rivers | Guest Presenters |
| <i>MBNEP Science Advisory Committee (SAC)</i> | | | | |
| | 6/2/2015 | SAC DC Watershed Restoration Monitoring Planning Meeting | Mobile | MBNEP/DISL |
| | 7/9/2015 | MBNEP Vol Monitoring Meeting | Five Rivers | MBNEP |
| | 9/22/2015 | Management Plan Update | Five Rivers | MBNEP |
| <i>MBNEP NFWF</i> | | | | |
| | 3/3/2015 | USCOE Permitting Scenario | Mobile | MBNEP |

**MCM 2 Public Participation Public Involvement
3.2.9 Attendance of Other Agency Meetings**

| Environmental Agency | Date | Meeting Topics | Location | Env. Group |
|---|-------------|---|---------------------------------|-----------------------------|
| Mobile Bay National Estuary Project Implementation Committee (PIC) | | | | |
| | 4/21/2015 | MBNEP PIC- Tiawasee Update | Five Rivers | Project Updates- |
| | 7/9/2015 | Volunteer Monitoring Meeting** | Five Rivers | Monitoring Efforts |
| | 7/14/2015 | MBNEP PIC | Killian Room | Project Updates- |
| | 8/28/2015 | Watershed Monitoring** | Five Rivers | AWW, etc |
| | 9/18/2015 | D'Olive Monitoring Summit | Mobile | D'Olive Monitoring |
| | 11/12/2015 | MBNEP PIC | Five Rivers | Project Updates- |
| Other Meetings | | | | |
| | 2/27/2015 | Alabama Coastal Improvements Plan | Fairhope | Coastal Improvements |
| | 3/3/2015 | USACE D'Olive Meeting ** | USACE Mobile | Restoration Overview |
| | 4/1/2015 | Sea Grant 2015 Site Review ** | Mississippi | Project Review |
| | 4/21/2015 | USA Students-Williams Dirt Pit** | Mobile | USA Senior Design Symposium |
| | 5/20/2015 | FEMA/OWR Alabama Coastal Flood Study ** | | |
| | 6/11/2015 | LFPOA-Monthly Meeting** | Daphne | Lot Fee Waivers |
| | 7/24/2015 | Environmental and Recreation Stakeholder Meeting Spanish Fort Causeway | | |
| | 3/2/2016 | Weeks Bay Watershed Management Plant Stakeholder Meeting | Baldwin County Central Annex | Watershed Management Plan |
| ** Attended But Not Counted in Goals | | | | |

2016 Baldwin County Water Festival Steering Committee Meeting

9:30am, Thursday, December 17, 2015

Weeks Bay Foundation Office (11401 US-98, Fairhope) or to join by phone, dial 1-605-475-3235 and then 374843# as the participant code.

- I. Welcome and introductions**
- II. Any changes to the draft agenda?**
- III. Confirm the purpose of conducting water festivals:** The purpose is to provide fourth grade students an opportunity to have fun while learning the importance of water, conservation, and the environment.
- IV. Current Status:**
 - a. Date:** Wednesday, March 16, 2016
 - b. Location:** Baldwin County Coliseum
 - c. Capacity:** 700
- V. Discussion Topics:**
 - a. Talk through the concept of holding traveling water festivals.**
 - b. How many schools will be able to participate? What deadlines do we need to set?**
 - c. Which lessons should we do?**
 - d. What supplies and materials will we need?**
 - e. What other costs?**
- VI. Funding Availability/Options:**
 - a. Gulf Coast RC&D: Confirmed**
 - b. Other funders/sponsors?**
- VII. Identify potential volunteers:**
 - a. Agencies**
 - b. Businesses**
 - c. Coastal Alabama Service Learning (High School)**
 - d. Other?**
- VIII. Talk through next steps**
- IX. Adjourn**

The mission of the Alabama Coastal Foundation is to improve and protect Alabama's coastal environment through cooperation, education, and participation.

Baldwin County
Hazard Mitigation Planning Committee
Hazard Mitigation Plan Revision Kick-Off Meeting

Meeting Location & Time:

Baldwin County Emergency Operations Center
Upstairs Training Room
23100 McAuliffe Drive
Robertsdale, AL 36567
April 24, 2015
2:00pm-3:30pm

Agenda

- I. Call to Order
- II. Welcome and Opening Remarks
- III. Introduction of Consultant Team
- IV. Scope of 2015 Plan Update
- V. Organization of 2015 Plan
 - A. Part I – Comprehensive Plan
 - Chapter 1 Introduction
 - Chapter 2 Prerequisites
 - Chapter 3 Community Profiles
 - Chapter 4 The Planning Process
 - Chapter 5 Risk Assessment
 - Chapter 6 Mitigation Strategy
 - Chapter 7 Plan Maintenance Process
 - B. Part II – Community Action Programs
 - C. Appendices - Evidence and Supporting Documentation
- VI. Review Draft Updates
 - A. Introduction - Chapter 1 and App. A Federal Requirements
 - B. Prerequisites - Chapter 2 and App. J Adopting Resolutions
 - C. Plan Maintenance - Chapter 7
- VII. HMPC Exercise – Hazard Identification and Ratings
- VIII. Meeting Dates and Topics
- IX. Internet Access: baldwin.hazardmitigationplan.com
- X. Questions and Answers
- XI. Other Business
- XII. Adjourn

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**BALDWIN COUNTY
HAZARD MITIGATION PLANNING COMMITTEE
MINUTES
OCTOBER 22, 2015
BALDWIN COUNTY CENTRAL ANNEX AUDITORIUM
ROBERTSDALE, ALABAMA**

ATTENDANCE

Members present were: Reggie Chitwood, Baldwin County EMA; Danon Hoagland, Baldwin County EMA; John Frank, Baldwin County EMA; Mike Howell, Baldwin County; Scott Wallace, Baldwin County EMA; Wayne Redditt, Baldwin County EMA; Joseph (Joe) Bouzan, City of Foley; Rachel Keith, City of Foley; Charlie Jones, Baldwin County SO; Erik Cortinas, City of Fairhope; Teresa Porter, Alabama Department of Public Health; Ashley Campbell, City of Daphne; Patsy Parker, Town of Perdido Beach; Landon (Lannie) Smith, City of Orange Beach; Jenni Guerry, Baldwin County EMA;

Guests present: Jim Lehe, Lehe Planning; Lee Anne Ryals, Lehe Planning;

Danon Hoagland called the meeting to order at 3:10pm.

OPENING COMMENTS

Danon Hoagland gave opening remarks, and discussed the agenda for the meeting and the subsequent (4pm-6pm in the same location immediately following the business meeting) Community "Open House" Meeting.

Reggie Chitwood followed with a brief welcoming statement and recap of progress and teamwork in the planning process thus far.

PRESENTATION

Lee Anne Ryals gave the presentation, which was a review of the most recent draft updates: Chapter 6 – Mitigation Strategy; Appendix B – Community Mitigation Capabilities; Appendix C – 2010 Plan Implementation Status; Appendix F – Alternative Mitigation Measures.

OLD BUSINESS

Jim Lehe discussed the next meeting date, which was tentatively scheduled for November 13, 2015. Mr. Lehe advised the meeting date would need to be moved to December 11, 2015. Danon Hoagland advised she would make the change and notify Committee members with a reminder via email.

Mr. Lehe and Mrs. Ryals discussed the approval pending adoption, and resolution for adoption process with the Committee members.

Danon Hoagland advised that the meeting minutes from 08/14/2015 need to be approved and turned the meeting over to Chairperson Lannie Smith.

Lannie Smith presented the minutes to the Committee, ask for any corrections or revision to be identified, and requested a motion for approval of the 08/14/15 meeting minutes with one correction, the addition of Mike Howell to the attendees having been made.

Motion by Joe Bouzan, seconded by Erik Cortinas to approve the August 4, 2015, Hazard Mitigation Planning Committee Meeting Minutes at 3:50pm.

Ayes: 15

No: 0

Abstain: 0

MOTION PASSED

NEW BUSINESS

Jim Lehe briefed HMPC members on the fourth exercise in the plan revision process, the Community Action Program, and gave a due date of November 9, 2015, for the Committee members to turn their exercise submissions in to Danon Hoagland.

The members present were encouraged to continue to review the website established by Lehe Planning for the Baldwin County Hazard Mitigation Plan 2015 Update and to provide comments when necessary.

ADJOURNMENT

Meeting adjourned at 11:01am.

Minutes for this meeting were adopted by the Baldwin County Hazard Mitigation Planning Committee on 10/22/2015 during the Full Body Meeting, which preceded the Community Open House Meeting for the Hazard Mitigation Plan 2015 Update.

Chairperson Landon K. Smith

Date

Baldwin County
Hazard Mitigation Planning Committee
Hazard Mitigation Plan Revision Meeting

Meeting Location & Time:

Baldwin County Emergency Operations Center
Ops Room
23100 McAuliffe Drive
Robertsdale, AL 36567
Friday, December 11, 2015
10:00 am - 11:30 am

Agenda

- I. Call to Order
- II. Welcome and Opening Remarks
- III. <http://baldwin.hazardmitigationplan.com/> updates
- IV. Review Draft Plan Updates
 - A. Chapter 4. Planning Process
 - B. Part II: Community Action Programs
- V. FEMA Approval Procedures
- VI. Local Plan Adoption
- VII. Questions and Answers
- VIII. Other Business
 - A. Approve Minutes
- IX. Adjourn



Coastal Alabama
Clean Water Partnership

**Coastal Alabama Clean Water Partnership
Steering Committee Meeting
Tuesday, July 14th, 2015
10:00 AM
International Trade Center
250 N. Water St.
Mobile, AL 36602**

Agenda

1. Call to Order & Introductions
2. Clean Water Partnership Updates
 - Allison Jenkins
 - Christian Miller
3. Soil & Water Conservation District Updates
 - Mobile County
 - Baldwin County
4. ADEM Coastal Nonpoint Program Update
 - Randy Shaneyfelt, ADEM-Coastal Program
5. Partner Updates
6. Adjourn

Lunch will be served at noon

- Mobile Bay Project Implementation Committee meeting to follow at 12:30

Joint Effort... **MBNEP/Lewis**

Creating a Clean Water Future by Restoring D'Olive Watershed

3/3/15



Press Contact: Mark Anderson 251-219-5478

TV Channel 5-Debbie Williams 251-680-9548

Brief

Intro to problem...article and video

Restoration Strategies & Goals:

Joe's Branch

Before, during and After TV Interview and press article

Maybe cover Spanish forts efforts, Westminster and Church's Commitment , USA project with SFHS, etc.

Mobile Bay NEP CAC Meeting

Five Rivers Delta Resource Center
May 15, 2015 at 11:30 am

In attendance:

Mark Berte, Alabama Coastal Foundation
Ashley Campbell, D'Olive Working Group
Leslie Gahagan, Wolf Bay Watershed
Matthew Hinton, Spanish Fort Environmental Manager
Nickelle Stoll, Mobile Baykeeper
Harold White, Fowl River Area Civic Association
Claire Wilson, Dog River Clearwater Revival

Staff: Kelley Barfoot, Roberta Swann, Rick Frederick, Amy Newbold

Takeaways

- The NEP will create a 5-7 minute video or presentation for CAC members to use as a tool for explaining the watershed planning process and the importance of community involvement.
- The Business Resources Committee is developing a Clean Water Future Campaign focused on truck bed litter and packaging debris.
- The CAC will focus its upcoming efforts on what their role in the Clean Water Future campaign is and will focus on three capable activities that can be achieved by the end of the year.

1. Welcome

Meeting called to order at 11: 40 am

2. Approval of minutes

Approval of minutes from the January 23, 2015 meeting was motioned by Mark Berte and second by Nickelle Stoll.

3. MBNEP Program Report

a. Watershed Plan Update

Roberta Swann gave an overview of the MBNEP's 2015 Strategy Map and how it relates to the current watershed planning initiative. The Community Action Committee's role is to educate, motivate and advocate constituents to change behavior as well as to communicate our commitment to the environment. She addressed an upcoming project the NEP will undertake to help CAC members to articulate what is happening during the watershed planning phases to their members/constituents. The NEP will create a presentation or a 5-7 minute video explaining the process and the importance of community involvement.

b. Clean Water Future-Lewis Communication Results

Rick Frederick gave an overview of the results from the Lewis Communications research results. He stated the NEP also conducted some litter research and showed

the results to the group. The next step of the Business Resources Committee is to develop a campaign focused on truck bed litter and packaging debris.

4. Old Business

a. Strategy: Survey Results and Participants

Kelley Barfoot showed a table with the YR1 Survey results. While analyzing the results the NEP concluded the results were miscued by the questions lacking detail of exactly what information was needed. A 'definition' page will be emailed to the group to use as a guide while completing the survey. The next survey (YR2) is due May 31th with the possibility of extension.

5. Clean Water Future Partners/Event Update

Leslie Gahagan gave an overview of the current partners for the Clean Water Future Campaign. She showed maps of local partner distribution throughout the two coastal counties and the state wide partners. She will be attending the Annual Soil & Water Conservation Society Alabama Chapter Conference in June. The theme of this year's conference is Creating A Clean Water Future through soil and water conservation. She will also be attending the International Soil & Water Conservation Society Conference in July in Greensboro North Carolina where she will be presenting the Create A Clean Water Future public education campaign. She stated if the Soil & Water Conservation Society adopts the Clean Water Future Campaign, it would be implemented state-wide throughout 10 watershed basins.

6. CAC's Role in Clean Water Future

Roberta Swann talked about the top three activities that place-based groups, NGO's and local government are capable of achieving through the end of the year for the Clean Water Future campaign. She gave three examples for each group and asked attending members if these were realistic and achievable goals. Claire Wilson with the Dog River Clearwater Revival stated she could definitely promote the campaign via social media and newsletters as well as incorporate the campaign into their existing events.

7. Announcements

a. Next Survey

The next survey YR2 has been sent out in the April newsletter and the current deadline is May 31st, but could be extended due to need for 'definition'.

b. Upcoming Workshop

A Fundraising workshop will be held on June 19th from 9-1pm at the International Trade Center.

c. Next Meeting(s) Schedule

The next CAC meeting is scheduled for July 24th from 11:30-1pm at Five Rivers Delta Center. The CAC will have its annual retreat on October 23, 2015 rom 9-12pm at the Graham Creek Nature Preserve in Foley, AL.

8. Adjourn

Mark Berte motioned for the meeting to adjourn at 1:02pm and was second by Ashley Campbell.



Mobile Bay National Estuary Program Community Action Committee Meeting

Five Rivers Delta Center
Friday July 24, 2015 at 9:00 a.m.

Agenda

1. Welcome & Introductions
2. Approval of Minutes 5/15/2015
3. Recap from Fundraising Workshop & Volunteer Monitoring Meeting
 - a. Guest Presenters
 - i. Claire Wilson-Dog River Clean Water Revival
 - ii. Leslie Gahagan-Wolf Bay Watershed Watch
4. Updates/Discussion
 - a. Guest Presenters
 - i. Dennis Hatfield-Little Lagoon Preservation Society
 - ii. Debi Foster-The Peninsula of Mobile
5. Clean Water Future Day Planning/Discussion
6. Announcements
 - a. Upcoming Workshops
 - b. Next meeting
7. Adjourn

Mobile Bay NEP CAC Meeting

Five Rivers Delta Resource Center
July 24, 2015 at 9:00 am



In attendance:

Mark Berte, Alabama Coastal Foundation
Casi Callaway, Mobile Baykeeper
Ashley Campbell, D'Olive Working Group
David Dueitt, Lake Forest Improvement Committee
Debi Foster, the Peninsula of Mobile
Leslie Gahagan, Wolf Bay Watershed
Matthew Hinton, Spanish Fort Environmental Manager
Tracy McClure, the Peninsula of Mobile
Harold White, Fowl River Area Civic Association
Claire Wilson, Dog River Clearwater Revival

Staff: Kelley Barfoot, Amy Newbold

Takeaways

- Notes will be sent out regarding Fundraising Workshop. The next step will be to send out a survey/follow up questionnaire.
- Notes and presentations will be sent out regarding Volunteer Monitoring Meeting. The next step will be to engage the two counties educators and superintendents regarding the involvement of youth as monitors through the school systems.
- The CAC will designate a Clean Water Future day via Doodle Poll to the members. Once a date is established planning of activities/social media/press will begin.
- Grant Writing Workshop will be held on August 19, 2015 for CAC members and their affiliates. More information will be sent out once scheduling is finalized.

1. Welcome & Introductions

Meeting called to order at 9:03 am

2. Approval of minutes

Approval of minutes from the May 15, 2015 meeting was motioned by David Deuitt and second by Harold White.

3. Workshop & Meeting Recap

a. Fundraising Workshop

A Fundraising workshop was held on June 19, 2015 at the International Trade Center, Killian Room from 9-noon. The CAC chairs will develop a follow-up survey and send to attendees along with notes from the workshop to CAC members.

b. Volunteer Monitoring Meeting

Amy Newbold gave a brief overview of the Volunteer Monitoring Meeting that was held on July 9, 2015 at Five Rivers Delta Center from 9:00-noon. The purpose of the

meeting was to provide an overview of the active monitoring efforts throughout the two coastal counties. Guest presenters included Leslie Gahagan with Wolf Bay Watershed Watch, Ashley Campbell with City of Daphne, Dr. Mimi Fearn with Dog River Clearwater Revival, Christian Miller with Sea Grant/MBNEP, Mona Dominguez with Alabama Water Watch, Mark Berte with Alabama Coastal Foundation, Edward Bauer and students with Washington High School Marine Science Academy, and Kenny Langley with Mississippi State University/YES Curriculum. Each presenter addressed their concerns and challenges with maintaining chemicals and active volunteers for testing. The next step will be to engage the two counties educators and superintendents regarding the involvement of youth as monitors through the school systems. Notes and presentations are available on the [MBNEP website under Community Action Committee](#).

c. Guest Presenters

Claire Wilson with Dog River Clearwater Revival and Leslie Gahagan with Wolf Bay Watershed Watch both gave brief presentations regarding their organizations. Presentations are available on the [MBNEP website under Community Action Committee](#).

4. Updates/Discussion

a. Guest Presenter

Debi Foster gave a presentation regarding the current status and work efforts of the Peninsula of Mobile group. Presentations are available on the [MBNEP website under Community Action Committee](#).

b. Clean Water Future Day Planning/Discussion

Casi Callaway opened the discussion asking the CAC members to brainstorm on what an effective Clean Water Future Day would be. Many suggestions were made including keeping it simple by establishing a Clean Water Future week. This designated week would include all CAC members/groups to use social media and press to spread the word of the importance of a Clean Water Future. It was decided a Doodle Poll would be sent out to the members asking them to vote on a specific date(s) to establish as Clean Water Future Day. This would aid the MBNEP and the CAC in accomplishing its goals in the five year strategy.

5. Announcements

a. Upcoming Workshops

Water Words that Work: Working with School

Location: Online Streaming

Date: July 29, 2015 at 1:00 p.m.

Making a Visible Difference in Communities

Location: Online Streaming

Date: August 4-6

Contact MBNEP if you would like to sign up

Grand Writing Workshop for CAC Members

Location: To Be Determined

Date: August 19, 2015

Information will be sent out once scheduling is finalized

b. Next Meeting(s) Schedule

The CAC Retreat is scheduled for October 23, 2015 from 9:00-noon at Graham Creek Nature Preserve in Foley, AL.

6. Adjourn

The meeting adjourned at 10:40 a.m.





**Mobile Bay National Estuary Program
Science Advisory Committee Meeting
June 2, 2015
Blakeley Hall, Five Rivers Delta Resource Center
30945 Five Rivers Boulevard Spanish Fort, AL 36527
10:00 am – 12:00 pm**

Agenda

Welcome & Review and approval of minutes from previous meeting
Fred Leslie, Alabama Department of Environmental Management

Align Around Areas of Concern
Voting Member Commitment Forms
Fred Leslie/Renee Collini, ADEM/MBNEP

Execute with/through Partners
EPA Study – Transferability of Planning Tools Across Locations and Management Issues: Case Studies
Dr. Richard Fulford, EPA Gulf Breeze

Data Aggregation Update
Renee Collini, MBNEP

LDI and BCG Discussion
Tom Strange, Sustainable Ecosystem Restoration

Discussion of Proposed Changes to the Monitoring Framework
Renee Collini, MBNEP

Habitat Mapping RFP
Amy Newbold, MBNEP

Adjourn



**Mobile Bay National Estuary Program
Science Advisory Committee Meeting
Five Rivers Delta Resource Center, Mobile AL
June 2, 2015**



The Mobile Bay National Estuary Program Science Advisory Committee was established to bring area experts together to provide advice, guidance, and recommendations to ensure that the MBNEP activities will be conducted in a scientifically relevant and rigorous manner.

In attendance:

Voting Members Present: Brian Dzwonkowski, Dennis DeVries, Fred Leslie, John Lehrter, Julien Lartigue, Latif Kalin, Marlon Cook, Randy Shaneyfelt, Ruth Carmichael, Stephen Jones, Steve Ashby, Steve Heath, Tim Thibaut, Tom Strange.

Phone-in Voting Members: Ted Mason

Proxy Voting Members: Dottie Byron for Ken Heck.

Non-voting Members: Lisa Huff, Mark Ornelas, Ashley Campbell, Patric Harper

Phone-in Non-voting Members: Mark Finkbeiner, Joe Spruce, Bob Howard, Lawrence McGhee, ?

Guests: Richard Fulford, Marc Russell

MBNEP Staff: Roberta Swann, Renee Collini, Tom Herder, Amy Newbold

Takeaways

- Continuing conversation about Dr. Fulford's project, potential stressor indicators, and the soil survey will be conducted via email
- The voting member commitment form was distributed and deadline was established (Sept SAC meeting)
- Voted on scope and timing of SAV mapping to be conducted
- Created a working group to generate a habitat mapping RFP
- Determine the tradeoffs between reducing cost and maximizing utility of the data in a soil survey
- Action Items:
 - Finalize changes to the Framework and publish online
 - Working group develop and release the Habitat Mapping RFP
 - Return signed commitment forms

• • • • •

Fred Leslie called the meeting to order at 10:02 CDT

Minutes from March 3rd, 2015 were distributed prior to the meeting, no follow questions, changes or comments were made about the minutes. Motion made by Dr. Ruth Carmichael to approve the minutes as they were, motion seconded by Mr. Stephen Jones. There were no objections to the motion.

Ms. Renee Collini gave an update on the status of the NFWF funded watershed management planning and Mr. Randy Shaneyfelt, the SAC representative at the steering committee meetings gave a brief report out.

Dr. Richard Fulford gave a presentation on the Sustainable and Healthy Communities Research Program. He presented on the process that the Research Program has been implementing to inform and empower decision-

makers in communities to foster sustainability. The process is based on structured decision making and can be broken down into four areas with action steps:

- Decision context
 - Clarify the decision context (around values and priorities of the community)
 - Define objectives and measures
- Ecological Production Functions
 - Develop alternatives
 - Estimate consequences
- Final Ecosystem Goods and Services
 - Evaluate trade-offs
- Measures of Benefit
 - Implement, monitor, and review

Richard would like to utilize this method in Mobile Bay to assess the transferability of the tools and methods from this process across different scales and locations.

The presentation sparked a series of questions and discussion including utilizing the community engagement with the upcoming watershed management planning and testing the measures of benefit in D'Olive as BMPs and restorations are implemented. A lot of the conversation centralized around how to quantify and monitor human health and well-being. Time for discussion ran out and further conversation will continue among the group via email.

Ms. Roberta Swann brought printed copies of the Commitment Agreement form for voting members. They were handed out to the group and a timeline was established: any questions from legal departments, etc. need to be submitted to Renee by July 6th; a document synthesizing and answering all submitted questions will be distributed by August 3rd; all signed copies are due at the September SAC meeting.

Renee gave an update on the data aggregation. She covered who had already updated, and who was on deck to be asked, several recommendations were made to expand the list. There was also conversation about including any monitoring for permits or impairments. Fred and Mr. Mark Ornelas with ADEM will look into any aggregation or centralization of these data or an inventory list of this type of sampling. There was also discussion of how to include research and short term research projects in the area. It was acknowledged that more discussion will be needed on this topic before adding in researchers.

Mr. Tom Strange presented on the possibility of utilizing an LDI for use with the BCG as an alternative to land use change and other stressor indicators. In addition to the discussion of the utility of the LDI, Tom also pointed out that scale was important (catchment vs HUC 12) as well as some other tools/metrics to utilize that will help capture upstream stressors as well.

The resulting discussion generated a consensus that the smallest scale possible should be targeted (i.e. catchment) and that an LDI, while a great tool to utilize behind the scenes, may not be the best method for communicating with public. Additionally, it was pointed out that the stressor metric to be used should be something that can be managed, so indicators such as population may not be the best consideration.

Renee then addressed comments and recommendations submitted regarding the Monitoring Framework. Only one discussion was tabled to be addressed later: oyster reef height stimulated some discussion about its utility as a metric of change given that reef height here tends to be low naturally in the region. Kevin Anson, Ruth, and Steve Heath will discuss options and get back to Renee to incorporate into the framework. The group then agreed that once these changes are made the Framework can be published online and utilized.

Ms. Amy Newbold then presented on the upcoming habitat mapping RFP. The NEP is going to fund comprehensive habitat mapping across Mobile and Baldwin Counties. Amy would like input to ensure the

data are applicable, maximize accuracy, and input on an additional outputs. To get the RFP out soon a working group was formed with the initial members being Tom Strange and Tim Thibaut and other recommendations of experts outside of the SAC.

The SAV mapping RFP which has already closed only had one submission. Discussion centered around the best strategy for timing and resolution of the aerial imaging. Three scenarios were discussed: 1) 1 m resolution, in two different years, 2) 1 m resolution, twice in one year, 3) 1 ft resolution once. After much discussion about potential tradeoffs a motion was made by Mr. Patric Harper to conduct sampling twice a year at 1 m resolution. Dennis DeVries seconded the motion. The majority agreed, but one nay, Dr. Latif Kalin, noted that he would prefer 1 ft resolution one time a year. Tim abstained from the vote as his company submitted the single RFP for the SAV mapping.

An additional discussion centered around a potential soil survey for Mobile and Baldwin Counties. Several people agreed that an updated soil survey would be useful; however, there is a high price tag associated with it so there was a lot of discussion about what tradeoffs to make to maximize applicability while reducing effort and cost. Further discussion will be conducted via email about the best way to move forward.

Randy moved that the meeting be adjourned, Tim seconded and Fred adjourned the meeting at 12:13 CDT.

Appendix

Reports and powerpoints presented at the SAC meeting.

Report from Randy Shaneyfelt for the status from various watershed management planning efforts.

BonSecour-OysterBay WMP / Leslie Lassiter- RFP Announcement Meeting held in Foley on May 19th. Proposals have been submitted and will be sent out for review this week; short lists by June 19 and award by end of the month.

Fowl River WMP/ Lee Walters - Data collection is complete and we have shifted to data analysis. We are working on project/program identification throughout the watershed. Marlon Cook with the Geologic Survey of Alabama is finishing the Fowl River Sediment Study and we are working closely with him to make sure we incorporate his findings. We are working to have a draft report within the month. Next steering committee meeting is on July 21st and a large public forum Open House will be August 18th.

BayouLaBatre WMP/ Mike Magnolia –

1. The Steering Committee has been identified and a successful kick-off meeting was held with the committee on May 20.
2. Additional small group meetings are currently being scheduled within the watershed to maximize community participation and outreach.
We anticipate a large number of small group meetings throughout the duration of the study.
3. All Dewberry teams working on the watershed study are completing their work plans/schedules and are fully engaged in literature and data reviews.

A conference call was held on May 29 with all Dewberry teams to assure integration of efforts and to maximize information sharing,

Dog River WMP / Lee Walters – Project awarded to GMC. They have begun to compile all available resources/publications/data. First Steering Committee meeting is this Thursday night-JUNE 4th.



Mobile Bay National Estuary Program Volunteer Monitoring Meeting
July 9th, 2015, 9:00 a.m. – 12:00 p.m.
Five Rivers Delta Center, Spanish Fort, AL

AGENDA

| | | |
|---------------|--|--|
| 9:00-9:15am | Introductions and Overview of Meeting Objectives | MBNEP |
| 9:15-10:15am | Examples of Monitoring Efforts around Mobile Bay: <ul style="list-style-type: none">• Wolf Bay Monitoring• D'Olive Watershed• Dog River Watershed• Overview of Other Volunteer Monitoring Efforts | Leslie Gahagan (City of Foley) Ashley Campbell (City of Daphne) Dr. Mimi Fearn (Dog River) Christian Miller (Sea Grant/MBNEP) |
| 10:15-10:30am | BREAK | |
| 10:30-11:30am | Engaging Our Students: <ul style="list-style-type: none">• Alabama Water Watch/4H Initiative• ACF K-12 Engagement• Washington High School - Marine Science Academy• Mississippi State University/YES Curriculum | Mona Dominguez (AWW) Mark Berte (ACF) Edward Bauer/Students (WHS) & Rick O'Connor (FL Ext/Sea Grant) Kenny Langley (MSU) |
| 11:30-11:45pm | Discussion | All |
| 11:45-Noon | Summary of Action Items and Next Steps | MBNEP |
| Adjourn | | |



**Mobile Bay National Estuary Program
Science Advisory Committee-Project Implementation Committee Joint Meeting
September 22, 2015
Tensaw Theater, 5 Rivers Delta Resource Center
30945 Five Rivers Boulevard Spanish Fort, AL 36527
10:00 am – 12:00 pm**

Agenda

Welcome & Review and approval of minutes from previous meetings

Dr. Ruth Carmichael, Dauphin Island Sea Lab/University of South Alabama
Judy Haner, The Nature Conservancy

Align Around Areas of Concern

Voting Member Commitment Forms – Science Advisory Committee

Dr. Ruth Carmichael

Update on Watershed Management Plans

Randy Shaneyfelt

Execute with/through Partners

Data Aggregation Update

Renee Collini, MBNEP

D'Olive Watershed Restoration Monitoring Plan Implementation

Renee Collini, MBNEP

TNC Freshwater Assessment Tool Demonstration and Consideration of Expansion for the State of

Alabama, Dr. Bryan Piazza, Director of Freshwater and Marine Science, and Seth Blich, Director of Coastal and Marine Conservation, The Nature Conservancy, Louisiana.

Adjourn



Agenda

MNEP-D'Olive Creek Stream Restoration

Individual - 5 year

-Intro

-Overview

-USACE Permitting scenario

-Agency input

-Summary

**Mobile Bay National Estuary Program
Project Implementation Committee Meeting
Wednesday, April 21, 2015
Tensaw Theater, 5 Rivers Delta Resource Center**

Minutes

Attendees:

| | |
|---|--|
| L. G. Adams (ADCNR/Weeks Bay NERR) | Sherry Allison (Allen Engineering) |
| Emery Baya (Thompson Engineering) | Roger Burke (Tetra Tech) |
| Ashley Campbell (City of Daphne) | Jamie Childers (Tetra Tech) |
| Georganna Collins (Ecology & Environment) | Bert Eichold (Mobile County Health Dept) |
| Carl Ferraro (ADCNR-SLD) | Leslie Gahagan (City of Foley) |
| Judy Haner (The Nature Conservancy) | Patric Harper (US Fish & Wildlife Service) |
| Bob Harris (Alabama State Port Authority) | Doug Heatwole (Ecology & Environment) |
| Phillip Hinesley (ADCNR, SLD) | Matthew Hinton (City of Spanish Fort) |
| Patti Hurley (ADEM) | Teddy King (Alabama Dept. of Public Health) |
| James Landry (ADEM) | Kara Lankford (Ocean Conservancy) |
| John Mareska (AL MRD) | Ray Mayhall (ACF, Baykeeper, FRACA) |
| Glenn Nicholas (Mobile County SWCD) | Joyce Nicholas (Mobile County SWCD) |
| Melissa Pringle (Allen Environmental) | Justin Rigdon (ADEM) |
| Lynn Sisk (Tetra Tech) | Nickelle Stoll (Mobile Baykeeper) |
| Sabra Sutton (CH2M Hill) | Galen Thackston (Goodwyn Mills & Cawood) |
| Tim Thibault (Vittor and Assoc) | Leslie Turney (Army Corps of Engineers) Will |
| Underwood (Grand Bay NERR) | Lee Walters (Goodwyn Mills Cawood) |

MBNEP Staff: Roberta Swann, Amy Newbold, Rick Frederick, Christian Miller, Tom Herder
Remotely: Bob Howard (EPA Region IV)

Takeaways

- Goodwyn, Mills, and Cawood is developing a watershed management plan for Fowl River with a publication target of September, 2015. Featured in Lee Walters' presentation were project goals, identified problems related to shorelines, and the public outreach campaign.
- Galen Thackston, also of GMC, reviewed progress in the development of a restoration plan for D'Olive Creek segments D4-D6. The project is being designed to withstand discharges of 3,750 cubic feet per second (same as April 2014 storm event). Final plans are targeted for early September with contractor selection expected prior to the end of the year.
- Emery Baya of Thompson Engineering reviewed obstacles and progress in developing a restoration strategy for the northern tip of Mon Louis Island along the mouth of East Fowl River. The main obstacle, obtaining fill material for marsh creation, was potentially solved with a plan to borrow from a permitted Corps of Engineers disposal site with replacement using material dredged from the FR navigation channel using State funds. Planning and permitting are moving forward.
- Mr. Baya reviewed restoration efforts and progress in the Joe's Branch subwatershed. Restoration of 1,700-ft tributary JB is underway, as are designs for restoration of JA, J4-1, J4-2, and stormwater management facilities. In light of escalated problems related to the April, 2014 storm, NFWF will be approached with a request for additional funding in early August.
- Ashley Campbell of the City of Daphne reported that bids have been received for restoration of Tiawasee Creek with NFWF and CIAP funding on 26 acres donated by the former property owner. Construction is ambitiously targeted for October, 2015.
- Roberta Swann provided a review of tasks being undertaken and funded through the NFWF Coastal Habitats Restoration Initiative.

- Ms. Swann announced that the City of Mobile had received a \$386K Outdoor Recreation Legacy Grant from the National Park Service to build the first leg of the Three Mile Creek bicycle trail from MLK Avenue to Tricentennial Park.

1. Call to Order

The meeting was called to order at 2:03 by PIC Co-Chair Judy Haner. Self-introductions were made around the room.

2. Approval of the Minutes

Ms. Haner asked for any deletions, additions, changes to the minutes for January 21, 2015. Hearing none, she called for a motion to approve the minutes. Leslie Gahagan made the motion, which Sam St. John seconded. The motion carried unanimously.

3. Progress Reports/Updates on Project Implementation

Lee Walters of Goodwyn Mills & Cawood provided a presentation describing efforts to develop a **Watershed Management Plan for the Fowl River Watershed** (attached as PIC_Fowl and D'Olive.pdf), reporting that a target for publication was September, 2015. Generally, research elements that included water quality, land use/land cover, sedimentation, and coastal research would be used to assess the status of the watershed and to recommend project implementation.

He noted that the greater Fowl River Watershed includes eight subwatersheds. With 65% of the watershed forested or wetlands, 20% agriculture, and only 15% developed, Fowl River offers some opportunities for preservation (unlike heavily urbanized Three Mile Creek).

Project goals in developing the WMP include:

- Determining causes and effect of identified problems (correlating water quality to land use/land cover).
- Identifying restoration/preservation opportunities.
- Prioritizing projects.
- Implementing projects.
- Monitoring results and modifying strategies if necessary.

In addressing shorelines in the Fowl River Watershed, he briefly discussed strategy before listing problems that included:

- Flow volume and speed (causing breaching and erosion of spits and islands)
- Boat wakes (causing shoreline and marsh erosion)
- Sea level rise (converting shoreline and riparian habitat to open water).

In assessing the 47 miles of tidal shoreline, GMC determined that 60% are marsh and 37% are vegetated banks, but 25% of FR shorelines have been armored with either bulkheads or riprap. Zone classifications include marine (Zone I), transitional (Zone II), or freshwater (Zone III). Mr. Walters reviewed conceptual strategies and focuses of long term planning, including using compensatory programs to address existing armoring, establishing No Wake Zones of buffers to adaptively manage current problems, holding the line with regard to watershed condition, and periodically reassessing condition.

He wrapped up by discussing the FR public outreach campaign by

- Identifying members of the Steering Committee, listing outreach/publicity events and efforts, describing public meetings to date and the website (www.fowlriverforever.org).
- Summarizing products of this campaign in terms of understanding both ideas and concerns of community members and then integrating those into research.
- Listing project partners, including MBNEP, GSA, Mobile County, the Mobile County Soil and Conservation District, NFWF, and Lamar Signs.

Galen Thackston took over to deliver the **D'Olive Creek Restoration Project (Segments D4-D6)** portion of the GMC presentation. The project area is in Daphne directly south of an ALDOT culvert running under I-10 near Mile Marker 37 and runs approximately 2,100 linear feet to US Highway 90. It has been a problem spot and the target of previous restoration and maintenance efforts.

Mr. Thackston summarized impacts resulting from the April 29-30, 2014, rain event. Over this 24-hour period 13.3 inches of rain fell on soaked ground, subjecting this reach to a peak discharge of 3,750 cubic feet per second and causing extreme erosion, head cutting, and bank widening that deposited approximately 4,000 tons of sediment downstream and threatened to compromise the upstream interstate crossing. Project objectives are necessarily ambitious and include:

- Reducing sediment supply within the reach.
- Designing a stable stream and floodplain capable of handling a discharge of 3,750 cfs (the same as the 2014 storm event).
- Designing a stable, self-sustaining stream.

He described a list of project constraints that included infrastructure (I-10 and Hwy 90 culverts, ALDOT stabilization armoring, and telecommunication lines), soil conditions, natural topography, upstream and downstream hydrology, floodplain expansion and contraction, and net cut of materials.

He spent several slides discussing design approach, including analysis, development of curves to determine design morphology, sections and layout typicals, and in-stream structures (that included wood toes, threshold riffles, j-hooks, rock cross vanes, log drops with boulders, and constructed riffles).

Mr. Thackston showed 30% design plans and then compared current design parameters to those that existed in 2009. He displayed a timeline that projected submittal of a 60% design for May 4, and final plans and specifications for early September. Contractor selection is expected prior to the end of the year.

Some discussion followed this presentation. Ashley Campbell mentioned the D'Olive Working Groups, the lack of data available to guide initial restoration efforts, and the relative preponderance of data available now.

Emery Baya of Thompson Engineering provided his first presentation describing **Restoration of the Northern Tip of Mon Louis Island**. He provided historical maps to demonstrate change in this area over the last two centuries and noted that the greatest average change was close to a

century ago (pre-armoring?). He provided a map that showed dramatic shoreline recession on the Bay side of the tip of the island through the years 1979, 1997, 2006, and 2011, with nearly static condition on the lee side. He noted that project goals include:

- Stabilizing the shoreline along the bay side of the northern tip of Mon Louis Island.
- Creating/enhancing aquatic, wetland, and upland habitats to the extent possible.

Mr. Baya summarized investigations undertaken prior to design, including a hydrographic and topographic survey, geotechnical investigation (soil test borings and Vibracore tests), and a coastal processes evaluation (showing the challenging 24-mile fetch).

In June, 2014, Thompson delivered an alternatives evaluation to the MBNEP and NFWF. The evaluation included three potential alignments for project footprints: 2006 shoreline (at or near current footprint to maintain current wetlands acreage), 1997 shoreline (adding approximately four acres of wetlands), or the 1979 shoreline (creating an additional seven to eight acres of wetlands).

Three different shoreline stabilization methods were considered: a continuous rock dike breakwater, a segmented rock dike breakwater, or a continuous breakwater constructed from a commercial product, OysterBreak™. Thompson selected the continuous rock dike breakwater, which was also endorsed by consultant Scott Hardaway. A continuous breakwater was necessary in this high energy wave environment, and rocks were selected as a “tried and true” measure for stabilizing shorelines in areas of high wave energy, because of this measures demonstrated longevity and durability, and in consideration of aesthetics and public acceptance.

Sources of fill to create marshes presented a formidable challenge to implementation. Initially, Thompson envisioned dredging suitable material from the Fowl River navigation channel, but geotechnical analysis revealed that these sediments were unsuitable (not enough sand). In investigating other disposal sites for beneficial use of material, moving material by truck or barge was deemed cost prohibitive. Geotechnical analysis in surficial sediments offshore revealed potentially useable material (high sand content) in an area close enough to serve as a hydraulic dredging borrow site, but the Corps did not encourage this alternative, given issues related to permitting.

A 50% preliminary design was put forth, using the 1997 footprint with continuous rock dike breakwater, and connecting the hydrology of the existing salt marsh (restored by ACF in 2005) to the four acre marsh proposed. However, given problems related to identifying sources of fill to create the marsh area, costs forced consideration of new alternatives. With viability of proposed open water borrow site questioned by the Corp, Thompson evaluated moving material from all possible dredged material beneficial use sites, but all remained cost prohibitive, with construction cost estimates for marsh creation nearly doubled.

Mr. Baya reported that at this point in the process, Ms. Swann entered into discussions with Corps of Engineers operational personnel, who identified a potential alternative source of sediments. Mr. Nate Lovelace of the Corps did cursory evaluations of material in close proximity to the borrow site identified by Thompson at a currently approved disposal area for material dredged from the Fowl River navigation channel. His findings showed high sand content and potential for use in marsh creation. With \$800,000 of State funds identified for

potential use in dredging the Fowl River navigation channel, a new idea was developed to use the suitable material from the Fowl River disposal site, avoiding issues related to the new borrow site, using State funds to dredge the FR navigation channel, and using the dredged material to replace material borrowed for marsh creation. Thompson analyzed the disposal area with Vibracore tests and found the material to be suitable. Ms. Swann credited Alabama State Senator Bill Hightower for the State funds to dredge the FR navigation channel and Mr. Lovelace and Carl Dyess for a concept that might work. MBNEP has applied for the funding to ensure that this project is implemented. A pre-proposal meeting with the Corps is currently scheduled.

Mr. Baya moved on to address further **Restoration in the Joe's Branch Watershed**. In review, he noted that the regenerative Step Pool Storm Conveyance (SPSC) on Westminster Village property was initially funded from Section 319 funds (match in large part by an ALDOT contribution). The project was completed in 2013 and survived the April, 2014 rain event with no major issues. In 2015, supplemental 319 funding was secured to undertake maintenance (completed in April, 2015) and to undertake a retrofit of Spanish Fort detention ponds across Hwy 31 at the headwaters of the SPSC. Mr. Baya reviewed the coordinating efforts behind the implementation of the SPSC and restored downstream wetlands. He listed partners that included ADEM, ALDOT, ADCNR, the cities of Daphne and Spanish Fort, GSA, MBNEP, Thompson Engineering, and Westminster Village and reported that the project had won a Gulf Guardian Award with first place in the Partnership Category.

MBNEP received a NFWF Grant of \$6,850,545 to restore and monitor documented problems in the Joe's Branch, D'Olive Creek, and Tiawasee Creek watershed and to monitor those restoration efforts. The target of Thompson's efforts and of this presentation was the Joe's Branch Subwatershed, largely situated in Spanish Fort with drainage into the City of Daphne. Mr. Baya displayed a slide showing proposed restoration targets that included a stormwater detention facility near the top of the SPSC, restoration of degradation in JB just downstream of the SPSC, JA on the back side of the strip mall at Hwys 98 and 31, J4-1 and J4-2 to the south and west, and a stormwater retention facility on the property of Westminster Gates. In March 2014, Thompson performed field assessments of Segments JA, J, and JB. Problems in those segments included:

- Bed/bank erosion in the middle reach of JA
- An exposed Daphne Utilities sewer pipe in the middle reach of JB
- Headcutting downstream of and impinging upon the restored wetland area in JB's upper reach.
- Stream erosion near a sewer manhole in the middle reach of Joe's Branch.
- A major active headcut in the upper reach of Joe's Branch.
- A sediment-filled detention basin at the top reach of Joe's Branch (Maury Court).

The April, 2014, rain event so exacerbated erosion/sedimentation problems, that the engineer's opinion of probable costs more than tripled from a 2013 OPC of \$1,058,000 to an October, 2014, OPC of \$3,486,000. NFWF authorized sufficient funding be shifted from D'Olive Creek to the Joe's Branch Watershed as a priority.

Restoration of JB, from headcutting impinging on the restored wetlands at the foot of the SPSC downstream approximately 1,700 feet, has been designated Project 2 and was bid in January.

North States Environmental won the bid and received a Notice to Proceed on April 8, 2015. Completion of this project is expected within three months.

Thompson is currently working on design for restoration of JA, J4-1, J4-2, and the stormwater management facilities. Since construction will require additional funding, Thompson is working to deliver an opinion of probable cost not later than July, 2015, so the NFWF can address the request for additional funding at its meeting in early August.

Ashley Campbell provided a brief overview of the **Restoration of Tiawasee Creek** being undertaken by the City of Daphne with \$450,000 of funding from CIAP as well as the MBNEP's NFWF allocation of \$550,000. The landowner donated the 26 acres to the City, who has received bids from engineering and design contractors for restoration and watershed enhancement. Construction is ambitiously targeted for October, 2015.

4. Discussion of a survey to assess the five-year Ecosystem Restoration Strategy

In order to track implementation of the five-year CCMP Ecosystem Restoration Strategy, Tom Herder notified PIC members that a survey would be developed and distributed so that implementation of any of the measures prescribed in the strategy could be tracked. Survey results will also inform NEPORT reporting required under the Government Performance and Results Act. The Community Action Committee is using surveys to track implementation of the five-year Technical Assistance and Capacity Building Strategy.

5. Old Business. NFWF Coastal Habitats Restoration Initiative Progress Report/Update

Ms. Swann reviewed the tasks funded under the Coastal Habitats and Restoration Initiative. Requests for Proposals are currently being developed for Task 1.1, high-resolution habitat mapping and spatial database development, and Task 1.2, SAV Mapping in Mobile Bay, the Mobile-Tensaw Delta, Mississippi Sound, and Other Coastal AL Waters.

Task 2, Watershed Management Planning for seven priority watersheds is currently underway. Of the seven watersheds set for planning:

- Development of a **Bayou La Batre** WMP is being managed by the Mobile County Soil and Water Conservation District's Randy Nicholas.
- The City of Foley will oversee development of a **Bon Secour River** WMP. Ms. Swann told Leslie Gahagan that a template RFQ has been prepared and is available to partners. Tom Herder will share it.
- With the City of Mobile hiring Goodwyn, Mills & Cawood to generate a long-range comprehensive plan for the City, to avoid duplication of effort (which would be significant) and the process of distribution and evaluation of Requests for Qualifications, it makes sense to hire GMC to develop a WMP for the **Dog River Watershed**. MBNEP intends to negotiate a contract with GMC that reflects efforts undertaken under the scope of the City contract.
- No entity has yet been determined to prepare a WMP for **Fish River**. Discussions of project management include the Baldwin County Soil and Water Conservation District and Weeks Bay.

- No determination of management has yet been made for WMPs for **West Fowl River** and **Wolf Bay**. Fish River and West Fowl River should be moving by the end of 2015, and even Wolf Bay could possibly be underway, with outstanding leadership provided by Wolf Bay Watershed Watch affiliates.
- Ms. Swann pointedly avoided discussion of the **Tensaw-Apalachee Watershed**, which will require special consideration.

6. New Business

Ms. Swann announced that the City of Mobile had received a \$386,000 Outdoor Recreation Legacy Grant from the National Park Service to build the first leg of the Three Mile Creek bicycle trail from MLK Avenue to Tricentennial Park. The grant will fund a 10-foot wide pervious bicycle trail, energy-efficient LED lighting, and a fitness/circuit course adjacent to the trail.

She also made not of the recent hiring of Amy Newbold as the new MBNEP Deputy Director through an interagency personnel agreement with the EPA Region IV.

7. Adjourn

With no other new business, Ms. Haner asked for a motion to adjourn. Sam St. John made the motion, which was seconded by Carl Ferraro and unanimously approved at 3:50.



Mobile Bay National Estuary Program Project Implementation Committee
International Trade Center – Killian Room
Tuesday, July 14, 2015 12:30 p.m.

Agenda

1. **Call to Order**
2. **Approval of Minutes: April 21, 2015**
3. **Chair's Report** (Summary of other Committee Activities to be prepared by MBNEP)
4. **Old Business**
 - A. **Progress Reports/Updates on Watershed Management Planning.**
 - 1) Bayou La Batre - Chris Warn (Dewberry)
 - 2) Bon Secour River – Leslie Gahagan (City of Foley)
 - 3) Dog River – Christian Miller (MBNEP/CACWP/AUMERC)
 - 4) Fowl River –Christian Miller (MBNEP/CACWP/AUMERC)
 - B. **Progress Reports/Updates on Watershed Plan Implementation.**
 - 1) D'Olive Watershed – Ashley Campbell (City of Daphne)
 - 2) Fowl River – Tom Herder (MBNEP)
 - 3) Three Mile Creek
 - a. Toulmins Spring Branch – Tom Herder (MBNEP)
 - b. TSB Engagement on Community Resiliency – Amy Newbold (MBNEP)
 - c. Stormwater Park – Judy Haner (The Nature Conservancy)
 - d. Twelve Mike Creek restoration – Roberta Swann (MBNEP)
5. **New Business**
 - A. Environmental Compliance Working Group – Patric Harper (USF&WS)
 - B. Watershed Planning- What's on deck? Roberta Swann (MBNEP)
 - C. Other
7. **Adjourn**



D'Olive Monitoring Summit
September 18, 2015
Killian Room, International Trade Center
250 N. Water Street Mobile, AL 36602
1:00 pm

Agenda

Welcome and Review Objectives

Renee Collini, Mobile Bay National Estuary Program

Planned Monitoring

D'Olive Bay: Dottie Byron, Dauphin Island Sea Lab

Sediment and Flow: Renee Collini for Marlon Cook, Geological Survey of Alabama

Water Quality: Evan Reid & Ashley Campbell, City of Daphne

Stream and Riparian Buffer Habitat: Michele Goodfellow & Johan Liebens, University of West Florida

Wetland Habitat Assessment: Gena Todia, Wetland Resources Environmental Consulting

Discussion

Opportunities for Leveraging

Get into the weeds – access, etc.

Success at Meeting the Goals of the MBNEP SAC Monitoring Framework

Adjourn



quantitative index from these parameters to assess the health of the habitats. There was also discussion of access which Ashley Campbell was very helpful in clarifying and there was discussion about specific sampling locations in Tiawasse Creek where the restoration ends in an already armored area.

Gena Todia presented on the assessments that will be conducted for the wetlands. Gena will be conducting two assessment protocols: Wetland Rapid Assessment Protocol (WRAP) and the Floristic Quality Index (FQI) (Appendix). The WRAP is straight forward and was selected because many local agencies utilize it. At the presentation Gena did not think that the FQI was currently calibrated for the area, so she was just planning to conduct plant species inventory. Tim Thibaut knew of an FQI calibration that Gena will look into adopting. In addition to discussion of assessment protocols, the group discussed specific sampling locations for the WRAP. It was decided that the majority of the stream reaches to be restored are appropriate for wetland assessment as are the cumulative sites.

After the group discussion about details and monitoring proposals the meeting closed with Renee asking the group if they feel the planned monitoring will achieve goals and objectives outlined in the Monitoring Framework. It was agreed that it did and that no changes were needed moving forward.

Outcome Action Items

- Finalized contact list
- Finalized lat/long list (including stream plans)
- Determine residence time of D'Olive Bay
- Set up a shared google drive to hold reference literature



Mobile Bay National Estuary Program Project Implementation Committee
5 Rivers Delta Resource Center Blakeley Classrooms
Thursday, November 12, 2015 1:30 p.m.

Agenda

- 1. Call to Order**
- 2. Approval of Minutes: September 22, 2015**
- 3. Old Business**
 - A. Progress Reports/Updates on Watershed Management Planning – Christian Miller, MBNEP/AUMERC/ACWP**
 - 1) Bayou La Batre
 - 2) Bon Secour River/Oyster Bay
 - 3) Dog River
 - 4) Fowl River
 - 5) Fish River
 - 6) Upcoming planning efforts
 - B. Discussion of Habitat Restoration Plan and Watershed Comparison Tool Development – Judy Haner - TNC**
 - 1) Data needs based upon available literature from existing WMPs.
 - 2) How can we make watershed management planning more efficient
 - 3) What deliverables from WMPs should inform the Plan/Tool with what format requirements?
- 4. New Business**
 - A. Development/establishment of Environmental Compliance and Implementation Working Group – Patric Harper (USF&WS)**
 - B. Commitment forms/conflict of interest resolution? – Patric Harper – USF&WS**
 - C. Other**
- 5. Adjourn**

**Alabama Coastal Improvements Plan (AL CCP)
Elected Officials Meeting
February 27, 2015 – 2 pm to 4 pm
Five Rivers Delta Center, Spanish Fort, AL**

AGENDA

| | | |
|---------|--|---|
| 2:00 pm | Welcome and Opening Remarks | Meredith LaDart – Meeting’s Facilitator, USACE, Mobile District |
| 2:15 pm | Introduction and Purpose of AL CCP | Patti Powell, Director, Alabama Department of Conservation and Natural Resources |
| | State Comprehensive Plans History and Need Resiliency for Coastal Alabama | Susan I. Rees, Ph.D., USACE, Mobile District |
| 2:45 pm | Elected Officials Vision | Meredith LaDart – Meeting’s Facilitator, USACE, Mobile District ALL |
| 3:00 pm | Coastal Vision “Table-Top” Exercise Today/10/25/50 Years | Meredith LaDart – Meeting’s Facilitator, USACE, Mobile District ALL |
| 3:45 pm | What to Expect Next | Meredith LaDart – Meeting’s Facilitator, USACE, Mobile District |
| 4:00 pm | Closing Remarks | Meredith LaDart – Meeting’s Facilitator, USACE, Mobile District |

TUESDAY
APRIL 21

2015 Senior
Design
Symposium

UNIVERSITY OF SOUTH ALABAMA
COLLEGE OF ENGINEERING
STUDENT CENTER

Schedule of Events

11:00 - 11:45 PM Set up displays and posters
12:00 - 1:50 PM Chemical Engineering (SC235)
12:00 - 4:00 PM Civil Engineering (SC203)
12:00 - 6:00 PM Mechanical Engineering (SC205)
1:50 - 2:50 PM Refreshments and Networking
2:50 - 6:00 PM Electrical & Computer Engineering (SC235)

Chemical and Biomolecular Engineering

Production of ethylene oxide
Production of cumene
Production of ethyl benzene
Hydrodesulfurization and hydrogenation of biofuels
Development of a multicomponent, volumetric, isotherm device (NASA XHAB)

Civil Engineering

Williams Dirt Pit Slope Stabilization
Multi-story parking garage on the USA Campus
Gulf State Park Lodge and Conference Center
Three-story medical office building
Recreational/Economic Improvement for the Mobile Causeway
Slope Stabilization/Stormwater improvements for St. Luke's
Sustainable and resilient single-family dwelling
Two-story apartment complex

Electrical and Computer Engineering

Generating power from heat
IEEE SoutheastCon 2015 Robot Car
Pyroelectric Thermal Power Generation
Time Domain Impedance Probe
Home Security System
Energy Generation in the Arctic
Hargrove iOS App
BELT Project
Coil Gun

Mechanical Engineering

Robotic Mining System for the Martian Environment
Robots for Relief
Remotely Controlled Wheel Chair Lift
Aircraft Design
SAE Supermileage Vehicle
Solar Water Heating System
Formula Car Feasibility
Airbus Fly Your Ideas Competition
Autonomous, Indoor Package Delivery
ASME Human Powered Vehicle Challenge
Modular Electric Vehicle Battery System



Attended by RS

AGENDA

JULY 24, 2015

11:00 AM

**ENVIRONMENTAL AND RECREATION STAKEHOLDER MEETING
SPANISH FORT CAUSEWAY MASTER PLAN**

- Welcome and Introductions
- Project Background and Analysis
 - Purpose of the Master Plan
 - Our understanding of the Causeway
 - Current physical conditions
 - Types of users and access
- Discussion of Future Activity and Issues
 - Meaher State Park
 - Five Rivers – Delta Resource Center
 - Low impact development standards/ Green infrastructure
 - Marketing and branding
- Next Steps

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Weeks Bay Stakeholder Workshop

Baldwin County Central Annex II

8:30 – noon March 2, 2016

AGENDA

- 8:30 Welcome & Introductions
- 8:45 Overview & background data
- 9:00 Small Group Discussions: Constituent Groups
- 10:30 Small Group Discussions: Mixed Groups
- 11:00 Entire Group: Key issues & action plans
- 12:00 End

Want to stay informed and involved in the development of the
Weeks Bay Watershed Management Plan?

If we have your email address, we will stay in touch with you.

For more information, visit www.mobilebaynep.com or email
bob@rjhiggins.com or meubanks@thompsonengineering.com



MCM 2 Public Participation/Public Involvement

3.2.11 ES MS4 Meetings

| Date | Meeting Topics | Location | MS4 Present |
|-----------|--|----------|--|
| 8/19/2015 | Clean Water Future, Education Outreach Oppurtunities | Fairhope | Fairhope, Daphne, Spanish Fort, Baldwin County |

Eastern Shore Phase II MS4s Annual Meeting

8-19-2015

Agenda

ES MS4 Representatives Invited:

ALDOT-James Bearrentin, Alacyia Hall, Richard Klinger

Baldwin County: Celena Boykin, Vince Jackson

City of Daphne- Ashley Campbell & Evan Reid

City of Fairhope- Kim Burmeister

City of Spanish Fort- Matt Hinton

Topics to Discuss for Education Outreach

- ◆ Create a Clean Water Future Education Outreach Campaign-Support Resolutions and Agreements
- ◆ Baldwin County's 2016 & Keep Daphne Beautiful Day Hazardous Waste Program-ESMS4 Participation
- ◆ ALDOT
 - MS4 Water Quality Monitoring-Continuous Water Quality Monitors (Sonde) Locations
 - Community Outreach Opportunities
- ◆ 2015-2016ES MS4 Future Education Outreach Opportunities
 - Alabama Water Watch
 - Clearwater Partnership-
 - MBNEP Meetings PIC, CAC, SAC
 - Rain Barrel Workshop –October 10th 2015
 - Earth Day-Woods & Water-Jubilee Festival... Watershed Wagon Opportunities
 - Water Festival March–Sponsorship & Volunteering
 - Coastal Kids Quiz May -DUMC
 - Football Programs-New CWF Brochures
 - 319 Grant-Opportunities
- ◆ Other Items.....

Eastern Shore MS4 (ESMS4) 8/19/15 Meeting Minutes Summary Notes

ES MS4 Representatives:

ALDOT-James Bearrentin, Alacyia Hall, Richard Klinger
 Baldwin County: Celena Boykin, Vince Jackson
 City of Daphne- Ashley Campbell & Evan Reid
 City of Fairhope- Kim Burmeister
 City of Spanish Fort- Matt Hinton

Create a Clean Water Future (CWF)

The Create a Clean Water Future Stormwater Education Outreach Campaign (www.cleanwaterfuture.com) was discussed. Examples were given of how the free materials were being used in Baldwin County; videos, brochures, full page advertisements, etc. The ESMS for the second year sponsored the CWF football program advertisement in each Baldwin County High School. Alabama Department of Transportation (ALDOT) requested some information on the football program advertisements.

Hazardous Waste Collections

Hazardous Waste Collections were discussed. Baldwin County's annual free drop off day is in January. Daphne became a Keep America Beautiful City this year and through that program sponsored a Saturday hazardous waste & tire drop off day. It is part of the Keep Daphne Beautiful (KDB) Saturday event. We will continue the program. If any ESMS4 partners are interested in teaming with Daphne, contact Ashley. It is very expensive; (\$22,000/Saturday event). Daphne's KDB program is pursuing a cigarette butt litter campaign. Not sure exactly what it will be, but it will be coming soon. Kim mentioned the old PALs Program where if you saw someone flicking a butt out a car window you reported the driver's car tag to PALs and they wrote a nice shame on you letter. But that program is no longer in place. Ashley will keep everyone updated on the City's progress.

Rain Barrel Workshop

Christian Miller with the Coastal Clean Water Partnership scheduled a Rain Barrel Workshop for October 10, 2015 in Baldwin County. Several workshops have been held in Daphne, Spanish Fort and Fairhope. The group was asked if anyone would like to host the workshop. Spanish Fort wants to host one at the new City Hall but it will not be complete by then. Baldwin County offered the Robertsdale Central Annex or Coliseum. It was decided to host it there if the space is available. An update will be emailed with a flyer for the event ASAP.

2015-2016 Opportunities to Assist Other ESMS4 & Groups with Education Outreach

(Permit Minimum Control Measure (MCM) Education Outreach 1 and Minimum Control Measure (MCM) 2 Public Participation

| <u>Sponsor (\$=seeking funding)(Volunteers=need volunteers)</u> | <u>Date</u> | <u>Location</u> |
|---|--------------------|-------------------------|
| Spanish Fort Wood & Waters | April 30, 2016 | Five Rivers, SF |
| Daphne Jubilee Festival | September 26, 2015 | Downtown, Daphne |
| Fairhope Earth Day | April 23, 2016 | Fairhope Pier |
| Alabama Coastal Foundation Water Festival (\$ & Volunteers) | March | Baldwin County Coliseum |
| Alabama Coastal Foundation Coastal Kids Quiz (Volunteers) | May | Daphne United Methodist |

| | | |
|--|------------------|-------------------|
| ESMS4 Rain Barrel Workshop (tentative) | Saturday, Oct 17 | Robertsdale Annex |
| Alabama Water Watch Program Training (\$ & Volunteers) | TBD | TBD |

2015-2016 Opportunities for Public participation (MCM 2) (ESMS4 Partners will be added to invitation list)

| <u>Sponsor</u> | <u>Dates</u> | <u>Location</u> |
|---|-------------------------------|-----------------|
| Baldwin County Environmental Advisory Board | TBD | TBD |
| Daphne Environmental Advisory Committee | 4 th Monday @400p | City Hall |
| Fairhope Environmental Advisory Board | 2 nd Friday @ 300p | Civic Center |
| Mobile Bay National Estuary Program's (MBNEP) | | |
| Project Implementation Committee | Quarterly | Five Rivers |
| Coastal Clean Water Partnership | Quarterly | Fiver Rivers |
| Daphne's 319 Trione Park LID Grant Project (Volunteers) | TBD | TBD |

ALDOT Topics

ALDOT has an individual MS4 permit which covers all the State's Right of Ways that are associated with both Phase I and Phase II MS4 areas. Phase I areas include; Mobile, Montgomery, Birmingham, & Huntsville.

ALDOT is trying to get involved in local efforts similar to the ESMS4 throughout the state. If helps the state reach compliance with the Education Outreach and Public Participation component of their MS4 permit.

While all three ALDOT representative are from Montgomery the intent is to train a local ALDOT employee (maybe David Godwin or Tony Cooper) to represent ALDOT.

ALDOT State Wide and Local Monitoring

ALDOT is placing several SONDE continuous water quality monitors across the state in their MS4 areas with the effort to show what if any contribution ALDOT's right of ways are having in regards to non-point source pollution in the MS4. Locally ALDOT has placed one Sonde at US Hwy 90 upstream of an EPA Sonde. ALDOT asked the group if anyone would be interested in having a Sonde placed on a creek for six months along a State Right of Way. Kim stated she would like to have it placed on US Hwy 98 at Fly Creek. Matt also expressed interest in having the Sonde placed on Bay Minette Creek at US Hwy 225. Both sites were discussed and the decision was to investigate the Fly Creek site and make a determination. (After the meeting ALDOT investigated the site and decided to install the Sonde that afternoon. All data collected will be shared by ALDOT and Fairhope.)

ALDOT Outfall Inventory

ALDOT mentioned that they are currently inventorying all major outfalls in their MS4 areas. They worked with Trimble and helped create the Trimble Unity mapping software. The software allows for easy inventorying while collecting data that is important for MS4 permit compliance. Environmental information can be found on ALDOTs website dot.state.al.us under Environmental etc....

The ESMS4 showed interest in ALDOT assisting all MS4s with the stormwater outfall inventory process. ALDOT stated that Trimble owned the software. (Trimble was contacted after the meeting and a Trimble Unity Workshop will be schedule for the fall. The ESMS4 and other counties and municipalities will be invited.)

ALDOT Community Education Outreach

ALDOT has been working with Auburn's and other watershed groups by attending watershed meeting similar to our meeting and by sponsoring Alabama Water Watch kits for college and high school students to evaluate local streams and to perform water quality monitoring. ALDOT is excited about joining our group.

ALDOT ROWs

Daphne expressed interest in working with ALDOT through this group to improve some of the ALDOT ROW stabilization issues resulting normally from improper mowing practices. ALDOT stated that they were currently evaluating this area of concern.

ALDOT asked for copies of the Football Program Ads

Daphne will send information to ALDOT.

Upcoming Training Opportunities

Alabama Soil & Water Clear Water Alabama, September 2-3 Tuscaloosa River Market

29th Annual Alabama Water Resources Conference will be held Thursday & Friday, Sept. 10-11, 2015, at the Perdido Beach Resort Hotel and Convention Center in Orange Beach, Alabama

Coastal Clear Water Alabama 2016 Quarterly TBD. Involve ALDOT's MS4 group with effort



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Chapter 4 Water Quality Monitoring
4.B2-3 AWW Volunteers WQ Data

| Site # | Site Name | Site Location | Site Latitude | Site Longitude | Site AWW Volunteer |
|---------------|------------------|--------------------------|----------------------|-----------------------|---------------------------|
| 1 | Tiwasee Creek-1 | Greenwood Drive | 30.633 | -87.8840 | Del |
| 2 | Tiawasee Creek-2 | Driving Range | 30.6455 | -87.8957 | Del |
| 3 | Dolive Creek -3 | Bayview Drive- Bridge | 30.6522 | -87.8931 | Del |
| 4 | Dolive Creek -4 | Gordon Circle | 30.6544 | -87.8865 | Mason |
| 5 | Dolive Creek-5 | Toms Cove | 30.6538 | -87.8976 | Mason |
| 6 | Tiawasee Creek-6 | North Lamhatty Lane | 30.631 | -87.8744 | Mason |

MCM Public Involvement
3.2.12C Alabama Water Watch Data

| Data | Location |
|--------------------------|---|
| Alabama Water Watch Data | http://www.alabamawaterwatch.org |
| | Water Data-Water Chemistry-Mobile Watershed-City of Daphne-All Sites |



Alabama Water Watch

Community-Based, Science-Based Watershed Stewardship

Search: AWW Watersheds by Group OHUC Watersheds **Data Type:** All Sites (6)

AWW Watersheds: **Groups:**

| Site Code | Waterbody | Site Location | Latitude | Longitude | Last Date | No. Recs | Site Maps |
|-----------|----------------|--------------------------------|----------|-----------|-------------|----------|-----------|
| 06015001 | D Olive Creek | 155 Bay View Drive | 30.65217 | -87.89309 | 01 Feb 2016 | 16 | |
| 06015002 | D Olive Creek | Toms Cove, Lake Forest | 30.65339 | -87.89492 | 19 Jan 2015 | 2 | |
| 06015003 | D Olive Creek | Gordon Circle, Lake Forest | 30.65405 | -87.88686 | 23 Feb 2015 | 3 | |
| 06015004 | Tiawasee Creek | At golf course driving range | 30.64958 | -87.89564 | 18 Jan 2016 | 15 | |
| 06015005 | Tiawasee Creek | Greenwood Drive in Lake Forest | 30.63299 | -87.88334 | 25 Jan 2016 | 14 | |
| 06015006 | Tiawasee Creek | bridge at N Lamhatty Ln. | 30.63113 | -87.87406 | 16 Jan 2016 | 8 | |

Community-Based Watershed Stewardship through Citizen Volunteer Monitoring of Alabama's Lakes, Streams and Coast

AWWA ► Alabama Water Watch Association • PO Box 3294 • Auburn, AL 36831 • tel: 1-888-844-4785 • email: info@alabamawaterwatch.org

AWW Program Office ► Water Resources Center • 559 DeVall Drive • Auburn University, AL 36849 • Fax: 1-334-844-9208 • email: awwProg@auburn.edu

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