

MCM 2 Public Involvement and Participation
 3.1.B-2.1a Daphne Environmental Advisory Committee Meetings

	Date	Meeting Topic
1	4/22/2019	Resilience to Future Flooding in Northern Gulf of Mexico Video Series-Mike Shelton
2	5/28/2019	Annual MS4 Report Review, Coal Ash & Recycle Crisis
3	6/24/2019	EAC Recycle Recommendations to Council
4	7/22/2019	EAC Recycle Recommendation to Council, DC Watershed Management Plan Update & Project Updates
5	9/23/2019	DC Watershed Management Plan (DCWMP) Sub-committee Selection
6	10/10/2019	DCWMP Sub-committee Initial Meeting Distribution of Materials for Review
7	10/28/2019	Project Updates
8	11/5/2019	DCWMP Sub-committee Meeting
9	11/18/2019	DCWMP Sub-committee Meeting
10	11/18/2019	Land Use Updates & County Wide Material Re-purpose Facility (MRF)
11	1/8/2020	DCWMP Sub-committee Meeting
12	1/27/2020	Project Updates & MS4 Report Update
13	3/11/2020	EAC Approval of Geosyntec as Contractor
		<i>March & April, 2020 No Meetings due to Covid 19</i>

Environmental Advisory Committee (EAC)

Meeting Schedule for March 25th and April 22 at 4:30pm have been cancelled.

The next meeting will be May 26th, 2020 at 430.



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

Meeting Agenda

March 11 2020
3:00 PM

- I. Call Meeting to Order at City Hall Jubilee Room
- II. Old Business:
D'Olive Watershed Management Plan II-Scope Breakdown with Costs Review
- III. Adjourn Meeting



City of Daphne - Environmental Advisory Committee (EAC)
D'Olive Creek Watershed Management Plan Update Sub-Committee
Daphne City Hall Jubilee Room

Meeting Minutes

Monday, March 11, 2020 @ 3:00 P.M.

I. The meeting was called to order at 3:00 PM.

II. D'Olive Creek Watershed Management Plan (DCWMP) II:

Christian Miller and Wade Burcham presented Geosyntec's DCWMP's Scope Options with their cost break downs to the EAC Sub-committee for review. The committee reviewed the Reduced, Modified and Full Scope costs per chapter of the watershed management plan. The committee discussed the different options and scope details. The committee agreed that the Modified Scope (\$127,750) with a \$7500 contingency would provide adequate funding for the second D'Olive Creek Watershed Management Plan. Cathy Barnette motioned that the committee recommend that the MBNEP enter into contract under the Modified Scope with \$7500 for contingency with Geosyntec. Mathew Laws seconded the motion and it was approved unanimously.

III. Meeting Adjourned at 3:39 p.m.

Attendees: Cathy Barnette, Wade Burcham, Mathew Laws III, Christian Miller (MBNEP), Larry Norris, Casey Rains, & Bo Tucker

City Staff: Ashley Campbell

Next Meeting
TBD



City of Daphne - Environmental Advisory Committee
Daphne City Hall – Scenic Overlook

Meeting Agenda

Monday, January 27, 2020
4:30 PM

- I. Call Meeting to Order
- II. Review and Approval of Previous Minutes (11/18/19 & 01/8/20)
- III. Updates on Old Business:
 - a) Grant Updates
 1. MBNEP/ADEM/NRCS 319 Montclair stream restoration
 2. ADECA Village Point boardwalk
 3. MBNEP-Public Works-detention basin & Trione-Brookhaven detention basin restorations and enhancements
 4. Forever Wild D'Olive Bay-GOOD NEWS
 5. Daphne High School-EPA stormwater project grant- Will completed during the 2019-2020 school year
 6. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-Gulf of Mexico Energy Security Act (GOMESA) Grant
 7. D'Olive Watershed Management Plan Update-EAC MBNEP Plan Update-Subcommittee Meeting-01/08/2019 @200pm
 8. Solid Waste
- IV. Other Business:
 1. 2020 Agenda Topics
 - a. Land use update
 - b. 2019-2020 MS4 Update



Next Meeting-
February 17 or 26th, 2020 @ 4:30 P.M.
TBD

City of Daphne - Environmental Advisory Committee (EAC)

Meeting Minutes

Monday, January 27 @ 4:30 P.M.

Scenic Overlook

- I. The meeting was called to order by Co-Chair Don Ouellette at 4:30pm. The 11/18/19 and 1/8/20 EAC & DC WMP Subcommittee meeting minutes were reviewed. Justice motioned for the committee to accept the meeting minutes. The motion was seconded, after which the minutes were unanimously approved.
- II. Old Business: Updates
 - a. D'Olive Watershed Management Plan Update- The EAC Subcommittee Meeting was held on 1/08/20 to review Qualification Statements and choose a contractor. Only one statement was received. The Subcommittee agreed that Geosyntec was a qualified contractor and recommended that the MBNEP move forward with scope of services negotiations.
 - b. MBNEP/ADEM/NRCS 319 Montclair stream restoration. Streamline (Stream Restoration Contractor) has completed the stream restoration.
 - c. ADECA Village Point (VP) Boardwalk Project – The contractor started boardwalk construction the first week of January and has completed 345' of boardwalk.
 - d. MBNEP-Public Works-detention basin & Trione-Brookhaven detention basin restorations and enhancements. ADEM agreed to the additional funding request. The final plans are being drafted while state and federal permit applications are being submitted.
 - e. Forever Wild (FW) D'Olive Bay-The land owner has agreed to the offer. The purchase could take up to 6 months.
 - f. Daphne High School-EPA Grant- Bids have been received for the remaining grant items. Project will be completed by May of 2020.
 - g. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-Gulf of Mexico Energy Security Act (GOMESA) Grant-Bid Specs were released. The mandatory pre-bid meeting will be held on Feb. 5 and the bid opening will be Feb 12th. Dredging should start by March 31, 2020, lasting until June 30th.
 - h. Solid Waste-BJ Eringman informed the committee that another Solid Waste/Recycle Program public comment meeting was held by City Council on January 20, 2020. The consensus is that the City will continue its recycle program with changes, such as cost and pick up schedule, being implemented. Baldwin County held a meeting with the Cities to discuss a County-wide Materials Repurposing Facility. The EAC was extremely pleased and offered to help the County and others with the effort.
- III. New Business: 2020 EAC Agenda Topics
 - a. Land Use Ordinance: storm water regulation updates – the committee agreed to pursue the effort knowing that it may be a while before the Land Use ordinance will be updated. Ashley will provide the committee with existing Chapter 18 Drainage plans for review.
 - b. Daphne Utilities-The committee asked if Daphne Utilities' new director could attend the next meeting to be introduced to the EAC and to provide an update on current issues. The committee would also like Johnny Grimes to give a presentation on Daphne Utilities pathogen sampling program.
 - c. The Committee asked for a report documenting Environmental Programs funding accomplishment in last 15 years.
 - d. Sludge Bio-Solids-Ashley will look into the illegal dumping in Baldwin County.
- IV. Meeting Adjourned at 5:26 p.m.

Attendees: Cathy Barnette, Wade Burcham, John Lake, Mathew Laws, Justice Manning, Larry Norris, Don Ouellette, & Bo Tucker **City Staff:** Ashley Campbell & BJ Eringman **Guest:** Pauline Ouellette

Next Meeting

Date & Time: Monday, March 23 2020 @ 4:30 P.M. Location: Larry Dee Cawyer Scenic Overlook



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

Meeting Agenda

January 8, 2020
2:00 PM

- I. Call Meeting to Order Scenic Overlook
- II. Sub-committee contractor selection discussion and vote
D'Olive Watershed Management Plan II-Scope Breakdown with Costs Review
- III. Adjourn Meeting



City of Daphne - Environmental Advisory Committee (EAC)
D'Olive Creek Watershed Management Plan Update Sub-Committee
Daphne Scenic Overlook

Meeting Minutes
Monday, January 8, 2020 @ 2:00 P.M.

- I. The meeting was called to order by Christian Miller at 2:00 PM.
- II. D'Olive Creek Management Plan Update:
 - a. During the holidays, Christian emailed the subcommittee and informed them that the MBNEP received one Qualification Statement for the D'Olive Creek Watershed Management Plan II from Geosyntec and Thompson Engineering. The subcommittee was asked to review the qualification statement and rate the statement as if there had been several submitted. The subcommittee's meeting scheduled for January 6th was moved to January 8th at 2:00pm at the Scenic Overlook.
 - b. During the meeting results of the qualification statement review were discussed and each member was asked their opinion regarding the statement. Below is a summary of the comments from subcommittee members:
 - 1)There was some inconsistencies in regards to the team members listed in the flow chart and the statement
 - 2)There was concern that the team did not have the experience to address some of the Watershed Characterization in regards to the lake, sedimentation and hydrology.
 - 3)There were some concerns about the entire team's experience and time allotted to each team member.The subcommittee agreed that the concerns could be discussed during the negotiations for the scope of work and fees.
 - c. The subcommittee voted to accept the qualification statement and allow the MBNEP to move forward with scope and fee negotiation. The vote was unanimous.
 - d. The committee asked if Wade could be present to discuss the Plan scope of services at the next EAC Meeting on 1/27/20.
- III. Meeting Adjourned at 3:14 p.m.

Attendees: Cathy Barnette, Bobby Fortenberry, Mathew Laws III, Justice Manning, Christian Miller (MBNEP), Larry Norris & Casey Rains

City Staff: Ashley Campbell

Next Meeting
TBD
Scenic Overlook



City of Daphne - Environmental Advisory Committee
D'Olive Watershed Management Plan I Sub-committee
Daphne City Hall – Executive Boardroom

Meeting Agenda

Monday, November 18, 2019
3:30 PM

- I. Call Meeting to Order at Scenic Overlook
- II. Finalized comments for DWMP II
- III. Set schedule for RFQ review

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

Meeting Agenda

Monday, November 18, 2019
4:30 PM

- I. Call Meeting to Order at City Hall
- II. Review and Approval of Previous Minutes (10/28/19)
- III. Updates on Old Business:
 - a) Grant Updates
 1. MBNEP/ADEM/NRCS 319 Montclair stream restoration
 2. ADECA Village Point boardwalk
 3. ADEM 319 Tiawasee Creek ADEM 319 grant education outreach -*Signs on order*
 4. MBNEP-Public Works-detention basin & Trione-Brookhaven detention basin restorations and enhancements
 5. Forever Wild D'Olive Bay-
 6. Daphne High School-EPA stormwater project grant- Will completed during the 2019-2020 school year
 7. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-Gulf of Mexico Energy Security Act (GOMESA) Grant
 8. D'Olive Watershed Management Plan Update-
EAC MBNEP Plan Update-Subcommittee Meeting-11/5/2019 @200pm
 9. Solid Waste
- IV. Other Business:



**Next Meeting-
January 27, 2020 @ 4:30 P.M.**

City of Daphne - Environmental Advisory Committee (EAC)

Meeting Minutes

Monday, November 18 @ 4:30 P.M.

- I. The meeting was called to order by Chair John Peterson at 4:26pm. The 10/28/19 EAC meeting minutes and 10/10/19 and 11/5/18 DWMP II Sub-committee meeting minutes were reviewed. Don motioned for the committee to accept the meeting minutes. The motion was seconded, after which the minutes were unanimously approved.
- II. Old Business: Updates
 - a. D'Olive Watershed Management Plan Update-The D'Olive Creek Watershed Management Plan Update: EAC Subcommittee Meetings was held on 11/5/2019 and 11/18/19. The Sub-committee meeting minutes were provided for review. Christian Miller provided an update of the status to the EAC.
 - b. MBNEP/ADEM/NRCS 319 Montclair stream restoration. Streamline Environmental, contractor has begun the upstream segment of the restoration. MBNEP has one more right-of-entry agreement to be executed prior to the contractor moving to the downstream segment. If the right of entry is not received soon a decision will have to be made whether to re-engineer that segment or not perform the work.
 - c. ADECA Village Point (VP) Boardwalk Project – The first week of November, Bonnie Gums (USA) and Selena Vaughn (Village Point Foundation) submitted the report to the Alabama Historic Commission (AHC) stating that no artifacts were discovered in the VP evaluation. Once, the AHC approves the report, we will start the construction project. Hopefully, we will start by mid-December.
 - d. MBNEP-Public Works-detention basin & Trione-Brookhaven detention basin restorations and enhancements. Jade Consulting submitted conceptual plans with load reduction information to the City last week. The preliminary cost estimates are higher than expected. The grant is about \$200,000 short. The City will meet with MBNEP and ADEM the first week of December to determine if additional funds are available. If not, we will evaluate which site plan provides the most water quality benefits and move forward with that project.
 - e. Forever Wild (FW) D'Olive Bay-The land owner has requested additional information regarding the appraisals.
 - f. Daphne High School-EPA Grant- Bids have been received for the remaining grant items. Project will be completed by May of 2020.
 - g. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-Gulf of Mexico Energy Security Act (GOMESA) Grant-Bid Specs and the engineering contract for construction observation and survey are in the review stage. Hopefully, the bid request will be in the paper in December. The project could be awarded as early as January with dredging beginning in February 2020.
 - h. Solid Waste-The committee was informed that a Solid Waste/Recycle Program draft ordinance has been prepared for Council review and vote in December. The ordinance items were read to the committee. Ashley agreed to include the draft ordinance with the meeting minutes. Much discussion was held about the program. The committee was asked to attend the upcoming Council Meetings to provide their opinion in regards to the ordinance.
- III. New Business-Below are the committee's recommendations for agenda topic items for the upcoming 2020 year:
 - a. Land Use Ordinance storm water regulation updates
 - b. Formation of a Solid Waste Authority and a County wide-Materials Repurpose Facility (MRF)

Committee was asked to email any additional to be added to list.

- IV. Meeting Adjourned at 5:20 p.m.

Attendees: Del Armstrong, Cathy Barnette, Wade Burcham, John Lake, Mathew Laws, Justice Manning, Fred Nation, Larry Norris, Don Ouellette, John Peterson **City Staff:** Ashley Campbell **Guest:** Christian Miller and Pauline Ouellette

Next Meeting

Date & Time: Monday, January 27, 2020 @ 4:30 P.M. Location: Larry Dee Cawyer Scenic Overlook



City of Daphne - Environmental Advisory Committee
D'Olive Watershed Management Plan I Sub-committee
Daphne City Hall – Executive Boardroom

Meeting Agenda

Monday, November 05, 2019
2:00 PM

- I. Call Meeting to Order at Scenic Overlook
- II. D'Olive Watershed Management Plan II
 - a. Items to add
 - b. Items to enhance and update
 - c. Field work needed
- III. D'Olive Watershed Management Plan II Budget Discussion

City of Daphne - Environmental Advisory Committee (EAC)
D'Olive Creek Watershed Management Plan Update Sub-Committee
Daphne Scenic Overlook

Meeting Minutes
Thursday, November 5 @ 2:00 P.M.

- I. The meeting was called to order by Ashley Campbell & Christian Miller at 2:00 PM.
- II. D'Olive Creek Management Plan Update:
 - a. Christian informed the group that the MBNEP has pooled funds from the Alabama Department of Conservation and Natural Resources (ADCNR), the Alabama Department of Environmental Management (ADEM) and the National Fish and Wildlife Foundation in the amount of \$60,000.
 - b. Much discussion was held by the sub-committee in regards to the plan being titled an update. It was agreed that the effort would involve more than just an update; it would be more like a Phase II or Plan II. The committee also agreed that with new plans costing \$250,000, that \$60,000 was not sufficient funding for the D'Olive Creek Watershed Management Plan II or Phase II.
 - c. The sub-committee reviewed Emery Baya's document titled "DWMP Update Considerations" and made recommendations to derive a cost estimate for Plan II or Phase II. The document with the subcommittee's recommendations typed in green is attached.
 - d. The Sub-committee's recommendations and additions to Plan II will be submitted to the MBNEP along with an estimated cost of \$100,000 with 20% contingency with a total of \$120,000.
- III. Meeting Adjourned at 3:45 p.m.

Attendees: Cathy Barnette, Bobby Fortenberry, Mathew Laws, Justice Manning, Christian Miller (MBNEP), Larry Norris & Casey Rains

City Staff: Ashley Campbell

Next Meeting
Tuesday, November 18, 2019 @ 3:30 P.M.
Scenic Overlook



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

Meeting Agenda

Monday, October 28, 2019
4:30 PM

- I. Call Meeting to Order at City Hall
- II. Review and Approval of Previous Minutes (9/23/19)
- III. Updates on Old Business:
 - a) Grant Updates
 1. MBNEP/ADEM/NRCS 319 Montclair stream restoration
 2. ADECA Village Point boardwalk
 3. ADEM 319 Tiawasee Creek ADEM 319 grant education outreach -*Signs on order*
 4. MBNEP-Public Works-detention basin & Trione-Brookhaven detention basin restorations and enhancements
 5. Forever Wild D'Olive Bay-
 6. Daphne High School-EPA stormwater project grant- Will completed during the 2019-2020 school year
 7. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-Gulf of Mexico Energy Security Act (GOMESA) Grant
 8. D'Olive Watershed Management Plan Update-
EAC MBNEP Plan Update-Subcommittee Meeting-10/10/2019 @200pm
Cathy Barnette
Justice Manning
Mathew Laws
Bo Tucker
Larry Norris
Casey Rains
Bobby Fortenberry
 9. Solid Waste
- IV. Other Business:

**Next Meeting-
November TBD @ 4:30 P.M.**

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

Meeting Minutes
Monday, October 28 @ 4:34 P.M.

- I. The meeting was called to order by Co-Chair Don Ouellette at 4:34 PM. Chair John Peterson joined the meeting shortly after. The 09/23/19 meeting minutes were reviewed. Elliot Riser motioned for the committee to accept the meeting minutes. The motion was seconded, after which the minutes were unanimously approved.
- II. Old Business: Updates
 - a. MBNEP/ADEM/NRCS 319 Montclair stream restoration. NRCS project is complete. MBNEP/ADEM's project has been awarded to Streamline Environmental which is the same contractor as the NRCS project. MBNEP has one more right-of-entry agreement to be executed prior to the project starting. The project hopefully will start in November.
 - b. ADECA Village Point Boardwalk Project has been bid and contractor has been chosen. Construction on hold until the Alabama Historical Commission (AHC) approval has been received. Bonnie Gums (USA), Selena Vaughn (Village Point Foundation) and other volunteers performed an archeological dig last weekend and no artifacts were discovered. Bonnie will submit the report soon. Once, the AHC approves the report, we will start the construction project.
 - c. ADEM 319 Tiawasee Creek ADEM 319 grant education outreach –*Signs have been installed. Grant is complete.*
 - d. MBNEP-Public Works-detention basin & Trione-Brookhaven detention basin restorations and enhancements. Both basins have been surveyed. The site conceptual designs are underway.
 - e. Forever Wild (FW) D'Olive Bay-Offer has been made to new owner. FW is waiting on a land owner response. FW should know decision by November 4th.
 - f. Daphne High School-EPA stormwater project grant- Will be completed during the 2019-2020 school year.
 - g. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-Gulf of Mexico Energy Security Act (GOMESA) Grant-Request for Qualifications for construction observation prepared; awaiting approval.
 - h. Solid Waste-Councilman Goodlin gave an overview of the solid waste dilemma and invited the EAC to Monday's (November 4th) Public Works Committee meeting from 430-630pm to discuss the future of the City's Solid Waste/Recycle program.
 - i. D'Olive Watershed Management Plan Update-The D'Olive Creek Watershed Management Plan Update EAC Subcommittee Meeting was held on 10/10/2019 @200pm. The Sub-committee is listed below:

Daphne Representatives

Cathy Barnette, EAC
Mathew Laws, EAC
Justice Manning, EAC
Larry Norris, EAC
Bo Tucker, EAC

Spanish Fort Representatives

Bobby Fortenberry, City Council
Casey Rains, City Environmental Management

EAC Subcommittee meeting minutes will be provided upon finalization.

- III. New Business-None
- IV. Meeting Adjourned at 5:20 p.m.

Attendees: Del Armstrong, John Lake, Mathew Laws, Fred Nation, Larry Norris, Don Ouellette, John Peterson, Elliot Riser & Bo Tucker

Council: Doug Goodlin **City Staff:** Ashley Campbell & BJ Eringman **Guest:** Gary & Terri Wallace

Next Meeting
Monday, November 18, 2019 @ 4:30 P.M.
Larry Dee Cawyer Scenic Overlook



City of Daphne - Environmental Advisory Committee
D'Olive Watershed Management Plan I Sub-committee
Daphne City Hall – Executive Boardroom

Meeting Agenda

Monday, October 10, 2019
2:00 PM

- I. Call Meeting to Order at City Hall
- II. D'Olive Watershed Management Plan II distribution of review materials
- III. Discuss Schedules

City of Daphne - Environmental Advisory Committee (EAC)
D'Olive Creek Watershed Management Plan Update Sub-Committee
Daphne City Hall-Jubilee Executive Boardroom

Meeting Minutes
Thursday, October 10 @ 2:00 P.M.

- I. The meeting was called to order by Ashley Campbell & Christian Miller at 2:00 PM.
- II. D'Olive Creek Management Plan Update:
 - a. Sub-Committee Members

<u>Daphne Representatives</u> Cathy Barnette, EAC Mathew Laws, EAC Justice Manning, EAC Larry Norris, EAC Bo Tucker, EAC	<u>Spanish Fort Representatives</u> Bobby Fortenberry, City Council Casey Rains, City Environmental Management
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 - b. Christian Miller gave an introduction to watershed planning and the D'Olive Creek Watershed Plan. He stated that the MBNEP has around \$60,000 for the update. He discussed the items that will need to be added to the updated plan and ask the committee to review the plan and reports that Ashley had provided to each member on a jump drive. By the next meeting, he would like the committee to provide a list of items that need to be added and updated for the plan and also, comment on whether or not they feel the update can stay within the proposed budget.
 - c. The committee discussed future meeting dates and times and decided to try to meet monthly on Thursdays until the Request for Qualification for the plan update is ready for go in the paper. The next meeting was scheduled on November 14th at Daphne City Hall.
 - d. Ashley agreed to provide the committee members that could not attend the initial meeting their copy of the plan and reports.
- III. Meeting Adjourned at 2:45 p.m.

Attendees: Christian Miller (MBNEP), Bobby Fortenberry, Mathew Laws, Casey Rains & Bo Tucker
City Staff: Ashley Campbell

Next Meeting
Tuesday, November 5, 2019 @ 2:00 P.M.
New Location: Scenic Overlook



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

Meeting Agenda

Monday, September 23, 2019
4:30 PM

- I. Call Meeting to Order at City Hall
- II. Review and Approval of Previous Minutes (7/22/19)
- III. Updates on Old Business:
 - a) Grant Updates
 1. MBNEP/ADEM/NRCS 319 Montclair stream restoration
 2. ADECA Village Point boardwalk
 3. ADEM 319 Tiawasee Creek ADEM 319 grant education outreach -*Signs on order*
 4. MBNEP-Public Works-detention basin & Trione-Brookhaven detention basin restorations and enhancements
 5. Forever Wild D'Olive Bay-
 6. Daphne High School-EPA stormwater project grant- Will completed during the 2019-2020 school year
 7. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-Gulf of Mexico Energy Security Act (GOMESA) Grant
 - b) D'Olive Watershed Management Plan Update-
EAC MBNEP Plan Update Subcommittee
Cathy Barnette
Justice Manning
Mathew Laws
Bo Tucker
 - c) Solid Waste Discussion-No Council decisions have been made regarding EAC recommendations-A Public Hearing is scheduled for October 7, 2019 at 6:30pm.
- IV. Other Business:

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

Meeting Minutes
Monday, September 23, 2019 @ 4:30 P.M.

- I. The meeting was called to order by Co-Chair Don Ouellette at 4:30 PM.
 - a. The 07/22/19 meeting minutes were reviewed. Cathy Barnette motioned for the committee to accept the meeting minutes. The motion was seconded, after which the minutes were unanimously approved.
- II. Old Business: Updates
 - a. EAC Recycle (Solid Waste Program) motion-A brief discussion was held in regards to the work that the EAC Solid Waste Subcommittee had performed. EAC was asked to attend the 10-07-19 special called Solid Waste discussion Council work session.
 - b. Coal Ash Issue- No update
 - c. ADECA Village Point Boardwalk-Plans complete. Project has been bid and will be awarded in October.
 - d. NFWF, ADEM & Daphne stream restoration projects-Montclair Loop NRCS EWP project complete and MBNEP project is out for bid.
 - e. D'Olive Bay Boat Ramp-dredge permit - Gulf of Mexico Energy Security Act (GOMESA) Grant funds will pay for the project. The city received its USACE dredge permit. The City will start the bid process in October and hopefully begin the project before the end of the year (2019).
 - f. ADEM 319: Tiawasee Creek ADEM 319 is completed and the final report has been submitted
 - g. MBNEP/ADEM319-Public Works-& Trione Basins-Survey is complete. Projects are in the design phase.
 - h. Forever Wild (FW) D'Olive Bay-Federal Wetland Grant awarded to FW for ~\$500,000 to purchase 100 acres of coastal wetland marsh. New owner has not responded to the offer.
 - i. Daphne High School-EPA stormwater project grant update-Grant project will be completed this fall/winter.
 - j. Daphne Utilities Update: No update

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

- k. MBNEP RFQ Subcommittee: Cathy Barnette, Justice Manning, Mathew Laws, Bo Tucker, Larry Norris, Bobby Fortenberry and Casey Rains are serving on the DWMP update sub-committee.
1. Christian Miller informed the EAC D'Olive Creek Watershed Management Plan Subcommittee that the MBNEP has approximately \$60,000-\$70,000 budgeted for the update. The Subcommittee will need to decide which parts of the plan need to be updated and if any additional information needs to be added to the plan. The subcommittee will need to meet monthly for the next few months. The subcommittee agreed that Wednesday or Thursday afternoons would be best for the monthly meetings.
 2. Ashley agreed to make each committee member a copy of the D'Olive Creek Watershed Management Plan and any additional reports that may be needed.
 3. The subcommittee will be sent dates for the meeting within the week.

III. New Business-None

IV. Meeting Adjourned at 5:30pm

Attendees: Cathy Barnette, John Lake, Mathew Laws, Larry Norris, Don Ouellette, & Elliot Riser

City Staff: Ashley Campbell & BJ Eringman **Guest:** Bobby Fortenberry (City of Spanish Fort Council), Christian Miller (MBNEP-Phone) Casey Rains (City of Spanish Fort),

Next Meeting

Monday, October 28, 2019 @ 4:30 P.M.



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

Meeting Agenda

Monday, August 26 2019
4:30 PM

No Meeting

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

Meeting Agenda

Monday, July 22, 2019
4:30 PM

- I. Call Meeting to Order at City Hall
- II. Review and Approval of Previous Minutes (6/24/19)
- III. Updates on Old Business:
 - a) Grant Updates
 1. MBNEP/ADEM/NRCS 319 Montclair stream restoration
 2. ADECA Village Point boardwalk
 3. ADEM 319 Tiawasee Creek ADEM 319 grant education outreach -*Signs on order*
 4. MBNEP-Public Works-detention basin & Trione-Brookhaven detention basin restorations and enhancements
 5. Forever Wild D'Olive Bay-
 6. Daphne High School-EPA stormwater project grant- Will complete this fall during 2019-2020 school year
 7. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-Gulf of Mexico Energy Security Act (GOMESA) Grant
 - b) D'Olive Watershed Management Plan Update- RFQ Subcommittee-MBNEP
- IV. New Business: EAC's Solid Waste Recommendations
- V. Other Business:

**Next Meeting-
August 26 @ 4:30 P.M.**

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

Meeting Minutes
Monday, July 22, 2019 @ 4:33 P.M.

- I. The meeting was called to order by Co-Chair Don Ouellette at 4:33 PM.
 - a. The 06/24/19 meeting minutes were reviewed. Del Armstrong motioned for the committee to accept the meeting minutes. The motion was seconded, after which the minutes were unanimously approved.
- II. Old Business: Updates
 - a. Coal Ash Issue- MBNEP is creating a video regarding the topic. It will be released soon.
 - b. ADECA Village Point Boardwalk-Plans were presented to EAC. No Comments.
 - c. NFWF, ADEM & Daphne stream restoration projects-Montclair Loop NRCS EWP project underway.
 - d. D'Olive Bay Boat Ramp-dredge permit -The city is still awaiting its USACE dredge permit. The City has been awarded a Gulf of Mexico Energy Security Act (GOMESA) Grant to dredge the boat channel. The EAC discussed thin layer dispersal disposal and Mathew Laws involvement with it at the USACE.
 - e. ADEM 319: Tiawasee Creek ADEM 319 grant education outreach signs are nearing completion.
 - f. MBNEP/ADEM319-Public Works-& Trione Basins-Survey work underway
 - g. Forever Wild (FW) D'Olive Bay-Federal Wetland Grant awarded to FW for ~\$500,000 to purchase 100 acres of coastal wetland marsh. Offer made to Jerry Silverstein but due to divorce no response was received. New owner information received. Offer will be sent to new owner.
 - h. Daphne High School-EPA stormwater project grant update-Grant project will be completed this fall.
 - i. Daphne Utilities Update: No update
 - j. MBNEP RFQ Subcommittee: No update
 - k. EAC Recycle (Solid Waste Program) motion presented at the Special Called Council Work session on 6- 24-19:

The EAC has voted unanimously that we as a city have an ethical responsibility to continue to offer a recycle program to our citizens. Further, our members offer to serve as a committee to assist in fact finding and in developing a plan to manage, operate, and maintain recycling in Daphne and our region.

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

III. New Business:

Council requested the EAC submit a recommendation to them regarding which Public Works Solid Waste's Options for the current funding dilemma.

- a. A special EAC Solid Waste Recommendation Subcommittee meeting was called on Wednesday July 17 @300pm (minutes are attached). The EAC Subcommittee submitted the minutes and two recommendations to the full EAC committee on 7/22/19 for review and vote. The EAC reviewed the recommendations, held an in-depth discussion and voted unanimously on Recommendation B detailed below:

Recommendation B: The EAC recommends that the City of Daphne Council approve some version of the **attached** survey to determine citizen's opinion. If a survey is not approved, then the following is the EAC's recommendation to resolve the Solid Waste Issue for the immediate future:

- a. Keep a single stream recycle program that continues to accept all currently accepted recycle items including glass
- b. Keep Garbage pickup at once a week.
- c. Reduce recycle and yard debris pick up to once every two weeks
- d. Provide extra recycle rolling carts to anyone who requests them
- e. Increase rate from \$15.40 to \$18.69 = \$3.29 over two years
- f. Have drop-off station open only during Public Works operating hours
- g. Enhance the City's Recycle Education Outreach Program to guide citizens on how to properly create a clean recycle stream.
- h. Have the City Council pass a resolution supporting the creation of a County wide partnership to seek grant funds to build a Baldwin County MRF.

IV. Meeting Adjourned at 5:34pm

Attendees: Del Armstrong, Cathy Barnette, Wade Burcham, Mathew Laws (phone), Fred Nation, Don Ouellette, & Bo Tucker

City Staff: Ashley Campbell & BJ Eringman **Guest:** Pauline Ouellette, Gary Wallace

Next Meeting

Monday, August 26, 2019 @ 4:30 P.M.



Draft Survey

In the early 2000's, the City of Daphne transitioned its Solid Waste Program from the private sector to the City to offer more affordable and reliable services to its citizens. The overall goal of the program is to cover its operational cost with the monthly fees. However due to the current global market for recyclables along with other challenges, including personnel and equipment maintenance, the City of Daphne's Solid Waste Program operational costs were \$367,734 above the amount of the collected monthly fees in 2018.

The City Council and Mayor value your opinion in resolving this Solid Waste issue. Please, choose the option that you feel would be in the best interest of the City of Daphne in its long-term commitment to serving Daphne residents while continuing to be good stewards of both the environment and financial resources.

Please complete the form below and choose one of the potential options for the Solid Waste Program:

Name: _____

Address: _____

Email (optional): _____

Select One of the Following	Option	Monthly Household Costs	Garbage	Yard Debris/Trash	Recycle	Increase to cover operational cost and allow equipment to be updated on a 5-year basis
	Current	\$15.40 Household	1 Can, 1 Pickup per Week	1 Pickup Per Week	1 Pickup Per Week- Single Stream (no sorting)	Current
	1	\$15.40 Household	1 Can, 1 Pickup per Week	1 Pickup <i>Every Two Weeks</i>	<i>Discontinue</i>	\$0.00
	2	\$15.85 Household	1 Can, 1 Pickup per Week	1 Pickup Per Week	<i>Discontinue</i>	\$0.45
	3	\$18.69 Household	1 Can, 1 Pickup per Week	1 Pickup <i>Every Two Weeks</i>	1 Pickup <i>Every Two Weeks-Single Stream (no sorting)(Additional Rolling Cart can be requested)</i>	\$3.29
	4	\$20.74 Household	1 Can, 1 Pickup per Week	1 Pickup Per Week	1 Pickup Per Week Single Stream (no sorting)	\$5.34

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

Click [here](#) to view comparable rates and services throughout Baldwin County.

City	Provider	Monthly Costs	Garbage	Trash	Recycle
Daphne	City	\$15.40 per Household	1 Can, 1X Week	1X Per Week	1X Per Week Single Stream
Foley	City	\$19.75 per Household	1 Can, 1X Week	1X Per Week	1X Per Week Single Stream
Fairhope	City	\$15.80 per Household (starting 1/1/20)	1 Can, 2X Week	1X Per Week	1X Per Week 3 Bin Separation Model
Orange Beach	City	\$16.25 per Household	1 Can, 2X Week	1X Per Week	1X Every Other Week
Spanish Fort	Advanced	\$19.20 per Household	1 Can, 1X Week	1X Per Week	1X Every Other Week
Baldwin County	County	\$16.00 per Household	1 Can, 1X Week	2X Per Quarter	Drop Off Only
Bay Minette	City	\$16.50 per Household	1 Can, 1X Week	1X Per Week	Drop Off Only
Loxley	City	\$20.08 per Household	1 Can, 1X Week	1X Per Week	Drop Off Only
Robertsdale	City	\$16.00 per Household	1 Can, 1X Week	1X Per Week	Drop Off Only
Silverhill	City	\$17.29 per Household	1 Can, 1X Week	1X Every Other Week	Drop Off Only

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

Special Solid Waste Meeting Minutes
July 17, 2019 @ 3:00 P.M.

- I. EAC co-chair, Don Ouellette, called the special called Solid Waste meeting to order @ 3:00PM.
- II. Solid Waste and Recycle Discussion:
 - a. Ashley gave a summary of the handout materials:
 - i. Public Works Solid Waste Discussion June 24, 2019 Overview and Strategy
 - ii. Other Cities Solid Waste Cost
 - iii. Foley's Newspaper article
 - b. Cathy mentioned that the EAC had two issues to address
 - i. **Short term** solution with recommendations to help the Solid Waste Fund minimize loss and meet budget
 - ii. **Long term** solution to support a long term sustainable Solid Waste Program which would include the City partnering with the County to pursue Baldwin County Material Repurpose Facility (MRF)
 - c. Jeremy gave an overview of the current Solid Waste Program Operation and Cost detailed in the handout.
 - i. Solid waste fund lost \$367,734 in 2018 and at current rate could potentially lose up to \$450,000 in 2019.
 - ii. Strategies to address losses
 1. Reduce Trash/Yard Debris to every other week.
 2. Eliminate Recycle
 3. Eliminate Recycle and increase garbage to twice a week
 4. Outsource all services
 5. Increase monthly SW rates from current \$15.40 to \$20.74. This will cover cost and put the solid waste equipment back on a replacement rotation of every 5 years.
 6. Reduce trash/yard debris to every other week and raise SW rates to \$18.69
 7. Continue operating as is and Solid Waste Program could potentially lose \$450,000 in 2019.
 - iii. Cathy asked if the City was under any contractual agreements with ADEM regarding recycle carts. Jeremy stated Natalie was reviewing the contracts.
 - iv. The City's drop-off recycle location was discussed. Due to the fact that the City offers curbside recycle, the committee agreed that the drop-off location should only be opened during Public Works hours.
 - v. A discussion of the operational challenges within the solid waste department included: age and need for replacement of trucks, costs of hauling to ECUA, handling recycling twice, and staff resources maintaining the drop-off recycling facility.
 - vi. A discussion was held and the committee agreed that with the City Council and Mayor's approval, the City should survey its citizens about the Solid Waste Program. The committee agreed that the survey should give a brief overview of the solid waste dilemma and propose several options for potential solutions to the problem. Ashley and Cathy agreed to work on the survey and submit it to the Solid Waste Sub-committee and then to the entire EAC Committee at the monthly meeting scheduled for Monday, July 22, 2019. The sub-committee also proposed two recommendations for vote by the entire EAC.
 1. **Recommendation A:** The EAC recommends that the City of Daphne:
 - a. Keep a single stream recycle program that continues to accept all currently accepted recycle items
 - b. Keep Garbage pickup at once a week.
 - c. Reduce yard debris and recycle pick up to once every two (2) weeks
 - d. Increase rates to \$20.74 to cover all solid waste operation costs

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

- e. Have drop-off station open only during Public Works operating hours
- f. Revive the City's Recycle Education Outreach Program to guide citizens on how to properly create a clean recycle stream.
- g. Have the City Council pass a resolution supporting the creation of a County wide partnership to seek grant funds to build a Baldwin County MRF.

2. **Recommendation B:** The EAC recommends that the City of Daphne
- a. Keep a single stream recycle program that continues to accept all currently accepted recycle items
 - b. Keep Garbage and Yard debris pick up at once a week.
 - c. Reduce recycle pick up to once every two weeks
 - d. Provide extra recycle rolling carts to anyone who requests them
 - e. Increase rate from \$15.40 to \$18.69 = \$3.29 over two years
 - f. Have drop-off station open only during Public Works operating hours
 - g. Revive the City's Recycle Education Outreach Program to guide citizens on how to properly create a clean recycle stream.
 - h. Have the City Council pass a resolution supporting the creation of a County wide partnership to seek grant funds to build a Baldwin County MRF.

III. Meeting Adjourned at 4:20pm

Attendees: Delbert Armstrong, Cathy Barnette, Ashley Campbell, BJ Eringman, Randy Jones, Don Ouellette, Jeremy Sasser, Gary Wallace & Noel Yoho

Draft Survey

In the early 2000's, the City of Daphne transitioned its Solid Waste Program from the private sector to the City to offer more affordable and reliable serviced to its citizens.

The overall goal of the program is to cover its operational cost with the monthly fees. However due to the current global market for recyclables along with other challenges, including personnel and equipment maintenance, the City of Daphne's Solid Waste Program operational costs were \$367,734 above the amount of the collected monthly fees in 2018.

The City Council and Mayor value your opinion in resolving this Solid Waste issue. Please, choose the option that you feel would be in the best interest of the City of Daphne in its long-term commitment to serving Daphne residents while continuing to be good stewards of both the environment and financial resources.

Please complete the form below and choose one of the potential options for the Solid Waste Program:

Name: _____

Address: _____

Email (optional): _____

Current Rate: \$15.40 per Household

Garbage: 1 Can, 1 Pickup per week

Yard Debris/Trash: 1 Pickup per week

Recycle: 1 Can, 1 Pickup per week, Single Stream (no sorting)

[Click here to view comparable rates and services throughout Baldwin County.](#)

Proposed Options: ***Choose One***

- Reduce Yard Debris pickup to once every two weeks and discontinue recycle, keep solid waste fee at \$15.40
- Keep garbage and yard debris pickup schedules the same, discontinue recycle and increase the Solid Waste fee from \$15.40 to \$15.85 next fiscal year.
- Keep Garbage at once a week pickup and reduce recycle & yard debris pickup to once every 2 weeks and increase the solid waste fee from \$15.40 to \$18.69.
- Keep the Solid Waste Program the same and increase the solid waste fee from \$15.40 to \$20.74.

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

Different Format Below

Select One of the Following	Option	Monthly Costs	Garbage	Yard Debris/Trash	Recycle	Increase
	Current	\$15.40 Household	1 Can, 1 Pickup per Week	1 Pickup Per Week	1 Pickup Per Week-Single Stream (no sorting)	Current
	1	\$15.40 Household	1 Can, 1 Pickup per Week	1 Pickup Every Two Weeks	<i>Discontinue</i>	\$0.00
	2	\$15.85 Household	1 Can, 1 Pickup per Week	1 Pickup Per Week	<i>Discontinue</i>	\$0.45
	3	\$18.69 Household	1 Can, 1 Pickup per Week	1 Pickup Every Two Weeks	1 Pickup Every Two Weeks-Single Stream (no sorting)	\$3.29
	4	\$20.74 Household	1 Can, 1 Pickup per Week	1 Pickup Per Week	1 Pickup Per Week Single Stream (no sorting)	\$5.34

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

Meeting Agenda

Monday, June 24, 2019
4:30 PM

- I. Call Meeting to Order at City Hall
- II. Review and Approval of Previous Minutes (5/28/19)
- III. Updates on Old Business:
 - a) Grant Updates
 1. MBNEP/ADEM/NRCS 319 Montclair stream restoration
 2. ADECA Village Point boardwalk
 3. ADEM 319 Tiawasee Creek ADEM 319 grant education outreach -*Signs on order*
 4. MBNEP-Public Works-detention basin & Trione-Brookhaven detention basin restorations and enhancements
 5. Forever Wild D'Olive Bay-Offer being prepared
 6. Daphne High School-EPA stormwater project grant- Will complete this fall during 2019-2020 school year
 7. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-Gulf of Mexico Energy Security Act (GOMESA) Grant
 - b) D'Olive Watershed Management Plan Update- RFQ Subcommittee-MBNEP
- IV. New Business: EAC's Recommendations for Daphne's Recycle Program
- V. Other Business:

**Next Meeting-
July 22th @ 4:30 P.M.**

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

Meeting Minutes
Monday, June 24, 2019 @ 4:32 P.M.

- I. The meeting was called to order by Chair John Peterson at 4:30 PM
 - a. The 05/28/19 meeting minutes were reviewed. Don Ouellette motioned for the committee to accept the meeting minutes. The motion was seconded, after which the minutes were unanimously approved. An EAC member asked for an updated member list.

- II. Old Business: Updates
 - a. Coal Ash Issue- The coal ash issue was discussed briefly. Ashley emailed the EAC information regarding the issue.
 - b. ADECA Village Point Boardwalk-Engineer survey and design stage underway.
 - c. NFWF, ADEM & Daphne stream restoration project updates- The Tiawasee NRCS EWP at Montclair has been delayed due to an urgent sewer line repair. The NRCS EWP project will kick off in July. The MBNEP/ADEM stream restoration project property's owners meeting will be held July 11th at 5:30pm at the Lake Forest POA 19th Hole. If all goes as planned, the stream project will begin in October.
D'Olive Bay & May Day Boat Ramp Land Acquisition- No update.
 - d. D'Olive Bay Boat Ramp-dredge permit -The city is still awaiting its USACE dredge permit. The City has been awarded a Gulf of Mexico Energy Security Act (GOMESA) Grant to dredge the boat channel. The EAC discussed thin layer dispersal disposal and Mathew Laws involvement with it at the USACE.
 - e. ADEM 319 Tiawasee Creek ADEM 319 grant education outreach -Constructed wetland project- Complete-Education outreach signs ordered.
 - f. MBNEP/ADEM319-Public Works-detention basin & Trione-Tiawasee detention basin retrofits-Engineer chosen, contract executed & kick off meeting with engineers is scheduled for June 28.
 - f) Forever Wild (FW) D'Olive Bay-Federal Wetland Grant awarded to FW for ~\$500,000 to purchase 100acres of coastal wetland marsh. Offer for purchase being prepared-No Additional updates.
 - g) Daphne High School-EPA stormwater project grant update-Grant project will be completed this fall.
 - h) Daphne Utilities Update:-Trash trap-No update. Danny asked Ashley to work with Bobby Purvis in regards to the City's dredging project to ensure that the project area does not include the DU sewer plant outfall line in D'Olive Bay.
 - i) MBNEP RFQ Subcommittee: No updates

III. New Business:

The EAC was informed about the special called Council Work session that would be held at 6:00pm that night. BJ Eringman presented the City's cost associated with solid waste, trash and recycle. The EAC had an in-depth discussion regarding Daphne's recycle program. Several options were discussed even the potential for a Baldwin County multijurisdictional partnership to fund a County Materials Recovery Facility (MRF). The EAC recycle discussion continued. Cathy Barnette made the motion that Don Ouellette represent the EAC at the special called work session and present the following statement in form of a motion:

The EAC has voted unanimously that we as a city have an ethical responsibility to continue to offer a recycle program to our citizens. Further, our members offer to serve as a committee to assist in fact finding and in developing a plan to manage, operate, and maintain recycling in Daphne and our region.

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

IV. Meeting Adjourned at 5:20pm

Attendees: Del Armstrong, Cathy Barnette, Wade Burcham, John Lake, Mathew Laws, Larry Norris, Don Ouellette, and John Peterson

City Staff: Ashley Campbell & BJ Eringman **Guest:** Danny Lyndall, Pauline Ouellette

Next Meeting

Monday, July 22, 2019 @ 4:30 P.M.



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

Meeting Agenda

Monday, May 28, 2019
4:30 PM

- I. Call Meeting to Order at City Hall
- II. Review and Approval of Previous Minutes (4/22/19)
- III. Updates on Old Business:
 - a) NFWF, ADEM & Daphne stream restoration project updates
 - b) D'Olive Bay & May Day Boat Ramp Land Acquisition
 - c) D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership
 - d) ADEM 319 Tiawasee Creek ADEM 319 grant education outreach
 - o Constructed wetland project-
 - o ADEM 319 Tiawasee Creek ADEM 319 Grant-porous paving at Trione Park
 - o MBNEP-Public Works-detention basin & Trione-Tiawasee detention basin retrofits
 - e) Forever Wild D'Olive Bay
 - f) Daphne High School-EPA stormwater project grant update
 - g) Daphne Utilities
 - h) D'Olive Watershed Management Plan Update- RFQ Subcommittee Schedule
- IV. New Business
 - a. Review Daphne's Annual MS4 Report
 - b. Discuss Recycle Crisis
 - c. Coal Ash Issue
- V. Other Business:

**Next Meeting-
June 24th @ 4:30 P.M.**

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

Meeting Minutes
Monday, May 28, 2019 @ 4:30 P.M.

- I. The meeting was called to order by Chair John Peterson at 4:33 PM
- II. The 04/22/19 meeting minutes were reviewed. Don Ouellette motioned for the committee to accept the meeting minutes. The minutes were seconded. The minutes were voted on and unanimously approved.
- III. Old Business: Updates
 - a. NFWF, ADEM & Daphne stream restoration project updates- All projects are complete except for Tiawasee at Montclair which will start this fall.
 - b. D'Olive Bay & May Day Boat Ramp Land Acquisition-No update
 - c. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-No update
 - d. ADEM 319 Tiawasee Creek ADEM 319 grant education outreach
 - 1) Constructed wetland project-Complete-Education outreach signs ordered.
 - 2) ADEM 319 Tiawasee Creek ADEM 319 Grant-porous paving at Trione Park-Complete
 - 3) MBNEP-Public Works-detention basin & Trione-Tiawasee detention basin retrofits-Engineer chosen, contract in the works.
 - e) Forever Wild (FW) D'Olive Bay-Federal Wetland Grant awarded to FW for ~\$500,000 to purchase 100acres of coastal wetland marsh. Offer for purchase being prepared.
 - f) Daphne High School-EPA stormwater project grant update- Daphne Utilities will be trenching in water lines for irrigation within a couple weeks.
 - g) Daphne Utilities Update:
 - 1) Lawsuit: Danny Lyndall gave an update for Daphne Utilities lawsuit; they are still negotiating final language.
 - 2) Pathogens: Danny mentioned that there are several potential sources of pathogens in our streams: pets, wildlife, septic tanks, SSOs. DU is looking into source tracking bacteria in Daphne streams to try to determine the source. He stated that DU is looking into a new testing technique that detects concentrations of artificial sweeteners (Splenda) in water samples. The presence of these sweeteners reveals that the bacteria are from human sources. DU has sent a couple samples to the lab for analysis. More information will be coming soon.
 - 3) He also discussed the installation of an Osprey Initiative Trash Trap on the east side of D'Olive Creek Bridge on North Main Street. Daphne Utilities received a grant to help with the installation from the Mobile Bay National Estuary Program.
 - h) MBNEP RFQ Subcommittee: No updates
- IV. New Business:
 - a. A discussion was held about the current state of recycle in Daphne. The EAC was asked to bring recycle recommendation to next month's meeting. The EAC asked for information on the recycle budget for next month's meeting.
 - b. The EAC reviewed and commented on the City's MS4 Stormwater Management Plan and Annual Report.
 - c. Coal Ash Issue- The coal ash issue was discussed briefly. Some Mobile and Baldwin County cities are being asked by Mobile Bay Keeper to adopt a resolution on the matter. We should be

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

aware that it may become a topic for discussion. Ashley agreed to send out information regarding the issue.

V. Meeting Adjourned at 5:40pm

Attendees: Del Armstrong, Cathy Barnette, Wade Burcham, John Lake, Mathew Laws, Justice Manning, Fred Nation, Larry Norris, Don Ouellette, John Peterson, Elliot Riser, and Bo Tucker

City Staff: Ashley Campbell & BJ Eringman **Guest:** Amy Newbold, Danny Lyndall, Gary Wallace

Next Meeting

Monday, June 24, 2019 @ 4:30 P.M.



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

Meeting Agenda

Monday, April 22, 2019

4:30 PM

- I. Call Meeting to Order at City Hall
- II. Review and Approval of Previous Minutes (2/25/19)
- III. Updates on Old Business:
 - a) NFWF, ADEM & Daphne stream restoration project updates
 - b) D'Olive Bay & May Day Boat Ramp
 - c) D'Olive Bay Boat Ramp-dredge permit update
 - d) ADEM 319 Tiawasee Creek ADEM 319 grant education outreach
 - o Alabama Cooperative Extension System(ACES)-Master Environmental Educator's update
 - o Constructed wetland project-
 - o ADEM 319 Tiawasee Creek ADEM 319 Grant-porous paving at Trione Park
 - o MBNEP-Public Works-detention basin & Trione-Tiawasee detention basin retrofits
 - e) Forever Wild D'Olive Bay
 - f) Daphne High School-EPA stormwater project grant update
 - g) Daphne Utilities
 - h) D'Olive Watershed Management Plan Update- RFQ Subcommittee Schedule
- IV. New Business
- V. Other Business:

Next Meeting-
May 27th @ 4:30 P.M.

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

Meeting Minutes
Monday, April 22, 2019 @ 4:30 P.M.

- I. The meeting was called to order by Chair John Peterson at 4:33 PM
- II. The 02/25/19 meeting minutes were reviewed. Don Ouellette motioned for the committee to accept the meeting minutes. Justice Manning seconded the motion and suggested a typo correction. The minutes were voted on and unanimously approved.
- III. Old Business: Updates
 - a. MBNEP RFQ Subcommittee: Paul Lammers has resigned from the MBNEP. The subcommittee efforts will be delayed until the new MBNEP project manager is hired.
 - b. The Well Road Constructed Wetland project is nearly completed. Plants and sod are being installed. Education Outreach signage is on order.
 - c. The Daphne High School EPA grant is coming to a summer break. **SJ&L Contracting** volunteered 3 days onsite. They graded the site and installed all the riprap and gravel for the roads, ditches and slope stabilization. Their help has been amazing... We will seed and mulch the site for the summer and complete the grant in the fall. They will be thanked for their contributions.
 - d. MBNEP Stream Projects: Ashley and John gave an update on all projects. All are complete except for Tiawasee at Montclair which will start this fall.
 - e. *Pathogens*: The City's Coastal Water Quality Monitoring Program was discussed. The committee discussed the pathogen issue and health concerns regarding the issues in D'Olive Creek and the potential sources of pathogens. A discussion was held about non-human sources (pets and wild animals). It was agreed that source tracking would be valuable. Ashley mentioned that she is working with Baldwin and Mobile County entities and EPA to find grant funding for a source tracking program across the two counties which will include D'Olive Creek.

Grinder Pumps: The long term issue with the maintenance and replacement (3-5years) of residential grinder pumps was discussed. John Lake mentioned looking into a company that would provide maintenance and replacement for a monthly fee. Ashley will look into it.
- IV. Other Items Discussed: Mike Shelton and Casey Fulford presented the Resilience to Future Flooding in the northern Gulf of Mexico Video Series which can be found at www.vimeo.com/channels/GulfSLR. They informed the EAC about a grant funding opportunity (information attached) for communities' to assist them with resilience planning.
- V. Meeting Adjourned at 5:40pm

Attendees: Del Armstrong, Wade Burcham, John Lake, Mathew Laws, Justice Manning, Larry Norris, Don Ouellette, John Peterson & Noel Yoho

City Staff: Ashley Campbell & BJ Eringman **Guest:** Casey Fulford, Pauline Ouellette, & Mike Shelton

Next Meeting-Moved Due to Holiday
Tuesday, May 28, 2019 @ 4:30 P.M.



MCM 2 Public Involvement/Public Participation
3.1.B-2.1b EAC Review of Stormwater Management Program Plan

EAC MS4 Report Review	Meeting Date
EAC Meeting	5/26/2020

City of Daphne - Environmental Advisory Committee
GoToMeeting

Meeting Agenda

Tuesday, May 26, 2020
4:30 PM

- I. Call Meeting to Order at City Hall
- II. Review and Approval of Previous Minutes 1/27/20
- III. Updates on Old Business:
 - a) Grant Updates
 - 1. ADECA Village Point boardwalk
 - 2. MBNEP-Public Works-detention basin & Trione-Brookhaven detention basin restorations and enhancements
 - 3. Forever Wild D'Olive Bay
 - 4. Daphne High School-EPA stormwater project grant- Will completed during the 2019-2020 school year
 - 5. D'Olive Bay Boat Ramp-dredge permit update-USACE Partnership-Gulf of Mexico Energy Security Act (GOMESA) Grant
 - 6. D'Olive Watershed Management Plan Update-EAC MBNEP Plan Update-Subcommittee Meeting-03/11/20 Meeting Minutes-EAC Role from this point forward
 - b) Solid Waste
 - c) Land Use Ordinance Review
- IV. 2019-2020 MS4 Annual Report Review



Next Meeting-
June 22, 2020 @ 4:30 P.M.

MCM Public Participation/Public Involvement
3.1.B-2.3 BC Water Festival Coastal Kids Quiz

Event Name	Date	Location
Water Festival-BC-	5/1/2019	WJ Carrol
Water Festival-BC-City Sponsor \$500	10/29/2019	Baldwin County Colesium

From: Valerie Longa <vlonga@joinACF.org>

Sent: Friday, April 12, 2019 3:48 PM

To: Ashley Campbell <acampbell@daphneal.com>

Subject: 2019 W. J. Carroll Intermediate Water Festival Volunteer Confirmation

2019 WJ Carroll Intermediate Water Festival Volunteer

Dear Ashley,

Thank you for signing up to volunteer at the W. J. Carroll Intermediate Water Festival! It will take place on Wednesday, May 1 at W. J. Carroll Intermediate (1000 Main Street, Daphne, AL 36526) from 12:00 - 2:00 p.m. As the Alabama Coastal Foundation's Outreach Coordinator, I appreciate your interest in making this important program a success. The purpose of the festival is to allow fourth grade students to have fun learning by providing hands-on opportunities to help them understand about the importance of water, conservation, and the environment.

By volunteering your time you are ensuring that fourth grade students in Daphne have access to hands-on activities that teach them about their watershed, water quality protection and the interconnectedness of our coastal way of life.

I will follow up soon with more information related to the Water Festival activities and event logistics. Please feel free to contact me if you have any questions!

Best,

Valerie-----

Valerie Longa

Outreach Coordinator

Alabama Coastal Foundation

250 Conti Street, 2nd Floor

PO Box 1073

Mobile, AL 36633

251-990-6002

www.joinACF.org

vlonga@joinACF.org



TABLE 5. CITY BROCHURES & HANDOUTS & LOCATIONS

Brochure, Handout, Flyer Title	Source	Distribution Location
Field Guide for Erosion & Sediment Control	City of Daphne Purchased with Clean Water Future Logo	Building Department
The 10 Best Native Trees	City of Daphne & Foley	Building Department, Public Works, , City Library & Recreation Department
The 10 Best Native Shrubs	City of Daphne & Foley	Building Department, Public Works, City Library & Recreation Department
Erosion and Sediment Control Guide	Alabama Homebuilders	Building Department
Recycle Brochure (Updated 2019)	City of Daphne	Building Department, Public Works, City Library & Recreation Department
Phase II MS4 Brochure	City of Daphne	Building Department, Public Works, City Library & Recreation Department
Just Say No to Plastic	City of Daphne, MBNEP, Baldwin County	Building Department, Public Works, City Library & Recreation Department
Effective CBMP Plans Brochure	City of Daphne	Building Department, Public Works, City Library & Recreation Department
Clean Water Future MS4 Brochures	Mobile Bay NEP, Cities of Daphne, Foley, Mobile & Mobile County	Building Department, Public Works, City Library & Recreation Department
Create a Clean Water Future (CCWF) Campaign Brochure	City of Daphne, Mobile Bay NEP	Building Department, Public Works, City Library & Recreation Department
Illicit Discharge Detection & Elimination	City of Daphne	Building Department, Public Works, City Library & Recreation Department
Off Road Vehicle Owners Clean Water Future Brochure	City of Daphne	Building Department, Public Works, City Library & Recreation Department
Stormwater Facility Maintenance	City of Daphne	Building Department, Public Works, City Library & Recreation Department
Proper Disposal of Expired or Un-needed Prescription Drugs	City of Daphne	Building Department, Public Works, City Library & Recreation Department
Rain Barrels	City of Daphne	Building Department, Public Works, City Library & Recreation Department

MCM Public Participation/Public Outreach
3.1.B-2.4 Community Clean-Up Day

Community Clean Up Event	Date
Coastal Clean Up	9/21/2019
Daphne Beautification Committee Clean Up Day	4/13 & 27/2019



STATE OF ALABAMA
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
STATE LANDS DIVISION, COASTAL SECTION

KAY IVEY
GOVERNOR

CHRISTOPHER M. BLANKENSHIP
COMMISSIONER

EDWARD F. POOLOS
DEPUTY COMMISSIONER

5 Rivers ~ Alabama's Delta Resource Center
31115 – 5 Rivers Boulevard
Spanish Fort, Alabama 36527
(251) 621-1216
(251) 621-1331 Fax

PATRICIA POWELL MCCURDY
DIRECTOR
STATE LANDS DIVISION

HANK BURCH
ASSISTANT DIRECTOR
STATE LANDS DIVISION

WILLIAM V. UNDERWOOD
COASTAL SECTION ADMINISTRATOR
STATE LANDS DIVISION

July 29, 2019

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

RE: 32nd 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 32nd Annual Coastal Cleanup on **Saturday, September 21, 2019**.

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, over **98,000 volunteers** have participated in the Alabama Coastal Cleanup and removed more than **1.6 million pounds** of marine debris from Alabama's valued coastline.

The City of Daphne has been a strong and dedicated supporter and participant in this event. 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 (AL PALS), would like to request that the City continue its support by providing onsite trash disposal of the cleanup debris.

A dumpster, or other type of trash receptacle, would be needed at the following locations:

MAY DAY PARK - (1 DUMPSTER)

Please help us make this year's Coastal Cleanup a great success by providing your support for this worthy cause. If you would like, I am available to speak with the City Council regarding this issue and the Annual Alabama Coastal Cleanup. In addition, Cathy Barnette (251.929.9801) will be the volunteer Zone Captain for the Daphne Zone.

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

Sincerely,

Angela Underwood
State Coordinator
AL Coastal Cleanup

cc: Ashley Campbell

32ND ANNUAL ALABAMA COASTAL CLEANUP

Get the Trash Out of the Splash

**SATURDAY
9.21.2019
8AM-12PM**



visit www.alabamacoastalcleanup.com or call 251-928-9792

Zone Contact _____

Zone Location _____

Phone Number _____ Email _____

LEND a hand.
SHARE a plant.
DONATE your time.



Join the
DAPHNE BEAUTIFICATION COMMITTEE
for Volunteer Clean-up &
help Keep Daphne Beautiful!

PICK A PROJECT!

Gator Boardwalk
Daphne Civic Center Complex
Daphne Museum & Cemetery
May Day Park
Patriot's Point
Joe Lewis Patrick Park
McMillan Bluff
Signage Clean-up
AL PALS Litter Day &/or Clean Campus

PICK A DATE!

Currently scheduling 2019 dates:
February 2, 9, 16 &/or 23
March 2, 23 &/or 30
April 13 &/or 27

WHO CAN HELP?

- Young people - great for volunteer service hours, resumes, college &/or job applications
- Seniors - a great "give back" opportunity & chance for fellowship
- School & church classes, clubs & organizations - "fun" community service

WHAT IS INVOLVED?

We rake, pull weeds, pick-up trash, blow parking lots, power wash, install pine straw (when available), and much more!

WHAT DO WE BRING?

Water, gloves, rakes or any other yard tools you may have handy.

HOW DO WE SIGN UP?

Call or text Master Gardener Judie Swan, Chairperson of the Daphne Beautification Committee, at 318-573-6181 with the PROJECT LOCATION & DATE of your choice.



MCM Public Involvement/Public Participation
3.1.B-2.5 Daphne Keep Daphne Beautiful -America's Recycle Day

Event	Date
Keep Daphne Beautiful Recycle & Amnesty Day	4/6/2019

Spring cleaning Made EASY!

KEEP DAPHNE BEAUTIFUL DAY

April 6, 2019
8 am - 12 pm • Daphne City Hall

Free & convenient services for the residents of the City of Daphne to spruce up your life & to help Keep Daphne Beautiful!



Please have your materials organized by a **CATEGORY** below to ensure quick & efficient unloading:

HOUSEHOLD HAZARDOUS WASTE

Aerosol cans, Cleaners/Spot Removers, Adhesives, Resins, Hobby & Art Supplies, Latex & Oil Paints/Stains, Pesticides, Thinners & Strippers, Wood Preservatives, Insecticides, Weed Killers, Poisons, Propane Cylinders, &/or Pool Chemicals.

TIRES

Old Tires (all types of rubber tires) - NO Tractor tires permitted - Maximum size tire accepted will be LT275/65R20

THRIFT STORE DONATIONS

Clothes, Shoes, Toys, Purses, Jewelry, Household Items, etc. (In good condition)

BOOKS

Used Books & Magazines (In good condition)

DO NOT BRING

Ammunition, Fireworks, Explosives, Radioactive Waste, Syringes, Unknown Compressed Gas Cylinders, &/or Infectious & Biological Waste.

VEHICLE REPAIRS RECYCLING

Used Motor Oil, Brake Fluids, Transmission Fluids, &/or Car Batteries

SHREDDING

Tax forms, medical forms, old credit card, discs, dvd/cd's (Note: staples & paper clips are allowed, but no other metal objects)

DRUGS/PRESCRIPTIONS

Old/Out of Date Prescriptions



For more information,
contact Daphne Public Works
at 251-620-2100.



Ashley Campbell

From: Natalie Fonseca
Sent: Monday, May 18, 2020 1:58 PM
To: Ashley Campbell
Subject: RE: Recycle

April 2019 (139.99 tons)
May 2019 (172.99 tons)
June 2019 (150.00 tons)
July 2019 (138.92 tons)
August 2019 (212.55)
September 2019 (119.91 tons)
October 2019 (0 tons-ECUA Contract Expired-pending renewal from City Council)
November 2019 (0 tons-ECUA Contract Expired-pending renewal from City Council)
December 2019 (0 tons-ECUA Contract Expired-pending renewal from City Council)

Thank you.

From: Ashley Campbell <acampbell@daphneal.com>
Sent: Monday, May 18, 2020 7:46 AM
To: Natalie Fonseca <nfonseca@daphneal.com>
Subject: Recycle

Do you have any recycle numbers for last year from 4/1/2019 until the facility burned down?

Ashley Campbell, CPESC
Environmental Programs Manager
City of Daphne
1705 Main Street
PO Box 400
Daphne, AL 36526
251-621-3080 (office)
251-621-3719 (fax)
251-234-7122 (cell)

SCRAP TIRE QUARTERLY REPORT

APRIL THROUGH JUNE | 2019

City of Daphne

Complete the name and address of the facility submitting the quarterly report. Enter your ADEM permit number or registration number.

Report the amount of tire materials handled.

Report the name, principal business location (city and state only) and ADEM permit number or registration number of transporters, processors and SWDF to whom tire materials were sent.

Type the name and title of the responsible official signing the quarterly report, and the date signed.

This report must be submitted no later than the twenty-eighth day of the next month after the end of the reporting period.

For more information or help with completing your reports, please contact the ADEM program manager for your county.

[Carla Avery](#) - Autauga, Baldwin, Barbour, Bullock, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Dallas, Elmore, Escambia, Geneva, Henry, Houston, Lowndes, Macon, Monroe, Montgomery, Pike, and Wilcox

[Scott Demick](#) - Blount, Calhoun, Chambers, Cherokee, Chilton, Clay, Cleburne, Coosa, De Kalb, Etowah, Jackson, Jefferson, Lee, Madison, Marshall, Randolph, Russell, Shelby, St Clair, Talladega, and Tallapoosa

[Wayne Crockett](#) - Bibb, Choctaw, Clarke, Colbert, Cullman, Fayette, Franklin, Greene, Hale, Lamar, Lauderdale, Lawrence, Limestone, Marengo, Marion, Mobile, Morgan, Perry, Pickens, Sumter, Tuscaloosa, Walker, Washington, Winston, and Out of State

Contact Information

Facility Name: *

City of Daphne Mechanical Dept.

Address: *

911 Shop Ln.

City: *

Daphne

State: *

AL

Zip Code: *

36526

Permit or Registration Number: * County: *

0000003689

Baldwin

Please identify who you are reporting as: *

Receiver

Transporter

Processor receiving tire materials

Processor shipping tire materials

Solid waste disposal facility

Please check all that apply

Receiver

Please ensure you select a unit of measure

TIRE MATERIALS HANDLED	UNIT	AMOUNT	CONVERTED TO TONS
Number or tons offered for transportation	Number of Tires	195.000	2.194
Number or tons transported to a processor	- select -		
Number or tons transported to a landfill	- select -		

Tire Material Destination

Name, Location and Scrap Tire Permit or Registration Number of transporters, processors and SWDF to whom tire materials were sent.

	NAME	CITY	STATE	PERMIT/REG NUMBER
1	Circle D Enterprises	Opp	AL	s0000045476

Certification

I hereby certify that this report has been prepared and/or examined by me, and to the best of my knowledge and belief, is a true and complete report for the period stated. *

Check to certify

Name * Eric Seals
Title * Mechanical Supervisor
Date * 07/01/2019

Clicking the "Save Draft" button will allow you to return to this form to make changes. ADEM administrators will NOT consider your form until you mark complete.

Clicking the "Mark Complete" will lock your form and no further changes can be made. ADEM administrators will consider your form complete if you Mark Complete.

Response created on: Jul 1, 2019 at 12:36 PM CDT by eseals@daphneal.com

Response last updated on: Jul 1, 2019 at 12:36 PM CDT by eseals@daphneal.com

SCRAP TIRE QUARTERLY REPORT

JULY THROUGH SEPTEMBER | 2019

City of Daphne

Complete the name and address of the facility submitting the quarterly report. Enter your ADEM permit number or registration number.

Report the amount of tire materials handled.

Report the name, principal business location (city and state only) and ADEM permit number or registration number of transporters, processors and SWDF to whom tire materials were sent.

Type the name and title of the responsible official signing the quarterly report, and the date signed.

This report must be submitted no later than the twenty-eighth day of the next month after the end of the reporting period.

For more information or help with completing your reports, please contact the ADEM program manager for your county.

Carla Avery - Autauga, Baldwin, Barbour, Bullock, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Dallas, Elmore, Escambia, Geneva, Henry, Houston, Lowndes, Macon, Monroe, Montgomery, Pike, and Wilcox

Scott Demick - Blount, Calhoun, Chambers, Cherokee, Chilton, Clay, Cleburne, Coosa, De Kalb, Etowah, Jackson, Jefferson, Lee, Madison, Marshall, Randolph, Russell, Shelby, St Clair, Talladega, and Tallapoosa

Wayne Crockett - Bibb, Choctaw, Clarke, Colbert, Cullman, Fayette, Franklin, Greene, Hale, Lamar, Lauderdale, Lawrence, Limestone, Marengo, Marion, Mobile, Morgan, Perry, Pickens, Sumter, Tuscaloosa, Walker, Washington, Winston, and Out of State

Contact Information

Facility Name: *

City of Daphne Mechanical Dept.

Address: *

911 Shop Ln.

City: *

Daphne

State: *

AL

Zip Code: *

36526

Permit or Registration Number: * County: *

0000003689

Baldwin

Please identify who you are reporting as: *

Receiver

Transporter

Processor receiving tire materials

Processor shipping tire materials

Solid waste disposal facility

Please check all that apply

Receiver

Please ensure you select a unit of measure

TIRE MATERIALS HANDLED	UNIT	AMOUNT	CONVERTED TO TONS
Number or tons offered for transportation	Number of Tires	112.000	1.260
Number or tons transported to a processor	- select -		
Number or tons transported to a landfill	- select -		

Tire Material Destination

Name, Location and Scrap Tire Permit or Registration Number of transporters, processors and SWDF to whom tire materials were sent.

	NAME	CITY	STATE	PERMIT/REG NUMBER
1	circle d enterprises	opp	al	s0000045476

Certification

I hereby certify that this report has been prepared and/or examined by me, and to the best of my knowledge and belief, is a true and complete report for the period stated. *

Check to certify

Name *	Title *	Date *
eric seals	Mechanical Supervisor	10/08/2019

All errors must be fixed before you can mark the form Complete. ADEM administrators will not consider your form complete until you Mark Complete.

Response created on: Oct 8, 2019 at 11:57 AM CDT by eseals@daphneal.com

Response last updated on: Oct 8, 2019 at 11:57 AM CDT by eseals@daphneal.com

SCRAP TIRE QUARTERLY REPORT

OCTOBER THROUGH DECEMBER | 2019

City of Daphne

Complete the name and address of the facility submitting the quarterly report. Enter your ADEM permit number or registration number.

Report the amount of tire materials handled.

Report the name, principal business location (city and state only) and ADEM permit number or registration number of transporters, processors and SWDF to whom tire materials were sent.

Type the name and title of the responsible official signing the quarterly report, and the date signed.

This report must be submitted no later than the twenty-eighth day of the next month after the end of the reporting period.

For more information or help with completing your reports, please contact the ADEM program manager for your county.

[Carla Avery](#) - Autauga, Baldwin, Barbour, Bullock, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Dallas, Elmore, Escambia, Geneva, Henry, Houston, Lowndes, Macon, Monroe, Montgomery, Pike, and Wilcox

[Scott Demick](#) - Blount, Calhoun, Chambers, Cherokee, Chilton, Clay, Cleburne, Coosa, De Kalb, Etowah, Jackson, Jefferson, Lee, Madison, Marshall, Randolph, Russell, Shelby, St Clair, Talladega, and Tallapoosa

[Wayne Crockett](#) - Bibb, Choctaw, Clarke, Colbert, Cullman, Fayette, Franklin, Greene, Hale, Lamar, Lauderdale, Lawrence, Limestone, Marengo, Marion, Mobile, Morgan, Perry, Pickens, Sumter, Tuscaloosa, Walker, Washington, Winston, and Out of State

Contact Information

Facility Name: *

City of Daphne Mechanical Dept.

Address: *

911 Shop Ln.

City: *

Daphne

State: *

AL

Zip Code: *

36526

Permit or Registration Number: * County: *

0000003689

Baldwin

Please identify who you are reporting as: *

Receiver

Transporter

Processor receiving tire materials

Processor shipping tire materials

Solid waste disposal facility

Please check all that apply

Receiver

Please ensure you select a unit of measure

TIRE MATERIALS HANDLED	UNIT	AMOUNT	CONVERTED TO TONS
Number or tons offered for transportation	Number of Tires	43.000	0.484
Number or tons transported to a processor	- select -		
Number or tons transported to a landfill	- select -		

Tire Material Destination

Name, Location and Scrap Tire Permit or Registration Number of transporters, processors and SWDF to whom tire materials were sent.

	NAME	CITY	STATE	PERMIT/REG NUMBER
1	circle d enterprises	opp	al	s0000045476

Certification

I hereby certify that this report has been prepared and/or examined by me, and to the best of my knowledge and belief, is a true and complete report for the period stated. *

Check to certify

Name *	Title *	Date *
Eric Seals	Mechanical Supervisor	01/06/2020

All errors must be fixed before you can mark the form Complete. ADEM administrators will not consider your form complete until you Mark Complete.

Response created on: Jan 6, 2020 at 07:52 AM CST by eseals@daphneal.com

Response last updated on: Jan 6, 2020 at 07:52 AM CST by eseals@daphneal.com

SCRAP TIRE QUARTERLY REPORT

JANUARY THROUGH MARCH | 2020

City of Daphne

Complete the name and address of the facility submitting the quarterly report. Enter your ADEM permit number or registration number.

Report the amount of tire materials handled.

Report the name, principal business location (city and state only) and ADEM permit number or registration number of transporters, processors and SWDF to whom tire materials were sent.

Type the name and title of the responsible official signing the quarterly report, and the date signed.

This report must be submitted no later than the twenty-eighth day of the next month after the end of the reporting period.

For more information or help with completing your reports, please contact the ADEM program manager for your county.

[Carla Avery](#) - Autauga, Baldwin, Barbour, Bullock, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Dallas, Elmore, Escambia, Geneva, Henry, Houston, Lowndes, Macon, Monroe, Montgomery, Pike, and Wilcox

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[Wayne Crockett](#) - Bibb, Choctaw, Clarke, Colbert, Cullman, Fayette, Franklin, Greene, Hale, Lamar, Lauderdale, Lawrence, Limestone, Marengo, Marion, Mobile, Morgan, Perry, Pickens, Sumter, Tuscaloosa, Walker, Washington, Winston, and Out of State

Contact Information

Facility Name: *

City of Daphne Mechanical Dept.

Address: *

911 Shop Ln.

City: *

Daphne

State: *

AL

Zip Code: *

36526

Permit or Registration Number: * County: *

0000003689

Baldwin

Please identify who you are reporting as: *

Receiver

Transporter

Processor receiving tire materials

Processor shipping tire materials

Solid waste disposal facility

Please check all that apply

Shoreline Environmental, Inc.

21971 Co. Rd. 68 N.
 Robertsdale, AL
 36567

BILL

Date	Invoice #
4/23/2019	45671

Bill To

City of Daphne
 P.O. Box 400
 Daphne, AL 36526

Work Location

City of Daphne
 911 Shop Ln.
 Daphne, AL 36526

Due Date	Account #	Rep	P.O. No.
5/23/2019		#12	

Item	Qua...	Description	Rate	Serviced	Amount
Used oil picked...	425	Gallons of used oil picked up	0.20	4/18/2019	85.00
Antifreeze	150	Gallons of used antifreeze picked up	0.50		75.00
		Sales Tax	0.00%		0.00

Thank you for your business.

Total	\$160.00
--------------	----------

Balance Due	\$160.00
--------------------	----------

Office Phone #	Office Fax #
251-960-5505	251-960-5506

Shoreline Environmental, Inc.

21971 Co. Rd. 68 N.
 Robertsdale, AL
 36567

BILL

Date	Invoice #
6/25/2019	46402

Bill To

Work Location

City of Daphne
 P.O. Box 400
 Daphne, AL 36526

City of Daphne
 911 Shop Ln.
 Daphne, AL 36526

Due Date	Account #	Rep	P.O. No.
7/25/2019		#12	

Item	Qua...	Description	Rate	Serviced	Amount
Used oil picked...	300	Gallons of used oil picked up	0.20	6/24/2019	60.00
Waste	90	Gallons of oily water picked up	0.50		45.00
		Sales Tax	0.00%		0.00

APPROVED INVOICE 167000

DEPT ORGN 53445

OBJECT# _____ PROJECT# _____

DATE _____ SUPERVISOR _____

DATE _____ DEPT HEAD APPROVAL _____

Thank you for your business.	Total	\$105.00
	Balance Due	\$105.00

Office Phone #	Office Fax #
251-960-5505	251-960-5506

Shoreline Environmental, Inc.

21971 Co. Rd. 68 N.
 Robertsdale, AL
 36567

BILL

RECEIVED

JUN 12 2019

Date	Invoice #
6/7/2019	46176

Bill To
City of Daphne P.O. Box 400 Daphne, AL 36526

Work Location
City of Daphne 911 Shop Ln. Daphne, AL 36526

Due Date	Account #	Rep	P.O. No.
7/7/2019		#12	

Item	Qua...	Description	Rate	Serviced	Amount
55 Gal. Oil Filt...	2	Drums of used oil filters picked up Sales Tax	75.00 0.00%	6/6/2019	150.00 0.00

APPROVED INVOICE 167000
 DEPT ORG# 53445
 OBJECT # _____ PROJECT # _____
 DATE _____ SUPERVISOR _____
 DATE _____ DEPT HEAD APPROVAL _____

Thank you for your business.

Total	\$150.00
Balance Due	\$150.00

Office Phone #	Office Fax #
251-960-5505	251-960-5506

Office: 251-960-5505

21971 Co. Rd. 68 N. Robertsdale, AL 36567

New Cust: _____

Cell: 251-747-7607

Info: _____

Fax: 251-960-5506

Price: _____

D.C.: 186*116*21330

Service: _____

FY2019



JOB TICKET / NON-HAZARDOUS WASTE MANIFEST

47497

GENERATOR	
Name: <i>CITY of Daphne</i>	Date: <i>09/24/19</i>
Physical Address: <i>oil shop Ln Daphne AL 36526</i>	
Mailing Address:	
Phone: <i>251-621-1348</i>	Generator's US EPA ID # <i>ALR000001164</i>

EPA Non-Hazardous, DOT Non-Regulated			Halogen Level		PPM	
Qty	Unit	Material	A/I/M	Price/Per Unit	Dollars/Cents	
<i>1</i>	<i>Dm</i>	<i>used oil filters</i>	<i>A</i>	<i>C</i>	<i>\$75/Dm</i>	<i>75</i>
APPROVED INVOICE <i>167000</i> DEPT ORGN <i>53445</i> SUBJECT # <i>9-094-19</i> PROJECT # <i>210</i> DATE _____ SUPERVISOR _____ DATE _____ DEPT HEAD APPROVAL _____						
					TOTAL <i>\$75</i>	

P.O. # _____ JOB # _____

GENERATOR'S CERTIFICATION: I certify the materials described above on this job ticket/manifest are not subject to federal regulations for reporting proper disposal of hazardous waste. I also agree with the pricing terms as listed above.

Generator's/Officer's Printed Name <i>Danielle Sanford</i>	Signature <i>[Signature]</i>	Month <i>09</i>	Day <i>24</i>	Year <i>19</i>
FOR EMERGENCY RESPONSE INFORMATION CALL INFO TRAC 800-535-5053				

TRANSPORTER	
Transporter Name: SHORELINE ENVIRONMENTAL, INC. PHONE: 251-960-5505	U.S. EPA ID Number: <i>ALR000039974</i>
Driver Printed Name: <i>Chance Duncan</i>	Signature: <i>[Signature]</i>
	Month <i>09</i>
	Day <i>24</i>
	Year <i>19</i>

DESIGNATED FACILITY	
Designated Facility Name/Address: SHORELINE ENVIRONMENTAL, INC. 21971 CO. RD. 68 N. ROBERTSDALE, AL 36567 PHONE: 251-960-5505	U.S. EPA ID Number: <i>ALR 000039974</i>

Facility owner or operator certification of receipt of material covered by this manifest			
Owner/Operator Printed Name:	Signature:	Month	Day

Shoreline Environmental, Inc.

21971 Co. Rd. 68 N.
 Robertsdale, AL
 36567

RECEIVED

SEP 09 2019

BILL

Date	Invoice #
9/4/2019	47170

Bill To

City of Daphne
 P.O. Box 400
 Daphne, AL 36526

Work Location

City of Daphne
 911 Shop Ln.
 Daphne, AL 36526

Due Date	Account #	Rep	P.O. No.
10/4/2019		#12	

Item	Qua...	Description	Rate	Serviced	Amount
Used oil picked...	325	Gallons of used oil picked up	0.20	9/3/2019	65.00
Antifreeze	75	Gallons of used antifreeze picked up	0.50		37.50
		Sales Tax	0.00%		0.00

PROVED INVOICE
 DEPT ORG# 162000
 OBJECT # 53445
 PROJECT #
 DATE SUPERVISOR
 DATE DEPT HEAD APPROVAL

Thank you for your business.

Total \$102.50

Balance Due \$102.50

Office Phone #	Office Fax #
251-960-5505	251-960-5506

Shoreline Environmental, Inc.

21971 Co. Rd. 68 N.
 Robertsdale, AL
 36567

BILL

RECEIVED

NOV 18 2019

Date	Invoice #
11/13/2019	48196

Bill To

Work Location

City of Daphne
 P.O. Box 400
 Daphne, AL 36526

City of Daphne
 911 Shop Ln.
 Daphne, AL 36526

Due Date	Account #	Rep	P.O. No.
12/13/2019		#12	

Item	Qua...	Description	Rate	Serviced	Amount
Used oil picked...	350	Gallons of used oil picked up	0.20	11/12/2019	70.00
Waste	75	Gallons of oily water picked up	0.50		37.50
		Sales Tax	0.00%		0.00

APPROVED INVOICE 67000

DEPT ORG# 53445

OBJECT # _____ PROJECT # _____

DATE _____ SUPERVISOR _____

DATE _____ DEPT HEAD APPROVAL _____

Thank you for your business.	Total	\$107.50
	Balance Due	\$107.50

Office Phone #	Office Fax #
251-960-5505	251-960-5506

Shoreline Environmental, Inc.

21971 Co. Rd. 68 N.
 Robertsdale, AL
 36567

BILL

Date	Invoice #
1/31/2020	49181

Bill To

Work Location

City of Daphne
 P.O. Box 400
 Daphne, AL 36526

City of Daphne
 911 Shop Ln.
 Daphne, AL 36526

Due Date	Account #	Rep	P.O. No.
3/1/2020		#12	

Item	Qua...	Description	Rate	Serviced	Amount
Used oil picked...	390	Gallons of used oil picked up	0.20	1/30/2020	78.00
Waste	75	Gallons of oily water picked up	0.50		37.50
		Sales Tax	0.00%		0.00

APPROVED INVOICE 167000

DEPT ORG# 53445

OBJECT # _____ PROJECT # _____

DATE _____ SUPERVISOR _____

DATE _____ DEPT HEAD APPROVAL _____

Thank you for your business.

Total	\$115.50
Balance Due	\$115.50

Office Phone #	Office Fax #
251-960-5505	251-960-5506

Office: 251-960-5505

21971 Co. Rd. 68 N. Robertsdale, AL 36567

New Cust: _____

Cell: 251-747-7607

Info: _____

Fax: 251-960-5506

Price: _____

D.C.: 186*116*21330

Service: _____



JOB TICKET / NON-HAZARDOUS WASTE MANIFEST

48235

GENERATOR	
Name: <i>City of Dade County</i>	Date: <i>11/19/19</i>
Physical Address: <i>111 S. ...</i>	
Mailing Address:	
Phone: <i>251-621-1342</i>	Generator's US EPA ID # <i>ALR000011607</i>

EPA Non-Hazardous, DOT Non-Regulated			Halogen Level		PPM		
Qty	Unit	Material	A	I	Price/Per Unit	Dollars/Cents	
<i>2</i>	<i>Pair</i>	<i>Pair of metal filters</i>	<i>A</i>		<i>1.75/2m</i>	<i>15.00</i>	
P.O. #					JOB #		TOTAL

GENERATOR'S CERTIFICATION: I certify the materials described above on this job ticket/manifest are not subject to federal regulations for reporting proper disposal of hazardous waste. I also agree with the pricing terms as listed above.

Generator's/Officer's Printed Name <i>X Danella ...</i>	Signature <i>[Signature]</i>	Month <i>11</i>	Day <i>19</i>	Year <i>19</i>
--	---------------------------------	--------------------	------------------	-------------------

FOR EMERGENCY RESPONSE INFORMATION CALL INFO TRAC 800-535-5053

TRANSPORTER

Transporter Name: SHORELINE ENVIRONMENTAL, INC. PHONE: 251-960-5505	U.S. EPA ID Number: ALR000039974
Driver Printed Name: <i>[Signature]</i>	Signature: <i>[Signature]</i>
	Month: <i>11</i> , Day: <i>19</i> , Year: <i>19</i>

DESIGNATED FACILITY

Designated Facility Name/Address: SHORELINE ENVIRONMENTAL, INC. 21971 CO. RD. 68 N. ROBERTSDALE, AL 36567 PHONE: 251-960-5505	U.S. EPA ID Number: ALR 000039974
---	--------------------------------------

Facility owner or operator certification of receipt of material covered by this manifest

Owner/Operator Printed Name: <i>[Signature]</i>	Signature: <i>[Signature]</i>	Month: <i>11</i>	Day: <i>19</i>	Year: <i>19</i>
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Shoreline Environmental, Inc.

21971 Co. Rd. 68 N.
 Robertsdale, AL
 36567

BILL

RECEIVED
 NOV 25 2019

Date	Invoice #
11/20/2019	48235

Bill To

Work Location

City of Daphne
 P.O. Box 400
 Daphne, AL 36526

City of Daphne
 911 Shop Ln.
 Daphne, AL 36526

Due Date	Account #	Rep	P.O. No.
12/20/2019		#12	

Item	Qua...	Description	Rate	Serviced	Amount
55 Gal. Oil Filt...	2	Drums of used oil filters picked up Sales Tax	75.00 0.00%	11/19/2019	150.00 0.00
<p>APPROVED INVOICE</p> <p>167000</p> <p>DEPT ORG# 53445</p> <p>OBJECT # PROJECT #</p> <p>DATE SUPERVISOR</p> <p>DATE DEPT-HEAD APPROVAL</p>					

Thank you for your business.

Total \$150.00

Balance Due \$150.00

Office Phone #	Office Fax #
251-960-5505	251-960-5506

Shoreline Environmental, Inc. RECEIVED

21971 Co. Rd. 68 N.
 Robertsdale, AL
 36567

APR 06 2020

BILL

Date	Invoice #
4/1/2020	49857

Bill To
City of Daphne P.O. Box 400 Daphne, AL 36526

Work Location
City of Daphne 911 Shop Ln. Daphne, AL 36526

Due Date	Account #	Rep	P.O. No.
5/1/2020		#12	

Item	Qua...	Description	Rate	Serviced	Amount
Used oil picked...	300	Gallons of used oil picked up	0.50	3/31/2020	150.00
Waste	25	Gallons of oily water picked up	0.65		16.25
		Sales Tax	0.00%		0.00

APPROVED INVOICE 167000
 DEPT ORG# 53445

 OBJECT # PROJECT #

 DATE SUPERVISOR

 DATE DEPT HEAD APPROVAL

Thank you for your business.

Total \$166.25

Balance Due \$166.25

Office Phone #	Office Fax #
251-960-5505	251-960-5506

Shoreline Environmental, Inc.

21971 Co. Rd. 68 N.
 Robertsdale, AL
 36567

BILL

Date	Invoice #
2/11/2020	49284

Bill To:
City of Daphne P.O. Box 490 Daphne, AL 36526

Work Location
City of Daphne 911 Shop Ln Daphne, AL 36526

Due Date	Account #	Rep	P.O. No.
3/12/2020		#12	

Item	Qua...	Description	Rate	Serviced	Amount
55 Gal. Oil Filt...	1	Drums of used oil filters picked up Sales Tax	75.00 0.00%	2/10/2020	75.00 0.00

APPROVED INVOICE

DEPT ORD# 167000

OBJECT # 53445 PROJECT #

DATE 2-10-20 SUPERVISOR CLB

DATE DEPT HEAD APPROVAL



Inv# 49284 \$75.00
 SHORELINE ENVIRONMENTAL INC
 02/18/2020 # Pages 2 FP2 DOC62S184

OR

Thank you for your business.	Total	\$75.00
	Balance Due	\$75.00

Office Phone #	Office Fax #
251-960-5505	251-960-5506

MCM Public Participation/Public Outreach
3.1.B-2.7 Arbor Day

Event	Date
Arbor Day Tree Give Away	3/7/2020

DAPHNE'S ARBOR DAY

WHAT TO KNOW ABOUT HOW TO GROW YOUR NEW TREES

If you have questions about planting native trees & shrubs in your yard, contact the Environmental Programs Manager at 251-620-1561 or acampbell@daphneal.com

Gingo Biloba

25' - 50' average height
25' - 35' average crown spread
Medium growth rate
Full sun to partial shade
Moist, well-drained soil area

Sweet Bay Magnolia

50' - 60' average height
20 - 40' average crown spread
Medium growth rate
Full sun to partial shade
Moist, well-drained soil area

Eastern Redbud

20' - 30' average height
25' - 35' average crown spread
Medium growth rate
Full sun to partial shade
Moist, well-drained soil area

Crepe Myrtle

20' - 30' average height
15' - 25'' average crown spread
Medium to fast growth rate
Prefers full sun
Moist, well-drained soil area

White Fringe

12' - 20' average height
12' - 20' average crown spread
Medium growth rate
Full sun to partial shade
Moist, well-drained soil area

Bald Cypress

70' - 90' average height
20' - 30' average crown spread
Medium growth rate
Full sun to partial shade
Average to wet soil area

Tulip Poplar

70' - 90' average height
30' - 40' average crown spread
Fast growth rate
Prefers full sun
Moist, well-drained soil area

Red Maple

40' - 60' average height
20' - 30' average crown spread
Medium to fast growth rate
Sun to partial shade
Moist, well-drained soil area



For more information, contact
Daphne Public Works at 251-620-2100.



DAPHNE'S ARBOR DAY CELEBRATION

SATURDAY, MARCH 7, 2020

8am - 9am Daphne Residents Only*

9am - 11am Open to All Others

THE PLAZA AT DAPHNE PUBLIC LIBRARY

**OVER 3,500 TREES
WILL BE GIVEN AWAY!**

SPONSORED BY:

- CITY OF DAPHNE
- DAPHNE BEAUTIFICATION COMMITTEE
- DAPHNE ENVIRONMENTAL PROGRAMS

JOIN US FOR:

- PLANTING & CARE LEARNING STATION
- COMPOSTING ADVICE
- RAIN BARRELS
- EDUCATIONAL EXHIBITS
- PET ADOPTION

** Please provide a photo id for proof of Daphne residency.*



Arbor Day
Foundation

For more information, contact
Daphne Public Works at 251-620-2100.


Daphne

MCM 1B-2 Public Involvement/Public Participation
3.1.B-2.8 Environmental Web Page SWMPP and Annual Report Posted

Document	Date Posted
Daphne MS4 SWMP Plan	http://www.daphneal.com/158/Regulations-Permits
Daphne MS4 SWMPP Annual Report	http://www.daphneal.com/159/Get-InvolvedEnvironmental-Documents

MCM 1B-2 Public Involvement and Public Participation
3.1.B-2.9 Comprehensive Land Use Plan

Year	Update
2020	None

MCM 2 Public Participation Public Involvement
 3.1.B-2.10a-e Attendance of Other Agency Meetings

2019-2020 Environmental Agency	Date	Meeting Topics	Location
ADEM		ACNPCP	
	1/9/2020	ADEM NPS Management Conference	Montgomery
MBNEP		Mobile Bay National Estuary Program	
	5/8/2019	MBNEP CAC	Five Rivers
	9/12/2019	MBNEP PIC	MBNEP
	7/9/2019	MBNEP Watershed Tour	D'Olive Watershed
			Lake Forest POA Club House
	7/11/2019	MBNEP MontClair Restoration Public Meeting	
			Killian Room, Mobile
	1/24/2020	MBNEP SAC Meeting	Daphne
	3/17/2020	MBNEP Fly Creek WMP Meeting	
MISC		Misc. Meetings	
	6/5/2019	Daphne Beautification Meeting	DMS
USACE		USACE	
		South Atlantic Coastal (SACS) Study Stakeholder Engagement Field Workshop	Mobile District Office
	12/18/2019		
Weeks Bay Management		Weeks Bay Watershed Meeting	
	4/8/2019	Stormwater Basin Project Meeting	Weeks Bay Reserve
	4/25/2019	Green Infrastructure, Fairhope SWMP and Roundtable	Weeks Bay Reserve
	10/31/2019	De-Centralized Waste Water Systems	Weeks Bay Reserve

South Atlantic Coastal Study (SACS) Stakeholder Engagement Field Workshop

Agenda

1. Presentation
 - a. Introduction of USACE Team & Facilitation Team
 - b. Opening remarks
 - i. Purpose of Meeting
 - ii. Geographic extent of SACS and geographic focus of meeting
 - c. Review Agenda
 - d. SACS Goals & Shared Vision Statement
 - e. SACS Products
 - f. Review of Tier 1 Risk Assessment
 - g. Next Steps: Tier 2 Overview
 - h. Breakout Session Introduction
 - i. Existing/Future Conditions and Problems/Opportunities
 - ii. Draft Focus Areas
 - iii. Existing/Planned Risk Reduction Strategies and Projects
 - iv. Institutional and Other Barriers to Reducing Risk

BREAK

2. Breakout Sessions
 - a. Group Introductions
 - b. Breakout Topic #1 – **Existing/Future Conditions and Problems/Opportunities**
 - i. Overview
 - ii. Map review and Written Response in Questionnaires:
 1. Describe existing conditions in your area related to coastal storm impacts to people, infrastructure, and environmental resources.
 2. Describe how the above impacts will change with sea level rise and additional impacts to consider.
 - iii. Small Group Discussion
 - c. Breakout Topic #2 – **Draft Focus Areas**
 - i. Overview and Draft Focus Areas – Strategy, Considerations for Selection & Map.
 - ii. Review the Tier 1 assessment results in the geography of interest and considerations for the selection of focus areas
 - iii. Group ranking on focus areas

BREAK



- d. Breakout Topic #3 – **Existing/Planned Risk Reduction Strategies and Projects.**
 - i. Overview
 - ii. Written Response in Questionnaires and Maps
 - 1. What management strategies/approaches/projects are currently working to reduce risk to populations, infrastructure, and environment from coastal storms?
 - 2. Based on your community or area’s vulnerabilities, what are 1-2 promising future changes to address these vulnerabilities? Please indicate if these are planned or if they identify a gap in coastal resilience.
 - 3. What information and datasets are available that could assist with the Tier 2 analysis?
 - iii. Small group discussion
- e. Breakout Topic #4 – **Institutional and Other Barriers to Reducing Risk**
 - i. Overview
 - ii. Ongoing discussion and Written Response in Questionnaires
 - 1. Are there institutional and other barriers specific to the Southeast Atlantic Region or to your area?
 - 2. What is the most prominent policy change or legislative solution that could improve coastal resilience?
 - iii. Small group discussion

BREAK

- 3. Summary & Discussion
 - a. Summary of Breakout Sessions
 - b. Questions
- 4. Next Steps & Closing Remarks

Total time: 4 hours



The South Atlantic Coastal Study

study website: www.sad.usace.army.mil/SACS/
email address: SACS@usace.army.mil

WORKSHOP | MOBILE | 12/18/2019

NAME

EMAIL

ORGANIZATION

Draft Focus Areas

Draft Focus Areas were delineated based on the following considerations:

- Tier 1 results which indicate potential storm surge inundation risk to populations, infrastructure, and cultural and environmental resources.
- Tier 1 results indicating areas where potential risk may substantially increase as a result of sea level rise.
- Potential to leveraging existing stakeholder groups and/or political boundaries (e.g. counties) which could facilitate planning and implementation of risk reduction measures.
- Additional considerations included:
 - National “significance” (cultural/historic, environmental, e.g. Outer Banks, St. Augustine) and tourist occupancy during hurricane season.

In addition to the above considerations the following information will be considered in the selection of Final Focus Areas:

- Stakeholder input on Draft Focus Areas.
 - Recommendations for modifying the Draft Focus Areas should be supported with information consistent with SACS law/guidance (e.g. in a case where certain environmental resources were not identified in Tier 1 and are outside a Draft Focus Area boundary, stakeholders might recommend that the boundary be expanded to include the vulnerable area. The support for modification would be that the resources are vulnerable to increased storm damage as a result of sea level rise, consistent with guidance.)
- After modifications resulting from stakeholder input, Draft Focus Areas will be compared across the study area and prioritized based on the greatest risk to populated areas, areas of concentrated economic development, and areas with vulnerable environmental resources.

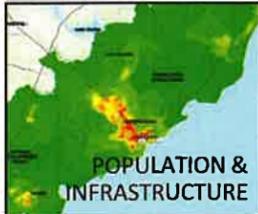
SOUTH ATLANTIC COASTAL STUDY KEY PRODUCTS

FOR MORE INFORMATION, VISIT THE SACS WEBSITE:
<https://www.sad.usace.army.mil/SACS/>

RISK ASSESSMENT

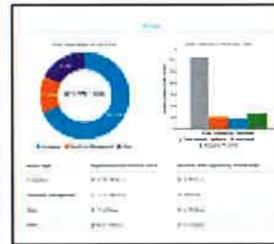


Assessment based on exposure of population and infrastructure, environmental and cultural resources, and social vulnerability to inundation hazards.



SACS TIER 1 RISK ASSESSMENT
<https://sacs.maps.arcgis.com/apps/MapSeries/index.html?appid=c54beb5072a04632958f2373eb1151cf>

REGIONAL SEDIMENT MANAGEMENT (RSM) OPTIMIZATION



Identifies and quantifies total contribution of RSM principles to projects in the SACS study area that support long-term coastal resiliency.

OPTIMIZATION PILOT:
 2016 USACE INNOVATION OF THE YEAR

SAND AVAILABILITY & NEEDS DETERMINATION (SAND)

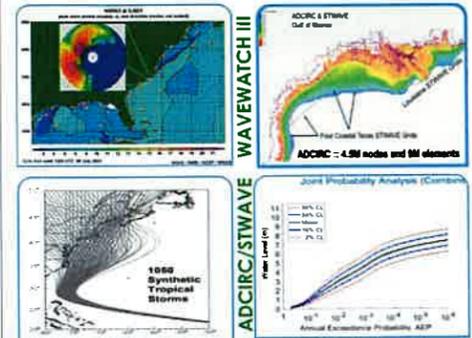
Determines the need and availability of sediment to maintain beaches for the next 50 years.



HYDRAULIC DREDGE WORKING IN ST. AUGUSTINE, FLORIDA

COASTAL HAZARDS SYSTEM (CHS)

Provides current and projected water elevation data for the study area.



JOINT PROBABILITY STORM COUPLER

GEOPORTAL

Provides the public access to study datasets, products, and documentation.



HABITAT AND ENVIRONMENT DATASETS



POPULATION INFRASTRUCTURE DATASETS

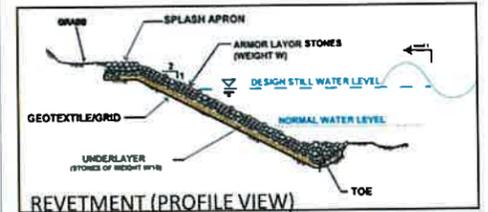
HAZARD DATASETS

FOCUS AREA DATA

DERIVED PRODUCTS

MEASURES & COSTS LIBRARY

Detailed list of Coastal Storm Risk Management (CSR) measures and their costs developed to a screening level for use in USACE and stakeholder planning.



BEACH NOURISHMENT

COASTAL PROGRAM GUIDE

Outreach and information package to help communities better leverage needed resources on a disaster-wide, statewide, or community-wide basis.



VULNERABILITY ON THE OUTER BANKS

STATE & TERRITORY APPENDICES

Specific information for each state and territory will be provided in stand-alone appendices to the main report.



PRIORITY ENVIRONMENTAL IDENTIFICATION

Priority environmental areas will be identified using Tier 1 data, the USFWS Planning Aid Report, and stakeholder tools. Resiliency to coastal storms and sea level rise will be evaluated and measures to increase resiliency will be recommended.



TIER 1 ENVIRONMENTAL, CULTURAL & HABITAT EXPOSURE

PLANNING AID REPORT (U.S. FISH AND WILDLIFE SERVICE [USFWS])

Report of priority biological resource habitats in the South Atlantic region that are vulnerable to harm from coastal storms and sea level rise with a focus on areas used by federally listed species. Report will also include a description of risk to coastal national wildlife refuges.



USFWS; BON SECOUR NWR

INSTITUTIONAL & OTHER BARRIERS REPORT

Document identifies institutional and other barriers to providing comprehensive protection for affected coastal areas. The report will include information on the performance of existing federal CSR projects and recommendations for improvement.



FLORIDA BEACH AFTER 1962 NOR'EASTER - WITHOUT FEDERAL CSR PROJECT POST-STORM



FLORIDA FEDERAL CSR PROJECT POST-TROPICAL STORM FAY, 2008

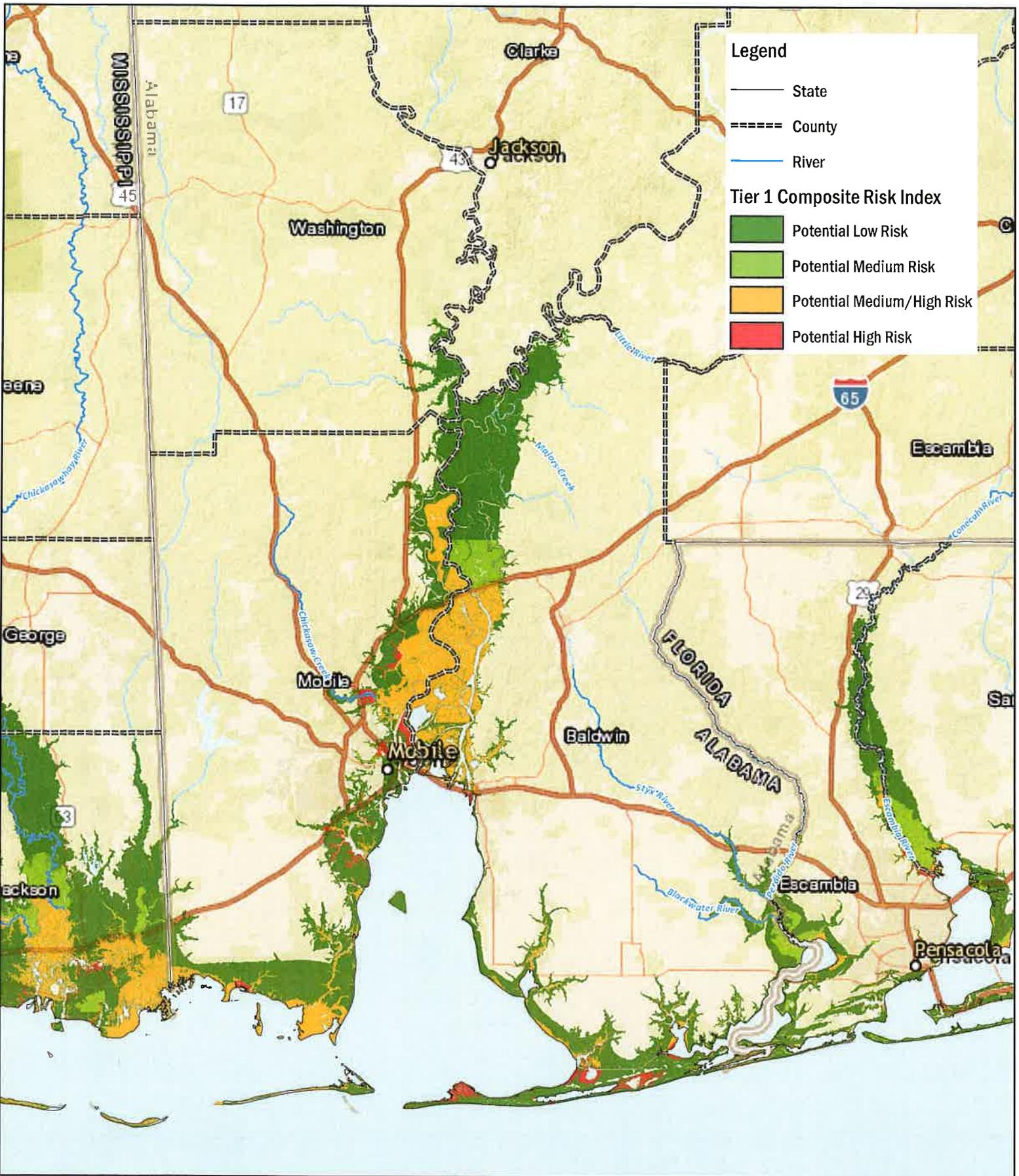
FOCUS AREA ACTION STRATEGIES

Focus area action strategies (FAAS) will use SACS products in combination with other resources to develop actionable risk reduction strategies with stakeholders. FAAS will serve as examples for how vulnerabilities in other high risk locations can be addressed.



SOUTH ATLANTIC REGION HURRICANES





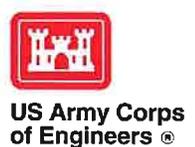
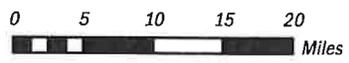
Legend

- State
- - - County
- River

Tier 1 Composite Risk Index

- Potential Low Risk
- Potential Medium Risk
- Potential Medium/High Risk
- Potential High Risk

SACS Tier 1 Composite Risk Index Alabama



2020 Alabama Nonpoint Source Management Program Conference

ROOTED
IN PARTNERSHIPS
AND GROWING
WITH SUCCESS



January 9, 2020

Renaissance Hotel Conference Center • 201 Tallapoosa Street • Montgomery, Alabama



Mobile Bay National Estuary Program
Community Action Committee
Wednesday, May 8, 2019
Five Rivers Delta Center
10:00 am - 12:00 pm

AGENDA

1. Welcome and Introductions
2. Guest Speakers
 - a. Resources for Resilience to Future Flooding – Mikaela Heming
 - b. Master Environmental Education – Ashley Campbell, Amy Newbold
3. Hazardous Waste Guide Outline
4. Rain Gauge Purchases
5. AWW Upcoming Meeting & Scholarship Opportunity
6. Next Steps

Call-In/Webinar Instruction:

To join by **computer** (webinar) click the link below from your computer or tablet and follow the instructions. You may be asked to download the Zoom computer app. Please accept this download if you are prompted to do so.

<https://zoom.us/j/247336043>

To join by **telephone** please dial, 1-646-558-8656 and when prompted for meeting ID please enter in: 247 336 043



Mobile Bay National Estuary Program: Project Implementation Committee
Five Rivers Delta Resource Center, Tensaw Theater
Thursday, September 12, 2019, 1:00-3:30 p.m.
Agenda

Welcome and Call to Order:

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

Old Business:

- **Accept minutes from May 16, 2019 meeting**

New Business:

Presentation:

- **Resilient Coastal Sites in the Gulf of Mexico: Mark Anderson, The Nature Conservancy**

Updates on Programs and Projects:

- **Coastal Regulations: Living Shorelines: Mark Berte, Alabama Coastal Foundation**
- **ADCNR Update: Jeremiah Kolb**
- **TNC Update: Mary Kate Brown**
- **MBNEP Updates:**
 - Watershed Management Plans: Christian Miller**
 - GPRAs: Madison Blanchard**
 - Restoration Projects: Katie Dylewski/Jason Kudulis**
- **Others**

Announcements

- **Next PIC Meetings: Tensaw Theater, 5 Rivers Delta Resource Center**
 - 2020?**
 - Other Announcements**

Adjourn



**Mobile Bay National Estuary Program
Project Implementation Committee Meeting Minutes
Thursday, September 12, 2019
Five Rivers Delta Resource Center, Tensaw Theater**



Attendees:

LG Adams (Weeks Bay Reserve)	Webb Jackson (Wood)
Mark Anderson (The Nature Conservancy)	Andrew James (Volkert)
Emery Baya (Baya Consulting)	Steve Jones (Geological Survey of Alabama)
Mark Berte (Alabama Coastal Foundation)	Cade Kistler (Mobile Baykeeper)
Don Blancher (Moffatt & Nichol)	Veronica Klocinski (Payne Environmental)
Jacob Blandford (The Nature Conservancy)	Jeremiah Kolb (ADCNR, State Lands)
Celena Boykin (Baldwin County Planning & Zoning)	Nicole Love (Birmingham Audubon)
Margaret Brown (The Nature Conservancy)	Michelle Melton (City of Mobile)
Wade Burcham (Geosyntec)	Eliska Morgan (Thompson)
Ashley Campbell (City of Daphne)	Don Mroczko (USACE)
Walter Ernest (Pelican Coast Conservancy)	Amy Newbold (US EPA)
Jay Estes (Allen Engineering)	Joyce Nicholas (USDA NRCS)
Mike Eubanks (Thompson Engineering)	Autumn Nitz (ADEM Coastal)
Paige Felts (Volkert)	Steve O'Hearn (Thompson)
Carl Ferraro (Stantec)	Mark Ornekas (ADEM – Mobile)
Rickey Fields (Alabama Forestry Commission)	Amy Paulson (Environmental Science Associates)
Casey Fulford (Baldwin Co. SWCD)	Greg Pierce (Geological Survey of Alabama)
Leslie Gahagan (City of Foley)	Chris Plymale (US EPA)
Judy Haner (The Nature Conservancy)	Evan Reid (Volkert)
Patric Harper (U.S. Fish & Wildlife)	Justin Rigdon (ADEM Water Quality)
Jordan Hollinghead (Allen ES)	Randy Shaneyfelt (ADEM Coastal)
Rob Howell (Anchor QEA)	Woody Speed (City of Orange Beach)
Marc Wyatt (Anchor QEA)	Lee Walters (Goodwyn, Mills & Cawood)

MBNEP Staff: Christian Miller, Jason Kudulis, Madison Blanchard, and Bethany Dickey

1. Call to Order

The meeting was called to order at 1:06 pm by Patric Harper. Attendees went through a round of introductions.

2. Approval of the Minutes

Patric Harper noted that Jason Herrmann was inaudible and suggested that we ask him to write up the minutes for his update. Mr. Harper called for a motion to approve the minutes, Carl Ferraro made the motion, and Randy Shaneyfelt seconded. The motion carried.

3. Update on Coastal Regulations: Living Shorelines

- Mark Berte announced that Jim McClintock from UAB will be presenting on 9/26 at Springhill College, will have collaboration at Bluegill that night, more information available on ACF website. Interagency coastal regulations program has been rebooted. This program's goal is to have open dialog between state and federal entities on coastal regulatory permitting and enforcement policies. Their first meeting was on Living Shorelines. The Shoreline Management Decision Support Tool

from Chris Boyd (Troy University) was presented. An identified concern was that there is not a lot of information for short vs longterm benefits of a living shoreline vs a bulkhead. USACE has a committee working to streamline the permitting process for living shorelines. Emergency Coastal Resilience Fund recently released by NFWF, due in November for Mobile County.

- Jason Kudulis remarked that one of the landowners adjacent to the priority spits on Fowl River MBNEP plans to restore, just has applied for a permit for 160 feet of armoring and it is in the 30 day comment phase. It's an opportunity for education.

4. Presentation:

Mark Anderson with The Nature Conservancy provided an overview of TNC's project that will be completed by the end of September and available online shortly after that. They have been working on this project for about 7 years. This project's goal is to look at coastal resilience site by site to identify sites that will be most resilient to sea level rise (SLR) to focus conservation efforts there. In the last 50 years, Pensacola has risen 5" and Galveston has risen 12.5" – no need to debate SLR because it is happening. But SLR is not consistent although all coastal areas are experiencing it. Posed the question of how do we retain our marshes when they are being inundated by salt water from SLR? If we can predict where marsh will migrate landward, we can prioritize sites to conserve for net gain of new salt marsh and habitat. In the Northeast, there is nowhere for marshes to migrate landward but there are places for marsh to migrate on the Gulf Coast. Looked at existing research, used several models (NOAA, USGS, SLAMM, etc.) and integrated them into a single model. They divided the coastline into individual sites, and each was ranked and measured. Results generate a ranking (or score) of resilient characteristics (above average, below average, etc.). Site resilience is defined as: the capacity of a site to sustain biodiversity and function under a changing climate. Resilience characteristics are broken into two groups: Physical (characteristics of the site, is there somewhere for the coastal habitat to go, to migrate) and Condition (ability to facilitate movement/migration). When something is scored "resilient" it assumes the site has the necessary conditions to facilitate adaptation and habitat migration – no predictions are made about what will actually exist at the site. Perdido River scores above average when you look at the resilience index score, and thus would be a great place to focus conservation efforts. This tool can help predict where land could be acquired for conservation. Potential online products forthcoming include a website, report, web mapping tool, story maps, and data downloads.

Questions/comments:

- Judy Haner: there are opportunities for restoration upstream and this tool can help identify those areas.
- Will this be housed with the Coastal Resilience.org tool? Most likely. Want to have it all housed together with the freshwater tool as well.
- Patric Harper: is this a tool that can be incorporated into WMPs? Yes, and they will send to us once complete so we can disseminate.

4. Updates on Programs and Projects:

- **Jeremiah Kolb, ADCNR, State Lands**
 - Point of Pines out to bid later this year
 - GOMESA Projects – 8 executed agreements
 - Department of Public Health – algal bloom monitoring.
 - Baldwin County Commission – stream gauge at Cty Rd 32 to monitor flooding.
 - AL Forestry Commission – landowner education on managing forests.

- Geological Survey of Alabama – Mobile Bay Delta and MS Sound, sediment quality studies.
 - ADCNR – boat launch improvements.
 - TNC – boat ramp improvements at Lightning Point.
 - Dauphin Island – land acquisition and boat ramp for Aloe Bay.
 - Daphne – D'Olive Bay dredging.
- Wade Burcham commented that the sediment quality studies would be of interest to the group, more information is needed.
- **Mary Kate Brown, TNC**
 - NFWF GEBF funded, 40 acres of marsh and tidal creeks.
 - Permitted in April 2019.
 - Notice of award to contractor.
 - Construction starts end of September 2019.
 - 300 days of construction following NTP.
 - Parking lot shown in conceptual design.
- **Jacob Blandford, TNC**
 - Helen Wood Park shoreline restoration part of larger Perch Creek park projects.
 - Half mile of shoreline protection.
 - Enhance 12 acres of marsh.
 - Intent is to restore habitat and reduce impact of storm surges.
 - Have not started E & D yet.
- Carl Ferraro suggested getting volunteers and community groups involved in marsh planting when the time comes.
- Question: was other restoration work done here? Is this a second phase of a project? In 2011, DISL put out experimental reefs and TNC expanded the project, TNC did some adaptive management out there and built more reefs out there last summer. MBNEP also did some invasive species management on this site.
- **Christian Miller, Mobile Bay NEP**
 - MBNEP is trying to coordinate with contractors to keep our website up to date.
 - Wolf Bay – underway, upcoming steering committee meeting.
 - Western Shore – have meeting next week 9/23, geared toward climate community resilience, using modeling we already have on hand for community engagement, hoping to fine tune this strategy and have consistency in the WMPs.
 - Little Lagoon – Geosyntec under contract, will use a similar approach with climate community resilience, had first steering committee meeting last week, want to include folks from FL in this one.
 - Mobile Tensaw Apalachee Delta – Wood was selected, Don Blancher with Moffatt & Nichol will help with project management, hoping to get them under contract in next few weeks.
 - D'Olive – updating this plan, working with Ashley Campbell to develop SOW, will be putting this RFQ out soon.
 - Fly Creek – will be next RESTORE funded WMP, look for that RFQ in next few months.
 - Marlon Cook is working under Vittor and collecting data, finally under contract.
 - Marlon is working in Deer River, Fly Creek, and MTA Delta, his data will feed into these WMPs as we move forward.
 - Cultural Resource Assessment NFWF report is complete and available online.

- Judy Haner pointed out that this CRA is a huge asset because funding on a piece by piece basis is very expensive. Looking at Little Lagoon and Wolf Bay, is there a consideration to do a CRA on the Eastern Shore? Christian said yes there is opportunity there and NFWF is open to the idea.
 - Jeremiah Kolb: Are there any limitations or restrictions to the data? Pan American did the study for us, SHPO was involved and obviously didn't want them digging everywhere. The report is a good resource with lots of history available online. The data is not available online but can be shared.
 - Patric Harper: Can others use this report for their USACE permit requirements? USACE was hesitant to come right out and confirm this, but the information in the report does meet their requirements.
 - What is the timeline for Marlon Cook's studies? He's probably almost done with Deer River, but typically needs about 4-6 months lead time to complete studies.
- **Madison Blanchard, Mobile Bay NEP**
 - Government Reports and Results Act (GPRA) for habitat and land acquisition projects
 - Purpose: created to establish goals for Gov't agencies, evaluate program performance, and measure effectiveness.
 - All NEPs are required to report on all projects being conducted in their respective areas of focus.
 - If projects align with MBNEP CCMP values and actions, MBNEP must report
 - MBNEP does not take credit, each partner is listed in report.
 - This shows USEPA the distribution of projects across the two coastal counties
 - Annual summaries are reported online through NEPORT.
 - From 2006-2018, 149 projects were reported with a total of 22,831.6 acres protected or restored.
 - Judy Haner: Pointed out that MBNEP rolls this information into State of the Bay. She also needs to report her fire acres to MBNEP.
 - October 1 – September 30 (federal fiscal year) is the timeframe for reporting.
 - Eliska Morgan: asked who MBNEP had emailed about GPRA, Madison said MBNEP contacted all past and current project partners. Eliska noted that we should be sure that we have sent info out to municipalities.
- **Jason Kudulis, Mobile Bay NEP**
 - Montclair Tiawasee: working with Andy James (Volkert) and Ashley Campbell, NRCS funded project (perpendicular to MBNEP's project) construction is complete. Fleximat was used to stabilize the channel and plantings look good. For MBNEP's project – 9 of 10 property owners are on board and the project is currently out for bid.
 - Gulf Corps (through TNC) will be helping with invasive species management on D'Olive projects.
 - D4 – D6: following storms in May, adaptive management was completed in July and seems to be holding up.
 - Greg Jennings will be checking all D'Olive projects next week for his annual inspections.
 - TC1 and TC2: this project in Daphne has suffered from instability and needs to be redesigned and reconstructed. GMC will redesign 360 feet of stream for this project.
 - Ashley Campbell: Two stormwater facilities have not been maintained in headwaters of Tiawasee and City of Daphne is taking them over. Jade is handling E & D. Currently surveying stormwater facilities. ADEM 319 funding is being utilized. E & D plans coming in the next two months. Installed constructed stormwater wetlands in headwaters of Tiawasee and have signage being installed that will talk about all of the D'Olive projects. She also mentioned a video about watershed partnerships.

- **Katie Dylewski, Mobile Bay NEP**
 - Deer River: coastal marsh shoreline stabilization/restoration project with Thompson Engineering is under contract. Stabilizing up to a mile of shoreline and wanting to close the breach. Currently meeting with property owners to get access permission to collect field data.
 - Fowl River Spits: working to get under contract with ESA.
 - Twelve Mile Creek: 1,800 feet of restoration, currently at 60% design and applying for implementation funding through RESTORE. Invasive Species Control Plan is watershed wide and will also be part of the implementation funding through RESTORE.
 - USA students and professors will be trained next week to measure Bank Erosion Hazard Index and Near Bank Stress, which will then be used in the Bank Assessment of Nonpoint Source Consequences of Sediment model. This model estimates tons of sediment produced annually due to stream bank erosion.
- Jason Kudulis: A comprehensive litter gitter program in Three Mile is about to wrap up and we have exceeded our goal of 4,800 lbs of trash by 165.9%. This project will be moving on in a similar capacity with Dog River Clearwater Revival group. Also working with Daphne Utilities to get a litter gitter installed on D'Olive creek.
- Patric Harper: Pointed out the Three Mile Creek Invasive Species Control Plan is transferrable across the state. Lower Alabama Sisma group would be a good group to give it to.

5. Announcements

- Jason Kudulis: Announced D'Olive Restoration Workshop for Dec 3-4. Firms wishing to sponsor are more than welcome to donate. Auburn University will be handling registration. John Curry will be speaking on day 2 on how to use hydrologic modeling software.
- Baldwin County Soil & Water Conservation District has hired a new coordinator, Laura Smith, and you can contact her using Rhonda's old email.
- MBNEP Annual Meeting will be December 12.
- Leslie Gahagan: Volkert has been working with City of Foley to do a NFWF restoration project on the Bon Secour River, finalizing plans and getting permitted now. Should be wrapping project up in the next 4 – 5 months. Purchasing about 89 acres in the headwaters.
- Ashley Campbell: Forever Wild application – made offer for D'Olive Bay land (100 acres) and should know if it has been accepted very soon.
- Alabama TIG NRDA just released plan and can go online and comment on it.
- Coastal Clean Up is next weekend, 9/21.
- The next PIC meeting is proposed to be within first two weeks of January (due to annual meeting being Dec 12). January 9 was suggested.
- Judy Haner: Mark Anderson complimented our group and is really impressed with all of our coastal restoration projects we have going on.
- Patric Harper: Mentioned GPRA again and encouraged everyone to report out on their projects.
- Constructed stormwater wetland feasibility study in Magnolia Springs is underway on Magnolia River. This is an area of interest for mitigation.
- Patric Harper: saw this morning an RFQ to develop water quality models for the MS Sound and Pascagoula River related to MS Sound Estuarine Program.
- Amy Newbold: announced Technical Advisory Committee meeting for Perdido Bay Estuary Program being held next week. Can join by phone as well.
- Ashley Campbell: Master Environmental Educator (MEE) program – Ashley Campbell and Amy Newbold – had training in Baldwin County and will be taking it to Mobile County, going over to Dog River first. Had 50 people in the recent training.

6. Adjourn

Patric Harper asked for a motion to adjourn the meeting at 2:50 pm. Carl Ferraro made the motion, which was seconded by Randy Shaneyfelt.

**D'Olive Watershed Tour
Gator Alley
29281 N. Main St.
Daphne, AL
Tuesday, July 9th, 2019
8:30 a.m. – 10:30 a.m.**

Objectives:

- a. Provide a general overview of the Watershed process from plan development to project implementation.
- b. Tour restoration sites in various phases of construction in the D'Olive Watershed.

AGENDA

- | | |
|---|-------------|
| 1. Gator Alley – Watershed planning process overview and site visit | 8:30 – 9:00 |
| 2. D4-D6 Stream Restoration site visit | 9:15-9:45 |
| 3. Montcalir Stream Restoration site visit | 10:00-10:30 |





Mobile Bay National Estuary Program
Tiawasee Creek Stream Restoration Public Meeting
July 11, 2019
The 19th Hole, 1 Golf Terrace, Daphne, AL 36532

Agenda

Welcome

Jason Kudulis, Mobile Bay National Estuary Program

D'Olive Creek Watershed Restoration

Ashley Campbell, City of Daphne

Montclair Tiawasee Project

Andrew James, Volkert, Inc.

Adjourn



Purpose: The purpose of tonight's meeting is to learn about the MBNEP, hear from our project partners about previously completed projects in the D'Olive Watershed, and share plans for the proposed project on Tiawasee Creek between homes on Montclair Loop and Greenwood Drive.

Mr. Jason Kudulis with the Mobile Bay National Estuary Program (MBNEP) called the meeting to order and welcomed everyone. Attendees went through a round of introductions. Following introductions, an overview of the MBNEP and the Program's impact across coastal Alabama was shared. MBNEP is one of 28 National Estuary Programs. National Estuary Programs are non-regulatory, non-advocacy, locally based stakeholder-driven organizations. The mission of the MBNEP is to promote wise stewardship of the water quality and living resources of the Mobile Bay Estuary.

MBNEP facilitated development of a [D'Olive Watershed Management Plan](#) in 2010. The document (slated for an update in 2019) characterizes the watershed and recommends management measures to improve water quality and the health of living resources. Initially, Lake Forest Lake was prioritized for restoration, but ongoing assessment of streams revealed a much larger problem. Degraded streams in the headwaters of D'Olive tributaries were literally falling apart and releasing tons of sediment annually (filling the lake and D'Olive Bay). Before restoring or dredging the lake, partners recognized that the "bleeding" had to first be stopped. Fast forward to 2019, implementation of the Plan has resulted in nearly \$15 Million and over two miles of stream stabilization/restoration projects in the D'Olive Watershed.

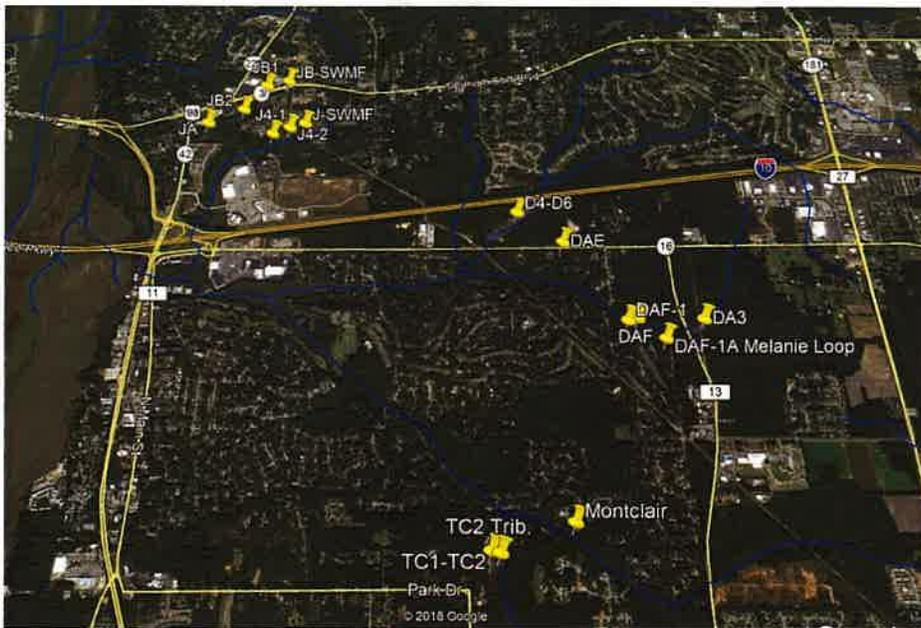


Figure 1: D'Olive Watershed Restoration Projects

Next, Ms. Ashley Campbell, Environmental Programs Manager for the City of Daphne shared information about previously completed D'Olive stream projects. Throughout the watershed stormwater runoff from rapid urbanization and population growth has degraded streams and turned them into large rapidly eroding gullies. In places where you should be able to hop over a stream, they were instead 10 – 20 feet wide and in some places just as deep. The historic April 2014 floods accelerated damage in these fragile stream segments. Ashley shared her own experiences partnering with MBNEP and the substantial improvements that have been made in D'Olive. With each project, project success and challenges are evaluated, and post-construction monitoring is standard to ensure long-term success. Each project also includes a two-year warranty and maintenance period if adaptative management is needed.

Last, Mr. Andy James, Project Engineer with Volkert Inc. provided details for the Tiawasee Montclair project. Andy has experience in the D'Olive Watershed having already engineered previous projects in both Daphne and Baldwin County. Currently, Tiawasee Creek is channelized and deep.

The Plan: Stabilize 900 feet of streambank to reduce downstream sediment impacts to Mobile Bay and restore stream function and connectivity.

- The plan is to make the stream more natural. Local reference sites will be examined to determine the exact depth, but it should be between 1 – 2 feet deep.
- Engineers are using computer generated stream models to ensure the design correct – using storm of record (April 2014) to calibrate.
- The current stream bed will be moved about 30 feet to the south.
- Some trees will have to be cleared to accommodate construction. In fact, trees collected on site will become part of the project to aid streambank stabilization. Non-native trees should and will be removed. We like to leave as many large trees as we can.
- Hope to begin construction in October and expect to last 90 days.
 - As with any construction project there will be some noise, activity, and equipment in the project area. Per City of Daphne ordinance construction cannot begin until 8:00 am
- Native vegetation will be planted after construction. About 10% of the overall budget goes into planting/beautifying the project site.
- Project will have two years of monitoring and warranty.
- Project team visits site frequently following construction to keep an eye on things. We do not walk away after completion.
- A smaller City of Daphne sponsored project is currently underway on the stream and will likely be used for access on the larger project planned for October.

Commented [JK1]: That right Ashley?

MBNEP and all project partners are always accessible and will remain engaged with property owners to ensure the best possible outcome for all involved. We cannot do these projects without you and your opinions and concerns are paramount to overall project success.

All property owners should have received a letter and Property Owner Access Agreement document. Those in attendance were provided with one on site – five owners signed agreements as the meeting adjourned.



**Mobile Bay National Estuary Program
Science Advisory Committee Meeting
10 am – 12:00 pm January 24, 2020
Killian Room, International Trade Center
250 N. Water Street Mobile, AL 36602**

Agenda

Welcome - review and approval of minutes from previous meeting

Dr. John Lehrter, Dauphin Island Sea Lab

Updates and Presentations

Stressor Matrix – Linking Pressures to Habitats and Ecosystem Services

Dr. John Lehrter, Dauphin Island Sea Lab and Dr. Missy Partyka, MS-AL Sea Grant

Development of a D'Olive Watershed Condition Framework

Tim Thibaut, Barry A. Vittor and Associates

Habitat Classification Update

Kari Servold, Moffat and Nichol

Other Business

Adjourn



Fly Creek WMP Interviews
Tuesday, March 17, 2020

Fly Creek Watershed Plan
Tuesday, March 17th
Daphne City Hall
1705 Main St.
Daphne, AL 36526

Agenda

- 9:00 a.m. – 9:55 a.m. **Anchor Team Presentation and Q&A**
- 10:00 a.m. – 10:55 a.m. **Thompson Team Presentation and Q&A**
- 11:00 a.m. – 12:00 p.m. **Committee Discussion**

The committee will largely base their selection on how well teams address the following:

Previous investigations in the Fly Creek Watershed show many streams within the urbanized areas have been severely affected by anthropogenic impacts associated with failing sewer infrastructure and stormwater runoff, regularly introducing high levels of sediment and pathogens into local streams and adversely impacting habitat and water quality. Challenges exist with managing ongoing development that will increase volumes and velocities of stormwater and negatively impact habitat and water quality if not adequately addressed.

- 1) Given the unique elements of this watershed, sell your vision for implementing this watershed planning effort.**
- 2) Provide at least one specific example of your firm's experiences in leading a comprehensive planning effort with the most comparable challenges and detail the specific roles each of your team members will play through this process.**
- 3) Detail your strategy for engaging the community throughout the planning process in order to educate, gather input, and to build buy-in resulting in successful plan implementation.**



**YOU ARE INVITED TO THE DAPHNE
BEAUTIFICATION COMMITTEE MEETING
JUNE 5, 2019
LOCATION: DMS EAGLE PROJECT OUTDOOR
CLASSROOM PAVILION.**

PLEASE JOIN US AT THE WETLANDS PAVILION BEHIND DAPHNE MIDDLE SCHOOL FOR THE DAPHNE BEAUTIFICATION COMMITTEE MEETING FROM 10-11 AM. WE WILL HAVE TWO GUEST SPEAKERS, ASHLEY CAMPBELL, CITY OF DAPHNE ENVIRONMENTAL PROGRAM MANAGER AND BRANDON HARGRAVES, OWNER OF B'S BEES CO.

IF YOU WOULD LIKE TO ARRIVE AT 11AM, WE WILL BE TOURING THE WETLANDS AREA. LIGHT LUNCH WILL BE PROVIDED.
LOOK FORWARD TO MEETING WITH YOU!!!

Stormwater Basin Project Meeting

Monday, April 8, 2019 1-4 p.m.

Weeks Bay Reserve Tonsmeire Resource Center
11525 US-98, Fairhope, AL 36532

Agenda

Objectives

- To develop project framework for funding opportunities
- To understand the need for basin information
- To understand current best management practices

Welcome and Introductions

Overview

Proposed Project Objectives:

- Determine the extent of the of problem [Technical]
- Perform Cost / Benefit Analysis of Retrofitting (focusing primarily on removal of excess sediment) [Technical]
- Identify impediments to effective retrofitting and maintenance programs [Mgmt]
- Develop strategies to minimize impediments [Mgmt]
- Identify funding to implement strategies (Phase II – Implementation)
- Present recommended strategies to municipalities, the County [Outreach]
- Present educational info to HOAs & homebuilders [Outreach]

Do these objectives address your communities concerns? Any additional objectives this project should consider?

Discussion

Example questions:

1. Do you see stormwater detention/retention ponds as a problem in your area?
2. How much of the problem is in the original design versus maintenance?
3. Do you currently audit or inspect HOA stormwater management systems?
4. What do you do to encourage HOA system maintenance?
5. What do you do if the HOA no longer exists?
6. What do you think about establishing regional stormwater management systems in lieu of HOA/POA specific systems?
7. What do you think of transferring ownership to a municipality of stormwater systems in new subdivisions, similar to what is done with roads?

Wrap-Up

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Wrap-Up

Weeks Bay Watershed Implementation Team Meeting

Thursday, April 25, 2019 from 9 a.m. to 11 a.m. CDT

Weeks Bay Reserve Tonsmeire Resource Center

11525 US-98, Fairhope, AL 36532

Agenda

Objectives

- To review actions that have transpired since last meeting
- To understand ongoing projects being implemented in the region

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- 9 a.m. Welcome**
- 9:10 a.m. Quarterly Report Out**
- 9:25 a.m. Green Infrastructure Training**
Mike Shelton, Weeks Bay Reserve
- 9:40 a.m. Conservation Areas & Easements**
Yael Girard, Weeks Bay Foundation
- 9:50 a.m. Stormwater Management Across The Watershed**
Richard Johnson, City of Fairhope
Gregory Smith, City of Robertsdale
Diane Burnett, South Alabama Regional Planning Commission
- 10:30 a.m. Roundtable: Partner Report Out**
- 11 a.m. Wrap-up**

Next Meetings: July 25, 2019 from 9 a.m. to 11 a.m.

October 24, 2019 from 9 a.m. to 11 a.m.

Location: TBD



BALDWIN
COUNTY
CONSERVATION
DISTRICT



sarpc

Weeks Bay Watershed Implementation Team Meeting

Thursday, October 31, 2019 from 9 a.m. to 11 a.m. CDT

City of Daphne's Council Chambers

1705 Main St, Daphne, AL 36526

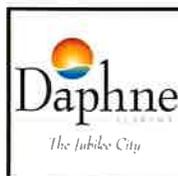
Agenda

Objectives

- To review actions that have transpired since last meeting
- To understand ongoing projects being implemented in the region

• • • • •

- 9 a.m.** **Welcome**
- 9:05 a.m.** **Quarterly Report Out**
- 9:30 a.m.** **Panel: De-centralized Wastewater Systems**
Dr. Kevin White, University of South Alabama
Bo Tucker, Orenco
- 10:30 a.m.** **Roundtable: Partner Report Out**
Update Management Measure Chart
- 11 a.m.** **Wrap-up**
Evaluations



BALDWIN
COUNTY
CONSERVATION
DISTRICT

MCM Public Participation/Public Involvement
3.1.B-2.11 ES MS4 Meetings

Date	Meeting Topics	Location	MS4 Present
3/12/2020	Protecting Alabama's Waters Video, Hazardous Waste Amensty Days, Education Outreach	Spanish Fort	Baldwin County,Spanish Fort, Daphne & Fairhope

Eastern Shore Phase II MS4 Annual Meeting

3/12/2020

Meeting Minutes

- 1) Create a Clean Water Future Education Outreach Campaign-New Videos-The group watched the new CWF video, "*Protecting Alabama's Waters*". It was well received. Kim asked if the Alabama-America's Amazon could be added to the Clean Water Future Website. Ashley agreed to ask the MBNEP.
- 2) Hazardous Waste Program-ESMS4 Participation-the group discussed having the MS4s partnering to host a Hazardous Waste Amnesty Day along the eastern shore. Each MS4 agreed to research the option and follow-up on the effort.
- 3) ES MS4 Future Education Outreach Opportunities
 - a. Alabama Water Watch-No training is schedule as of today. If any needs arise, we can host an AWW training.
 - b. MBNEP Meetings PIC, CAC, SAC- MS4s attendance to these meetings is important.
 - c. Rain Barrel Workshop-A discussion was held regarding rain barrel workshops. The last few workshops have had poor attendance. Ashley mentioned that he MBNEP is entertaining the idea of creating a Rain Barrel Video. The video will be hosted on the MBNEP and CWF website so that citizens can watch the video and print off a certificate to take to a participating City to pick up the rain barrel. The group liked the idea. Ashley mentioned that each City (MS4) may need to help sponsor the video with cash donations to the MBNEP.
 - d. Earth Day, Woods & Water, & Jubilee Festival Each MS4 will continue to provide an environmental education outreach booths at the events or work with Mike Shelton with Alabama Department of Conservation & Natural Resources to have the Watershed Wagon present at each event.
 - e. Vince Jackson discussed the County's Disaster Preparedness Workshop and America's Recycle Day. He also mentioned that the County was adding additional staff to the planning department.
- 4) Opportunities

The grouped discussed the following outreach opportunities:

 - a. Alabama Coastal; Foundation (ACF) Water Festival March–Sponsorship & Volunteering
 - b. ACF Coastal Kids Quiz May –DUMC
 - c. Alabama Cooperative Extension-Master Environmental Education Program-Ashley discussed the education outreach program. She mentioned that the City is financially supporting the program. She mentioned that over 5000 students have been taught through the program in local schools over the last three years.
- 5) Other Items.....
 - a. Vince comments:
 - b. Kim's comments:
 - c. Casey's comments:

Eastern Shore Phase II MS4s Annual Meeting

3/12/2020

Agenda

Topics to Discuss for Education Outreach

- 1) Create a Clean Water Future Education Outreach Campaign-New Videos
- 2) Hazardous Waste Program-ESMS4 Participation
- 3) ES MS4 Future Education Outreach Opportunities
 - a. Alabama Water Watch
 - b. MBNEP Meetings PIC, CAC, SAC
 - c. Rain Barrel Workshop
 - d. Earth Day-Woods & Water-Jubilee Festival... Watershed Wagon
- 4) Opportunities
 - a. Water Festival March–Sponsorship & Volunteering
 - b. Coastal Kids Quiz May –DUMC
- 5) Other Items.....

Eastern Shore MS4 Annual Meeting
Spanish Fort City Hall
March 12, 2020

Member	Signature
Baldwin County-Celena Boykin	
Baldwin County-Vince Jackson	
Daphne-Ashley Campbell	
Fairhope-Kim Burmeister	
Spanish Fort-Casey Rains	

MCM Public Involvement
3.1.B-2.12 Alabama Water Watch Data

Data	Location
Alabama Water Watch Data-2019/2020	http://www.alabamawaterwatch.org
	Water Data-Water Chemistry-Mobile Watershed-City of Daphne-All Sites
AWW Chemical Orders	
Date	Totals
11/15/2019	\$189.71
2/24/2020	449.97



Purchase Order

Fiscal Year 2020 Page 1 of 1

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES AND SHIPPING PAPERS.
 Purchase Order # **2000546-00**

BILL TO

City of Daphne
 P.O.Box 400
 Daphne, AL 36526
 (251) 621-9000

RECEIVED

APR 13 2020

Delivery must be made within doors of specified destination.

VENDOR

LaMOTTE
 802 WASHINGTON AVE. PO BOX 329
 CHESTERTOWN, MD.
 CHESTERTOWN MD 21620-0329

SHIP TO

BLDG INSP- 1705 MAIN STREET
 251-620-1500
 DAPHNE AL 36526

Vendor Phone Number		Vendor Fax Number		Requisition Number		Delivery Reference	
1 410 778 3100		1 410 778 6394		619		Ashley Campbell	
Date Ordered	Vendor Number	Date Required	Freight Method/Terms		Department/Location		
10/18/2019	7759	10/25/2019			BUILDING INSPECTIONS		
Item#	Description/Part No.			Qty	UOM	Unit Price	Extended Price
1	Alabama Water Watch Kits Supplies 168000 - 533055			1.0	EACH	\$500.000	\$500.00

By 
 Mayor

PO Total \$500.00



Invoice: 628831

LaMotte Company
802 Washington Ave, PO Box 329, Chestertown MD 21620 USA
Tel: 410-778-3100 Fax: 410-778-6394

Customer ID: 621880
PO Number: 2000546-00

Terms: NET 30 DAYS
Order Date: 2/21/2020

Order Number: 117748
Ship Via: FEDEX GROUND
Ship Date: 02/24/2020
Ref: dhuffer

Sold To:

CITY OF DAPHNE
PO BOX 400
DAPHNE AL 36526-0400
UNITED STATES

Ship To:

CITY OF DAPHNE
1705 MAIN ST
BLDG INSP
ASHLEY CAMPBELL
DAPHNE AL 36526
UNITED STATES

ACAMPBELL@DAPHNEAL.COM

Line	Part Number	Description	Schedule B Code	Qty To Ship / Qty BO	Unit Price	Ext Price
1	7166-G	ALKALINE POT IODIDE-AZIDE RGT, 30ML, W/T *LBL-I* *C1/P		3.00	13.80 /1	41.40
				0.00		
2	0970-S	TUBE, SPEC W/CAP CALIBRATED AT 2.5, 5, 10, 15, 20ML	7017.90.5000	2.00	4.45 /1	8.90
				0.00		
3	4483-E	HARDNESS RGT 5, 15ML *LBL-I* *C		3.00	7.75 /1	23.25
				0.00		
4	4487WT-H	HARDNESS REAGENT 7, 60ML	3822.00.5090	2.00	9.30 /1	18.60
				0.00		
5	4488	TEST TUBE, HARDNESS, W/CAP (DROP COUNT)	7017.90.5000	2.00	4.25 /1	8.50
				0.00		
6	0353	PIPET, 0.5ML, PLASTIC	3926.90.9910	2.00	3.55 /1	7.10
				0.00		

Tracking Number(s): 164830271599

-PLEASE CALL before returning any goods
 -FILE CLAIMS for damages or shortages within 10 days
 -PLEASE REMIT IN US FUNDS
 -SELLER REPRESENTS that production of articles within this invoice
 comply with the fair labor standards act of 1938, as amended
 -DISCLAIMER All products meet the seller's current production
 specifications as intended solely for chemical testing. The seller
 shall, in no event, be liable for any injury, loss or damage resulting
 from the handling, use or misuse of products.
 -Products herein shall not be exported to any country subject to US
 export embargo

Sales Amount: 107.75
Handling Fee: 0.00
Freight Charge: 12.89
Sales Tax: 0.00
Total: 120.64

Please reference Account Number
and Invoice Number with payment



Statement of Account

LaMotte Company
802 Washington Ave, PO Box 329
Chestertown MD 21620 UNITED STATES
Phone: 410-778-3100 Fax: 410-778-6394

RECEIVED

APR 09 2020

Ashley

Statement Date: 4/1/2020
Customer ID: 621880

CITY OF DAPHNE
PO BOX 400
DAPHNE AL 36526-0400
UNITED STATES

Email: ACAMPBELL@DAPHNEAL.COM

USD

Table with columns: Date, Invoice, PO, Check, Charge, Credit. Rows include dates 2/24/2020 and a Total row showing 449.97 and 0.00.

Table with columns: Future, CURRENT, Over 30, Over 60, Over 90, Over 120, Balance Due. Values include 0.00, 449.97, 0.00, 0.00, 0.00, 0.00, 449.97.

APPROVED INVOICE

168000
DEPT ORG#
533055
OBJECT # / PROJECT #
4-13-20 DATE / DEPT HEAD APPROVAL



Inv# 628831 \$120.64
LaMOTTE
04/10/2020 # Pages 3 FP3 DOC63S5318
PO# 2000546



CITY OF DAPHNE
 GENERAL FUND
 P.O. BOX 400
 DAPHNE, AL 36526
 (251) 621-9000

Vendor
 Number
 7759

Check
 Date
 11/21/2019

Check
 Number
 00189296

\$189.71

Pay One Hundred Eighty Nine Dollars and 71 cents *****

To The Order Of LaMOTTE
 802 WASHINGTON AVE. PO BOX 329
 CHESTERTOWN, MD 21620-0329

**File Copy
 Non-Negotiable**

City of Daphne, AL

Page 1 of 1

Check Number: 00189296

Invoice Date	Invoice Number	Description	Invoice Amount										
11/15/2019	618848	SUPPLIES-AL WATER WATCJ KITS/BLDG INSPEC PO# 2000546 GL-168000-533055	\$189.71										
<table border="1"> <thead> <tr> <th>Vendor No.</th> <th>Vendor Name</th> <th>Check No.</th> <th>Check Date</th> <th>Check Amount</th> </tr> </thead> <tbody> <tr> <td>7759</td> <td>LaMOTTE</td> <td>00189296</td> <td>11/21/2019</td> <td>\$189.71</td> </tr> </tbody> </table>				Vendor No.	Vendor Name	Check No.	Check Date	Check Amount	7759	LaMOTTE	00189296	11/21/2019	\$189.71
Vendor No.	Vendor Name	Check No.	Check Date	Check Amount									
7759	LaMOTTE	00189296	11/21/2019	\$189.71									



INVOICE

Page: 1 of 2

Date: 11/13/2019

Invoice: 618848

LaMotte Company
802 Washington Ave, PO Box 329, Chestertown MD 21620 USA
Tel: 410-778-3100 Fax: 410-778-6394

Customer ID: 621880
PO Number: 2000546-00

Terms: NET 30 DAYS
Order Date: 11/12/2019

Order Number: 109295
Ship Via: FEDEX GROUND
Ship Date: 11/13/2019
Ref: drowe

Sold To:

CITY OF DAPHNE
PO BOX 400
DAPHNE AL 36526-0400
UNITED STATES

Ship To:

CITY OF DAPHNE
1705 MAIN ST
BLDG INSP
ASHLEY CAMPBELL
DAPHNE AL 36526
UNITED STATES

ACAMPBELL@DAPHNEAL.COM

Line	Part Number	Description	Schedule B Code	Qty To Ship / Qty BO	Unit Price	Ext Price
1	2218-G	WIDE RANGE IND,PH RGT 3 30ML *LBL-I* *F	3822.00.5090	2.00	8.10 /1	16.20
				0.00		
2	4169-H	SODIUM THIOSULFATE .025N, 60ML **MSDS**		4.00	10.05 /1	40.20
				0.00		
3	4483-E	HARDNESS RGT 5, 15ML *LBL-I* *C		2.00	7.45 /1	14.90
				0.00		
4	4484A-J	HARDNESS REAGENT # 6 TABLETS, 100/BOX		2.00	8.50 /1	17.00
				0.00		
5	2311A-J	BCG-MR INDICATOR TABLETS, 100/BX	3822.00.5090	2.00	10.70 /1	21.40
				0.00		
6	4493PS-H	ALKALINITY TITRATION RGT. B, 60ML *LBL-I*		1.00	9.10 /1	9.10
				0.00		
7	4167-G	MANGANOUS SULFATE SOLUTION, 30ML **MSDS**		3.00	10.10 /1	30.30
				0.00		
8	4170WT-G	STARCH INDICATOR SOLUTION 30ML		3.00	7.80 /1	23.40
				0.00		

Tracking Number(s): 114158979727



Invoice: 618848

LaMotte Company
802 Washington Ave, PO Box 329, Chestertown MD 21620 USA
Tel: 410-778-3100 Fax: 410-778-6394

-PLEASE CALL before returning any goods
-FILE CLAIMS for damages or shortages within 10 days
-PLEASE REMIT IN US FUNDS
-SELLER REPRESENTS that production of articles within this invoice comply with the fair labor standards act of 1938, as amended
-DISCLAIMER All products meet the seller's current production specifications as intended solely for chemical testing. The seller shall, in no event, be liable for any injury, loss or damage resulting from the handling, use or misuse of products.
-Products herein shall not be exported to any country subject to US export embargo

Sales Amount: 172.50
Handling Fee: 0.00
Freight Charge: 17.21
Sales Tax: 0.00
Total: 189.71

Please reference Account Number and Invoice Number with payment



Inv# 618848 \$189.71
LaMOTTE
11/15/2019 # Pages 3 FP3 DOC56S22060
PO# 2000546

APPROVED INVOICE

168000

DEPT ORG#

5.33055

OBJECT #

/ PROJECT #

DATE

/ DEPT HEAD APPROVAL