



BALDWIN COUNTY, ALABAMA

Planning and Zoning Department

Melanie N. Ratcliffe
MS4 Section
Stormwater Management Branch, Water Division
Alabama Department of Environmental Management
PO Box 301463
Montgomery, Al 36130-1463

Re: Baldwin County's 2022-2023 Phase II MS4-Annual Report and SWMPP Update

Dear Ms. Ratcliffe,

I have attached the County's 2022/2023 MS4 Phase II Annual Report-Goals and Achievements Compliance Spreadsheets, SWMPP MCM Evaluations and SWMPP Update for your review. If you have any questions, please give me a call.

Sincerely,

Ashley Campbell
Baldwin County Planning & Zoning Department
Natural Resource Planner
201 East Section Ave
Foley, AL 36535
ashley.campbell@baldwincountyal.gov
Office: 251-580-1655 Ext 7260
Cell: 251-423-3632

2022/2023 Baldwin County SWMP Plan Update

The sections of the County's SWMPP were updated as follows:

Section 1- Program Administration

- Master Plan Meeting updated (1.2.5)
- Legislative Act 2005-200 updated (1.2.6)
- Planning Districts updated (Figure 1.1)
- SWMP Revisions updated (1.3)
- SWMP Organization Chart updated (Figure 1.2)

Section 4-Public Education and Outreach

- Local Partnerships updated (4.4.1)

Section 8-Post Construction Storm Water Management

- Language added regarding site review (8.2.1)

Section 9-Pollution Prevention/ Good Housekeeping

- Facility Inventory updated (9.2.1.1)
- Unpaved Roads Study updated (9.2.3.9)

MCM 1-5 Program Strategies and Goals Spreadsheet Tables updated

Minimum Control Measures Program Evaluation Comments

Section 4&5-MCM1-Education Outreach/Public Participation

The County feels that the strategies and goals established for this MCM are effective in meeting the permit requirements. At this time, the County has no plans to change the SWMPP strategies or goals.

Section 6-MCM2-Illicit Discharge Detection and Elimination

The County feels that the strategies and goals established for this MCM are effective in meeting the permit requirements. At this time, the County has no plans to change the efforts. However, Planning and Zoning will continue to work with the Highway Department to streamline the dry weather screening, inspection, and reporting process.

Section 7-MCM3-Construction Site Runoff Control

The County feels that the strategies and goals established for this MCM are effective in meeting the permit requirements. At this time, the County has no plans to change the SWMPP strategies or goals.

Section 8-MCM4-Post Construction Stormwater Management

The County feels that the strategies and goals established for this MCM are effective in meeting the permit requirements. At this time, the County has no plans to change the efforts.

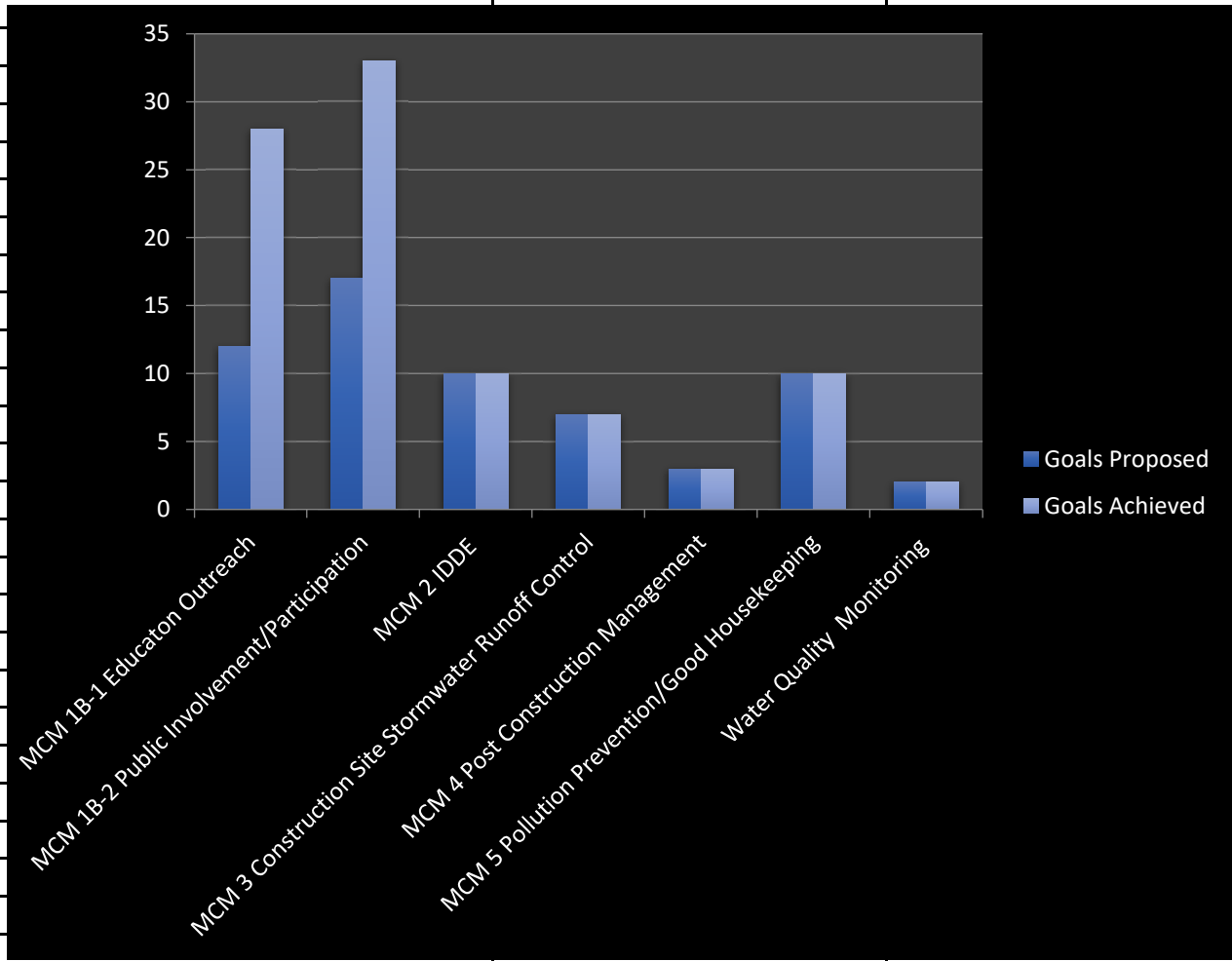
Section 9-MCM5-Pollution Prevention/Good House Keeping for Municipal Operations

The County feels that the strategies and goals established for this MCM are effective in meeting the permit requirements. At this time, the County has no plans to change the efforts. However, the County will strive to make the tracking of employee training more efficient.

Section 10-Water Quality Monitoring Plan

At this time, the County has no plans to change its Water Quality Monitoring efforts.

Minimum Control Measure (MCM)	2022/2023 Goals Proposed	2022/2023 Goals Achieved
MCM 1B-1 Education Outreach	27	58
MCM 1B-2 Public Involvement/Participation	19	38
MCM 2 IDDE	9	9
MCM 3 Construction Site Stormwater Runoff Control	10	10
MCM 4 Post Construction Management	8	8
MCM 5 Pollution Prevention/Good Housekeeping	12	12
Water Quality Monitoring	NA	NA



**TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals**

NPDES Permit Section	SWMP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments	2022 Proposed	2022 Achieved	2023 Proposed	2023 Achieved	2024 Proposed	2024 Achieved	2025 Proposed	2025 Achieved	2026 Proposed	2026 Achieved
Part III-B1	4.4.1	Local Partnerships	Throughout the permit cycle, the County will keep an update list of local partnerships with other agencies and organizations	All	P&Z	✓	✓								
Part III-B1bv	4.4.1	Local Partnerships	Coordination with other agencies and groups on environmental efforts, County staff will attend four (4) environmental agency meetings a years	All	P&Z	4	15								
Part III-B1bv	4.4.1	Local Partnerships	In year one (1), the County will see to partner with USDA/NRCS to educated Livestock Farmers regarding potential pathogen pollution impacts to local streams	Pathogens	P&Z	✓									
Part III-B1bv	4.4.1	Local Partnerships	Eastern Shore MS4s Meetings In years one (1) through (5), host or attend one meeting a year	All	P&Z	1	2								
Part III-B1	4.4.1.1	Local Partnerships-Clean Water Future Campaign	Throughout permit cycle continue to support the Clean Water Future (CWF) Campaign which informs individuals, households, schools, & businesses about steps they can take to reduce storm water pollution	All	P&Z	✓									
Part III-B1	4.4.2	Articles in Local Media & Brochures	Once per permit cycle, survey Environmental Advisory Committee (EAC) to determine target storm water pollutants and audiences for MS4 Education Outreach Program	All	P&Z	*	*								
Part III-B1	4.4.2	Articles in Local Media & Brochures	In years one (1)through five (5), create and update a list of local media outlets	All	P&Z	✓	✓								
Part III-B1	4.4.2	Articles in Local Media & Brochures	Throughout the permit cycle, the County will submit or participate in five (5) Stormwater related materials/articles being released to local media outlet or social media per permit cycle	All	P&Z	1	8								
Part III-B1	4.4.2	Articles in Local Media & Brochures	In year one of the permit cycle, the County will compile and update a list of EPA stormwater related education outreach materials	All	P&Z	✓	✓								
Part III-B1	4.4.2	Articles in Local Media & Brochures	In year one (1), review the county's building locations for brochure distribution and update as needed	All	P&Z	✓	✓								
Part III-B1	4.4.2	Articles in Local Media & Brochures	In year two, initiate a tracking system for EO Brochures-Pamphlets distribution	All	P&Z	**	**								

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NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments	2022 Proposed	2022 Achieved	2023 Proposed	2023 Achieved	2024 Proposed	2024 Achieved	2025 Proposed	2025 Achieved	2026 Proposed	2026 Achieved
Part III-B1bi	4.4.2	Articles in Local Media & Brochures	Create two (2) stormwater education brochures for a targeted pollutant every permit cycle	All	P&Z	1									
Part III-B1bv	4.4.3	Website P&Z Environmental	In year one (1) of the permit cycle, work with the County's Marketing Department to create & design a separate county environmental web page which will inform and involve individuals and groups on how to participate in storm water programs	All	P&Z & Marketing	✓									
Part III-B1bv	4.4.3	Web Site P&Z Environmental	In year two (2) of the permit cycle, work with the County's Marketing Department to release the new environmental web page	All	P&Z & Marketing	**	**								
Part III-B1bii	4.4.4	Environmental Workshops	During the permit cycle, host or sponsor two (2) education outreach workshop with at least one targeting land development community (i.e., construction)	Sediment, ALL	P&Z	2	4								
Part III-B1	4.4.5.1	Classroom Presentations-Master Environmental Education Presentations	During permit cycle, present two (2) MEE lessons to school age classrooms per year	All	P&Z	2	12								
Part III-B-1	4.4.5.2&3	Local Environmental Festivals-Watershed Festivals	Baldwin County Water Festival & Coastal Kids Quiz- The County will participate in two (2) events per permit cycle.	All	P&Z	1									
Part III-B-1	4.4.6.1&2	Local Environmental Festivals-Watershed Festivals	Woods-n-Water, Jubilee Festival & Earth Day-The county will sponsor or participate in one (1) festival a year	All	P&Z	1	1								
Part III-B-1-b-iii-(2)	4.4.7.1	Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage	In year one of the permit cycle, the County will create an inventory watershed and environmental awareness signage located in the MS4 area.	Trash & Floatable	Highway & P&Z	✓									
Part III-B-1-b-iii-(2)	4.4.7.1	Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage	In year one of the permit cycle, install watershed signage in the Magnolia River Watershed	Trash & Floatable	Highway & P&Z	✓									
Part III-B-1-b-iii-(2)	4.4.7.1	Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage	In year three of the permit cycle, install or update watershed signage in one additional MS4 Watershed	Trash & Floatable	Highway & P&Z	*	*								

**TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals**

NPDES Permit Section	SWMP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments	2022 Proposed	2022 Achieved	2023 Proposed	2023 Achieved	2024 Proposed	2024 Achieved	2025 Proposed	2025 Achieved	2026 Proposed	2026 Achieved
Part III-B-1-b-iii-(2)	4.4.7.1	Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage	Throughout the permit cycle, maintain watershed and environmental awareness signs and inventory	Trash & Floatable	Highway & P&Z	✓	✓								
Part III-B-1-b-iii-(1)	4.4.7.2	Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage	In year one (1), partner with Eastern Shore (ES) MS4 to plan a community event to install storm drain labels throughout the ES MS4 area.	Trash & Floatable	Solid Waste & P&Z	✓	☐								
Part III-B-1-b-iii-(1)	4.4.7.2	Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage	In year two (2), partner with Eastern Shore (ES) MS4 to host the community event to install storm drain labels throughout the ES MS4 area.	Trash & Floatable	P&Z	*	*								
Part III-B-1d	4.6	Program Evaluation	Throughout the permit cycle, evaluate the Education Outreach Minimum Control Measure strategies and goals achieved and submit an annual report	All	P&Z	✓	✓								
					Total Goals	27	58								
	*	Not Proposed for Permit Year													
	**	Completed Prior to Proposed Year													
	X	Not Completed-Goal Not Met													
	☐	Attachment Included in Report													
	P&Z	Planning & Zoning													
	Hwy	Highway													

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1	4.4.1	Local Partnerships	<i>Throughout the permit cycle, the County will keep an update list of local partnerships with other agencies and organizations</i>	All	P&Z
		Local Partnerships			
		Alabama Department of Environmental Management			
		Alabama Coastal Foundation			
		Alabama Clean Water Partnership			
		Alabama Water Watch (AWW)			
		Baldwin County Cities & Towns			
		Baldwin County Emergency Management Agency			
		Baldwin County Community Rating System			
		Clean Water Alabama			
		Clean Water Future Campaign			
		Coastal Foundation			
		Weeks Bay Preserve			
		Weeks Bay Watershed Project			
		Mobile Bay National Estuary Program (MBNEP)			
		Wolf Bay Watershed Watch			
		Pensacola-Perdido Bay Estuary Program			
		Baldwin County Environmental Advisory Committee			
		People Against a Littered State (PALS)			
		U.S. Corps of Engineers			

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NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1bv	4.4.1	Local Partnerships	Coordination with other agencies and groups on environmental efforts, County staff will attend four (4) Environmental agency meetings a year	All	P&Z
Partners					
<i>Alabama Stormwater Association</i>					
	Date	Meeting Topic			
	1/7/2023	Board of Directors Meeting			
<i>Baldwin County Conservation District</i>					
	Date	Meeting Topic			
	8/8/2022	Ara VI Supervisor Annual Meeting			
<i>Baldwin County EMA</i>					
	6/23/2022	Hurricane Sally Review			
<i>MBNEP-Committees</i>					
	Date	Committee	Meeting Topic		
	3/24/2023	Coastal Alabama Stormwater Team	Clean Water Future		
	3/31/2023	Government Networks Committee	MBNEP Update		
	5/17/2022	Coastal Alabama Stormwater Team	Clean Water Future		
	5/19/2022	Project Implementation Committee	Project Update		
	5/26/2022	Executive Committee	MBNEP Update		
	5/26/2022	Government Networks Committee	MBNEP Update		
	8/26/2022	Government Networks Committee	MBNEP Update		
	11/10/2022	Project Implementation Committee	Project Update		
<i>South Alabama Land Trust</i>					
	Date	Meeting Topic			
	6/21/2022	Land Acquisition Meeting			
<i>Weeks Bay Advisory Committee</i>					
	Date	Meeting Topic			
	7/27/2023	312 Evaluation			
	12/14/2022	Staff Updates			
<i>Wolf Bay Watershed</i>					
	Date	Meeting Topic			
	1/28/2023	2023 Annual Meeting			

4.4.1

Alabama Stormwater
Association

Alabama Stormwater Association

January 17, 2023
Montgomery, AL

Board Meeting Agenda

1. General Discussion Topics

1. Past events debrief

- * ASA Fall webinar - "Connecting with Citizens to Solve the Black Belt's Wastewater Infrastructure Issues" Nov 29, 2022; Speakers: Sherry Bradley, ADPH, Dr. Kevin White (USA)
- * AACD annual meeting - Rogers' presentation
- * IECA webinar covering EPA's Trash Free Waters initiative – Rogers' participation

1. Upcoming ASA events –

1. Regional tabletop event planning for Birmingham update (March 15 or 16). Brantley, Hofer, Rogers, and Fagan working with Laura Bell and AU Water Resources Center – Hofer/Rogers update
2. ASA Research Forum (late spring/early summer) – Brantley discussion and update
3. Clear Water Alabama – Henderson update
 - * ASA Symposium 8:00 – 10:30
 - * ASA to provide topics and speakers

1. Organization and Business updates -

1. ALSWCC/ASA Formation Assistance – Fagan update
 - * Process discussion and progress update – Jerri Hall
 - * Bylaws discussion - Fagan
 - * Draft fee structure discussion - Fagan
 - * Executive committee discussion - Fagan

Alabama Stormwater Association
Board of Directors

MEETING DETAILS

DATE: **January 17, 2023**
 TIME: **10:00am – 1:00pm**
 MINUTES TAKEN AND SUBMITTED BY: **Barry Fagan, 1/23/2023**

MEETING PURPOSE: Board of Directors Meeting – regular (quarterly)
MEETING LOCATION: Hybrid - ALDOT Central Office/Teams (Rogers hosting)

ATTENDEES

PRESENT (Quorum = 6 Directors):

- | | |
|--------------------|----------------------|
| ▼ Brantley | ▼ McCauley (virtual) |
| ▼ Campbell | ▼ Hofer (virtual) |
| ▼ Fagan | ▼ O’Dell |
| ▼ Harris (virtual) | ▼ Rogers |
| ▼ Henderson | |

NOT PRESENT:

- | | |
|---------|----------|
| ▼ Henry | ▼ Romine |
|---------|----------|

GUESTS:

- ▼ Jerri Hall (association formation and management consultant)

MEETING DISCUSSION

A. General Discussion Topics:

1. Past events debrief -
 - a. ASA Fall webinar - “Connecting with Citizens to Solve the Black Belt’s Wastewater Infrastructure Issues” Nov 29, 2022; Speakers: Sherry Bradley, ADPH, Dr. Kevin White (USA); 79 registered (about ½ attended)
 - b. AACD annual meeting - Rogers’ presentation about ASA; positive outlook for future collaboration
 - c. IECA webinar covering EPA’s Trash Free Waters Initiative – Rogers moderated panel; program has good resources on website; potential future ASA webinar

B. Upcoming ASA events:

1. Regional tabletop event planning for Birmingham update (March 15, 2023) - Brantley, Hofer, Rogers, and Fagan working with Laura Bell and AU Water Resources Center – Hofer/Rogers/Brantley update; Vestavia Hills to host; targeted invitations to go out soon
2. ASA Research Forum (mid-May, 2023) – Brantley update; similar to 2022 Colloquium; in-person (Auburn)/virtual hybrid offering; looking at recurring annual research forum and ways to incorporate involvement/work of other state universities.
3. Clear Water Alabama – Henderson update
 - a. ASA Symposium 8:00 – 10:30
 - b. ASA to provide topics and speakers - desire to set the tone of meeting with exciting/engaging presentations
 - c. ASA to offer call for abstracts (for event or ASA symposium only)

- d. Discuss opportunities for discounts for ASA members
 - e. Next planning meeting – March 3rd
4. Potential future event topic: Litter – See Trash Free Waters Initiative discussion above; potential speakers - Romell Nandi (EPA), other locals (Rosemary Ginn, Mobile)
 5. Next BOD meeting – April 18, 10:00 – 2:00 (hybrid: in-person at ALDOT and virtual). Rogers to reserve room Fagan to send invitations (Board meetings recur on the 3rd Tuesday of the first month of each quarter if possible)
- C. Organization and Business updates:**
1. ALSWCC/ASA Formation Assistance – Fagan update; review scope, provide update, introduce Jerri Hall
 - a. Process discussion and progress update – Jerri Hall; no needs currently; signatures on Articles of Incorporation notarized; Form 1023 for 501(c)3 application next item on critical path; officers will need to be named for bank account
 - b. Bylaws discussion – Fagan; Fagan will make suggested changes and send to group for review
 - c. Draft fee structure discussion – Fagan; Fagan will make suggested changes and resend to Board for review/discussion
 - d. Executive committee discussion – Fagan; Bylaws and Director/ Officer Roles and Responsibilities document will be formalized and reviewed prior to officer selection.

ACTION ITEM	ASSIGNED TO	TO BE COMPLETED BY
B.3. Make offer to Clear Water planning committee to send out call for abstracts – for meeting or for just ASA symposium	Henderson/Fagan	Jan 27, 2023
B.3. Discus potential for ASA members to receive discount to Clear Water Alabama event	Henderson/Fagan	Jan 27, 2023
B.5. Reserve room, send invitations for next BOD meeting	Rogers/Fagan	ASAP
C.1. Update bylaws resend for review/discussion	Fagan	ASAP
C.1. Update draft fee structure, resend for review/discussion	Fagan	Before next board meeting
C.1. Develop draft director/officer roles and responsibilities document	Fagan	Before next board meeting

4.4.1

Baldwin County Conservation
District



August 8, 2022

Ashley Campbell
Baldwin Co. Commission
22251 Palmer St.
Robertsdale, Alabama 36567

Dear Ms. Campbell:

You are invited to attend the 2022 Alabama Association of Conservation Districts Area VI Supervisors' Annual Meeting on Thursday, September 15, 2022. The meeting will be held at the Monroe County Conservation Education Center located at 1 Teen Trail, Monroeville, Alabama 36460.

Registration will begin at 9:00 AM and the meeting will begin at 10:00 AM. There will be a business meeting included in this meeting. Lunch will be served following the meeting.

If you are attending the meeting and/or lunch only, please RSVP to April Griffin by September 1, 2020. Email baldwin@alconservationdistricts.org or call 251-937-3297, extension 3.

We look forward to seeing you at the meeting.

Thank you,

Randall Hastings

District Chairman

Area VI District Supervisors and District Administrative Coordinators

BALDWIN

Randall Hastings
Blaine Chastang
Adam Bertolla
Dawn Hopper
Tobin Street
Jim Harmon
April Griffin

CLARKE

Mike Rotch
Mickel Shepherd
Debra Mathews
Kenneth Harrell
Ricky Hunt
Annah Whigham
Brenda Barnes

MARENGO

Andrew Williams
Marcia Eubanks
John R. Quinney
Paul Bayne Moore
Jan Holley
Stephanie Kaylor

WASHINGTON

Russell Hendrix
Mark Platt
Emory Mosley
Rod Richardson
Stacy Ferguson
Stephanie Platt

BUTLER

John I. Boutwell
Troy Casey
Larry G. Page
Leo Stringer
Betty Loveless Whittle
Phyllis Dantzler
Rose Mary Smith

CONECUH

Cameron Smith
Bobby Ballard
Ronald Shumack
CJ Mixon
Steve Dunn
Margaret Higdon

MOBILE

Morris Malone
Craig R. Hall
Brian Keller
Andy Thornburg
Tyler Cooley

WILCOX

Jake Harper
Abe C. Cook
McDuffie Stallworth
Clyde Stanford
Carl Jackson
Rita Dailey

CHOCTAW

Cory Martin
O.M. Becton
Evan McDonald
Willie F. Sykes
Jeff Lassiter
Sharon Shepherd

ESCAMBIA

Broox Garrett, Jr.
Frank Nalty, Jr.
Nell Wiggins
Hooper Matthews
Willis M. McGhee
Kay Burnham
Chasity Pettis

MONROE

Tim Tucker
Justin House
Sue D. Gaines
Jimmy Brooks
Dan McDaniel
Roy May
Jennifer Morris
Whitney Lowery



Sixty-Seventh Annual Meeting Area VI Association of Soil and Water Conservation Districts

September 15, 2022

*Supporting Soil and Water Conservation
in Southwest Alabama*

Area VI Conservation Awards



Supervisor of The Year
Andrew Williams, Marengo County



Conservation Education District of the Year
Marengo County SWCD



Outstanding District Employee
Sharon Shepherd, Choctaw SWCD



Conservation Farmer of the Year
Fairhope Dairy—Baldwin County
Tobin & Eric Street



Conservation Education Teacher of the Year
Danielle Brown
Baldwin County



Outstanding Wildlife Conservation
Monroe County
Forestry Committee



Outstanding Elected Official
Billie Jo Underwood
Baldwin County

4.4.1

Baldwin County EMA



Baldwin County Department Leadership Discussion Hurricane Sally, September 2020

Agenda

- I. Welcome / Opening Remarks
- II. Hurricane Sally Overview
- III. EOC Objectives (Pre-Landfall, Response, Recovery)
- IV. Strengths/Areas to Sustain
- V. Areas of Improvement
- VI. Discussion
- VII. Closing Remarks



Objectives

14 Sep 2020 (Pre-Landfall, D-48)

- Monitor Weather Forecast and Conditions
- Maintain Visibility on Road/Infrastructure Conditions and Status
- Public Information/External Affairs-Continue to disseminate public safety messages and coordinate with external partners and the media.
- EOC Operational Posture-Continue Level 3 EOC Activation: a) disseminate daily meeting schedules for the following day; b) remain current on documentation and records; c) Avoid silos-share information and coordinate with Ops Desk.

16 Sep 2020 (Landfall)

- Continue Monitoring Weather and Road/Infrastructure Status
- Maintain EOC Operations
- Maintain Evacuation and Shelter Operations
- Maintain Public Information/External Affairs Activities to effectively communicate with the public, partners, and the media
- Establish and Maintain High Water Rescue Teams
- Establish and Maintain Preliminary Damage Assessment Teams

23 Sep 2020 (Post-Landfall, D+7)

- POD Operations
- Monitor Business and Commerce Recovery
- Debris (Cat A)
- VOAD: DMC and VRC
- DRC Planning
- PDAs in Orion
- Long-term transitional shelter
- Demobilization
- Planning Meeting after Shelter Meeting at 2p



Strengths/Areas to Sustain (3-5):

1.	
2.	
3.	
4.	
5.	

Notable Areas of Improvement (3-5):

1.	
2.	
3.	
4.	
5.	

Parking Lot Items (if any):

1.	
2.	
3.	
4.	
5.	

Hurricane Season AAR Future Actionable Items
As Listed on the Big Board

Pre-Landfall

- Research local gas stations with generators/backup power (mutual aid).
- Routine generator maintenance checks plus fuel level checks on generators, equipment, vehicles, etc.
- Identify necessary items/supplies for storm preparation and response. Get them before the next storm (rain gear, flashlights, etc.).
- BCC – Shelters, PODs: Staffing, locations, equipment with credentials – operators and supplies
 - ➔ BCC plus Department Heads. BRATS – Transporting – Highway – priority routes; Forklift training considerations; I+B – Agreement – forklift operations; Logistics contracts/self-sustaining?...
- EOC Roster: BCC staff needs plus identification – BCC Departments, information, staffing needs – training plus communicating expectations beforehand.
- Shelters of Last Result – Availability (type of population), visibility, emergency responders, essential personnel.
- Employee support – FOOD - essential personnel.
- Training – Debris Management Plan/Elements and Monitoring.

Landfall and Post-Landfall

- Essential personnel sustainment/support: Food, shelter, showers, etc.
- PA – Grants Portal (FEMA) documentation.
- FEMA/AEMA/BCEMA recovery process coordination and movement (relationships, transparency in progress/messaging/reporting).
- Maps, location information – essential personnel (safety).

• Cian → Can we have an MOU or something from Buckle's?

• Joey → Find out which service centers have generators

• Scouring equipment

- Adam (CIS) → securing doors/locks, tower checks (newly acquired Old 911 Building at the time), don't have an official checklist - people are sent out to take care of things

- Ron and Ann developed a checklist of what to do for various situations regarding pulling the Commission together to make sure i's are dotted / t's are crossed

- Wanda → get emergency supplies now due to shortage

- Frank → per Wanda, so long as power is on - use Munn's as usual; can use 5-digit call center number if an emergency

• Cian → working on procedures for "buckets" process during storms (will also make things easier on the backside with FEMA)

- Zach → what sets everything in motion is the emergency called meeting - what about timeliness?

• Joey → during Sally it was fine

• Eddie → in the future, timing to allow for employees to be brought in

- Zach → where does the money come from if we don't reach the threshold and it's not a Cat 3 or higher? (State and Fed operate on these specs)

• money moves at threshold, other resources with Cat

• for us, the focus for us was the 30" of rain expected, other impacts (importance of understanding cause - ques about why an emergency meeting was called)

- meeting allows FEMA to open up and prepare and for Com. Chair to make decisions related to the storm

• advocates for Dept briefings on posture / prep measures

- Cian → good idea to have plan in place about food-buying prior to storm (to avoid going out buying groceries when supposed to be at a desk)
- County employees = priority
- Terri → HQs in Clanton was/is problematic - they couldn't see how bad things were (debuss); training ahead of time for contractors; better documentation in portal
- Cian → them being in Clanton really hurt us
- Zach + challenge: "virtual activation" - discussed with AEMA senior leadership (those folks no longer there)

still fighting battles with AEMA and FEMA about Sally

- Cian → requests help from Zach to push projects through, expedited
- Terri → State on very few calls; our monitors were more helpful
- Zach → a lot of mistakes made at upper level of State EMA regarding who to talk to and when; our Br - that Sr. leadership is no longer there; interim director has good relationship with us - Zach's working on having a meeting with him soon (possibly June) to include electeds

- Ren stopped the meeting here -

12:00 pm

Discussion about another meeting occurred

Friday, June 3, 1:00 pm



Public Assistance

Overview

Public Assistance (PA) is FEMA's largest grant program providing funds to assist communities responding to and recovering from major disasters or emergencies declared by the President. The program provides funding for emergency assistance to save lives and protect property, and assists with funding for permanently restoring community infrastructure affected by a federally declared incident.

Eligible Applicants

Eligible applicants include states, federally recognized tribal governments (including Alaska Native villages and organizations so long as they are not privately owned), U.S. territories, local governments, and certain private non-profit (PNP) organizations.

PNPs must have "an effective ruling letter from the U.S. Internal Revenue Service, granting tax exemption under sections 501(c), (d), or (e) of the Internal Revenue Code of 1954, or satisfactory evidence from the State that the nonrevenue producing organization or entity is a nonprofit one organized or doing business under State law."¹ Additionally, for a PNP operated facility to be eligible, the PNP must demonstrate the facility provides a critical service or provides a non-critical, but essential government service and is open to the general public. A facility that provides a critical service is defined as one used for an educational, utility, emergency, or medical purpose.²

Project Categories

FEMA processes PA grant funding according to the type of work the applicant undertakes. Eligible work must be required as a result of the declared incident, be located in the designated area, be the legal responsibility of the applicant, and be undertaken at a reasonable cost.

Eligible work is classified into the following categories:

Emergency Work

Category A: Debris removal

Category B: Emergency protective measures

Permanent Work

Category C: Roads and bridges

Category D: Water control facilities

Category E: Public buildings and contents

Category F: Public utilities

Category G: Parks, recreational, and other facilities

Federal funding guidelines for each of these categories are listed in the *Public Assistance Program and Policy Guide*, which is located online at fema.gov/public-assistance-policy-and-guidance.

Application Process

After a federal declaration, the recipient (i.e. state, tribe, or territory) conducts Applicant Briefings to inform potential applicants (i.e. state, local, tribal, territorial, and PNP officials) of the assistance available and how to apply. Applicants must then file a Request for Public Assistance within 30 days of the date their respective area is designated by the federal declaration.

Following the approved request, FEMA and the applicants will conduct additional meetings to discuss disaster damage and project formulation. Applicants must identify and report damages to FEMA within the 60-day regulatory timeframe. FEMA, the recipient, or the applicant will then prepare project worksheets for eligible work and eligible facilities based on actual or estimated project costs.

¹ 44 CFR 206.221(f)

² Stafford Act § 406(a)(3)(B), 42 U.S.C. § 5172, and 44 CFR §206.221(e)

4.4.1

MBNEP-Committees

Coastal Alabama Stormwater Team



March 24, 2023

AGENDA

- **Welcome and Introductions**
 - Christian Miller, MBNEP
- **Discussions**
 - Coastal Regulatory Review Update
 - Training/CEUs for local officials
 - Video



Updating the Regulatory Review



- South AL SW Reg Review
 - Stormwater Mngt
 - Construction Phase BMPs
 - Post Construction
 - Coastal Area Resource Protection
 - Wetland/Stream Buffers
 - LID
 - Shoreline stabilization
 - Litter/recycling info
 - Provide known ordinance modifications/additions

The Mobile Bay National Estuary Program

South Alabama Stormwater Regulatory Update

September 2021

Prepared For:

The Mobile Bay National Estuary Program
118 North Royal Street – Suite 601
Mobile, Alabama 36602

Prepared By:

John Carlton, CPESC
33507A US Highway 31
Spanish Fort, Alabama 36527



This report has been prepared under contract PO # 43223. 490-5550-3600-2900-EW-MC

Planning for the next update...



- Is this review useful?
- Are we missing anyone?
- Stormwater Mngt
- Natural Resource Mngt
- LID
- Litter
- Shoreline
- Coastal Issues
- Other issues?



Training Needs & Other



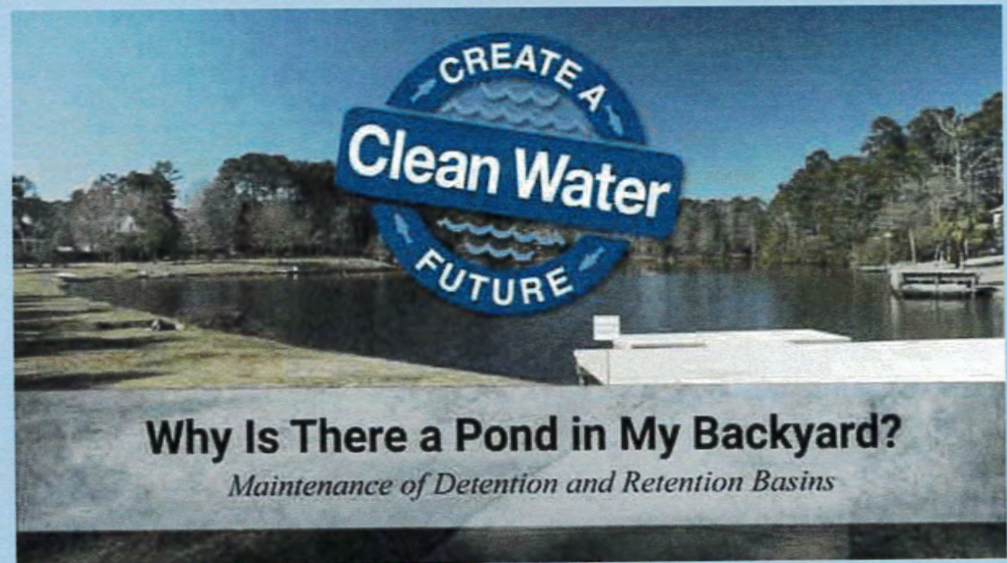
- Workshops/Field Days/CEUs
 - LID
 - Stream Restoration
 - Pre/Post Construction BMPs
 - Hydro Models
 - Invasive Species Mngt

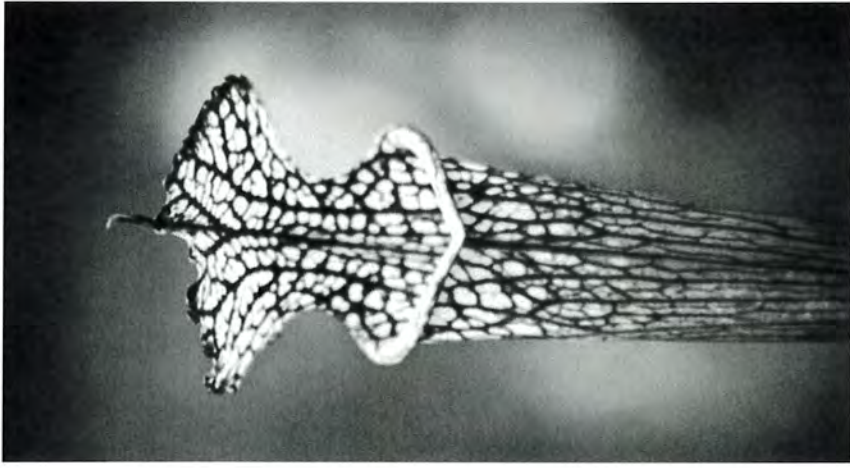


Training Needs & Other



- Videos
 - MS4
 - Stormwater
 - Watershed Planning
 - LID
 - Detention Ponds
 - Litter
 - Forest Conservation





Questions?

cmiller@mobilebaynep.com

CAST Meeting

Friday, March 24, 2023

In attendance: Ashley Campbell, Baldwin County; Leslie Gahagan, City of Foley; Kim Burmesiter, City of Fairhope; Christina LeJeune, Fairhope; Rosemary Sawyer, City of Mobile; Christian Miller, MBNEP

Meeting was held via Zoom and commenced at 1:05 PM. Christian stated the objectives of today's meeting were to:

- review the Coastal AL Stormwater Reg Review and discuss potential additions to the next update.
- Talk about additional training/workshop needs geared towards municipal staff and officials.
- Talk about needs for additional educational videos.

Reg Review Update

- The last update was done in 2021 so it's time to think about the next version.
- The last update looked at Federal/State/County/local regs related to Pre and Post Construction Stormwater Management, Natural Resources Protection (e.g., Wetland/stream buffers), Low Impact Development requirements, coastal protection/shorelines, and trash/litter/recycling.
- The Baldwin County and Fairhope Environmental Advisory Committees have both discussed the review and potential additions for updates.
- There have been two areas that would be beneficial to consider: red clay ordinances and steep slope ordinances.
- Ashley also discussed there is an effort to develop a template of model ordinances, like for wetland protection, that would contain model language that would be customizable for other municipalities.

Trainings

- Kim asked about trainings to support new watershed groups. Leslie talked about the CAC's efforts and the support they are geared to provide for new grassroots watershed groups.
- Ashley mentioned a survey that they had put together to help gauge interest in/new topics for workshops. That can be reviewed and sent back out to some additional groups (PIC and PLAN).
- A topic that has come up multiple times relating to Land Trusts/Land Conservation/Management issues.

Videos

- The MBNEP/Create a Clean Water Future video library has covered: MS4 requirements, Stormwater management, Watershed Planning, LID, Detention pond maintenance, litter, and land conservation.
- The City of Fairhope regularly uses the MS4 video to educate staff and officials (Planning Commission).

- The MS4 video is starting to look a bit dated, but is still generally good and the opinion is that it's better to cover another topic rather than updating the MS4 video.
- A video geared towards municipal staff on how to inspect BMPs and stormwater management infrastructure in the field would be beneficial. Erosion control and good housekeeping.
- Video should touch on why this is important (to protect habitat and water quality).
- Another potential topic would be to touch on illicit discharges/septic system maintenance.

Other needs

- Some social media resources that could be shared and blasted by everyone. Like a "Tuesdays Tips" or similar. Short informative posts to highlight good practices for stormwater management, litter, fertilizing, etc.



**Mobile Bay National Estuary Program
Government Networks Committee
March 31, 8:00 am – 9:30 am**



**International Trade Building
250 N. Water Street
Mobile, AL 36606**

Agenda

Meeting Objectives:

- a) Provide status of State projects and priorities
- b) Provide overview of 2023 legislative agenda
- c) Review critical issues and priorities for shoreline management in Coastal Alabama

1. Welcome and Introductions

GNC Co-Chairs:

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

2. Review and Approval of Minutes

3. Old Business

- a) State Update – Chris Blankenship, ADCNR
- b) MBNEP update – Christian Miller, MBNEP

4. New Business

- a) 2023 Legislative Overview – Beth Lyons, Lyon's Law Firm
- b) Planning for Resilient Shorelines in Coastal Alabama – Dr. Bret Webb, U. South Alabama

5. Adjourn

Minutes

In attendance: Billie Jo Underwood, Baldwin County Commission; Ashley Henderson, Alabama Soil & Water Conservation Committee; Jeff Collier, Town of Dauphin Island; Amy Hunter, ADCNR; Chris Thomas, EPA Region 4; Cade Alred, SARPC; Mike McMillan, City of Spanish Fort; Leslie Gahagan, City of Foley; Nicole Taylor, SARPC; Margie Wilcox, AL House of Representatives; Skip Gruber, Baldwin County Commission; Matt Anderson, City of Mobile; Scott Hughes, ADEM; Scott Bannon, MRD; Chris Blankenship, ADCNR; Ralph Helmich, City of Foley; Frances Holk-Jones, AL House of Representatives; Veronica Hudson, City of Saraland; Cody Ledet, City of Spanish Fort; Merceria Ludgood, Mobile County Commission; Beth Lyons, Lyons Law Firm; Chris Plymale, EPA Region 4; John Valentine, DISL; Bret Webb, USA; Casi Callaway, City of Mobile

Staff: Roberta Swann, Bethany Hudson, Marti Messick, Henry Perkins, Blair Morrison, Christian Miller

Takeaways

- CCMP goals and objectives that fall under the purview of the GNC are found in the Technical Assistance and Capacity Building strategy and focus on building the capacity of local governments to better manage their own natural environments.
- There are multiple bills of local interest currently being introduced and discussed in the State legislature including the increasing of caps associated with economic development programs and funding for local projects at the Port and the new passenger infrastructure at Brookley Field.
- Across coastal Alabama shorelines have been eroding since the 1800's and are impacted by issues including human alteration of the natural environment, lack of sediment, wave action, and sea level rise.
- There is a need to comprehensively address the issues affecting shoreline erosion, to include making it easier administratively for nature-based shoreline stabilization to be undertaken and improving the capacity of local contractors to implement living shoreline projects.

Meeting was called to order at 8:05

A motion to approve the minutes from the previous meeting was made by Skip Gruber and seconded by Mike McMillan.

Amy Hunter gave an update for ADCNR

- GOMESA proposals are due on April 4th, Will Underwood is the point of contact for any issues/questions.
- Bon Secour dredge material disposal site is complete
- Orange Beach sewer improvements are nearing completion
- Fairhope Working Water Fronts and sewer improvements are nearing construction
- Satsuma sewer/water infrastructure projects are almost ready to go to bid
- Bayou La Batre – extension of the sewer force main is almost ready to go to bid, the City Docks project was highlighted in the Lagniappe and is nearing going to bid
- 166 projects are currently in some phase of planning/design/implementation across Mobile and Baldwin counties.

Christian gave an update for MBNEP

- Dauphin Island Plan is final and can be accessed on the MBNEP webpage:
https://www.mobilebaynep.com/assets/uploads/main/00_Dauphin-Island-WMP_PRINT.pdf
- Middle Delta & Eastern Shore are wrapping up and will be out for comment soon.
- That leaves the Eastern Delta, Western Delta, and Perdido which are all in progress.
- The final WMP is Grand Bay which will be getting underway this summer.
- Reviewed the CCMP Technical Assistance and Capacity Building strategy goals and objectives that apply to the GNC
- TAC-3 "Build the Capacity of Local Governments to Manage and Enhance Coastal Environmental

Resources”

- Support implementation of eight coastal watershed plans
- Support establishment and operation of watershed partnerships and task forces
 - D'Olive Intergovernmental Task Force, Plan Lower Alabama Now, and Coastal Alabama Stormwater Team are all examples of intergovernmental groups that have arisen out of watershed planning to aid implementation of plan recommendations.
- Review and maintain South Alabama Regulatory Review (completed in 2018 & updated in 2021)
- Develop recommendations for improved enforcement of existing ordinances.
- Develop strategy for adoption of model ordinances.
- Establish resource library of videos and other tools to improve environmental management.
 - Video library and resources available on Clean Water Future & NEP website
- Conduct trainings for local government resource managers.
 - Recently held LID workshop in partnership with Auburn and Baldwin County
- The next cycle of CCMP development will be starting soon so there will be a need to work with the GNC on refining goals and objectives for the next CCMP.

Beth Lyons – State Legislative Update

- The legislature went into session on March 7, went into special session to deal with \$1 billion ARPA. Funds will be spent on Sewer infrastructure, hospitals/nursing homes, broadband internet, and public health programs. The special session lasted about one week and then went back into regular session. Must conclude by June 19.
- 366 bills have been introduced to date
- Renewal and expansion of economic incentives: Jobs Act and Growing AL Act gives income tax deductions/credits. Money will also be available for the development of brownfields.
- \$8.7 billion for education budget, \$3 billion general fund budget
- Supplemental appropriations bill for the education budget includes \$31 million for the Port, \$21 million for Mobile Downtown Airport, \$2 million for DISL
- Repeal of the grocery tax is being discussed. One version would only apply to foods that qualify for SNAP and would cost the State ~\$300 million/year in revenue. There's no plan to replace the revenue and no bill has been introduced yet.
- Chris Elliot passed a bill through the senate to limit liquor liability. Currently everyone involved in serving someone could potentially be liable and this would limit it to the person who served the drink that pushed the person over the limit of intoxication.
- Patient's rights bill passed in the senate that would allow a primary care giver to have limited visitation rights.
- Matt Simpson has a bill that would introduce mandatory sentencing for fentanyl crimes
- There is legislation to provide for more judges to help alleviate back logs in cases
- Historic tax credit cap is currently only \$20 million/ year, Rep Clarke is introducing a bill to raise the cap.
- Chip Brown is introducing a bill to allow for property owners to dredge in riparian area to utilize for shoreline stabilization/living shorelines. ADCNR has some issues with the current legislation and they are working on a substitute bill that would allow their oversight.
- There will be multiple abortion-related bills to create exemptions for rape and incest.
- Medicare expansion is another issue that will be discussed.
- Trigger activated devices (glock chips) legislation is being introduced to outlaw these at the State level.
- Bill is being introduced to raise the competitive bid limit from \$15,000 to \$25,000.
- There will likely be over 200 bills passed out of a total of 600+ that will be introduced, many of these will be bills that apply to limited locations.
- The “ban on bans” for plastic bags is not likely to ever be brought forward again, Rep. Wilcox has made sure that the legislature understands why that is such an important issue for the coast.

- Dr. Webb introduced himself as a professor of coastal engineering at the University of South Alabama and co-owner of Southcoast engineering specializing in coastal engineering and said he would focus on providing general information about coastal shoreline management in Alabama.
- There are over 600 miles of tidally influenced shoreline in the state of Alabama.
- These shorelines support abundant biodiversity and are important to manage
- \$25 billion dollar impact for shoreline-dependent industries, Port of Mobile and coastal tourism are the primary drivers.
- A healthy coast and ecosystem = a healthy economy.
- The overall status of shorelines is they are eroding. Management concerns relate to the built environment/infrastructure that has been placed in coastal areas.
- Comparing shorelines from the 1800s to today, the overall trend is that they are retreating at 1-3 feet/year.
- MBNEP, with funding from ADCNR, completed a comprehensive shoreline mapping of Baldwin and Mobile Counties in 2009-2012
 - [Shoreline Mapping of Baldwin and Mobile Counties Phase I](#)
 - [Shoreline Mapping of Baldwin and Mobile Counties Phase II](#)
 - [Shoreline Mapping of Baldwin and Mobile Counties Phase III](#)
- This is happening for several reasons:
 - Lack of sediments
 - Shoreline armoring
 - Sea Level Rise
 - Wave Action
- Lack of sediment into the system is what is driving this. Not getting the coarser sediments that we had normally received out of the Delta due to man-made manipulation of the systems (e.g. dredging).
- Armoring shorelines has the effect of cutting off the natural source of sediment to the system.
- Control of erosion and sedimentation in developed areas has removed another source of sediment to the system.
- The sediment that is currently in the Bay is all we will have to work with during our lifetimes.
- There is a strong correlation between population growth and increased armoring of shorelines
- As you armor shorelines it reduces habitat for fish and wildlife
- Sea Level Rise is one compounding factor that we have no control over. The rate of SLR at Dauphin Island as increased from 1 ft/100 years to ½ ft over the last 20 years. This rate of sea level rise is increasing.
- We have frequent storms that drive shoreline erosion and winds out of the south that drive wave action, also lots of vessel traffic. All of these waves have a cumulative impact on our shoreline in exacerbating erosion.
- Options: Do nothing, retreat from the coast, regrade the bank, stabilize/armor or enhance/manage.
- Traditional beach renourishment brings in large amounts of quality materials to return the beach to its original state.
- Living shorelines use native materials like sand, plants, oysters instead of armoring to help manage shoreline loss and is a practical alternative for homeowners to maintain their own shorelines.
- Bulkheading is generally easier and cheaper in the State of Alabama. Lots of times bulkheading is necessary (eg. Port facilities) but in a lot of areas natural methods are practical alternatives.
- Current permitting is not efficient for natural shoreline implementation.
- Also, a lack of technical expertise to install natural shorelines. Very few contractors have the capability to install living shorelines.
- Stephanie Smallegan/Patch is leading a living shorelines program funded by RESTORE out of the DISL Center of Excellence.
- It was recommended to have a report out of projects funded through the Center of Excellence at an upcoming GNC meeting.

- Investments from the Deepwater Horizon fines have helped to quick start a lot of shoreline enhancement/stabilization projects across coastal Alabama, but there is a lot more shoreline that needs to be addressed (privately held properties).
- Lots of shoreline protection measures have been undertaken on private property without permitting.
- There is an effort underway to raise the cap on GOMESA funding to 50% which would mean the State would receive more money for projects including shoreline enhancement projects.

Meeting adjourned at 9:35 A.M.



Coastal Alabama Stormwater Team

May 17, 2022, 11:30 am - 12:30 pm
Virtual Meeting via Zoom



<https://disl.zoom.us/j/87575802699?pwd=RDBkd2kvU2hLaUtOM1JHbkl3QXhSQTO9>

Meeting ID: 875 7580 2699

Passcode: 086806

Agenda

Meeting Objectives:

- a) Discuss Reg Review and needs for next update
 - b) Brainstorm local training/CEU needs for next year.
1. Welcome and Introductions
Mr. Christian Miller, MBNEP
 2. New Business
 - a) Coastal Alabama Regulatory Review Update
 - b) Discussion of training needs
 3. Adjourn

Resources

[South AL Stormwater Regulatory Review \(2018\)](#)

[South AL Stormwater Regulatory Update \(2021\)](#)

Coastal Alabama Stormwater Team

AGENDA

- **Welcome and Introductions**
 - Christian Miller, MBNEP
- **Discussions**
 - Coastal Regulatory Review
 - Training/CEUs for local officials



Updating the Regulatory Review



- South AL SW Reg Review
 - Stormwater Mngt
 - Construction Phase BMPs
 - Post Construction
 - Coastal Area Resource Protection
 - Wetland/Stream Buffers
 - LID
 - Shoreline stabilization
- Update
 - litter info
 - Provide known ordinance modifications/additions

The Mobile Bay National Estuary Program

South Alabama Stormwater Regulatory Update

September 2021

Prepared For:

The Mobile Bay National Estuary Program
118 North Royal Street – Suite 601
Mobile, Alabama 36602

Prepared By:

John Carlton, CPESC
33507A US Highway 31
Spanish Fort, Alabama 36527



This report has been prepared under contract PO # 43223, 490-5550-3600-2900-EW-MC

Planning for the next update...



- Is this review useful?
- Are we missing anyone?
- Stormwater Mngt
- Natural Resource Mngt
- LID
- Litter
- Shoreline
- Coastal Issues
- SB 107 impacts
- Other issues?

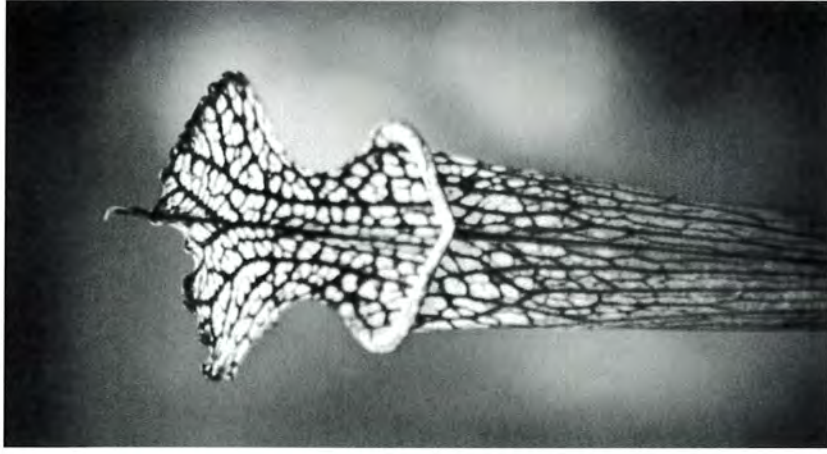


Training Needs & Other



- Workshops/Field Days/CEUs
 - LID
 - Stream Restoration
 - Pre/Post Construction BMPs
 - Hydro Models
 - Invasive Species Mngt
- Other





Questions?

cmiller@mobilebaynep.com

Minutes

Participants: Dan Bond, Gulf Shores; Ashley Campbell, Baldwin County; Lisa Adams, Mobile County; Brian Mabury, City of Mobile; Woody Speed, Orange Beach; Matthew Jones, Mobile County; Kim Burmeister, Fairhope; Christian Miller, MBNEP

- Christian discussed the 2018 Regulatory Review and 2021 update. The stated objectives were to have a thorough understanding of the Federal, State, and local regulations impacting stormwater management, natural resources protection, and specific coastal issues like shoreline protection. The 2021 update looked at these again and included a review of regs related to trash/litter/recycling programs and enforcement across the same area. The question was posed whether these products are utilized and helpful.
- Woody stated that he finds the reg review very helpful. Currently working on passing wetland buffers for Orange Beach and the reg review was very helpful in drafting that document.
- The document is helpful to review what other similar municipalities are doing in this area when drafting their own regulations. It also makes it easier to communicate these issues with elected officials.
- Ashley – It has been very helpful. Baldwin County has updated a lot of their regulations recently and it has been useful for communicating with the Commissioners and during the development of Watershed Management Plans.
- Dan – Agree with Ashley. The review has a lot of useful information. We need to find ways to get this sort of information out in front of the public.
- Next, Christian stated that it's time to start thinking about the next regulatory update and that with the CCMP update also on the horizon which issues should we look at potentially including in the next version
- Ashley suggested including marine/boating/water regs/laws. Stated that idle zones have been an issue that has popped up repeatedly.
- Everyone seems to have a pretty good grasp on the impacts of SB 107 but providing maps as we move forward with interlocal agreements could be useful because sometimes multiple jurisdictions may be handling different aspects of stormwater/natural resources regs.
- Additional education on SB 107 to all sectors of the community would be valuable.
- Matthew stated that lack of Home Rule is problematic in Mobile County. Baldwin County passed legislation to allow for zoning and is apparently the only County in the State with zoning. Currently, there is no political will to pass any sort of zoning legislation in Mobile County.
- Ashley stated that Baldwin County has been able to address some of the wetland/stream related issues in unzoned areas through recent flood plain management legislation passed at the State level which allows the County to require permitting in unzoned areas that impact streams/riparian/wetland areas. This could be a potential avenue for Mobile County to address similar concerns.
- Who else is missing from this discussion? - ADEM
- Christian noted previous trainings that NEP had facilitated on topics including: stormwater BMPs, LID, stream restoration, hydrologic modeling. What other topics would be useful?
- All of these above are still very relevant and would be welcomed
- A workshop on how Baldwin County achieved zoning – looking at local initiatives, how can this be achieved. General regulatory-themed workshop
- A look at water quality monitoring across both counties, what is being done, where is the data housed and how can it be accessed
- Update on success stories – local examples that can be replicated in coastal Alabama
- Erosion control workshops geared at local contractors/developers would be helpful
- Group decided it would meet quarterly going forward



**Mobile Bay National Estuary Program
Project Implementation Committee**
May 19, 2022, 1:00 pm – 3:00 pm
Virtual Meeting



Agenda

Meeting Objectives:

- a) Provide update on activities related to the Mississippi Sound.
- b) Other project status updates

1. Welcome and Introductions

PIC Co-Chairs:

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

2. Review and Approval of Minutes

3. Old Business

- a) Management Conference Committee Status Updates

4. New Business

- a) Mississippi Sound Project Updates
 - a. Mobile County Updates – Matthew Jones, Mobile County
 - b. Dauphin Island WMP, West End Economic Study, and West End Bird Plan – Chris Warn, Environmental Science Associates
 - c. Alabama Department of Conservation and Natural Resources Updates – Jeremiah Kolb, ADCNR
 - d. U.S. Army Corps of Engineers Updates – David Newell, USACE
 - e. The Nature Conservancy Updates – Mary Kate Brown, TNC
- b) Watershed Planning and Project Implementation Update
- c) Off-cycle topical meeting – next topic or destination?
- d) Next meeting **August 11**

5. Adjourn



Welcome!

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

Please note: This meeting is being recorded!

This presentation provides minutes of the May 19, 2022, Project Implementation Committee. Additional notes are added as needed.

Attendees: Aubrey Bianco, Don Blancher, Mary Kate Brown, Karina Calhoun, **Ashley Campbell**, John Curry, Jay Estes, Walter Ernest, Carl Ferraro, Leslie Gahagan, April Griffin, Judy Haner, Patric Harper, Jason Herrmann, Matthew Jones, Jeremiah Kolb, Nicole Love, Brian Mabry, Shannon McGlynn, David Newell, Autumn Nitz, Chris Oberholster, Chris Plymale, Melissa Pringle, Ray Richardson, Sam St. John, Suzanne Sweetser, Lee Walters, Chris Warn, Courtney Weatherby, Anna Yancy, Lee Yokel

MBNEP Staff: Bethany Hudson, Jason Kudulis, Marti Messick, Christian Miller, Roberta

Project Implementation Committee Agenda



Welcome and Call to Order:

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

Review and approval of March 2022 minutes

Old Business: Management Conference Committee
Updates

New Business:

- Mississippi Sound Project Updates
- MBNEP Watershed Planning and Project Implementation Updates
- Off-cycle Topical Meeting
- Next Meeting August 11



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

Minutes from the March 2022 meeting were distributed for review prior to the meeting. Don Blancher motioned to accept the minutes; Carl Ferraro seconded the motion.

Old Business: MBNEP staff provided updates for the other Management Conference committees.

- Business Resource: The committee issued their first loan from the Coastal Alabama Fisheries Fund. A meeting was held in Coden with nearly 60 oystermen to share the program and recruit additional applicants. One dozen applications were received following the meeting. The Oysters Alabama website traffic is increasing (www.oystersalabama.com) – they met with Sweet Grown Alabama about possible inclusion on their platform.
- Besides the BRC, the other Management Conference committees are meeting after the May 19th PIC. Updates from those meetings will be provided at the August PIC meeting.

New Business:

Presentations focused on monitoring, planning, and restoration activities in the Mississippi Sound. This continues our theme of focusing on different geographic sectors around coastal Alabama. Slides from presentations follow and supplemental notes are included as needed.

Project Implementation Committee Agenda



- Mississippi Sound Project Updates
 - Mobile County Updates – Matthew Jones, Mobile County
 - Dauphin Island WMP, West End Economic Study, and West End Bird Plan – Chris Warn, Environmental Science Associates
 - Alabama Department of Conservation and Natural Resources Updates – Jeremiah Kolb, ADCNR
 - U.S. Army Corps of Engineers Updates – David Newell, USACE
 - The Nature Conservancy Updates – Mary Kate Brown, TNC

Dauphin Island Causeway

Status Update:

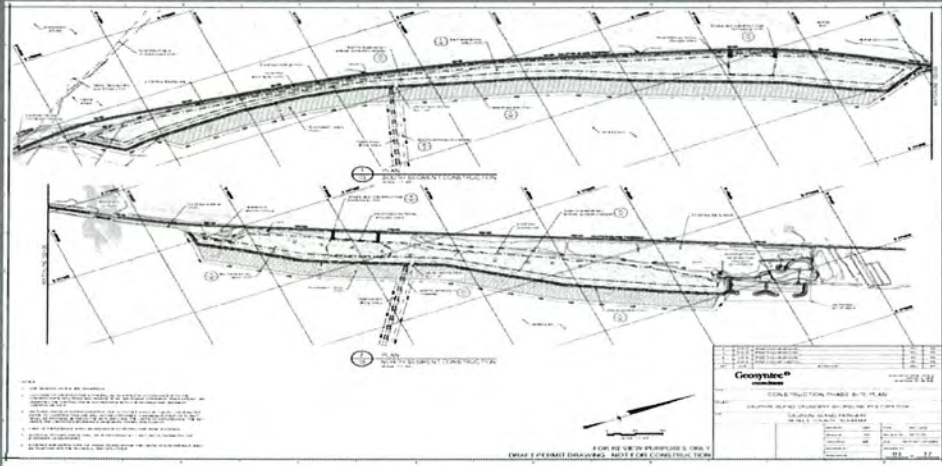
- Design
 - Mobile County is working with the USACE to directly place dredged material from the Mobile Ship Channel at the project site
 - Engineering and Design plans are being updated to accommodate hydraulic placement of the material
- Permitting
 - USACE permit will be submitted this week



Mobile County updates provided by Matthew Jones.

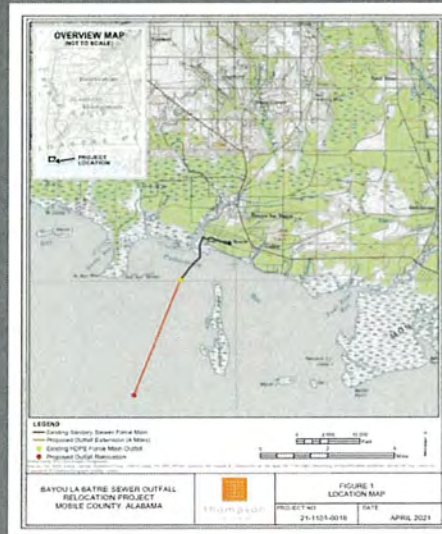
The project is 3.3-mile shoreline restoration project that spans from Bayfront Park to Cedar Point Pier. Will restore about 100 acres of marsh. Material will be delivered by direct placement from USACE dredging activities.

Dauphin Island Causeway



Extension of Effluent Force Main from Bayou La Batre WWTF

- Engineering Team
 - Thompson Engineering
- Purpose
 - Extend the Bayou La Batre Outfall line from 1 mile offshore to approximately 5 miles to enhance water quality
- Funding
 - RESTORE ACT



Extension of Effluent Force Main from Bayou La Batre WWTF

Status:

- Design
 - Nearing Completion
- Permitting
 - USACE Permit has been issued
 - ADEM NPDES Permit Application has been submitted



Redevelop Bayou La Batre City Docks

- Engineering Team
 - Moffat and Nichol
- Purpose
 - The purpose of this project is to redevelop the City Docks. This new vision will serve as a public space and meeting place for festivals and area residents to enjoy.
- Funding
 - RESTORE



Restoring the Bayou La Batre City Docks and Lightening Point as Constructed Wetland



Public access enhancement - new boat launch and dock facility will be a great improvement.

Redevelop Bayou La Batre City Docks

- Design Status

- Feasibility Study and Economic Analysis was completed in May 2021.
- Mobile County submitted a grant amendment in July 2021
- Mobile County received fully executed subaward from ADCNR in March 2022 to begin the Engineering, Design, and Permitting
- Mobile County issued a NTP to Moffat and Nichol on 4/11/22





Dauphin Island West End Bird Conservation
and Management Plan

Dauphin Island Watershed Management Plan

Dauphin Island Fiscal Impact Analysis

MBNEP PIC Meeting

May 19, 2022



Chris Warn provided Dauphin Island updates. Environmental Science Associates is managing these three projects for the Town of Dauphin Island, Mobile County, and the MBNEP.

Dauphin Island West End Bird Conservation and Management Plan



Source: Faldon

MBNEP PIC Meeting

May 19, 2022



Project Overview

- **Project Purpose**
 - Develop a management plan for restoring and/or enhancing target bird species and their associated habitats consistent with the requirements of the Alabama Trustee Implementation Group Restoration Plan III and Environmental Assessment; Provide and Enhance Recreational Opportunities; and Birds.
- **Project Background**
 - NRDA Funded
 - Acquisition complete - approximately 838 acres of privately-owned beach/dune habitat at the west end of Dauphin Island.
 - Site provides critical foraging habitat for Wilson's plover, snowy plover, reddish egret, American oystercatcher, least tern, and other coastal bird species.
 - Public ownership will help facilitate the protection and management of its habitats for the benefit of bird species injured by the DWH oil spill.



Still in the early stages of this planning effort. Now that the West End of Dauphin Island is under public ownership this plan will help protect and manage these fragile barrier island habitats.

Project Elements

- **Public Outreach and Education**
- **Data Inventory and Synthesis**
 - Compile and Assess Information
 - Identify Data Gaps and Collect Additional Data
 - Validate Habitat Suitability and Quality
 - Identify Critical issues and Areas
- **Development of Management and Restoration Actions**
 - Habitat Protection, Restoration, Management, Monitoring, and Policy Recommendations
 - Best Management Practices
 - Nuisance and Predator Species Control and Management Program
- **Develop Final West End Dauphin Island Bird Conservation and Management Plan**



Project Schedule & Status

- **Public Outreach and Education (*ongoing*)**
 - Dauphin Island open house meeting Nov. 8, 2021
 - Established Technical Advisory Committee (TAC)
- **Data Inventory and Synthesis (*Completion in JUL 2022*)**
 - Compile and Assess Information
 - Identify Data Gaps and Collect Additional Data
 - Validate Habitat Suitability and Quality
 - Identify Critical issues and Areas
- **Development of Management and Restoration Actions (*AUG 2022 to JAN 2023*)**
- **Develop Final West End Dauphin Island Bird Conservation and Management Plan (*APR 2023*)**
 - *Draft plan outline for TAC review*





Dauphin Island Watershed Management Plan

Dauphin Island Fiscal Impact Analysis

MBNEP PIC Meeting

May 19, 2022



Six common values most important to those living in Coastal Alabama



Access: To the water and open spaces for recreation and vistas.



Beaches and Shorelines: Protection economy, beauty.



Fish and Wildlife: Habitats, abundance, livelihoods.



Heritage and Culture: Promoting our area's historic identity and protecting this legacy for future generations.



Resilience: Protecting the capacity of human and natural physical systems to rebound from unforeseen events.

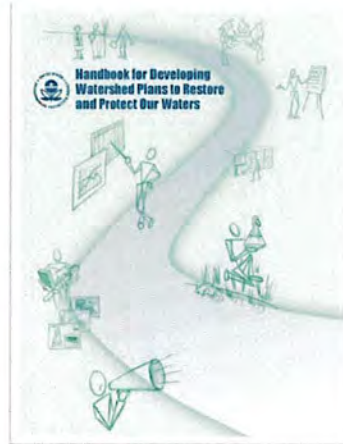


Water Quality: Whether drinkable, fishable, or swimmable, the public places high value on quality rivers, creeks, and bays.



MBNEP Comprehensive Conservation Management Plan values – key to every watershed management plan.

The Methodology – Watershed Management Approach



Source: EPA.gov



Continuity With Existing Plans



Weaving this watershed management plan with existing plans.

Build on Existing Efforts

- Recently Completed, Ongoing, Planned, and Proposed Projects (~50)



There is an abundance of activity and information in process or planned for Dauphin Island – this is an interactive map to stay up to date.

Project Schedule & Status

- Public Outreach and Stakeholder Engagement (*ongoing*)
- Watershed Characterization and Conditions (*completed*)
- Climate Vulnerability Assessment (*completed*)
- Identification of Critical Areas and Issues (*completed*)
- Management Measures (*in progress*)
- Implementation Strategies (*JUN 2022*)
- Regulatory Review and Financing Alternatives (*JUL 2022*)
- Develop Final Watershed Management Plan (*SEP 2022*)



Activities started in 2021.

Critical Issues & Areas

- Erosion of Island's culture and heritage
- Economic impacts of non-declared storms
- Shoreline erosion, loss, and breaching potential
- Sea level rise and increased storm intensity and frequency
- Island-wide flooding
- Dune and habitat loss
- Invasive species
- Development
- Aging or inadequate infrastructure



Tourism and construction continue to increase as well.

DAUPHIN ISLAND'S CHANGING LAND
A snapshot of the many phases of our barrier island



“ BEACH EROSION IS A NATURAL PHENOMENON. ALL BARRIER ISLANDS MOVE. BEACHES MOVE. BEACH EROSION BECOMES A PROBLEM, THOUGH, WHEN YOU LEAVE PROPERTY LINES AND BUILDINGS AND INFRASTRUCTURE. ”

— Dr. Scott Douglas, assistant professor at the University of South Alabama Department of Civil, Coastal and Environmental Engineering

BUILDING A BEACH

24.4 MILLION
Spent on beach replenishment in 2016, adding 800,000 cubic yards of sand to a one-mile stretch of beach on the east end of the island, reducing about 10 percent worth of beach erosion.

23.4 MILLION
Spent from a 2014 BP oil spill settlement through the National Fish and Wildlife Foundation. Funded a study for restoration efforts all along Dauphin Island's coastline.

1.1 MILLION CUBIC YARDS OF SAND
The town of Dauphin Island hopes to pump this sand from more than 5 miles of shoreline on the east end.

WORKING TO CREATE
Wider sandy beaches (100 feet on east end, 200 feet on west end), higher sand dunes, increased native vegetation and improved storm protection for the existing homes and public infrastructure.



Source: Scott Douglas, PhD, PE - <https://mobilebaymag.com/dauphin-islands-shifting-sands/>



May 2021 was not a named storm or a tropical system. It was a multiday south wind event. Sunny day flood events and king tide flooding continue to cause impacts.

Fiscal Impact Analysis

(King and Jenkins 2022)

- **Fiscal impact of potential storm damage**
 - between \$19,000 and \$142,000 in property tax revenues at current sea levels
 - up to \$189,000 at higher sea levels due to the loss of homes
- 100-year storm event, 83% of homes lost are expected to be on the west end under existing conditions.
- Average developed parcel value of the west end exceeds those of the middle and east end, the loss of west end homes is expected to have an outweighed impact on the Town's resources.
- 100-year storm would impact lodging tax revenues
 - between \$115,000 (existing conditions) and \$893,000 (with 6.6 ft of sea-level rise) in lost annual revenue
 - majority of lost lodging tax revenue comes from impacts on the west end
- West end generates significant revenues including most of the lodging tax revenues, this does not offset the cost of maintaining the West End and providing public services to the properties after an extreme storm event.
- Most property on the Island is not owned by Island residents, and not owned for personal use, especially on the West End.

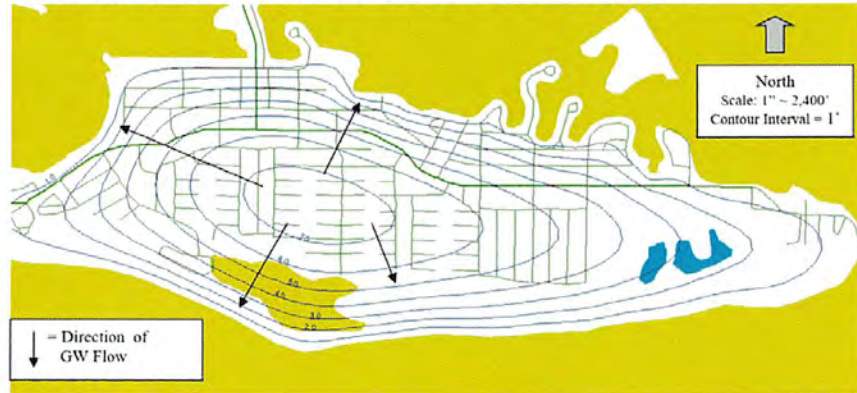




Non tropical event flooding. Rainfall and groundwater. See next slide.

Groundwater Flooding

Typical Representation of the Potentiometric Surface of the Water-Table Aquifer





Source: History Museum of Mobile

"Build your house in a wetland, and you've got a hobby for the rest of your life. You will be fighting that water forever."

- Ed Perry, USFWS

Source: <https://www.usfws.gov/Magazines/National-Wildlife/1998/1998-Cautions-Building-in-a-Wetland-Can-Be-Hazardous-to-Your-Home>



Dunes



From Roland Harper, 1940



Management Measures



- Retain – the culture and heritage of Dauphin Island
- Revitalize – underutilized assets
- Restore – and preserve natural systems (dunes and marshes)
- Reinforce, rebuild, replace, relocate – aging or inadequate infrastructure
- Retention – of stormwater through green and gray infrastructure
- Renourish – beaches and shorelines
- Resist – storm surge through engineered and natural solutions
- Reduce – vulnerability to storm events
- Resilient – implement programs and policies to strengthen resiliency
- Reconsider – existing policies
- Rethink – how development occurs on the Island
- Retreat – from unsustainable areas
- Reserve – areas for habitat migration
- Reinvent – approaches and solutions
- Reimagine – what a future Dauphin Island could look like



A question was asked about the Fiscal Impact Analysis – has that been common with the other watershed management plan activities, who led the effort, who paid for it? A similar analysis has not been completed with other WMPs. MBNEP contracted with the economists. This was brought about because of the sensitive nature and set of circumstances surrounding Dauphin Island. COVID has impacted the timeline as well as a lack of information, so it was longer than expected to complete.



Jeremiah Kolb with ADCNR provided updates on the State's projects in the Mississippi Sound.

Project Location



- Located along the northeastern portion of Point aux Pins within Portersville Bay in Mobile County, Alabama.

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Project Overview

- Funded under the Deepwater Horizon Oil Spill Early Restoration.
- The breakwater installation began on June 30, 2020 and was completed by November 3, 2020.
- Plan
 - Deploy breakwaters

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Project Goals

- To reduce the rate of erosion through the reduction of wave height and energy.
- To enhance and support the benthic secondary productivity, including, but not limited to, bivalve mollusks, annelid worms, shrimp, crabs, and small forage fishes.

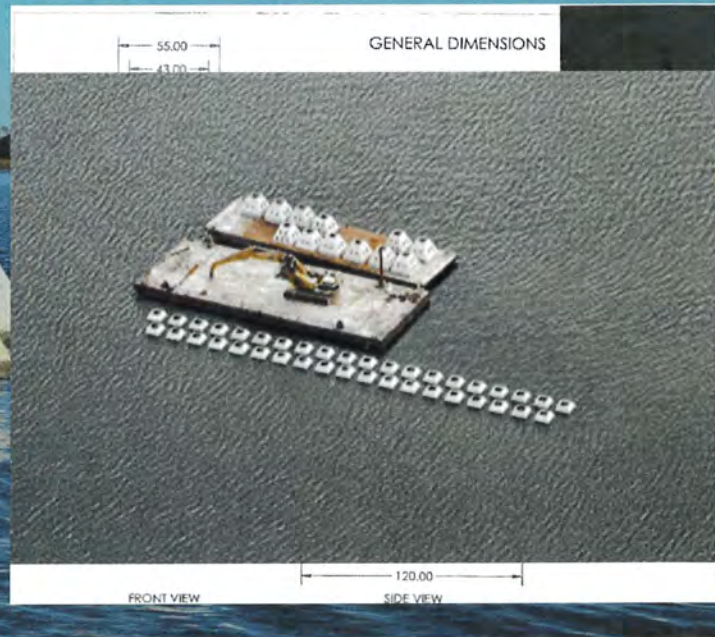


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Breakwaters

- Total project length over ¼ of a mile
- The breakwater complex is made up of 15 breakwater segments for a total of 585 Wave Attenuating Units (WAUs) (i.e., 39 WAUs per segment).

© 2022 FlyTheCoast

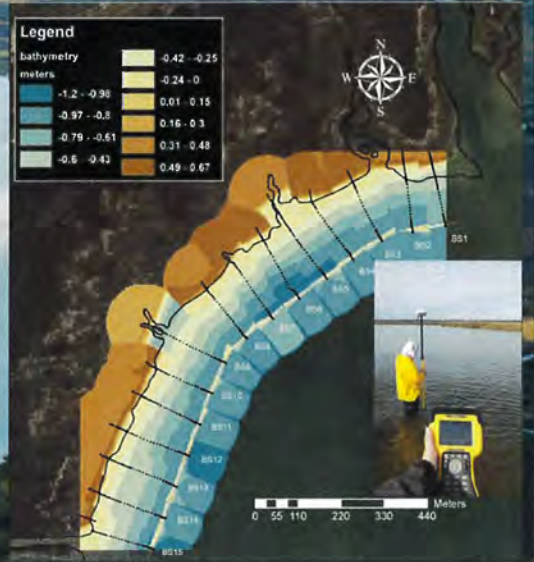


Breakwaters are a four-sided pyramid. 10' at base, six and a half feet high, and nearly five feet at the peak.

Marsh Edge Position Monitoring

The breakwaters are expected to minimize the erosion rate to protect the existing salt marsh habitat.

- Method: Conduct bathymetric/topographic survey of cross-shore profiles at the center of each breakwater segment.
- Performance: Over years 1-5, the average shoreline erosion loss is less than the calculated average loss per year in the Project Area.



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Stantec is undertaking the monitoring. Year 1 elevation and marsh edge position collected Trimble Real Time Kinematic (RTK) Rover 8 global navigation satellite system GPS receiver with real-time location corrections from a reference station located at the Dauphin Island Sea Lab coupled to a Trimble TSC2 controller unit (TSC2). This unit is capable of 0.79- 1.97 in (2-5 cm) accuracy both horizontally and vertically.

Invertebrate Monitoring

- Invertebrate Epifauna (Percent Cover and Dominant sp.)

- Epifauna averaging around 26% coverage

- Dominant - Bay Anchors

- Invertebrate Epifauna (Biomass and Dominant sp.)

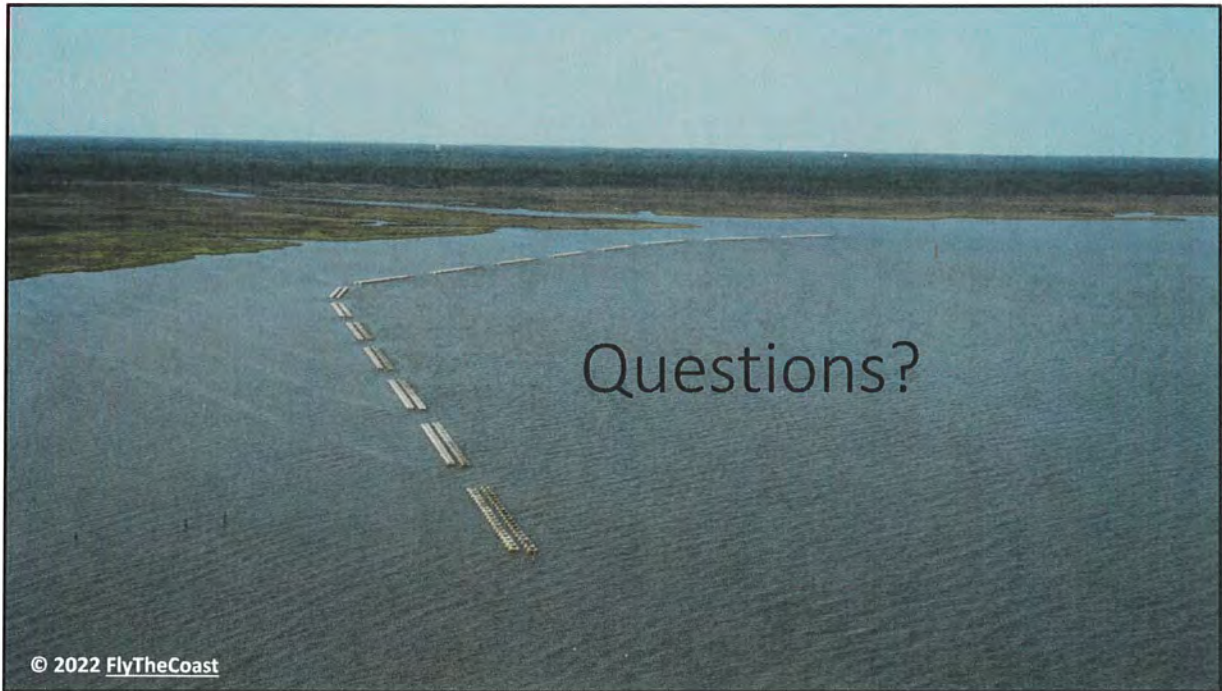
- Epifauna averaging around 1 g/m²

- Dominant - marine worms and soft bodied crabs

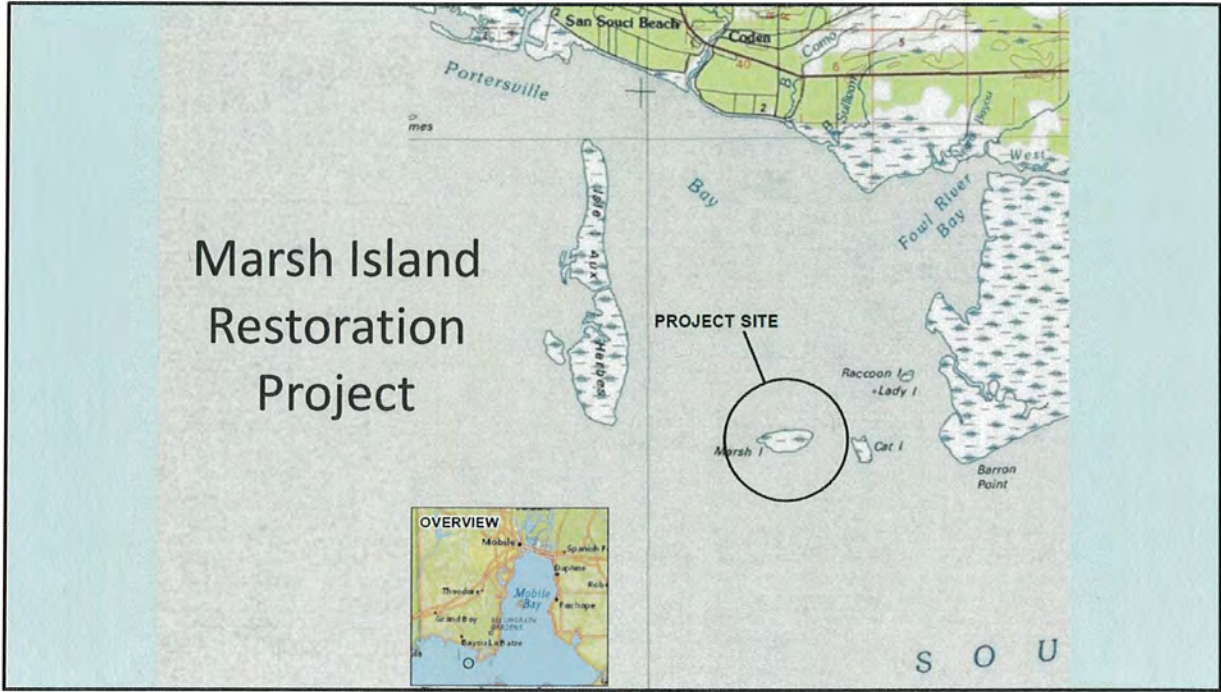




Project has performed well to date considering two storms impacting the area. Monitoring moving forward will continue to help determine success.



Good conversation on the use of geogrid to aid settlement and the various bottom materials found at different completed and planned shoreline restoration projects.



DWH-NRDA Early Restoration

History of Marsh Island

- Marsh Island is a state-owned island located in the Port of the Mississippi, a portion of the Mississippi River in south Mississippi.
- The island has lost over 100 acres of its area since 1900.

Marsh Island

Project Timeline and Plan

- Funded under the Deepwater Horizon Oil Spill Early Restoration.
- Project commenced in April 2016
- Complete in November 2017
- Plan
 - Restore marsh
 - Deploy breakwaters
 - Plant vegetation

Habitat service debits and restoration credits are typically expressed in terms of discounted service acre years (DSAYs) to account for changes over time and potential differences between the injury and restoration implementation (NOAA 2000). A DSAY is the present-value quantum of total services provided by a single acre of habitat over 1 year.

Marsh Island Project Goals

- Restore 50 acres of Salt Marsh
- Protect the remnants of Marsh Island
- Create approximately 5,000 linear feet of tidal creeks

Marsh Island

Habitat service debits and restoration credits are typically expressed in terms of discounted service acre years (DSAYs) to account for changes over time and potential differences between the injury and restoration implementation (NOAA 2000). A DSAY is the present-value quantum of total services provided by a single acre of habitat over 1 year.



Prior to restoration 25% of the current footprint remained.

The east side of the restoration has held up better because more clay was used in this area – sand on the west side. Showing some erosion and plans are to adaptively manage.

Dredge totaled 482,353 cubic yards



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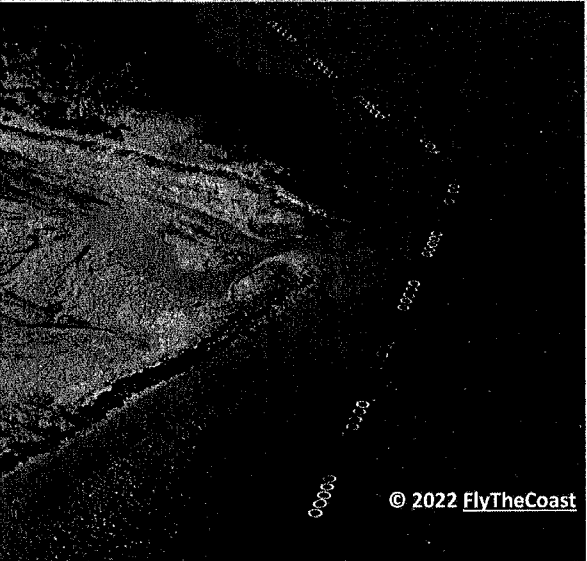
Taking Shape



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Breakwaters

- OysterBreak™
Shoreline
Protection
 - 58 breakwater
segments which
includes 928 rings
deployed



Marsh Plantings

smooth cordgrass

(62,600 smooth cordgrass)

- Planted up to +1' elevations along tidal channels

black needlerush

(184,330 black needlerush)

- Planted +1-2' elevations

saltmeadow cordgrass

(11,930 saltmeadow cordgrass)

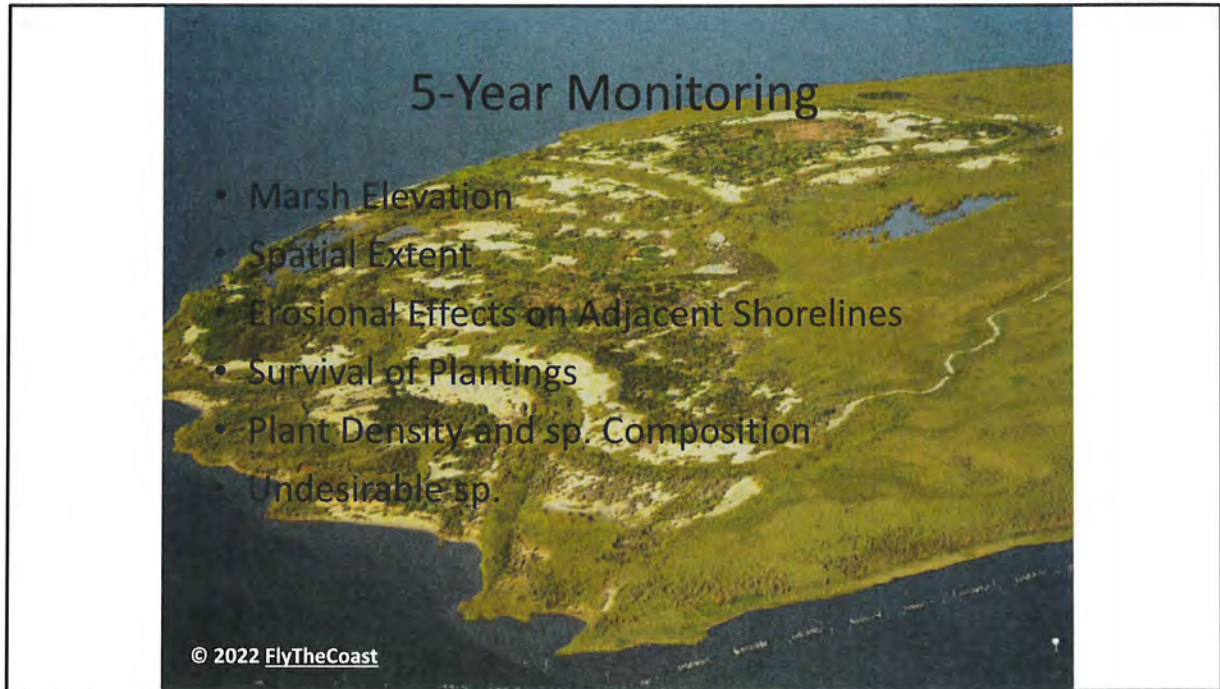
- planted +2' elevations



Seventeen vascular plant sp. noted during 2020, including shoreline sea purslane, seashore paspalum, bitter beach grass, salt grass.

Non-native – common dog fennel, oldfield broomsedge, Bermuda grass.

There was some initial mortality after planting but good results with no adaptive management needed.



Currently in last year of monitoring.



Next Steps

- Adaptive Management
 - Due to steady shoreline erosion on the west/northwest side of the island, ADCNR has selected to move forward with the development of a design to stabilize the shoreline and protect bird nesting habitat.
 - Includes:
 - Additional breakwaters
 - Addition of shell/pebble beach

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In process. Expect a design in 2023 with additional permitting needs likely.



What is causing erosion on the northwest side? Large fetch at the island and the amount of sandy material placed in the area are likely culprits. Addition of shell and pebble beach are management actions to correct.



COASTAL RESILIENCY PROGRAM

WHAT WE DO...



- LIVING SHORELINES
- WETLANDS
- BEACH AND DUNES
- BARRIER ISLANDS
- SEAWALLS
- BREAKWATERS



Ship Island Barrier Island Restoration, MS



Saltmarsh restoration, Bayou Caddy, MS

OUR PROJECTS...

MISSISSIPPI

- MsCIP - \$1.5B Auth / \$562M Current Funded Projects:
 - Forrest Heights Levee - \$20M
 - Deer Island Ecosystem Restoration - \$35M
 - Barrier Island Monitoring Plan - \$15M
- 2022 IJA MsCIP Funded Projects
 - Bayou Cumbest - \$22.7M
 - Admiral Island - \$19.4M
 - Franklin Creek - \$1.6M
 - Turkey Creek - \$6.1M
 - Dantzler - \$2.0M
 - SAV Pilot Program - \$802K
 - Beach And Dune Restoration - \$20.8M
 - Waveland Floodproofing - \$4.0M

ALABAMA

- Alabama Coastal Comprehensive Plan – \$1M
- Little Dauphin Island Restoration Study –NFWF (\$1.4M)

FLORIDA

- Panama City Beach Renourishment - \$35M
- Okaloosa CSRSM Study
- South Atlantic Coastal Study (SACS) – Regional Watershed Study managed by SAD

Working Today to Build a Better Tomorrow

David Newell with the U.S. Army Corps of Engineers provided an overview of projects in the Coastal Resiliency Program. Opportunities for beneficial use in coastal Alabama continue to increase and the Corps is very active in the Mississippi Sound, both AL and MS waters.



MOBILE HARBOR, ALABAMA

53



Description/Scope:

The GRR report examined the costs and benefits as well as the environmental impacts of modifying the dimensions of the existing Federal project within its authorized limits. The purpose of the study was to determine improvements for safety and efficiency of harbor users. Vessels are experiencing delays leaving and arriving at port facilities and inefficiencies have increased as the volume of cargo has grown and larger vessels call on the port to handle the increased cargo.

Phase 1 construction awarded 30 Sep 20 and completed 19 Oct 20. Phase 3 awarded 21 Apr 2021 (70% complete). Phase 4 scheduled for award Apr 2022. Total of 6 construction phases over four-year duration (\$366M).



MILESTONES		
Scheduled Date	Description	Actual
02-Jul-20	Receive Permit/Certifications	14-Jul-20
18-Jun-20	Executed PPA	17 Jun 20
28-Sep-20	Award Phase 1	28-Sep-20
31-Dec-20	NTP Phase 1	1-Dec-20
17-May-21	Award Phase 3	21-Apr-21
Apr 2022	Award Phase 4	

Status / Challenges / Way Ahead

Status:

- Construction fully funded in FY20 Work Plan (\$274.3M)
- Executed PPA 17 Jun 20
- Awarded Phase 1 28 Sep 20 (\$8.3M to Great Lakes Dredging) - Complete
- Awarded Phase 3 (2nd Contract) 21 Apr 21 – 70% complete
- Advertised Phase 4 on 29 Apr 22

Challenges:

- Resolution on W&T Offshore pipeline bundles #1, and #9
- Beneficial Use MOA with Mobile County, NEP, and DISL

Way Ahead:

- Resolution/Removal of pipeline bundles #1 and #9 prior to Phase 2 Commencement

Working Today to Build a Better Tomorrow

Opportunities for beneficial use in coastal Alabama continue to increase. The turning basin has a lot of suitable material for beneficial use. Time is running out if you do not have a permit and request in. Slated for DI Causeway and Deer River but may have some additional to share.

Bid closing for Phase IV closes this month.



CLAIBORNE/MILLERS FERRY L&D FISH PASSAGE, ALABAMA

54



Description/Scope:

The study will investigate fish passage opportunities at Claiborne and Millers Ferry project sites with the goal of reconnecting migratory fish species with over 230 miles of river habitat. From the TNC's 1998 Rivers of Life: Critical Watersheds for Protecting Freshwater Biodiversity - "Although at-risk freshwater species are distributed throughout the United States, two particular regions include 35 percent of all vulnerable and imperiled fish and mussel species (161 of 465 species): the Tennessee-Cumberland River basins (including Tennessee and parts of six other states) and the Mobile River basin (including most of Alabama, parts of Georgia and Mississippi, and a bit of Tennessee).



Miller's Ferry L&D



Claiborne L&D



Status / Challenges / Way Ahead

Status:

- Signed Vertical Team Alignment Memo (for AMM) submitted to SAD 21 Mar 22
- Section 1002 (90 Day) Letter submitted to Sponsor 24 Mar 22
- PDT development of Post AMM Final Array of Alternatives underway
- Draft PMP routing for comments in SAM

Challenges:

- Funded in FY22 President's Budget - \$600K

Way Ahead:

- Development of detailed tasks for project schedule continues

MILESTONES		
Date	Description	Actual
30-Nov-21	Execute FCSA	23-Nov-21 (A)
24-Feb-22	Alternatives Milestone	24-Feb-22 (A)
1-Mar-23	TSP Milestone	-
1-Sep-23	Agency Decision Milestone	-
7-Mar-24	Final Report Submittal to MSC	-
11-Nov-24	Chief's Report	-

Working Today to Build a Better Tomorrow

Unique project outside of Mississippi Sound but has ripple effect on this area. Working with TNC.

A year out from a tentatively selected plan for this area. Considering dam removal but a lot of modeling and work still to be done.



LITTLE DAUPHIN ISLAND RESTORATION ASSESSMENT

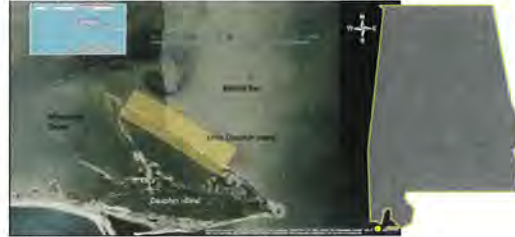
55



Description/Scope:

This is a new study funded by the National Fish and Wildlife Foundation (NFWF) from the Gulf Environmental Benefit Fund (GEBF) to evaluate ecosystem restoration options for Little Dauphin Island, make a recommendation, conduct all required environmental compliance documentation, and prepare contract plans and specifications for implementation.

Total Study Cost: \$1,424,567



MILESTONES		
Schedule Date	Description	Actual
	ASA(CW) signed MOA	11-Aug-20
23-Oct-20	Receive Funds from NFWF to Start Study	27-Oct-20
31-May-22	Identify Recommended Plan	
7-Nov-22	Final Report / Plans & Specs Complete	

Status / Challenges / Way Ahead

Status:

- Agreement was signed by NFWF and the ASA(CW) 11 Aug 20.
- Received funds to initiate the effort 27 Oct 20.
- Executed the Interagency Agreement with the USGS for sediment transport modeling support. This effort is now well underway.
- Awarded contract to conduct sediment tracer study and first round of tracers were deployed in Jul. First round sediment tracer sample collection completed in late Sep.
- Executed the modification to the scope of work to incorporate an assessment of the breach at Pass Drury. Submitted FY22 funds request on in Aug and received funds in Sep.

Challenges:


- None

Way Ahead:


- Continue to manage the PDT and ongoing study efforts.

Working Today to Build a Better Tomorrow

Pass Drury continues to require maintenance issue. Some pull to leave open and close – evaluating options to best manage this area long-term.




ALABAMA COASTAL COMPREHENSIVE PLAN

56


Description/Scope:
 The Alabama Coastal Resiliency Program is preparing a comprehensive plan to provide framework for State decision making that:

- Identifies the public's social, economic, and environmental visions (i.e., "values") for Mobile and Baldwin Counties
- Highlights existing plans and strategies that support those visions
- Identifies areas vulnerable to sea level change and coastal storms and characterizes the resilience of the area (i.e., the ability to prepare and plan for, absorb, recover from, and successfully adapt to adverse events).
- Identifies opportunities to further develop the capacity for resilience within our coastal community

Total Study Cost: \$1M



MILESTONES		
Schedule Date	Description	Actual
	MOA signed	25-Apr-14
	Interagency Agreement signed	03-Jun-14
	Phase 3 Risk and Adaptability Assessment Initiated	27-Sep-18
31-Jul-21	Draft Report Completion	
31-Aug-21	Final Report Completion	

Status / Challenges / Way Ahead

Status:

- Team is making good progress on the final web viewer. Goal is to wrap it up by the end of May.

Challenges:

- Issue with in-house resource availability has been resolved. No other challenges to report at this time.

Way Ahead:

- Wrap it up!

Working Today to Build a Better Tomorrow

The website for the ACCP will be a great resource that all partners will be able to benefit from. It is almost ready to go live.



ALABAMA BARRIER ISLAND RESTORATION ASSESSMENT

57



Description/Scope:

Collaborative effort between the USACE, USGS, and State of Alabama to investigate viable and sustainable restoration options that protect and restore the resources of Dauphin Island. Study is being funded through the NFWF Gulf Environmental Benefit Fund (i.e. the settlement funds from the BP oil spill).

Total Study Cost: \$4,197,600



MILESTONES		
Schedule Date	Description	Actual
	ASA(CW) signed MOA	30-Apr-15
	Interim Report Released to Public by ADCNR	06-Sep-17
Dec-19	Draft Report Completion	22-Jan-20
May-20	Final Report Completion	15-May-20

Status / Challenges / Way Ahead

Status:

- Released the final report on 15 May 20.
- Held a virtual public meeting on 9 Jun 20 to present the means, methods, and results of the study. Taking public comments until 26 Jun 20 and scheduled to respond to all comments by 1 Aug 20. Accepted public comments until 26 June 20 and the team prepared the final responses to all comments received. These were posted to the project website (<https://gom.usgs.gov/DauphinIsland/Reports.aspx>) on 19 August 20.
- Currently working with NFWF on a modification to the study agreement to pay for the continued storage and maintenance of all the web products for the next 10 years with the remaining money from the study (approximately \$150k).

Challenges:

- None

Way Ahead:

- Execute modification to pay for the continued storage and maintenance of the web products.

Working Today to Build a Better Tomorrow

Merging shoreline efforts with dredge work will be an avenue for low-cost beneficial material.



DEER ISLAND, MISSISSIPPI

58

Description/Scope:

The Ecosystem Restoration of Deer Island will include features that will ensure future protection of the island by extending the breakwater structure known as Katrina Key to softened the effects of normal wave erosion, extension of the southern sand beach/dune system to protect the marsh/tidal forest to the limits of the project. Overall, the project is intended to rebuild the island to its historical footprint so that the island may provide its historical hydrological, ecological and sociological benefits to the Biloxi area.

The Deer Island Ecosystem Restoration Project is located in Harrison County Mississippi at the mouth of Biloxi Bay. The island is a feature of the Mississippi Coastal Improvement Program (MsCIP) as signed by the September 12, 2009 Chief's Report and as authorized by PL 111-32 Title IV



Status / Challenges / Way Ahead

Status:

- Cultural Survey Contract awarded on Feb 15, 2022
- Topographic and Bathymetric survey completed on March 4, 2022
- Vibracores completed Jan 21, 2022. Split Spoon Sampling (SPT) scheduled for completion Mar 31, 2022
- Design Team has identified preliminary design alternatives
- Sea level rise scenarios have been identified for design and performance analysis
- Execute PPA due to NFS reasonability to perform O&M – Agreement to be in place by July 24, 2023

Challenges:

- High winds and low tides have delayed the Survey and Geotech

Way Ahead:

- Actively manage the team to ensure progress.
- Draft Agreement with DMR in 2023

MILESTONES		
Schedule Date	Description	Actual
3-Feb-21	Kick Off	3-Feb-21
6-Feb-23	VE	
14-Feb-23	65%/Design Alternatives	
23-Mar-23	100% Complete	
1-May-23	DQC	
23-Jun-23	ATR	
24-July-23	RTA	
4-Dec-23	Award	

Working Today to Build a Better Tomorrow



BAYOU CUMBEST ECOSYSTEM RESTORATION

59



Description/Scope:

The Bayou Cumbest restoration project is located in the extreme southeastern portion of Jackson County near Mississippi Sound. The area or zone where water meets land can be described in various terms – it is a buffer area, the land-water interface, or an ecotone – an area where the terrestrial ecosystem transitions into aquatic ecosystems. Critical habitats exist in this ecotone, including emergent tidal marshes, that serve as vital breeding areas, nursery grounds, and areas where much of the massive amounts of organic carbon needed to fuel aquatic food chains are produced. The project restores a total of approximately 148 acres which include 110 acres of emergent tidal marsh and 38 acres of scrub-shrub habitat. These are areas where sediments, nutrients, and even contaminants eroded from the uplands can be detained before entering the aquatic system and energy from the water, through waves, tides, and surges can be captured and mitigated before impinging upon the upland.



Milestones		
Schedule Date	Description	Actual
	Execute Design Agreement	

Status / Challenges / Way Ahead / Funding

Status:

- Execution of Design Agreement.

Challenges:

- NA

Way Ahead:

- Execute agreement. Receive funds. Design Start.

Working Today to Build a Better Tomorrow



FRANKLIN CREEK ECOSYSTEM RESTORATION



Description/Scope:

The Franklin Creek Restoration Project is located in eastern Jackson County, Mississippi near the Mississippi - Alabama state line. The project restores approximately 149 acres of degraded wet pine savanna habitat identified by the USFWS as having high value for native species.

Project fully restores direct nodal connection between coast and wet pine savanna habitat and restores historic hydrology, through removal of roadbeds and culverts; fully restores geomorphic site conditions by re-establishment of the natural hydrologic flow regime; removes current barriers to overland flows which occurred naturally prior to development; facilitates material deposition and diminishes surface erosion. The habitat ecosystem functions also support neo-tropical migrant birds that utilize the Mississippi flyway corridor.



Milestones		
Schedule Date	Description	Actual
	Execute Design Agreement	

Status / Challenges / Way Ahead / Funding

Status:

- Execution of Design Agreement.


Challenges:

- NA

Way Ahead:

- Execute agreement. Receive funds. Design Start


Working Today to Build a Better Tomorrow



COAST WIDE BEACH AND DUNE ECOSYSTEM RESTORATION

61

Description/Scope:
This project element consists of beach and dune improvements to approximately 30 miles of the 60 miles of existing beaches on the mainland coast. These improvements would include construction of 60-foot wide vegetated dune fields approximately 50 feet seaward of the existing seawalls. These beach and dune areas are critical to nesting and resting shorebirds such as the State listed least tern and the threatened piping plover. In addition to the ecological benefits, the dunes would provide incidental hurricane and storm damage risk reduction benefits particularly during smaller storm events, tropical storms, and lower energy hurricanes. In accordance with the provisions of WRDA 1986, as amended, cost sharing would be 65-percent Federal and 35-percent non-Federal. Post-implementation monitoring of this ecosystem restoration element is projected to be conducted for no more than five years.



Milestones		
Schedule Date	Description	Actual
	Execute Design Agreement	

Status / Challenges / Way Ahead / Funding

Status:

- Execution of Design Agreement.

Challenges:

- NA

Way Ahead:

- Execute agreement. Receive funds. Design Start.

Working Today to Build a Better Tomorrow

Mississippi specific.

Question: Regarding deepening and widening of the channel what percentage of that material could be used for beneficial use? Entire project is about 25M cubic yards and about 20% is the estimate for beneficial use. Around 1M cubic yards from the turning basin project is slated for two coastal projects under design and funded for construction (Deer and DI Causeway).

Breach at Drury Pass – is that temporary repair completely filling in the breach or leaving the channel? Likely to fill it entirely at this time. The natural pass wants to be there and the natural process that it provides are beneficial but also maintaining the adjacent channel has to be considered. Ultimately, it may be a compromise to get both desirables.

Corps is wanting to use material for beneficial where it makes sense and is planned properly. Where those opportunities exist, they would be happy to meet and discuss in more detail.

Check out more on the ACCP - <https://www.sam.usace.army.mil/Missions/Program-and-Project-Management/Alabama-Coastal-Comprehensive-Plan/>
MsCIP - <https://www.sam.usace.army.mil/Missions/Program-and-Project->

MS Sound Updates from The Nature Conservancy

WHAT'S HAPPENING?

- Lightning Point Update
- Coffee Island Update
- Bayou La Batre Stormwater



Aerial view of Lightning Point in May 2021
Photo by Sam St. John, FlyTheCoast.com

Mary Kate Brown with The Nature Conservancy shared an update on completed and planned activities in and around Bayou La Batre and the Mississippi Sound.



Funded through GOMESA the fishing platform is complete. Cost increases limited options, but a nice option was still constructed. Wheelchair accessible.

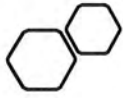
LIGHTNING POINT UPDATE: REVETMENT REPAIRS COMPLETE!

- **Shoreline Stabilization Extension** – approximately 466 LF of rock riprap revetment west of existing articulated concrete block mattress revetment.
- **ACB Mattress Stabilization** – repair erosion around existing ACB mattress revetment, place rock riprap in a perimeter trench around the existing concrete anchor slab.
- **2/7/2022 staging, 02/14/2022 Start and completed by 03/09/2022**

Photo Credits: TNC



Completed just before active tropical season in 2020. Performed well during Hurricane Zeta but the surge scoured the slope/revetment. Some adaptive management/retrofitting was recommended as a long-term solution to this susceptible area on the project.



LIGHTNING POINT UPDATE: PUBLIC ACCESS AMENITIES (almost) COMPLETE!

- **Bicentennial Sculpture**—Sculpture showcases the historical and cultural importance of Bayou La Batre's fishing community.
- **Property Bollard Installation** – Precision Restoration, LLC and Alabama Power came together to install a new property line using existing and used power poles.
- **Pavilion and Picnic Tables** – 20' x 20' pavilion built by Precision Restoration and new picnic tables installed.
- **Coming soon....** Two benches funded by PEP Mobile.

Photo Credits: Mike Dumas/TNC; Beth Thomas/AL Power



LIGHTNING POINT
RECENT
RECOGNITIONS



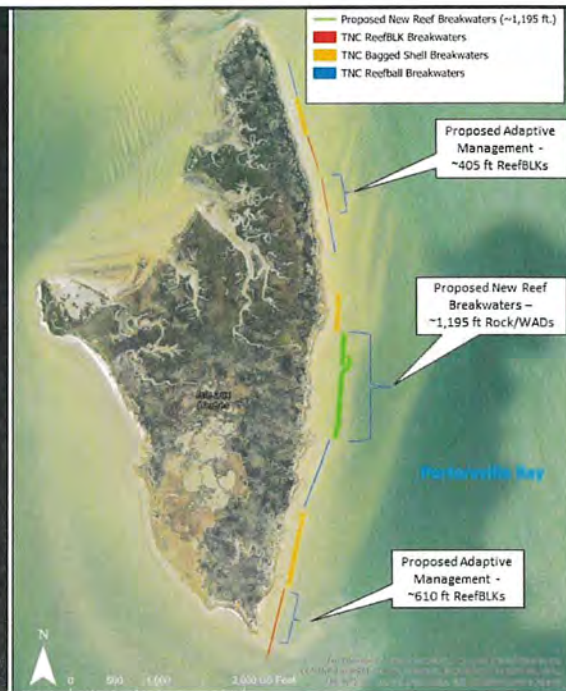
Photo Credits: Mike Dumas/TNC; Jeanne Allen/EPA

Governor visited in April 2022 to celebrate a ribbon cutting for the project (post-COVID).

Awarded an EPA 1st Place Gulf Guardian Partner Award!

Coffee Island Adaptive Management

- TNC is working with Volkert and ADCNR on implementing improvements to the Coffee Island ARRA reefs.
- Preliminary engineering and designs are complete
- Next steps: Find FUNDING and begin PERMITTING

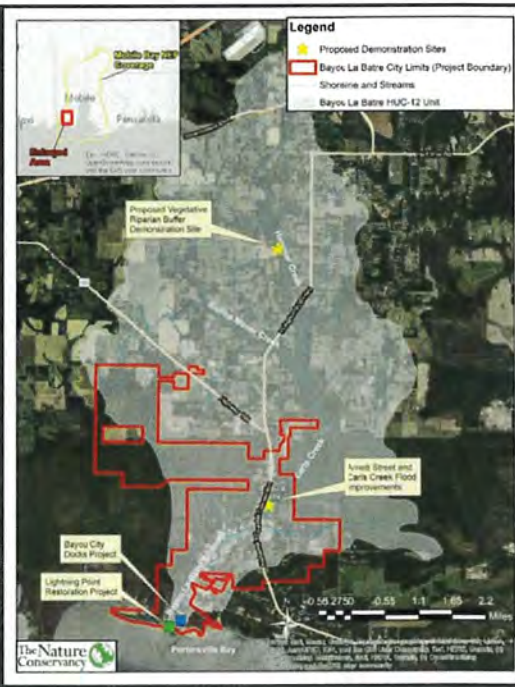


Used three different reef technologies at different heights – a pilot study of sorts.

Ten years of monitoring have produced data to support adaptive management of reef locations that need some additional help.

EPA GOM Funded Bayou La Batre Stormwater Infrastructure Mapping & Demo

- Project consists of stormwater infrastructure mapping, green infrastructure demonstration projects, water quality monitoring
- DISL and Alma Bryant HS will be conducting the WQ monitoring
- Next steps:
 - Develop RFP for Engineering Firm to assist with stormwater infrastructure mapping (ETA mid-summer or earlier)
 - Kickoff meeting with City of Bayou La Batre and key stakeholders



Just kicking off. Will release an RFP in the coming months.

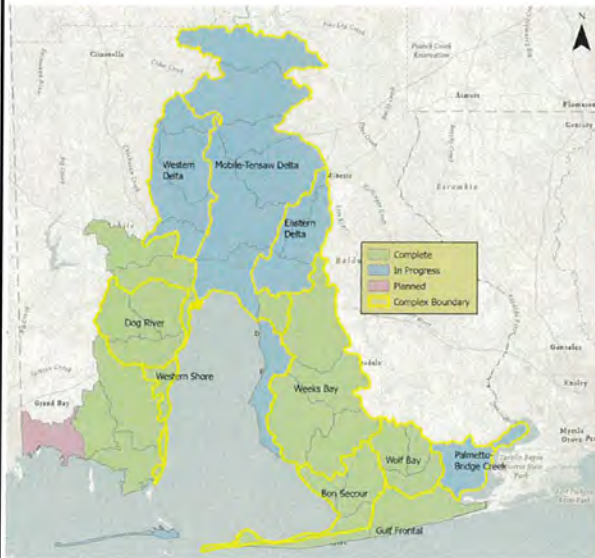


Wilson Plover have been seen in Alabama but not noted to nest here – hoping that some will begin to make a home at Lightning Point.

Questions: USA is conducting a two-year study to do some water quality monitoring for oyster activity – is that something you all are tying into with your work at Coffee Island.

Has post-construction monitoring been initiated at Lightning Point? Yes, third year in 2022 come September – DISL is doing habitat monitoring, Moffit and Nichols did first construction surveys in 2021. Can share they reports to anyone interested.

Watershed Planning Update



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

Trying to get three wrapped up this summer – as with most projects, COVID has slowed the process.

Western/Eastern Delta just getting started.

Should be able to start the final plan, Grand Bay, this year.

Lower Fish River Restoration



Project Lead:

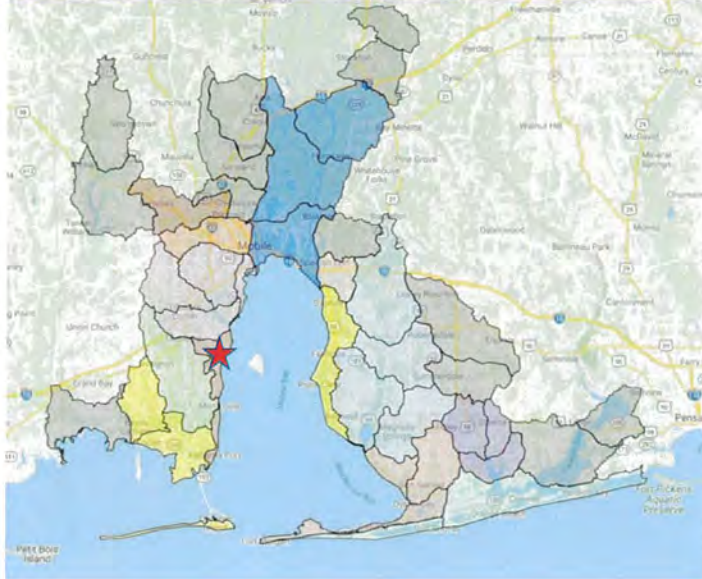
- Mobile Bay National Estuary Program

Project Funding:

- NFWF GEBF
- Marlow project ~50% complete.
- Magnolia River Watershed – E&D and landowner access underway for three projects.

- Three segments in Magnolia River under engineering and design. Working to secure landowner agreements and submit a proposal for construction funding.
- Construction at Marlow started in March.

Deer River Marsh and Shoreline Stabilization



Project Lead:

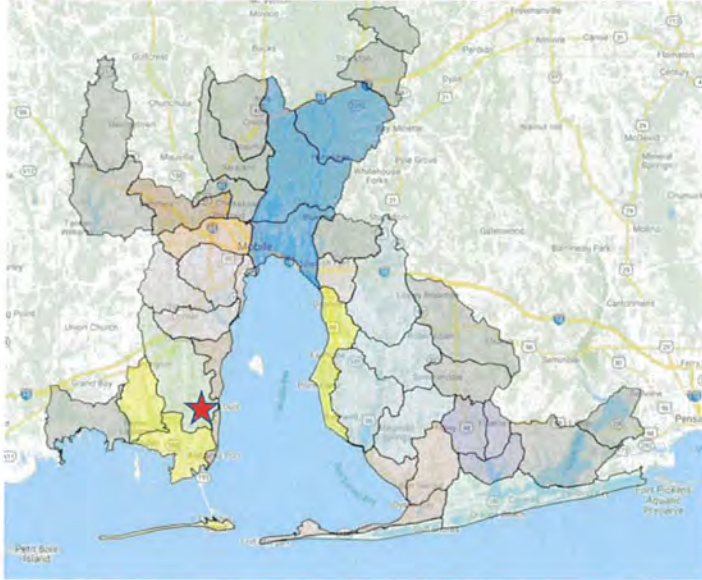
- Mobile Bay National Estuary Program

Project Funding:

- NFWF GEBF
- Additional data collection and permit modification proposed.

Waiting on permitting to come through. 60% design in hand. Shooting for winter 2022 construction permit pending.

Fowl River Spits



Project Lead:

- Mobile Bay National Estuary Program

Project Funding:

- NFWF GEBF
- Permit review
- 60% design
- Prequalification strategy

- 60% design to be delivered in April.
- Working on an outreach plan to roll out the project in the community.

D'Olive Watershed Restoration



Project Lead:

- Mobile Bay National Estuary Program

Project Funding:

- NFWF GEBF/ADEM 319
- Two projects (~1,500 LF & 272 LF)
- Canterbury construction wrapping up.
- Pine Run community meeting and landowner access.

- Working through landowner agreements and community meetings in D'Olive for Pine Run.
- Canterbury project is wrapping up. These are likely the last two NFWF GEBF funded D'Olive projects.

Project Implementation Committee Agenda



Welcome and Call to Order:

Co-Chairs: Judy Haner, The Nature Conservancy,
& Patric Harper, U.S. Fish and Wildlife Service
Review and approval of March 2022 minutes

Old Business: Management Conference Committee
Updates

New Business:

- ~~Mississippi Sound Project Updates~~
- ~~MBNEP Watershed Planning and Project Implementation Updates~~
- **Off-cycle Topical Meeting – D'Olive April 13, next destination?**
- **Next Meeting August 11**



Held a D'Olive Site Tour April 13. Committee members visited multiple sites at different stages of post-construction – topics included: causes, restoration strategies, and working with landowners. Committee will schedule another field trip after the summer heat winds down.

Motion to adjourn was made by Mary Kate Brown, seconded by Jeremiah Kolb. Meeting was adjourned at 2:48pm.



**Mobile Bay National Estuary Program Executive Committee Meeting
May 26, 2022
10:00-12:00 noon**

International Trade Center, Killian Room
Hybrid- Zoom Meeting

AGENDA

Meeting Objectives

- a) Present Status of Activities
 - b) CCMP Re-write Process
 - c) Approval of 2022-2023 Workplan
1. Introductions/Call to Order/Welcome
 2. Approval of Minutes March 15, 2022
 3. Director's Report
 - a) Presentation of Status of Activities 3/31/2022
 - b) Getting to a new CCMP- Timeline and planned activities
 4. Committee Reports-
 - a) Science Advisory
 - b) Project Implementation
 - c) Government Networks
 - d) Community Action
 - e) Business Resources
 - a) Finance- VOTE: 2022 Workplan
 5. Old Business
 6. New Business
 7. Other/Announcements
 8. Adjourn

Mobile Bay National Estuary Program Executive Committee Meeting
International Trade Center, Killian Room / Zoom Virtual Meeting
Thursday, May 26, 2022, 10:00 a.m. – 12:00 noon

Attendees:

Judy Adams, Alabama State Port Authority	Maggie Oliver for John Driscoll, Alabama State Port Authority
Scott Bannon, ADCNR Marine Resources	Bill Puckett, Alabama Soil & Water Conservation Committee
Leslie Gahagan, City of Foley	Elizabeth Roney, Congressman Jerry Carl's Office
Patric Harper, U.S. Fish & Wildlife	Beth Thomas, Alabama Power Company
Helene Hassell, DISL Foundation	Billie Jo Underwood, Baldwin County Commission
Amy Hunter, ADCNR RESTORE	John Valentine, Dauphin Island Sea Lab
Patti McCurdy, ADCNR State Lands	
Justin McDonald, U.S. Army Corps of Engineers	
Eliska Morgan, Thompson Engineering	

Zoom Attendees:

Greg Dansby for Ben Malone, USDA-NRCS	LaDon Swann, Mississippi-Alabama Sea Grant Consortium
Mimi Fearn, Dog River Clearwater Revival	
Chris Plymale, U.S. EPA Region 4	

MBNEP Staff Present: *Roberta Swann, Christian Miller, Jason Kudulis, Tiffany England, Kelley Barfoot, Madison Blanchard, Henry Perkins, Marti Messick, Melissa Partyka, and Bethany Hudson*

1. **Introductions/Call to Order:** Ms. Swann asked for a quick round of introductions, starting with the people on the Zoom call.
2. **Approval of Minutes:** Patti McCurdy, filling in for Commissioner Blankenship, asked for comments or revisions to the minutes from the March 15, 2022 meeting. Hearing no remarks, Helene Hassell made a motion to approve, and Bill Puckett seconded the motion.
3. **Director's Report**
 - a) **Fiscal Impact Analysis:** A fiscal analysis of Dauphin Island has been completed. The project was done to support the Dauphin Island Watershed Management Plan (WMP), using EPA dollars. The key recommendation to come out of this analysis is to help the Town of Dauphin Island in the future to categorize costs and revenues to better understand the distribution of recovery costs across the island for future decision support related to potential property assessments. There weren't many recommendations for stormwater issues.
 - b) **Coastal Zone Act Reauthorization Amendment (CZARA):** MBNEP, with ADCNR have been working on getting a packet together for the approval of the Coastal Zone Act Reauthorization Amendment for the State. This is important so we don't lose out on availability of Section 319 non-point source funding, which is a major funding source. We are about 90% complete.
 - c) **Bays and Bayous:** The Bays and Bayous Symposium will be in Alabama for 2022, to be held at the Mobile Convention Center. The date is January 23-25, 2023 due to COVID delays. We have all the committees formed, a theme (Finding Balance: Ecology, Economy, and Community), and are currently working on sponsorships.
 - d) **CCMP Rewrite:** We need the approval of the one-year action plan related to the fifth year of implementing our CCMP. We are authorized under Section 320 of the Clean Water Act and with our reauthorization there were some changes as one of which was to do a five-year CCMP. MBNEP is proposing a complete re-write of the current CCMP because we have done so much watershed planning and implementation of those plans. There are a lot of new tools to help us plan for the next five-year period, like the U.S. Army Corps of Engineers' ACCP. We have already started discussions with the SAC.

The budget for the CCMP re-write consists of \$50,000 of EPA dollars which we had budgeted for the Fisheries Fund that was freed up by Alabama Power awarding us the \$50,000 for that program, \$60,000 was left over from Professional Services, and \$50,589 remaining from our Coastal Monitoring fund that was not expended. The components to the CCMP re-write are Community Input, CCMP Implementation Assessment, Environmental Stressor Assessment/Data Development, and Management Conference Engagement and Strategy Development.

- e) **Year 5 Budget Approval:** Our Year 5 budget was sent out to the committee beforehand. Our EPA allocation is \$750,000, we've budget \$490,100 in Match, and have an \$8,000 surplus from previous years. Budget lines are Coastal Monitoring, Citizen Volunteer Monitoring kits, Video Production, *Current Connection* Newsletter, *Create a Clean Water Future* Campaign, Special Events and Educational Promotional Materials, Management Conference meetings, Program Management, and \$150,000 towards the CCMP re-write. Dr. Amy Hunter motion to approve, Helene Hassell seconded. Hearing all ayes and no objections, the Year 5 Budget is approved.

4. Committee Reports (MBNEP Management Conference Co-Chairs)

Science Advisory Committee

Dr. Amy Hunter reported on recent ADCNR restoration dollars. The Governor's Restoration Summit in Spanish Fort May 19, where she announced the 12 projects that will be the first slate of water quality projects. There were \$216 million worth of requests for only \$35 million worth of funding. These are some of the approved projects mentioned: City of Fairhope- sanitary sewer overflow mitigation project; The University of South Alabama- Three Mile Creek headwater improvements that looks at sediment reduction in several places on campus; USA/DISL- coastal Alabama water quality and sediment baseline monitoring; City of Saraland- sanitary sewer inflow and infiltration project; Town of Dauphin Island- stormwater management and drainage improvements; Town of Loxley- Corn Branch tributary restoration; and Grand Bay- a septic to sewer project. To view a storyboard of all Alabama's Deepwater Horizon Restoration Projects please visit <https://www.outdooralabama.com/alabama-coastal-restoration-project-map>. Federal GOMESA funding had over \$40 million in State disbursement, but this year it's only \$27 million.

Dr. Hunter then reported on SAC's May 20 meeting held as hybrid with majority of participants engaging virtually. At the February meeting SAC members engaged in an exercise to help prioritize future monitoring of habitats, ecosystem services, stressors that were highlighted in the current CCMP. Results of that activity were discussed along with additional priorities based on stressor matrix and WMPs. There was an open discussion about approaches for the SAC to look into watershed management plans and help to prioritize/synthesize monitoring approaches. In the coming months the SAC will work out approaches for members to contribute toward targeted approaches for the 2023-2028 CCMP Update.

Project Implementation Committee

Patric Harper discussed the May 19 PIC meeting, which was all virtual. The PIC continued watershed specific themed agendas to drill down. Mississippi Sound was most recent. Members visited a D'Olive stream restoration project in April and another trip is being planned for later in 2022, perhaps in Orange Beach to learn more about their marine debris activities.

Next, MBNEP staff Christian Miller gave updates on watershed planning. Western Shore, Gulf Frontal, and the D'Olive Update are all complete. MTA Delta, Eastern Shore, and Dauphin Island plans will be completed in June and July. Western Perdido, Western Delta, and Eastern Delta plans are newly started. Grand Bay will be the last plan of this RESTORE-funded group. The Eastern Shore WMP team hosted a meeting on May 25 to inform the management measures that are coming out of the plan, mostly prioritized for stormwater restoration work. The Western Perdido team will be having a community meeting soon.

Mr. Kudulis gave an update on restoration projects. D'Olive's Pine Run restoration project team will be hosting a community meeting for Timber Creek property owners soon. Canterbury construction is wrapping up by the end of the month. Three streams in Lower Fish River are now under engineering and design and

working on landowner access. Marlow construction is about 50% complete and the team is working with Baldwin County to close Etta Smith Road, which has been a traffic and safety hazard. Fowl River Spits 60% design and permitting are ongoing and construction is to begin over the winter. In Deer River we are conducting supplemental field work to inform additional restoration alternatives.

Government Networks Committee

Commissioner Underwood presented on the GNC, who's meeting was the Friday before today's EXC meeting. Ashley Forwood, Justin McDonald, and David Newell with the U.S. Army Corps of Engineers reviewed the Alabama Coastal Comprehensive Plan. This proactive and stakeholder-driven planning tool was commissioned by the Alabama Department of Conservation and Natural Resources with the objective of facilitating a greater understanding of the dynamic social, environmental, and economic landscapes that comprise the communities of coastal Alabama.

John Carlton reviewed the recently updated South Alabama Regulatory Review. This product is a comprehensive review of Federal, State, County and municipal ordinances and regulations related to stormwater management, natural resources protection, and coastal issues including shoreline protection. This latest update also reviewed trash/litter/recycling ordinances and enforcement mechanisms. This product has been a valuable resource for local county and municipal planners working to address local stormwater and natural resource protection issues.

Community Action Committee

Leslie Gahagan reported on the CAC. The committee met in February with and talked a lot about retaining memberships and organizations for the committee to stay relevant and active. There was a meeting planned for May 10 that was supposed to get all the grassroots monitoring efforts together to discuss using members' monitoring data. This is a regular topic because there's been a lot of interest in getting trained- over 40 monitors. The CAC wants to start working on getting members to take on some of these sites that have been abandoned in the past.

Business Resources Committee

Eliska Morgan reported on the March 18, 2022 BRC meeting. The Coastal Alabama Fisheries Fund has been very successful, with six applications in review, and should have all the money loaned out soon. There was an informational Oyster Farmers & Catchers meeting held in March, which had 60 attendees. Henry Perkins has also conducted 2 business development sessions in Bayou la Batre. The OystersAlabama.com site has been growing with visitors nearly doubling monthly. Mr. Perkins receives several emails a week from people who've visited the site and are interested in buying oysters. Members will be meeting with Sweet Grown Alabama to see about some sort of partnership. A Cause to Clean was a clean-up event on the causeway on May 14th. Organized with PEP and TC Boiler, businesses were invited to come pick up trash between the Austal traffic light and Felix's. With 70 volunteers from 17 businesses, 100+ 55-gallon bags of trash and 30 tires were picked up. An Alternative Packaging subcommittee has met a couple times. The subcommittee is talking to restaurants, manufacturers, and other non-profits working on this issue, and developing a strategy to try and change use practices long-term in target areas, starting in Baldwin County.

Finance Committee

Roberta Swann and Helene Hassell reported on the Finance Committee. The May FC meeting is being rescheduled due to scheduling conflicts. Ms. Swann discussed a Memorandum of Understanding (MOU) the MBNEP has been working on with Baldwin County that the FC will meet to discuss at their next meeting. The MOA will further solidify the relationship between MBNEP and our local governments who have supported us with Match dollars over the years. The document lays out the responsibility of the county or the local government, what they can expect from the MBNEP, and clarifies our relationship and why they're investing in our program.

5. Old Business

6. New Business

- Leslie Gahagan announced a community cleanup Memorial Day weekend in the Mills community, which is in the Magnolia River watershed.
- Commissioner Underwood spoke about Baldwin County and plans for a fully integrated low-carbon recycling and rolling plant. Novelis Incorporated, which is a world leader in aluminum recycling, plans to create a 3,000-acre mega-site in Bay Minette.
- Ms. Swann relayed that there will probably be an off-cycle Executive Committee meeting once the Infrastructure Workplan is complete so it can be approved. We are waiting on final guidance from EPA to complete the draft workplan.

7. Other / Announcements

The next meetings will be August 26, and December 2.

The meeting adjourned at 11:06 a.m.



**Mobile Bay National Estuary Program
Government Networks Committee
May 26, 8:00 am – 9:30 am**



**Killian Room, International Trade Building
250 N. Water Street, Mobile, AL**

Agenda

Meeting Objectives:

- a) Provide status of NFWF GEBF & RESTORE funding
- b) Overview of the Alabama Coastal Comprehensive Plan
- c) Review findings of South Alabama Stormwater Regulatory Update

1. Welcome and Introductions

GNC Co-Chairs:

Commissioner Billie Jo Underwood, Baldwin County

2. Review and Approval of Minutes

3. Old Business

- a) NFWF GEBF/RESTORE Update – Amy Hunter, ADCNR
- b) Watershed Planning Update – Christian Miller, MBNEP

4. New Business

- a) Alabama Coastal Comprehensive Plan – David Newell, US Army Corps of Engineers
- b) South Alabama Regulatory Update – John Carlton

5. Adjourn

Minutes

In attendance: Joseph Abston, Washington County Commission; **Billie Jo Underwood, Baldwin County Commission;** Merceria Ludgood, Mobile County Commission; William Puckett, Alabama Soil & Water Conservation Committee; Scott Bannon, ADCNR-MRD; Jeff Collier, Town of Dauphin Island; Amy Hunter, ADCNR; Chris Thomas, EPA Region 4; Patty McCurdy, ADCNR-State Lands; Amy Hunter, ADCNR; Diane Burnett, SARPC; Mike McMillan, City of Spanish Fort; Casey Rains, City of Spanish Fort; Casi Callaway, City of Mobile; Leslie Gahagan, City of Foley; Judith Adams, Alabama State Port Authority, Justin McDonald, US Army Corps of Engineers; Dan Bond, City of Gulf Shores; Matthew Jones, Mobile County; Clair Dorrough, City of Bay Minette; Kim Burmeister, City of Fairhope; Elizabeth Roney, Office of Rep. Jerry Carl; Veronica Hudson, City of Saraland; Nicole Taylor, SARPC; Mike Sharp, NFWF; John Carlton; Newton Cromer, Saraland City Council; Rickey Rhodes, SARPC; Margie Wilcox, AL House of Representatives; Mary Brown, City of Creola; Don Nelson, City of Creola; Ralph Helmich, City of Foley; Tina Sanchez, Mobile County; Skip Gruber, Baldwin County Commission; Taylor Buffkin, Baldwin County Commission; Jerry Carl, US House of Representatives; Chris Plymale, EPA Region 4; Gail Ambrose, City of Prichard; Meredith LaDart, USACE; David Newell, USACE; Ashley Forwood, USACE

Staff: Roberta Swann, Bethany Hudson, Marti Messick, Christian Miller

Takeaways

- The Alabama Coastal Comprehensive Plan is a stakeholder driven planning tool that will aid in creating more resilient communities, economies, and natural systems in Coastal Alabama.
- The recently updated South Alabama Regulatory Review provided additional information on stormwater and litter regulations and is being utilized by many municipalities to inform modifications to their regulatory structure.
- The State recently awarded 12 projects under the RESTORE-funded water quality program. Additional funding will soon be made available through GOMESA to fund additional water quality/habitat conservation and restoration projects.

The meeting was called to order at 8:05 A.M.

Commissioner Ludgood asked for a motion to approve the minutes which was made by Mr. Puckett and seconded by Mr. Cromer.

Next, Christian gave an update on coastal watershed planning

- Completed: Western Shore, Gulf Frontal, and D'Olive Update
- In Progress: MTA Delta, Eastern Shore, Dauphin Island,
 - These should all be wrapping up sometime this summer
 - A stakeholder workshop was recently held for the Eastern Shore plan and provided some good information for prioritizing management measures that will help in defining the recommendations and implementation strategies.
 - Dr. Alex Bebe, a Geologist at USA, is wrapping up some work in the Little Lagoon area looking at nutrients in groundwater. This study will help inform the ongoing discussion regarding the expansion of the wastewater treatment plant.
- Just getting underway: Perdido, Western Delta, Eastern Delta
- Remaining: Grand Bay
 - Initial conversations have been held with the State of Mississippi regarding partnering on this effort.
- For updates on watershed planning visit the MBNEP website:
<https://www.mobilebaynep.com/watersheds>

Next, David Newell and Ashley Forwood with the US Army Corps of Engineers provided an overview of the Alabama Coastal Comprehensive Plan (ACCP).

- The ACCP is proactive and stakeholder-driven planning tool designed to facilitate a greater

understanding of the dynamic **social, environmental, and economic** landscapes of the Coastal Alabama community.

- The State and its partners work with stakeholders to determine where opportunities exist to make improvements across multiple community sectors in support of our Coastal Alabama values.
- Tabs on the Home Page represent the 8 value areas identified in collaboration with partners and stakeholders.
- The “**About**” tab outlines the ACCP’s goals and objectives, objectives for the ACCP include:
 - Identifying the public’s social, economic, and environmental visions for Coastal AL
 - Highlight existing plans that support those visions
 - Identify vulnerabilities
 - Uncover opportunities for resilience
- The “**Public Involvement**” section houses stakeholder comments that were categorized into the afore mentioned value areas.
- The “**Overview**” page explains that the public comments came out of 17 meetings where individuals documented on a map what they considered important to Coastal Alabama today, in 10 years, 25 years, and 50 years. Meeting minutes can also be accessed from this Overview page.
- Public comments were placed on a map and be broken out by category, or value area, to further refine the search criteria.
- The map viewer can zoom in and around the dynamic map to choose specific locations to review comments.
- The “**Plan Documents**” tab contains an updated list of comprehensive watershed management plans for the areas within the ACCP. This list can be searched and filtered based on value criteria.
- The “**Storm Surge**” tab includes three maps that simulate average storm surge flooding scenarios for 50-year, 100-year, and 500-year storm events. Within each “**Year Event**” tab are three simulation maps, separated by current conditions, ½ meter sea level rise, and 1 meter sea level rise.
- the “**All Events**” tab overlays the three events for an easier comparison, and the viewer can interact with this map and see more information by clicking on a specific point in the map. The “**Advanced**” tab allows the viewer to alter the visibility of each data later.
- The “**About the Data**” tab allows the user to download the data and provides other resources.
- the “**Cultural Sites**” layer illustrates counts of potentially impacted cultural sites by storm surge event. Like the “**Storm Surge**” tab, this illustration is broken up by tabs labeled 50-, 100-, and 500-Year Flood Events, and within each of those, the current data is compared to ½ meter and 1 meter sea level rise data.
- the “**Habitat**” tab shows where Oyster Suitability and Wetland Succession were prioritized.
- The Oyster Habitat Suitability (HSI) layers mimic how sea level rise and increased salinity may change the quality and extent of suitable habitat. This information will inform resource managers and other viewers about the location of oyster habitats over time and under different conditions - from highly suitable to potentially unfavorable.
- “**The Data**” tab is where the viewer can find and download the ArcGIS layer information.
- Still under the “**Habitat**” tab at the top, the “**Wetland Succession**” information is set up similarly to the Oyster Suitability section. First there’s an overview of the layers, which were created to show how sea level rise and increased salinity may affect wetland extent, classification, and species composition in each area. The Map, or “**Wetland Succession Tool**”, visually specifies how and where some of these sea level changes may occur, although this tool is undergoing some construction at this time. Like the previous layer, “**The Data**” tab shows this Wetland Succession ArcGIS layer.
- The “**Structure Risk**” tab displays a comparison of structural damage in dollars based on different storm events and conditions. They are displayed for the 10-Year, 50-Year, and 100-Year flood events, with flood damage dollars and impacted structures calculating as the viewer explores the map. You’re looking at a comparison of the 10-year event here.
- The “**Transportation**” tab displays the total counts and amounts of transportation features by Census Tracts under current and future sea level rise scenarios. Below the map impacted transportation features are calculated and updated as the viewer moves around the map.

- The “**Wastewater**” tab is included to show the count of wastewater infrastructure potentially impacted in the selected simulation scenario. Like other area tabs, the indicators under the map calculate and update the data pulled from the current view of the map.
- the Watershed Management Plan Projects includes a compiled list, shown geospatially, of recommendations that have come from completed water management plans. They’re able to be filtered by watershed, project type, and by other criteria, or by zooming into the map. Clicking on “More Info” button will take you directly to the link associated with the plan you’re interested in.
- The ACCP can be accessed here: <https://www.sam.usace.army.mil/Missions/Program-and-Project-Management/Alabama-Coastal-Comprehensive-Plan/>

Next, John Carlton discussed the South Alabama Regulatory Update

- This project reviewed and updated the 2018 regulatory review.
- Both reviews covered the 27 jurisdictions in Mobile and Baldwin counties and a regulatory matrix was prepared for each county
- A garbage and trash survey was added for the 2021 update due to requests for this information from municipal and county partners
- Regulatory areas of interest were consistent between surveys and consisted of:
 - Construction-phase BMPs
 - Post construction stormwater management
 - Coastal area resource protection
 - Low impact design
 - Shoreline structures and stabilization
- This product will be required to be updated on a routine basis due to the nature of these regulations being constantly reviewed, modified, and amended.
- Notable State regulatory changes:
 - ADEM updated the NPDES construction general permit (ALR10) in March of 2021 – however there was no impact to the specific regulatory areas of interest of this report.
 - The State of Alabama enacted Senate Bill 107 - amends several sections of the local government enabling statutes and effectively limits a municipality’s permitting and code enforcement jurisdiction to its corporate limits, thereby returning permitting of land development in any ETJ to the county.

Mobile Bay National Estuary Program
South Alabama Stormwater Regulatory Update September 2021

• **2021 Summary of Stormwater Regulatory Responses by Local Governments**

Regulatory Category	Baldwin		Mobile	
	Yes	No	Yes	No
Construction Phase BMPs regulations	14	1	8	4
Post Construction Phase SW Management regulations	14	1	11	1
Coastal Resource Protection regulations	8	7	4	8
LID regulations	7	8	5	7
Shoreline Protection regulations	4	11	0	12
MS4 Permit Coverage	4	11	6	6

• **2021 Summary of Garbage/Trash/Litter Responses by Local Governments**

Category	Baldwin		Mobile	
	Yes	No/NR	Yes	No/NR
Routine Garbage Collection Program	15	0	9	3
Routine Trash/Bulky Collection Program	15	0	8	4
Litter Ordinance	10	5	10	2
Anti-Litter Program	9	6	9	3
Recycling Program	7	8	5	7

• **Quick Summary of Stormwater Regulation Changes**

Category	2018	2021
Construction BMPs	23	23
Post Construction	22	25
Coastal Resource Protection	12	14
LID	8	13
Shoreline Protection	4	4
MS4 Coverage	10	10

- A lot of the municipalities in Baldwin County require citizens to participate in the County's trash program. There is no similar program in Mobile County.
- A significant increase in communities that at least reference LID in regulations, although the number of communities that require LID is still relatively low.
- This resource has been very beneficial to county and municipal staff as they look to modify/upgrade regulations to see what other similar municipalities are requiring.
- The regulatory review can be accessed here: https://www.mobilebaynep.com/assets/pdf/Final-South-AL-Stormwater-Regulatory-Review-Update_w-appendicies.pdf

Next, Amy Hunter and Patty McCurdy gave an ADCNR update

- The Governor's Restoration Summit was held last week in Spanish Fort and first round of water quality projects were announced
- The latest round of projects for NFWF GEBF have received requests for full proposals, including Wolf Creek/Sandy Creek restorations in Foley, Lower Fish River restoration (including Magnolia River) for MBNEP, East end of Dauphin Island. These are funding construction of previous awarded E&D projects.
- RESTORE: currently in the process of adding additional funding to projects already awarded due to cost increases
- RESTORE funded water quality projects – funding awarded to 12 projects:
 - City of Fairhope Sanitary Sewer Overflow Mitigation Project
 - City of Fairhope Storm Water Infrastructure Inventory
 - Town of Loxley Corn Branch Tributary Restoration
 - Baldwin County Red Gully Stream Bank Stabilization
 - City of Orange Beach Stormwater Master Plan
 - University of South Alabama Coastal Alabama Water Quality and Sediment Baseline Monitoring
 - University of South Alabama Three Mile Creek Headwater Improvements
 - City of Saraland Norton Creek Sanitary Sewer Inflow and Infiltration Project
 - Town of Dauphin Island Stormwater Masterplan and Drainage Improvements
 - City of Bayou La Batre North System Sewer Improvements (septic to sewer)
 - Grand Bay Sewer Service (septic to sewer)
 - Dauphin Island Water and Sewer Authority Sewer Collection System Improvements
- GOMESA funding information has been received from the Feds. This Federal program established revenue sharing among the States that participate in offshore oil and gas extraction.
- Funding for this year is \$27 million dollars and the State will likely choose among previously submitted projects rather than having another request for proposals.

Meeting adjourned at 9:05



**Mobile Bay National Estuary Program
Government Networks Committee
August 26, 8:00 am – 9:30 am**



**Spanish Fort City Hall
7361 Spanish Fort Blvd.
Spanish Fort, AL 36527**

Agenda

Meeting Objectives:

- a) Provide status of NFWF GEBF & RESTORE funding
- b) Review municipal challenges and lessons learned related to growth & development in Coastal AL

1. Welcome and Introductions

GNC Co-Chairs:

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

2. Review and Approval of Minutes

3. Old Business

- a) NFWF GEBF/RESTORE Update – Amy Hunter, ADCNR

4. New Business

- a) Planning for and Managing Growth in Coastal Alabama
 - i. Mike McMillan, City of Spanish Fort
 - ii. Brendan Schwandner, City of Saraland
 - iii. Shayla Beaco, City of Mobile
 - iv. Leslie Gahagan, City of Foley
 - v. Jeff Collier, Town of Dauphin Island
 - vi. Dan Bond, City of Gulf Shores

5. Adjourn

Minutes

In attendance: Joseph Abston, Washington County Commission; Billie Jo Underwood, Baldwin County Commission; William Puckett, Alabama Soil & Water Conservation Committee; Jeff Collier, Town of Dauphin Island; Amy Hunter, ADCNR; Chris Thomas, EPA Region 4; Patty McCurdy, ADCNR-State Lands; Amy Hunter, ADCNR; Cade Alred, SARPC; Mike McMillan, City of Spanish Fort; Leslie Gahagan, City of Foley; Elizabeth Roney, Office of Rep. Jerry Carl; Nicole Taylor, SARPC; Newton Cromer, Saraland City Council; Margie Wilcox, AL House of Representatives; Skip Gruber, Baldwin County Commission; Ossia Edwards, City of Prichard; Stephani Johnson-Norwood, City of Prichard; Matt Anderson, City of Mobile; Chris Blankenship, ADCNR; Matthew Brown, Baldwin County; Jennifer Fiddler, candidate AL House of Representatives; Scott Hughes, ADEM; Patti McCurdy, ADCNR; Matt Simpson, AL House of Representatives; Pete Riehm, candidate AL State Senate, Bert Hoffman, City of Mobile; Shayla Jones Beaco, City of Mobile; Brendan Schwander, City of Saraland

Staff: Roberta Swann, Bethany Hudson, Marti Messick, Christian Miller

Takeaways

- There have been many water-quality related projects submitted to the State for funding, which will continue to be addressed through RESTORE, GOMESA, and other sources of funding.
- Across coastal Alabama, communities are dealing with the challenges associated with growth and development. MBNEP should continue to lead efforts to increase the capacity of local governments to manage this growth and educate coastal communities on the importance of managing growth and balancing natural resource protection in order to increase resilience.

The meeting was called to order at 8:05 and a motion was made by Newton Cromer to accept the minutes from the previous meeting and seconded by Mike McMillan.

Amy Hunter gave an update on

- Buckets 1 & 3 – many of the projects are now moving to construction. Budget issues are common with cost increases across the board
- Bucket 5 (Center of Excellence) the first round of research grants has been awarded and should be getting underway soon as contracts are finalized.
- Bucket 2 (water quality) The first group of projects have been announced. Currently finalizing work plans.
- Build America/buy America is going to create some challenges with these projects that will need to be worked through as we move forward.
- NFWF projects currently under way include Graveline Bay, Dauphin Island east end beach, Mobile Bay Causeway restoration.
- The State has received their annual funding under GOMESA based on oil and gas production. There has been a significant decrease this year from \$40 million to \$25 million and there is concern that this may be a trend. The Gov has decided not to put out a request for new proposals due to the backlog of projects still on the books. The majority of this year's funding will go to water quality projects. If you had a project submittal under the State's water quality program it will be considered for GOMESA funding this year.

The remaining portion of the program was dedicated to discussion of challenges that coastal communities are facing due to pressures from increasing growth and development. We heard from six communities today who were charged with framing their presentation around the following questions:

- What are the main challenges your community is facing?
- Have you implemented any new regs/ordinances to help address these challenges?
- What lessons have you learned?
- How can the MBNEP/GNC help you address these challenges moving forward?

Mayor McMillian, Mayor – City of Spanish Fort

- The main challenges the community faces related to growth include stormwater, increased traffic, aging infrastructure, utilities, and schools.
- Stormwater is the primary challenge the City deals with due to the unique topography and amount of rain it is a constant need to address issues related to stormwater management.
- A lot of the roads were built prior to the City being incorporated so they don't meet current standards.
- Passed a comprehensive clean water ordinance which increased enforcement capabilities. Subdivision regulations were revised in 2016 and are frequently updated/amended as new issues arise.
- Every situations are unique, and should be assessed individually. The best way to handle it is to identify and address the problem as early as possible.
- The NEP's GNC meetings are very valuable. It allows us to hear from and interact with others around the coast and see how similar issues are being addressed in other communities.

Brenden Schwander, Planner - City of Saraland

- There are two major economic centers in the City, the older along the Hwy 43 corridor while a newer one has emerged along the Industrial Pkwy/I-65 intersection. Hwy 43 has historically been the main economic hub for the City.
- The Industrial Pkwy area is growing rapidly with lots of new retail, increasing traffic volume significantly. Hwy 43 has seen much slower growth.
- Main challenges include
 - A desire to promote positive development along Hwy 43
 - Sustain positive development along Industrial Pkwy
 - Sustain residential development throughout Saraland
- The City is looking for grants to improve the lighting and utilities along Hwy 43 to improve the aesthetic and increase development along that corridor.
- The City's land use ordinance has been modified to allow more control over what can be developed and where.
- Development has created challenges and stormwater is a primary concern to consider as development continues.

Shayla Jones Beaco, Executive Director, Build Mobile – City of Mobile

- The City has recently passed an updated Unified Development Code in July of this year. The City had been operating off a 60 year old zoning code which had been modified in a piecemeal fashion, leading to many conflicts throughout the document. The current administration has updated its comprehensive plan and followed with the updated UDC.
- There was a tremendous amount of public engagement throughout the process
- A technical advisory team was put together to help develop the new UDC
- Conservation Developments were allowed to help promote cluster development and retain as much natural/green space as possible.
- There are new water-focused zoning districts to account for the maritime needs of the City.
- Natural resource protection was added to encourage preservation of natural areas – requires setbacks from riparian/stream areas and wetlands.
- Mitigation of development within the riparian buffer zones is possible and include implementation of stormwater quality improvement/quantity reductions, stream/wetland restoration, buffer vegetation, reduction of post-development run-off volume to less than pre-development levels, removal of existing impervious surfaces, LID
- New overlay districts in some areas, for example there is a Peninsula overlay district that requires developers to incorporate one or more of the following LID practices: bioretention, water quality swale, rain garden, pervious parking.

- The new code does a better job of allowing the City to balance the needs and meet the challenges of continued development.
- There is a need to continue to educate the general public and we appreciate the NEP's help in this area.

Leslie Gahagan, Environmental and Nature Parks Director – City of Foley

- There is a trifecta of issues: traffic, drainage, and property values
- Stormwater is the primary problem the City deals with. The land is flat, we receive a lot of rain, and natural areas are being developed.
- ACAMP funded a flood response plan for the City – first thing we learned are the City deals with multiple types of flooding – river flooding, storm surge, debris-clogged channels. This plan helped identify critical flood prone areas and solutions for dealing with it.
- Passed new land development ordinance that has greenspace requirements, infiltration of first 1.25” and first flush treatments, post construction requirements and escrow account for maintenance of stormwater infrastructure, landscaping and tree preservation
- The City regularly utilizes watershed plans to help inform stormwater management and natural resource protection
- Maintenance of stormwater facilities is important to sustaining/increasing stormwater catchment capacity.
- Development of drainage studies to develop future projects and increase awareness of maintenance priorities.
- Have increased capacity to issue stop work orders for construction issues that requires immediate response.
- Keep funding for watershed plans and updates and supporting watershed implementation groups. Also, continuing to increase public education is critical.

Jeff Collier, Mayor – Town of Dauphin Island

- There has been 30%+ population growth on the Island with people moving to DI from all over the country and are not used to the issues that come with living on a barrier island.
- The natural habitat is important, and we have to be mindful of balancing the growth with the need to protect and preserve the natural areas on the island.
- Instituted a dune protection district to protect those natural features that control growth in those areas.
- Tree ordinance was passed to protect the tree canopy on the island. Also recently passed a new wetland ordinance to discourage development in these environmentally sensitive areas.
- Development has created additional challenges with stormwater management.
- Sea level rise and changes in shoreline are causing the Town to rethink how they develop and to encourage development in areas of the island that are more resilient and sustainable.
- Currently updating the zoning ordinance, short term rentals has been a major need to address the need to provide lodging for tourists while still maintaining the character of the island for full time residents.
- These types of forums that the GNC provides is critically important so we can continue to share with and learn from each other.

Christian shared for Dan Bond, Environmental/Grans Coordinator- City of Gulf Shores

- Growth and development pressures are compounding issues associated with stormwater management. Gulf Shores was the fastest growing city in the State according to the last census.
- The City's economy is dependent on tourism but that must be balanced with the need to protect and sustain the natural environment.
- Currently implementing 2014 sustainability plan. Key priorities are environmental stewardship, well-organized infrastructure, economic diversification, sustainability.

- Zoning – instituted overlay districts, specific use regulations, conservation subdivisions, conditional use permits
- Natural resource protection – tree protection ordinance, wetland protection regs, clay soils ordinance, flood plain protection ordinance

Open Discussion

- Billie Joe said the lack of home rule creates challenges for the County in managing a lot of these issues.
- Matthew Brown said that Baldwin County is working on their long-range plan. The County can only manage what the State allows them. There have been some novel approaches relating to flood plain management that have allowed the County to have some additional oversight when it comes to maintaining riparian areas.
- Also, a challenge with family division of property which has allowed some to skirt the land disturbance regs.

Meeting adjourned at 9:28 A.M.



**Mobile Bay National Estuary Program
Project Implementation Committee**
November 10, 2022, 1:00 pm – 3:00 pm
Five Rivers Tensaw Theater



Agenda

Meeting Objectives:

- a) Provide update on activities related to the eastern shore (Baldwin County).
- b) Other project status updates

1. Welcome and Introductions

PIC Co-Chairs:

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

2. Review and Approval of Minutes

3. Old Business

- a) Management Conference Committee Status Updates
- b) Government Performance and Results Act (GPRA) Update

4. New Business

- a) Eastern Shore Project Updates
 - a. Eastern Shore Watershed Management Plan – Suzanne Sweetser, Thompson Engineering
 - b. Bon Secour Constructed Wetlands – Andy James, Volkert, Inc.
 - c. Building Blocks of High-Quality Regulations – Matthew Brown, Baldwin County
 - d. Lower Fish/Magnolia River Stream Restoration Program – Jason Kudulis, MBNEP
 - e. Marlow Stream Restoration – Nick Combs, Thompson Engineering
- b) MBNEP Watershed Planning and Project Implementation Update
- c) Off-cycle topical meeting – push to 2023 – MRD Oyster Harvest Update
- d) Next meeting **TBD**

5. Adjourn



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- d) Next meeting **TBD**

5. Adjourn



Please sign-in out in the
hallway

This presentation provides minutes of the November 10, 2022, Project Implementation Committee. Additional notes are added as needed.

Attendees: Cassie Bates, Emery Baya, Aubrey Bianco, Mary Kate Brown, Matthew Brown, Dottie Byron, Ashley Campbell, Nick Combs, Annelise Dodd, Cassie Eldredge, Ricky Fields, Casey Fulford, Judy Haner, Katy Hines, Rob Howell, Patric Harper, Jason Herrmann, Jordan Hollinghead, Webb Jackson Matthew Jones, Jeremiah Kolb, Cody Ledet, Nicole Love, Brian Mabry, Shannon McGlynn, David Newell, Autumn Nitz, Greg Pierce, Ryan Peek, Melissa Pringle, Justin Rigdon, Tina Sanchez, Eric Schneider, Derrick Scott, Sawyer Shotts, Katie Smith, Suzanne Sweetser, Jason White

MBNEP Staff: Jason Kudulis, Marti Messick, Christian Miller, Roberta Swann

Project Implementation Committee Agenda



Welcome and Call to Order:

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

Review and approval of August 2022 minutes

Old Business:

Management Conference Committee Updates

GPRA Update

New Business:

- Eastern Shore Project Updates
- MBNEP Watershed Planning and Project Implementation Updates
- Next Meeting TBD



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

Minutes from the August 2022 meeting were distributed for review prior to the meeting. Tina Sanchez motioned to accept the minutes; Dottie Byron seconded the motion.

Old Business: MBNEP staff provided updates for the other Management Conference committees.

- No updates. The other Management Conference committees did not hold another meeting after August.
- Government Performance and Results Act Update – slides follow

New Business:

Presentations focused on monitoring, planning, and restoration activities on the Eastern Shore. This continues our theme of focusing on different geographic sectors around coastal Alabama. Slides from presentations follow and supplemental notes are included as needed.



Government Performance and Results Act (GPRA)

November 10, 2022
Project Implementation Committee

Jason Kudulis provided a summary of the 2022 Government Performance and Results Act (GPRA)

Purpose of GPRA

- ▶ Establish goal setting for all government agencies.
- ▶ Aid Congressional Committees in their ability to amend, suspend, or establish programs based on performance for each fiscal year.
- ▶ Improve the performance of all federal agencies and measure their effectiveness.
- ▶ Compare current results to previous years as a measure of effectiveness.

Government Performance and Results Act (GPRA)

Each National Estuary Program is required to prepare annual summaries of habitats protected or restored within their study area. Those annual summaries are made up of all the projects partners submit to us, as well as NEP led projects.

We are required to report all projects within the study area if they align with our CCMP values and actions.

When we report your project(s) your name remains attached to them. We aren't taking credit for them. We're just reporting that they occurred within our study area.

Why your input is important

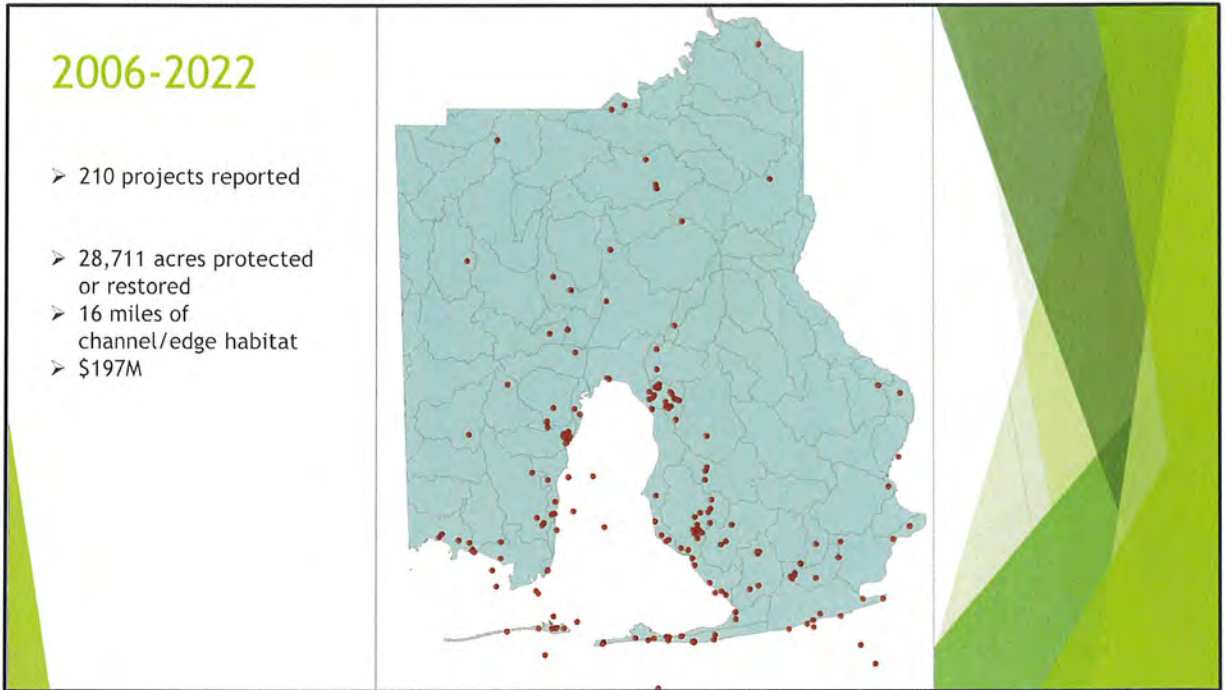
- ▶ Each NEP is required to prepare annual summaries on habitats protected or restored within their study area
- ▶ The MBNEP reports on project progress that aligns with CCMP values and actions
- ▶ Shows EPA the distribution of projects across the two coastal counties.
 - ▶ Allows gaps to be identified
 - ▶ Measure progress
 - ▶ Annual summaries are reported through the National Estuary Program On-Line Reporting Tool (NEPORT)

When we submit these projects, it shows EPA the distribution of projects across the two coastal counties.

Allows gaps to be identified

Measure progress

Annual summaries are reported through the National Estuary Program On-Line Reporting Tool (NEPORT)



The map shows all the projects that have been reported from 2006-2022. 210 projects have been reported with a total of 28,711 acres protected or restored.

2022 Submitted Projects

- ▶ 14 project submitted. Three rejected (boat ramps).
 - ▶ One marine debris; Two stream projects; One rehabilitation/creation; Seven acquisitions
 - ▶ 1,705 acres; 1.33 miles; \$27.6M

Restoration Technique	Unit
Land Acquisition	1,583 acres
Stream Channel Rehabilitation	1,709 linear feet
Debris Removal	10,000 cubic yards
Rehabilitation/creation	72 acres

Eastern Shore Updates

- ▶ Eastern Shore Watershed Management Plan – Suzanne Sweetser, Thompson Engineering
- ▶ Bon Secour Constructed Wetlands – Annelise Dodd & Katy Hines, Volkert, Inc.
- ▶ Building Blocks of High-Quality Regulations – Matthew Brown, Baldwin County
- ▶ Lower Fish/Magnolia River Stream Restoration Program – Jason Kudulis, MBNEP
- ▶ Marlow Stream Restoration – Nick Combs, Thompson Engineering

Presentations focused on monitoring, planning, and restoration activities on the Eastern Shore. This continues our theme of focusing on different geographic sectors around coastal Alabama. Slides from presentations follow and supplemental notes are included as needed.



Suzanne Sweetser with Thompson Engineering provided the update.

Team

- Thompson Engineering, Inc.
- ESA
- Barry Vittor & Associates
- M&R Solutions
- Ephriam and Associates Consulting, LLC.



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Seven Subwatersheds

- Jordan Brook/Yancy Branch: 3.8 Sq.Mi.
- Rock Creek / UT1-UT3: 6.5 Sq.Mi.
- Fly Creek / UT-4: 8.48 Sq.Mi.
- UT5 – UT6 (City of Fairhope core): 2.86 Sq.Mi.
- Point Clear: 5.28 Sq.Mi.
- Bailey Creek / UT7-UT11: 4.45 Sq.Mi.
- UT12: 3.62 Sq.Mi.



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Critical Issue Areas

- Development
- Water Quality
- Erosion/Sedimentation
- Litter
- Human Health/Wellbeing
- Environmental Health and Resilience
- Habitat loss



Strategies for Development

- **Stormwater Master Plan and inventory (Short-term Strategy)**
 - Locate demonstration sites for proper creation and maintenance of retention ponds
 - Example; Fairhope Duck Pond
 - Assessment feasibility of a Stormwater Fee
- **Promote and Expand Use of Low Impact Development Practices (Long-term Strategy)**
 - The County and Cities of Fairhope and Daphne have started incorporating some practices and have begun coordinating ordinances to help implement these practices.
- **Comprehensive Land Use Planning**
 - Baldwin County and Cities of Fairhope and Daphne are in the process of these plans.

Mobil Bay



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Water Quality Sub-watershed Sediment Loads

- 64 tons/mi²-yr geologic erosion rate ("natural")
- Greatest annual sediment loads in sub-basins
 - Red Gully (15,590 tons)
 - Tatumville Gully (5,581 tons)
 - Rock Creek (4,644 tons)
 - Fly Creek tributary at Woodland Drive (1,636)
- Increased urban development → Highest sediment loads
- Attributed to increased surface-water runoff driven erosion
- Red Gully, Tatum Gully, & Rock Creek - highest unit area sediment loads in Mobile and Baldwin Counties



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Strategies for Water Quality

- Develop a comprehensive, long-term monitoring program of all major tributaries. (*Short-term Strategy*)
 - Identify all sources of impairments on Fly Creek.
- Assess the health and functionality of the gully systems along the Eastern Shore. (*Short-term Strategy*)
 - Volanta Gully, Tatumville Gully, Stack Gully, Red Gully (funding for a portion of this already), Big Mouth Gully.
 - Include an educational component on the importance of Gullies.



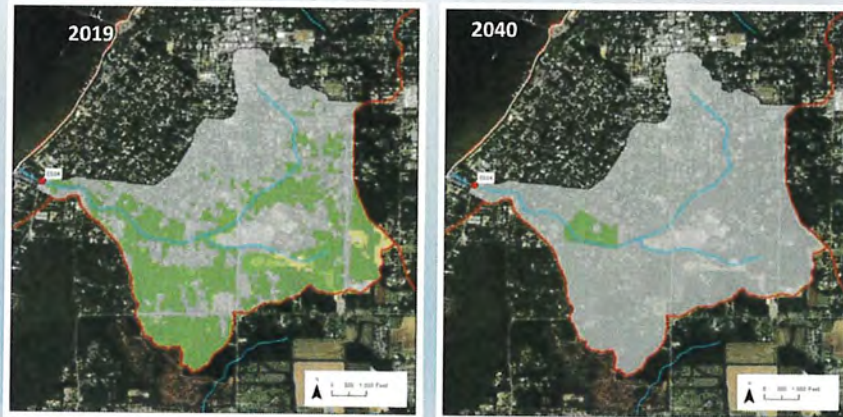
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2019 to 2020 Tatumville Gully Developed Land-use Change



Native Agriculture Developed

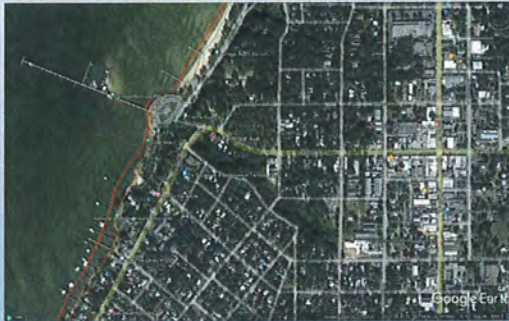


Tatumville Gully



- Dilapidated stormwater infrastructure
- Erosion

Stack Gully



- Erosion threatening property and infrastructure

Water Quality, cont.

- Assess sanitary sewer infrastructure (**Short-term Strategy**)
 - *Fly Creek is a priority for identifying potential failing or not properly maintained septic systems as sources of impairments.*
- Assess flooding causes and determine potential remedies in the underserved community of Twin Beech (**Short-term strategy**)
- Assess need to monitor emerging pollutants: PFAS, microplastics, etc. (**Long-term Strategy**)



TWIN BEECH

Preserving and Celebrating our Community



Strategies for Shoreline Erosion

- Comprehensive study of dilapidated piers to include; GIS inventory of damaged piers and a feasibility assessment of repair or removal along with natural shoreline stabilization. (*Long-term Strategy*)
- Updated assessment of stormwater outfalls along Mobile Bay. (*Short-term Strategy*)
 - The last study was conducted in 2012.
- In coordination with the Mobile Bay National Estuary Program, develop and implement a comprehensive coastline/shoreline management plan for the entire Mobile Bay. (*Long-term Strategy*)
- Identify areas for construction of living shoreline or shoreline protection/restoration measures. (*Long-term Strategy*)



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Mobile Bay



Strategies for Litter

- Develop a comprehensive litter plan based on actual litter issues and prioritized litter abatement effort, including; (*Short-term Strategy*)
 - Baseline data collection to determine type and potential source of litter.
 - Include gullies, stormwater drainage basins, detention ponds, gullies and potential high traffic roadway crossings.
 - Assess the possibility of creating a post-storm municipal impact fee program for vulnerable areas
 - Identification of roadways where anti-litter educational signage would be beneficial (some sites have been identified within the City of Fairhope and funded through ADEM).
- Develop an in-stream debris, post-storm management plan (*Short-Term Strategy*)
 - Example; Point Clear Creek



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Strategies for Human Health and Wellbeing

- Increase green spaces throughout the watershed. (*Short-term Strategy*)
 - Triangle Park in Fairhope funded through GOMESA.
- Increase public access to Mobile Bay. (*Long-term Strategy*)
- Increase community signage in historic communities. (*Short-term Strategy*)
 - Twin Beech, Barnwell, Historic Downtown Daphne, Historic Downtown Fairhope, Point Clear, Montrose, Daphmont
- Develop a series of oral histories for significant historical communities including those above. (*Long-term Strategy*)



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Strategies for Environmental Health and Resilience

- Participate in Community Resilience Index (*Short-term strategy*)
 - City of Fairhope will be redoing in 2023
- Clean Marina Program (*Short-term Strategy*)
 - City of Fairhope Municipal Docks is undergoing designation process currently.



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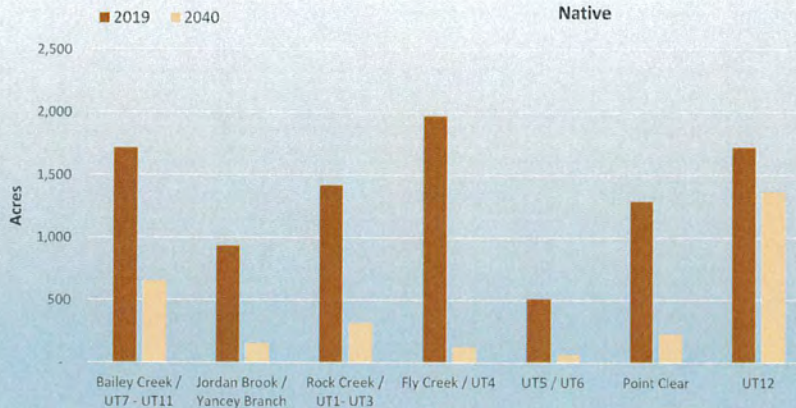


Strategies for Habitat Loss

- Strategize land acquisition for habitat preservation, wetland protection, and riparian buffers (*Long-term Strategy*)
 - *Example: Riparian buffer restoration of RB-FC1, RB-FC2, RB-PC1, RB-PC2, RB-BC, RB-UT7, RB-UT11, RB-UT12*
- Invasive species management (*Long-term strategy*)
 - *Fairhope Municipal Park, Village Point Preserve, all of the gullies.*



Large 2019 to 2040 Changes in Native Habitat



Wetland and Riparian Buffer Restoration



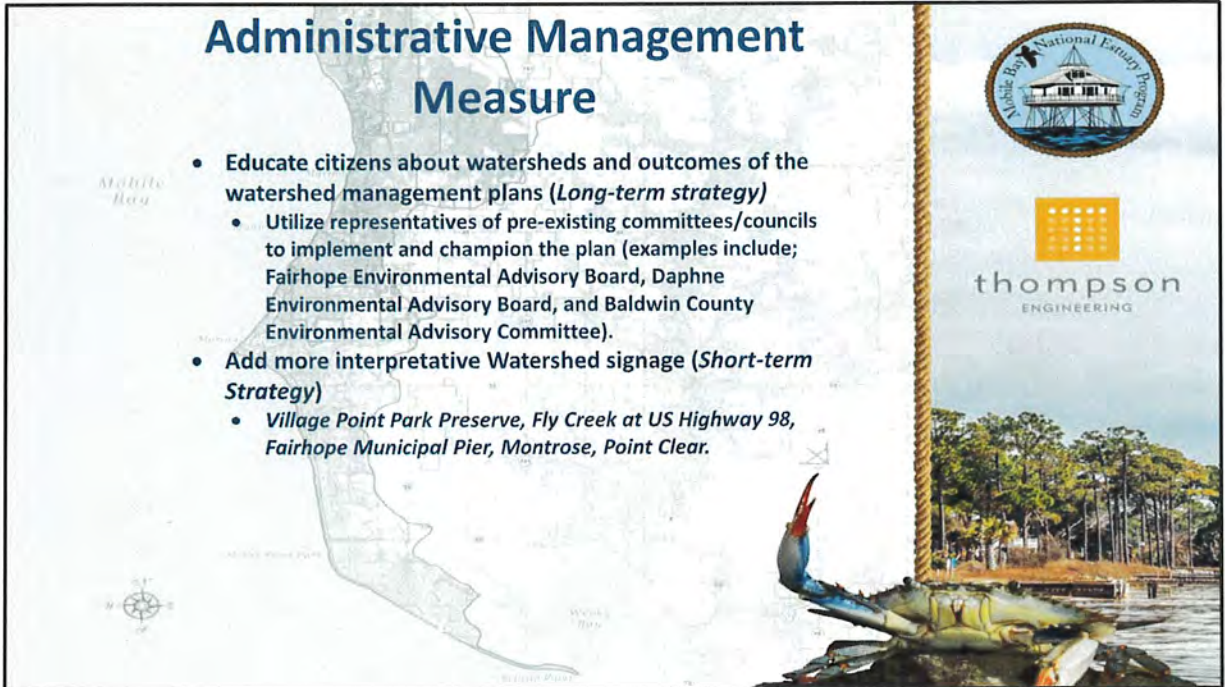
- Enhance and create habitat
- Aid in stormwater attenuation and potential reduction of nutrients/pollutants

Administrative Management Measure

- Educate citizens about watersheds and outcomes of the watershed management plans (*Long-term strategy*)
 - Utilize representatives of pre-existing committees/councils to implement and champion the plan (examples include; Fairhope Environmental Advisory Board, Daphne Environmental Advisory Board, and Baldwin County Environmental Advisory Committee).
- Add more interpretative Watershed signage (*Short-term Strategy*)
 - Village Point Park Preserve, Fly Creek at US Highway 98, Fairhope Municipal Pier, Montrose, Point Clear.



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Next Steps

- Draft is currently under internal and 3rd party review.
- Public review period
- Publication of Final Plan – will be available on MBNEP website
- Let's get some projects done!!



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How are you getting your sediment loads? In step with all the other watershed management plans, we use a consistent methodology to develop a baseline water quality and sediment loading analysis. All of the WMPs and baseline assessment can be found on the mobilebaynep.com website library.

Rough idea when draft will be ready? Very soon. Pandemic slowed the process, so we are a little behind.



Annelise Dodd and Katy Hines with Volkert presented on the Bon Secour River Constructed Wetland project.

This project was a high priority recommendation in the 2017 Bon Secour, Oyster Bay, Skunk Bayou WMP.

Hi, we're your speakers!

95



 **AUBURN UNIVERSITY**
Samuel Ginn College of Engineering

 **ASSOCIATION OF STATE
FLOODPLAIN MANAGERS**



 **AUBURN UNIVERSITY**
Samuel Ginn College of Engineering

 **LSU COLLEGE OF
ENGINEERING**



Bon Secour River Constructed Wetland

95



- Project Background
- Project Design
- Adaptive Management
- Project Construction
- Challenges and Lessons Learned
- Closing Remarks & Questions

VOLKERT

Project Background



- Project Identification
 - 2017 Bon Secour River Watershed Management Plan
 - Project Vicinity
- Project Objectives and Goals
 - Improve Water Quality
 - Reduce annual nutrient and sediment loads
 - Reduce Flooding
 - Create floodplain storage



VOLKERT

Project was identified as a significant source of sediment and nutrients in the watershed.

Project Outcomes

95

- 1,550 LF of Restored Stream
- 2,300 LF of Constructed Offline Stream Channel
- 15-acre constructed emergent wetland pond
- Create/restore 72 acres of wetlands
- Reduce annual nutrient and sediment loads
 - 800 tons sediment/year
 - Annual phosphorous reduction: 17%
 - Annual nitrogen reduction: 40%
- Flood elevations reduced approximately 4-6"



VOLKERT

Project Background

Timeline



VOLKERT

Monitoring:
Year 1 - Quarterly
Year 2 - Biannual

Project Design – Design Team

25



Andrew James, PE



Annelise Dodd, PE, CFM



Katy Hines, EI



Sean Miller, EI



Project Design

95

- Conceptual Design and Planning
 - Geomorphic Stream Assessment
 - Develop Reference Reach Data
 - Develop Design Criteria
 - Water Budget
 - Develop Invasive Species Management Plan



VOLKERT

Project Design

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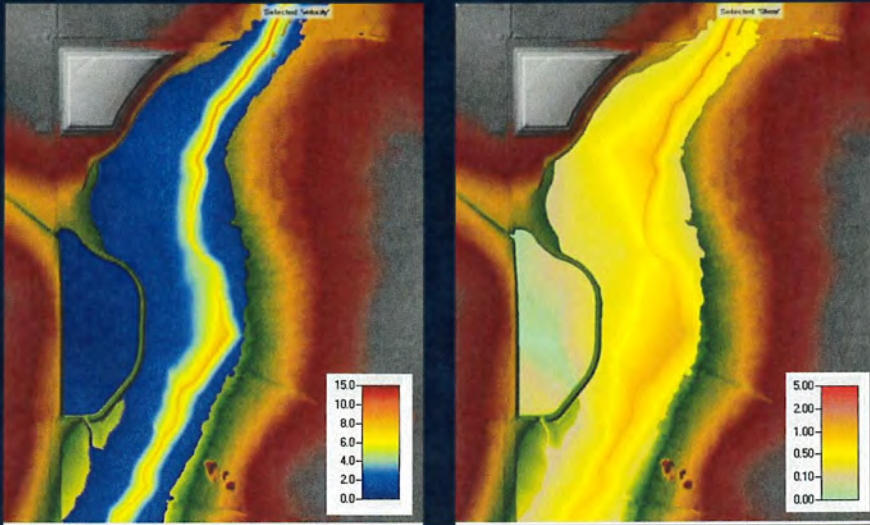
- Iterative Design
 - Optimize hydroperiod for each component
 - Assess shear stress and velocity of stream components
 - Assess floodplain impacts
- Visualize data
 - HEC-RAS & RAS Mapper



VOLKERT

Project Design

95



VOLKERT

Project Construction

95

- Contractor: Streamline Environmental, LLC



VOLKERT

Project Construction

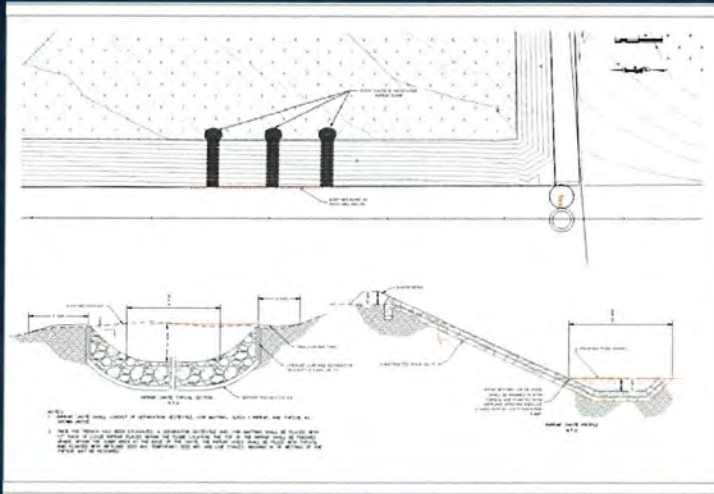
95



VOLKERT

Adaptive Management

95



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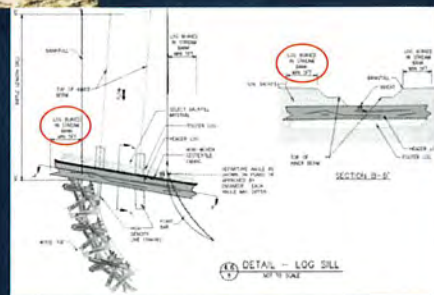
Some adaptive management was necessary.

Rill erosion from adjacent sod fields.

Tributary at outfall vegetation had not established before significant rains. Reworked lower end as a result of some noted erosion in the area.

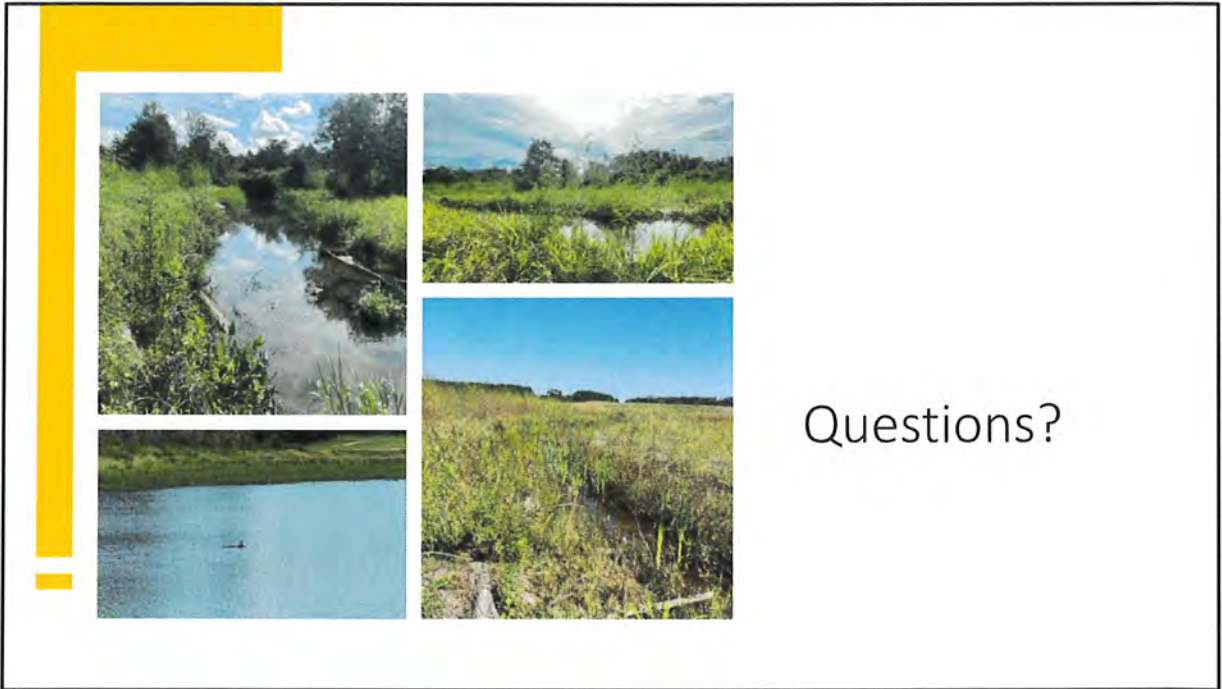
Challenges and Lessons Learned

- Structure Placement and Installation
- Construction Oversight
- Off-Site Influences
- Construction Contingencies
 - Balancing Earthwork
 - Vegetation
 - Mother Nature
- Maintenance Warranties
 - Invasive Species Management
 - Vegetation
 - In-stream Structures
 - Stream Stability on Geomorphology



Proper oversight of structure installation according to plans. Must follow as designed and field verify.

Off-site influences from adjacent developments and ATV trespassing was an issue. Corrections were made.



Questions?

Is the monitoring report and Basis of Design available? Likely, yes. Need to check with City of Foley, the primary project manager.

Building Blocks of High-Quality Regulations



Matthew Brown, Director, Baldwin County Planning and Zoning presented on opportunities and barriers to enact high-quality regulations. No slides for the presentation were available.

- Three simple building blocks: simple, manageable, communicable. *No municipality or entity has it all right. There is always room for improvement as we navigate a changing landscape, literally and figuratively.
 - Simple: can be simple but over complicated. Simple can be simple. Like a common “mouse trap” not the board game that never seemed to work – effective and mechanically simple.
 - Who benefits from simple regulations, developers, regulatory staff, citizens, or real estate agents? All of the above in some cases but primarily, in his opinion, the regulatory staff who has to implement the regulation. If it is not simple for those who enforce and manage, they must be able to fully understand and explain it.
 - Avoid legalese and academic jargon. Short direct mandates. Clean direct formatting.
 - Manageable: every system requires a system manager. A regulation is a system that must be managed. In government and regulatory environment, we can often focus on the rule and not the process for management.
 - What is the process you have to enforce consistently? Day to day process

is moving applications through the process. Administrative delays can run over and break the system. Have triggers and/or a flow chart for both applicant and regulator to follow.

- Communicable: plans and guides are most effective when they communicate well with other rules and departments. Terminology and language consistency simplifies interpretation – eliminate vast disparity. Provided a stormwater management plan example. Some confusion among “volume” definition, provided examples. A guidebook and the regulation do not always read apples to apples.
 - Make clear recommendations targeting a specific goal. Consider providing model language.



Jason Kudulis with the Mobile Bay National Estuary Program shared a presentation on the Lower Fish River Restoration Program.

Purpose, Goals, Objectives

- ▶ The **purpose** of the Lower Fish River Watershed Restoration Program is to promote the wise stewardship of the water quality and living resources of the Lower Fish River Watershed and Weeks Bay.
- ▶ The **goals** of the Lower Fish River Watershed Program are to: Improve hydrology in the Lower Fish River Watershed to improve water quality entering Weeks Bay, reduce sediment loads entering Weeks Bay, reduce nutrient loads entering Weeks Bay, and to improve biological conditions of wetlands and riparian buffers of priority headwater tributaries in the Lower Fish River Watershed.
- ▶ To achieve these goals, the following **objectives** have been developed: 1) Reduce sediment loading from the unnamed tributary “Marlow” to Fish River by 75%; 2) **Development of stream stabilization and restoration engineering and design plans for up to five other stream segments in the Lower Fish River Watershed**; 3) Conduct baseline monitoring at a minimum of eight stations throughout the Lower Fish River Watershed and at discharge points into Weeks Bay to establish pre-construction conditions for future restoration success monitoring.

The big picture model for this watershed restoration program was to duplicate the success we have seen in D’Olive in another coastal watershed.

A top priority of the watershed management plan was the Marlow stream restoration project (Objective 1). This has been completed. Nick Combs will share information on that effort in the following presentation. Beyond Marlow however not as many similar situations were yet identified.

How We Got Here - Field Assessments in Five Target Subwatersheds

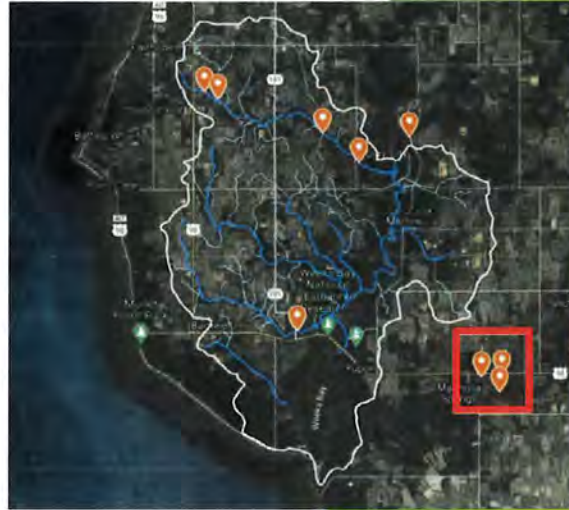
- ▶ Round 1 Results:
 - ▶ Productive exercise that identified issues and recommended remediation actions, however, most were small in scale.
 - ▶ Met with partners, including County, NRCS, and ADEM, to share results. Group agreed majority of sites were likely better suited for other funding opportunities.
 - ▶ Some were reexamined to be sure, and with permission from State the target area was expanded to include Magnolia River Watershed.



Field assessments were proposed in the five target subwatersheds to Fish River. This exercise would allow the project team to find and prioritize projects for engineering and design. While some issues were identified they were not of the scale and severity partners were looking to move forward to design and construction.

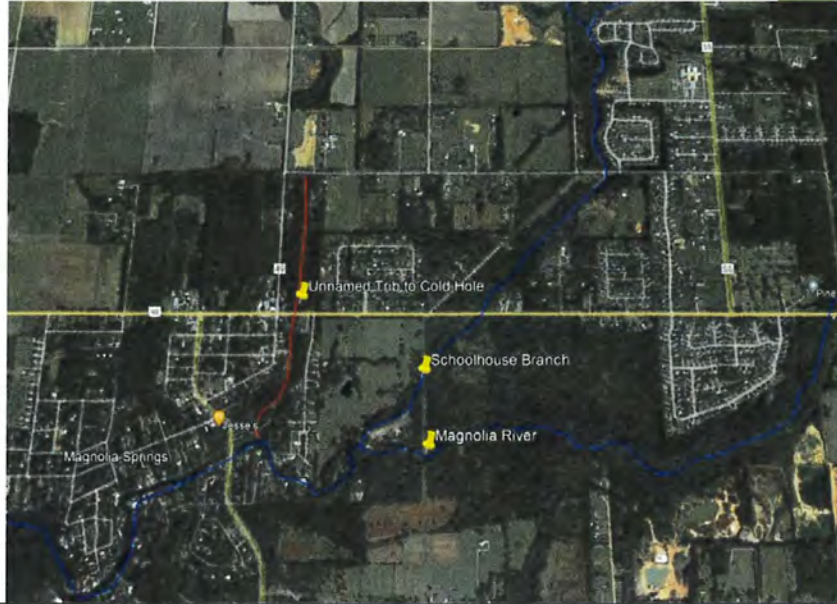
Where We Are Going - Magnolia River Investigation

- ▶ Round 2 Results:
 - ▶ Revisited some LFRW sites, added Magnolia.
 - ▶ Shared finding with Project Team and County. Agreed three sites in Magnolia were priority.



Using data previously collected in a 2009 Geological Survey of Alabama report, which was done under drought conditions, Magnolia River tributaries were not initially on the team's radar. However, getting in the field and knowing there were substantial impacts from the 2014 April flood event, we were able to locate three areas of significant sedimentation and bank instability.

Magnolia River Investigation



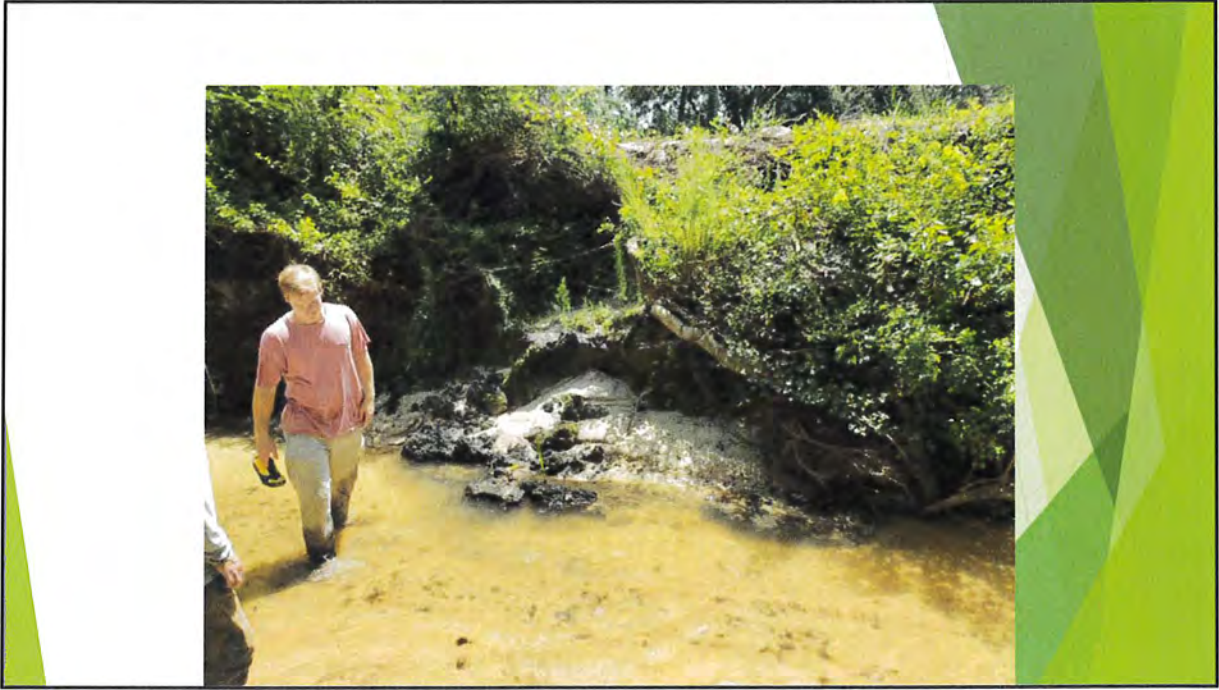
Three projects have been selected for engineering and design.

- Unnamed Tributary to the Cold Hole
- Schoolhouse Branch
- Magnolia River bluffs



Schoolhouse Branch, anticipate 3,300 linear feet. Pictures of pre-restoration conditions follow.



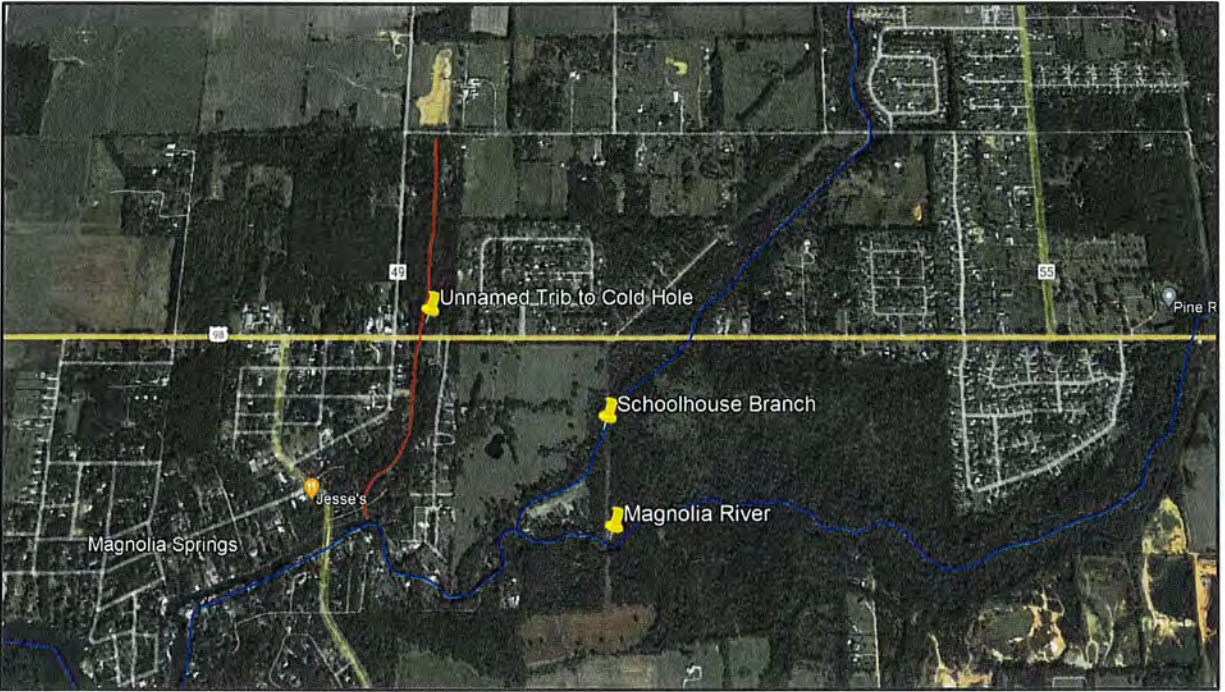














Five noncontiguous bluffs on the Magnolia River have been targeted for restoration. Totaling nearly 1,000 linear feet.









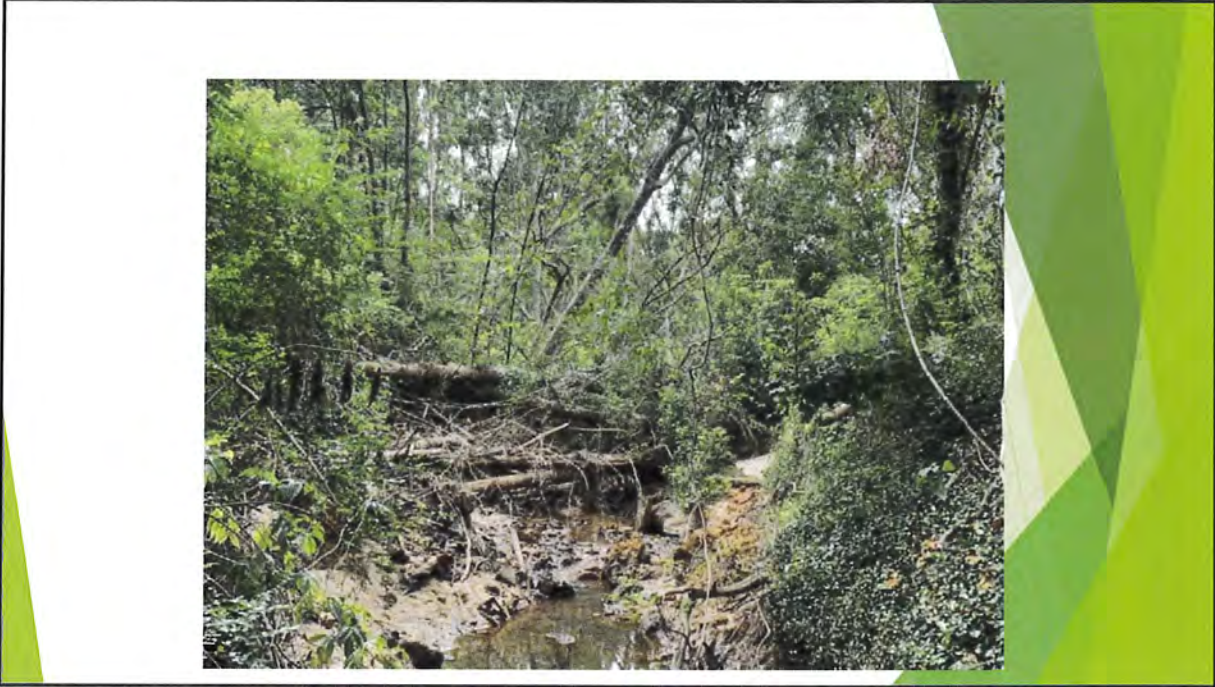


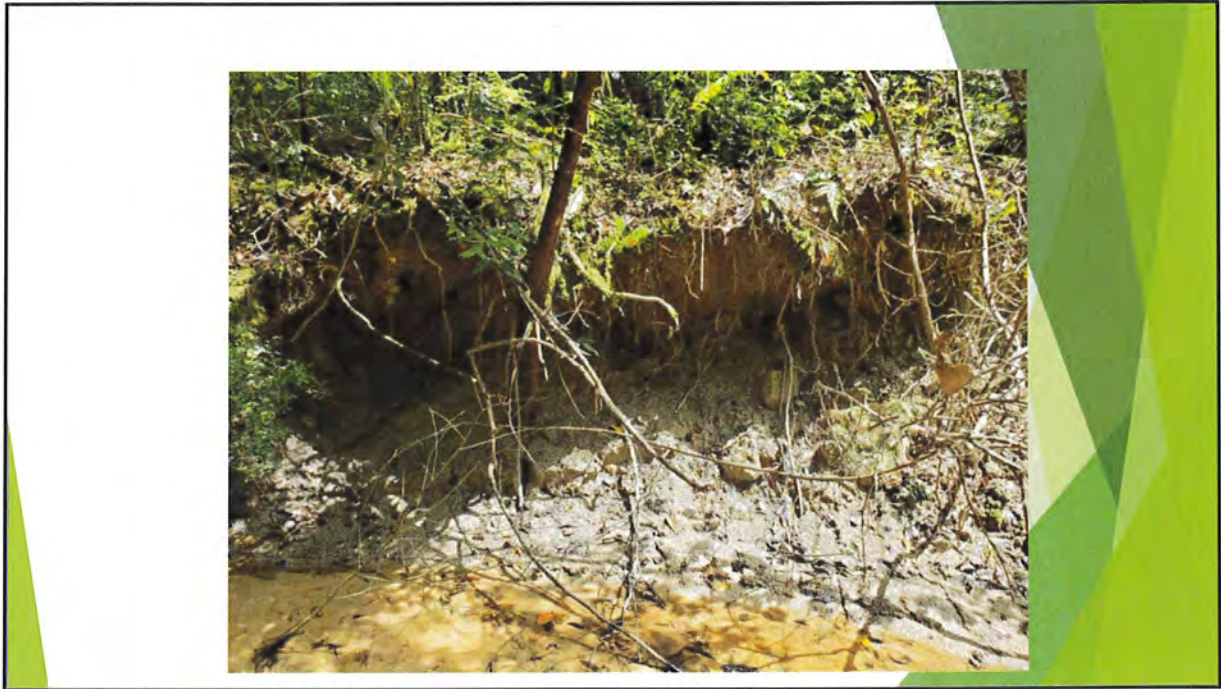


An unnamed tributary between Beasley Road and HWY 98 is targeted for restoration. Reach 5 appears to be the primary area of instability, totaling about 1,125 linear feet.











Sedimentation at the Cold Hole on Magnolia River.

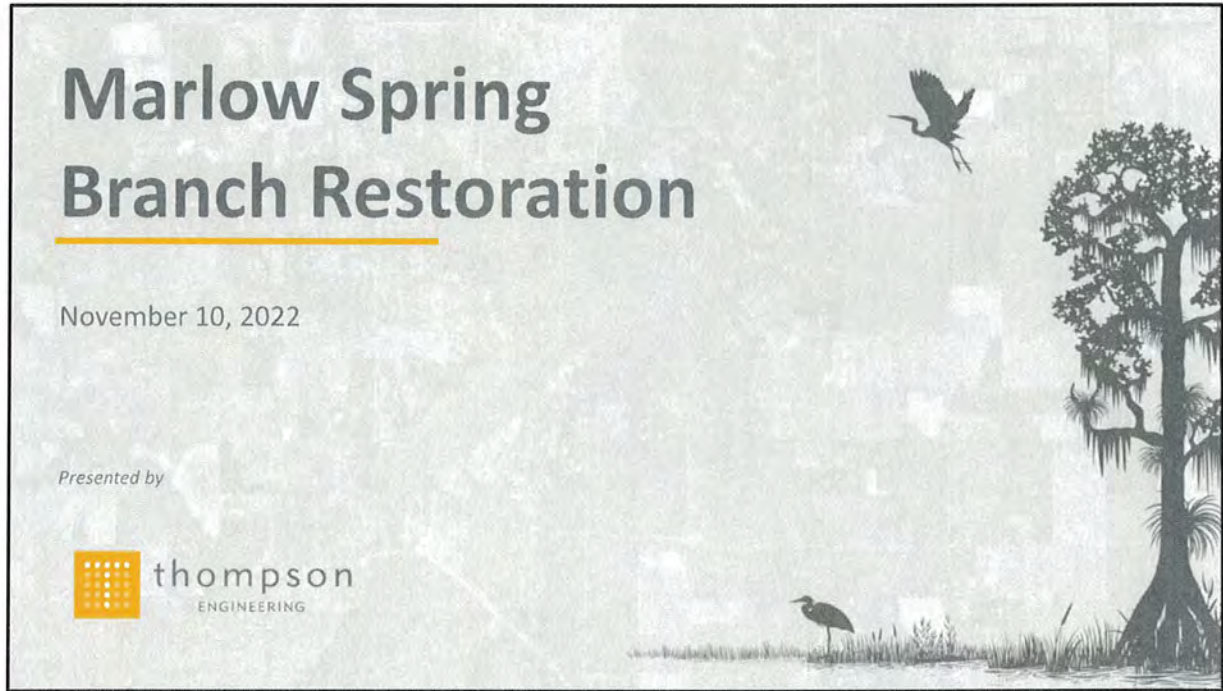
Next Steps

- ▶ Secure remaining landowner access
- ▶ Finish E&D
- ▶ Collect baseline data
 - ▶ Purchased equipment in step with what ADEM uses for data consistency
 - ▶ Vittor - Watershed Condition Framework
- ▶ Construction funding

Marlow Spring Branch Restoration

November 10, 2022

Presented by



Nick Combs with Thompson Engineering presented on the Marlow Stream Restoration Project.

This project was identified in the Weeks Bay Watershed Management Plan as a top priority.

Introduction

- Weeks Bay Watershed Management Plan
 - Top Priority Recommendation
- Project Partners
 - Baldwin County
 - National Fish and Wildlife Foundation
 - MBNEP
 - 5 Smooth Stones
 - Hydro Engineering Solutions
 - Streamline Environmental



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This project was identified in the Weeks Bay Watershed Management Plan as a top priority.

Project Goals & Development

- Evolving Watershed
 - Changes in Land Use
 - Increased Runoff
 - Headcutting
 - Severe Erosion
- Project Goals
 - Reduce sediment entering Fish River
 - Risk Reduction
 - Improve Environmental Sustainability



Spring Branch serves a tributary to Fish River near the intersection of Co Rd 9 and Co Rd 32. The project team site assessment and an evaluation of potential constraints led to the design only including reaches 4 & 5. This was the primary area of severe erosion and an active headcut.

Geomorphic Assessment

- Channel Degradation
 - Inadequate Dimension
 - Low Entrenchment Ratio (Low as 1.0)
 - High Bank Height Ratio (Up to 7.0)
 - Poor Floodplain Connectivity
- Stream Characteristics
 - Sand Bed System
 - Slope 1-2%
 - Width:Depth Ratio Varies from 7-11
- Constraints
 - Horizontal/Vertical
 - Property Lines
 - Adjacent Roadway
 - Culvert & Outfall Tie-in



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Part of the preliminary design work includes a geomorphic assessment.



Site condition pre-restoration.

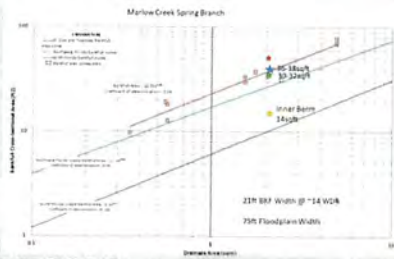


Outfall deposits into Fish River.

Stream Restoration Design Process

- Iterative Natural Channel Design Approach

- Reference Reach Data
 - Tiawasee & D'Olive
 - Pool and Riffle Pattern
- Mini Regional Curve Data
 - Cross Sectional Area vs. Drainage Area



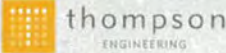
Location	Reference Reach			Design Reach		
	Area (m²)	Width (m)	Depth (m)	Area (m²)	Width (m)	Depth (m)
Reference Reach 1	100	10	1.0	100	10	1.0
Reference Reach 2	200	15	1.5	200	15	1.5
Reference Reach 3	300	20	2.0	300	20	2.0
Reference Reach 4	400	25	2.5	400	25	2.5
Reference Reach 5	500	30	3.0	500	30	3.0
Reference Reach 6	600	35	3.5	600	35	3.5
Reference Reach 7	700	40	4.0	700	40	4.0
Reference Reach 8	800	45	4.5	800	45	4.5
Reference Reach 9	900	50	5.0	900	50	5.0
Reference Reach 10	1000	55	5.5	1000	55	5.5
Design Reach 1	100	10	1.0	100	10	1.0
Design Reach 2	200	15	1.5	200	15	1.5
Design Reach 3	300	20	2.0	300	20	2.0
Design Reach 4	400	25	2.5	400	25	2.5
Design Reach 5	500	30	3.0	500	30	3.0
Design Reach 6	600	35	3.5	600	35	3.5
Design Reach 7	700	40	4.0	700	40	4.0
Design Reach 8	800	45	4.5	800	45	4.5
Design Reach 9	900	50	5.0	900	50	5.0
Design Reach 10	1000	55	5.5	1000	55	5.5

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Natural Channel Design philosophy compares healthy streams in the same eco-region to produce a regional curve including cross sectional area and drainage area. This provides somewhat of a template for the engineer to draft a design plan. Compare how the design behaves versus a natural functioning stream to produce a design layout.

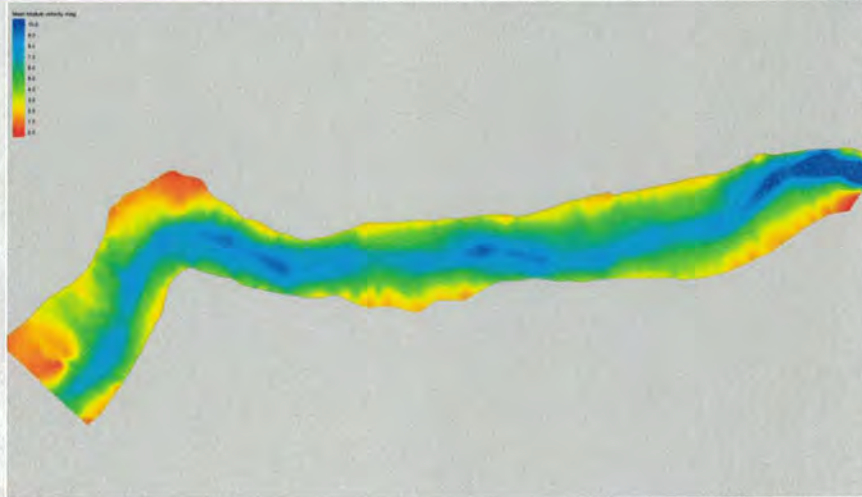
Design Layout



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Hydraulic Modeling - Velocity

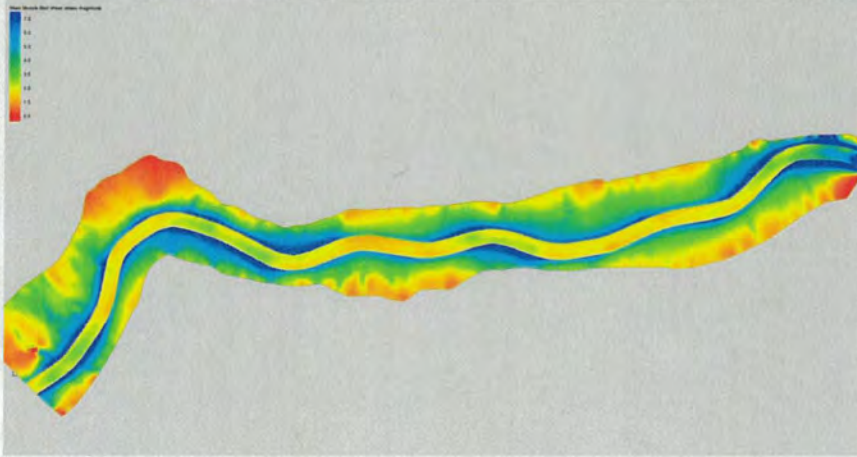


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Hydraulic modeling is used to tweak the design and better understand areas of high stress. Looking at velocity and shear stress, potential issues can be smoothed out or additional channel/bank armoring can be added. Minimizes long term risk and improves resilience. Blue indicates area of higher velocity and stress (blue is areas of higher velocity and shear stress).

Hydraulic Modeling – Shear Stress



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Stream Stabilization Structures

- Riffle Structures
 - Boulder Riffle
 - Augmented Riffle
 - J-Hook
- Bank Protection
 - Toe Wood
- Floodplain Armoring
 - Vegetated RipRap
 - Log Sills
 - Coconut Coir Matting



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All kinds of stabilization structures are employed in the design. Each has a purpose to reduce velocity and shear stress by keeping the flow in the center of the channel and protecting the bank and floodplain from potential erosion.

Project Encounters & Teachings

- Challenges Faced
 - Groundwater Springs
 - Adjacent Property Owners
 - Outfall and Boat Slips
- Lessons Learned
 - Importance of field verification of design
 - Consideration of offsite drainage
 - Working Together = Project Propeller



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Each project always has unforeseen challenges or obstacles that require careful thought. These are dynamic systems with unique characteristics. Verifying the design in the field and not only reviewing it on a computer is important during construction. When you are working on people's property as well you always want to be considerate. Once a project is completed the landowners remain.



Photo of different phases of project construction.



Photo of different phases of project construction.




Photo of different phases of project construction.



Drone flyover video was shown from just after construction of the new channel and floodplain. Vegetation will be planted in the dormant season over winter.

QUESTIONS?



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What reference reaches did you use? D'Olive and Tiawasee

Watershed Planning Update



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

Updated status of completed and ongoing watershed management plan activity in coastal Alabama.

Jason Hermann with Alabama Marine Resources Division provided a brief summary of the 2022 wild oyster season – with a harvest goal estimated, staff then assigns specific grids on the reef to harvest a percentage of the mature stock. They do not use a quota; the goal estimate allows better flexibility. They are having a very successful season so far with potentially 50,000 sacks before the end. The number of oystercatchers on the reef is perhaps double last year's number, almost 200 people on the reef each day, with an average of 1,000 sacks per day.

The committee is interested in planning a site visit during the 2023 wild oyster season to learn more about the State's management and harvest process.

Meeting was adjourned at 3:06pm.

4.4.1

South Alabama Land Trust

Land Acquisition Committee Meeting
Tuesday, June 21, 2022 – 4:30 pm
SALT Office with Zoom Option

I. Call to Order

II. New Business

- a. Eric Sparks – Director of Coastal and Marine Extension; Associate Extension Professor; - **Mississippi State University**, Assistant Director for Outreach; Coastal Ecology Specialist - **Mississippi-Alabama Sea Grant**
 - i. Grant funded project – Goats on Fish River Nature Preserve property
- b. Deer Creek Holdings/Alan Cox – xx acres Malbis – January 2023 donation – Connie/Darrel
 - i. Mobile Bay NEP restoration project – Ashley Campbell
- c. Baldwin County Planning District 26 wetland prioritization project – Ashley Campbell
 - i. Birdwatch Lane – 23 acres – Ashley Campbell
- d. Maury property – 40 acres – Baldwin County (State Lands) – Andrew
- e. Baroco parcels – 746 acres - Soldier Creek, Perdido Beach, AL
- f. Natural Bridge property – any interest by LAC to proceed?
- g. Partnership for Gulf Coast Land Conservation Project Assistance Fund – Received grant for due diligence - \$6,600 - Connie
 - i. MFBS Corporation/Stimpson family – Three Mile Creek and Conception Street – 29.5 acres
- h. State Lands – Infrastructure funding update – Will Underwood
 - i. Celia Wallace
 - ii. Bluff Springs – Who would go on site visit?
- i. Polo Ridge parcels – 1.8 acre parcel listed for \$170K. Discuss lowering price
 - i. HOA interested in purchasing 9.8 acre parcel. SALT started at \$25K
- j. Breland – 296 acres - Darrel to provide stewardship update
- k. Status update – Pavilion build at Fish River Nature Preserve and compost toilet installation - Darrel
- l. Harrod Parcel – Daniel will call David Carver
- m. Palughi Parcels – 64 acres – Magnolia Springs

III. Old Business

- a. Steve Lloyd parcel – Water Hole Branch – Closed April 1 – Will Underwood – media update
- b. Rio Vista
 - i. 1. Buildable Site on Parcel 2. Home Size and Outbuilding Size 3. Easement language regarding foot traffic, hunting/fishing, recommended or required land management practices 4. Listing Price 5. Listing Agent and Commission
- c. Rick Courtney – Dog River – CE 15.5 acres
- d. NFWF/Mobile County – Lower Halls Mill project – 291 acres
 - i. Waiting on Mobile County to hear back from NFWF on amendment to partner with SALT.
- e. City of Mobile/NFWF – Brookley project – CE - 45 acres
 - i. Waiting on NFWF for final approval on CE then move to closing.
- f. DIBS/NFWF Project – Update - ~ 11 acres (map attached)
 - i. 7 parcels purchased by Town of Dauphin Island, 11 parcels purchased by Dauphin Island Bird Sanctuaries (DIBS), 10 additional parcels with signed PSAs. Expect to close on 11 DIBS parcels in July
- g. TNC – Town of Dauphin Island – NFWF – CE – 9.4 acres
 - i. Waiting on closing date
- h. James & Cecile Fibbe – One Mile Creek – N. Conception Street – 4 acres – update from Gavin?
- i. Whiting 2.89 acres, Johnson 31 acres, Castle 5.10 acres, Trigg 1.33 acres (40.32) – update from Gavin and Kendal?

Land Acquisition Committee Meeting
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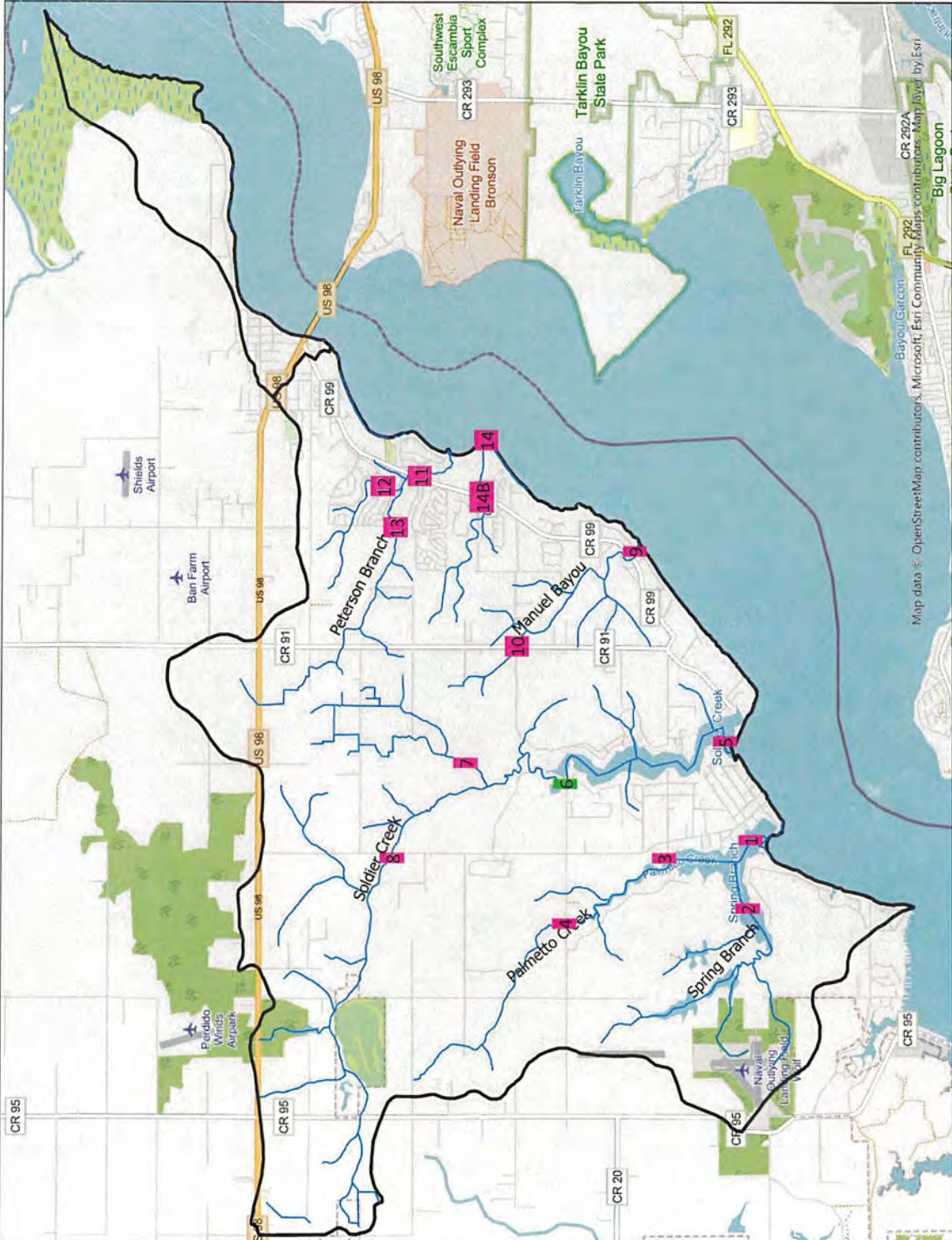
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PALMETTO & SPRING CREEK

1. Yupon St Water Access/Boat Launch. Located at the end of Yupon St. Walk down access. (30.343739, -87.506935)
2. Spring Branch. Boat access. (30.342746, -87.520474)
3. **Cannot find a nearby site that is legal public access. All surrounding area is private property.**
4. Palmetto Creek @ Leiterman Rd. Looks easily accessible from map. (30.370260, -87.519804)

SOLDIERS CREEK

5. Mouth of Soldiers Creek. Boat access. Residential properties along all banks. (30.346977, -87.493183)
6. Soldier Creek @ Eliz Dock (Location: 9984 Perdido Vista) (30.3702, -87.5001) CURRENTLY BEING MONITORED
7. **Cannot find a nearby site that is legal public access. All surrounding area is private property.**
8. Soldiers Creek @ County Rd 97 (30.395470, -87.510089)

MANUEL BAYOU

9. Manuel Bayou @ County Rd 99 (30.360866, -87.467967)
10. Manuel Bayou @ County Rd 91 (30.377091, -87.480604)

PETERSON BRANCH

11. Peterson Branch @ County Rd 99. Sample from bridge. (30.392983, -87.455751)
12. Trib @ Spanish Cove Dr S (30.394347, -87.457980)
13. Peterson Branch @ Pensacola Dr. Walk down access. (30.395514, -87.462216)

SUEREZ POINT

14. Mouth of trib @ Suarez Point. Boat access. (30.382318, -87.450925)
- Or
- 14B. Upstream @ County Rd 99. Walk down access from road. (30.382123, -87.459163)

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4.4.1

Weeks Bay Advisory Committee



Weeks Bay National Estuarine Research Reserve Federal Evaluation for October 2015 to July 2022

The National Oceanic and Atmospheric Administration (NOAA) conducts periodic evaluations of state programs participating in the National Estuarine Research Reserve System. This document pertains to the evaluation of the Weeks Bay National Estuarine Research Reserve and covers the period from October 2015 to July 2022.

Background

The Weeks Bay National Estuarine Research Reserve is part of a national network of 30 reserves protected for long-term research, water-quality monitoring, education, and coastal stewardship. The national program was established by the Coastal Zone Management Act of 1972 and is a partnership program between NOAA and the coastal states. NOAA provides funding, national guidance, and technical assistance, while lead state agencies or universities manage the reserves, with input from local partners.

Purpose of the Evaluation

The Coastal Zone Management Act calls for the periodic evaluation of all federally approved estuarine research reserves. The evaluations assess operations and management and how the lead state agency and the reserve are addressing the issues identified in the reserve's management plan, NOAA regulations governing the reserve system, and the terms of federal financial assistance awards.

The evaluation team prepares a set of findings that identifies successes and areas needing improvement. Recommendations from the findings are used to negotiate future Coastal Zone Management Act financial assistance awards to the state. Copies of the findings from this evaluation will be available in early 2023 and will be sent to evaluation participants upon request. Members of the public may receive copies by *emailing* the evaluation team lead at Pam.Kylstra@noaa.gov. The most recent evaluation findings are available at: www.coast.noaa.gov/czm/evaluations/evaluation_findings/index.html

Public Participation

Public participation is a valued part of the evaluation process, and the evaluation team would like to hear the views of all interested parties. For this evaluation, the team is particularly interested in these areas:

- Program Administration
- Growing Communities and Protecting Coastal Habitats

(continued)

The Coastal Zone Management Act provides three mechanisms for public participation in the evaluation process:

- Meeting with the evaluation team
- Attending a public meeting
- Submitting written comments

A **virtual** public meeting will be held to solicit public comments on Wednesday, July 27, 2022 at 6:00p.m. Central time. To participate in the **virtual** public meeting, registration information can be found at <https://coast.noaa.gov/czm/evaluations/>. The public meeting may also be attended **onsite** at Weeks Bay Reserve Tonsmeire Resource Center, 11525 US-98, Fairhope, AL 36532; registration will occur upon arrival. Written comments may be submitted to Pam Kylstra, the evaluation team leader, at Pam.Kylstra@noaa.gov no later than Friday, August 5, 2022.

Evaluation Team

Pam Kylstra, Evaluation Team Leader
NOAA Office for Coastal Management
Pam.Kylstra@noaa.gov

Marian Hanisko, Gulf Learning Services Coordinator
NOAA Office for Coastal Management
Marian.Hanisko@noaa.gov

Matthew Chasse, Site Liaison
NOAA Office for Coastal Management
Matt.Chasse@noaa.gov

Heather Geirloff, Manager
Hudson River National Estuarine Research Reserve
Heather.Gierloff@dec.ny.gov

Day 1: July 25, Monday

SESSION 1

Welcome, Introductions, and Agenda

9:00-10:30 a.m. CDT

9:00-9:05 Welcome from Patti McCurdy, Division Director

9:05-9:15 Introduction of Evaluation Team and evaluation process

9:15-9:45 Introduction to WBNERR staff and overview of WBNERR 2015 - 2021

9:45-10:00 Questions about projects or for staff

10:00-10:30 Overview of the rest of the week's agenda and additional questions

Participants:

- NOAA Evaluation Team
- All NERR Staff
- Patti McCurdy, Director
- Hank Burch, Assistant Director
- Will Underwood, Coastal Section Administrator

Session Overview: This session will serve as an introduction to the evaluation team and the Weeks Bay National Estuarine Research Reserve (WBNERR) staff. It will also provide an overview of WBNERR programs during the years of 2015-2021. Major projects, programs, and collaborations with partners will be highlighted as well as sector successes and challenges.

Target Area: Program Administration

Sector Lead Meeting

11:30 a.m.-12:00 p.m. CDT

Time for the evaluation team to meet with the Education sector lead.

11:30-12:00 Angela Underwood-Education Coordinator

July 27, Wednesday

SESSION 5

Coastal Resilience Information & Outreach

9:00-10:30 a.m. CDT

9:00-9:10 Welcome and Introductions, Overview of 312 Process

9:10-9:15 WBNERR Staff Presentation

9:15-10:10 Stakeholder Presentations and Discussion

10:10-10:30 Stakeholder/Evaluation Team Discussion

Participants:

- NOAA Evaluation Team
- NERR Staff: Sarah Johnston, Angela Underwood
- Invited Stakeholders:
 - Ashley Campbell-Natural Resource Planner, Baldwin County Commission
 - Renee Collini- Regional Coastal Climate Resilience Specialist, PLACE-SLR, Mississippi State University
 - Amy Gohres-Community Resiliency Initiative Project Coordinator, AltaSpring, LLC
 - Joey Koptis, District Conservationist, Natural Resource Conservation Service
 - Margo Posten-Coastal Training Program Coordinator, Grand Bay NERR
 - Roberta Swann- Director, Mobile Bay National Estuary Program
 - Will Underwood, Coastal Section Administrator

Session Overview: WBNERR has been a leader in the promotion of coastal resiliency in Alabama. This session will focus on community resilience coordination, training, and education. The team will learn about the collaboration with the Alabama Coastal Area Management Program to form the South AL Flood Engagement Team (SAFE-T) as well other coastal resilience initiatives.

Target Area: Growing communities and protecting coastal habitats

Minutes

Weeks Bay National Estuarine Research Reserve Advisory Committee Meeting September 14, 2022

Call to order:

The scheduled quarterly meeting of the Weeks Bay Advisory Committee was called to order on September 14, 2022, at 2:05 pm by Chairwoman Debbie Quinn.

Debbie Quinn noted there wasn't a quorum. She then thanked present attendees and thanked Reserve staff for their work on the Federal 312 evaluation.

Board Member Attendance:

Debbie Quinn, Chairwoman
Kevin Anson, Member
Hank Burch, proxy for Patti McCurdy, Member
Ashley Campbell, Member
Tracy Jay, proxy for Sommer Calderone, Member
Randy Roach, Member
John Valentine, Member
PJ Waters, Member
Connie Whitaker, Member- nonvoting
Will Underwood, Member- nonvoting

Reserve Staff in Attendance:

Eric Brunden
Angela Underwood
Sarah Johnston
Scott Phipps

Others in Attendance:

Matte Chasse, NOAA
Darrel Williams, SALT
Mai Fung, DISL USA

Approval of Previous Minutes:

Minutes of the March 9, 2022, and June 4, 2022, committee meetings were reviewed and unanimously approved. Randy Roach made the motion for approval of the minutes and Hank Burch seconded.

Discussion- Kevin Anson asked for clarification under the Education report whether a March 25th car show was a past or future event. Angela Underwood responded that it was an event that already occurred. She added that it was successful and afforded an opportunity reach a wide audience from around the country.

Old Business:

No old business was brought forward for discussion.

New Business:

Reserve Manager Report:

Reserve Manager Angela Underwood updated the committee on the status of Reserve operations.

Angela announced the hiring of a new Maintenance Supervisor, Leland Butler, who started on August 1st. He is in the National Guard and was a State employee at Fort McClellan doing maintenance and has a training background in HVAC and electrical.

The Reserve hosted a virtual NOAA Federal 312 evaluation site visit the week of July 25th. During this week, several stakeholder meetings were held. The NOAA evaluation team also met with staff individually and participated in a public meeting. The initial findings from the exit meeting with the evaluation team were very good. They thought we should be "tooting our own horn" more. They liked the virtual programming that was started during COVID and thought it should continue as it reaches a wider range of audiences.

Maintenance staff repaired Manatee Park fishing pier with thru flow decking.

The bid process for the kayak launch is complete and a contract for the vendor is currently being executed. It is a Public Access project funded through ACAMP with some help from SALT. Estimates were based on architectural input, but bids are not coming in as estimated. Bids have been much higher.

The bid process for the Pitcher Plant Bog boardwalk is complete. It is under review.

Hank Burch added that we are suffering from sticker shock and are trying to figure out if we can have a viable project with the amount of funding available. It is a normal replacement project, but the costs of materials and labor have skyrocketed.

Angela added that the boardwalk project is a NOAA PAC funded project.

Another NOAA PAC funded project is dorm upgrades that are in design process and close to completion.

Starting October 1st we should have PAC funding to start the process for the Visitor Center boardwalk.

A GOMESA funded project to look at the boat ramp and parking at the Resource Center is in design process. We are working with ALDOT since it uses their right of way.

Hurricane supplemental award was just finalized and accepted. The biggest repairs are re-decking nature trail overlook. It could be a volunteer opportunity.

The Reserve is hosting the Lighthouse fundraising event in November.

Some Reserve staff will be travelling to the NERRS Annual Meeting at the end of October.

from Robertsdale coming for environmental science, marine science, and engineering classes. Eric and Darrel are taking students out in the field to use RTK equipment in the marshes and talk about the engineering.

BirdFest trips are coming up. We will be leading a session for the Florida Master Naturalists class and then a couple of days later the Mississippi Master Naturalists class. We will host the City of Gulf Shores *Take Time Tuesday* adult group and then at the end of the year we will be a field trip site for the southeastern state parks program annual meeting.

Discussion- Connie Whitaker asked if we do anything with virtual school? Angela Underwood answered that we have in the past served as field trip site for the virtual school, especially for high schoolers. Christine Olsen, who once worked at the Reserve, the Secondary School Lead Teacher at the virtual school and is talking with the elementary side to get them to do field trips here also. During COVID, we did elementary age virtual field trips with their students.

Stewardship Report:

Stewardship Coordinator Eric Brunden reported on assisting with a lot of education and outreach groups in the future. He noted that there was a lot of rain in August throwing off his plans. It was too wet for equipment or people to finish the Damson tract fire break. It would take at least a week to dry out to get a tractor down to clear the lanes. Then to get a group of volunteers to work on hand cutting with a goal of getting a fire within the next three months on the second compartment of the Damson tract as well as the Upland Trail and Safe Harbor demonstration bog and longleaf pine area. It is a small area but has surrounding houses that abut the property. Conditions must be just right, and special care is needed.

Eric is also trying to line up an additional two or three volunteer days to help with re-decking the overlook and clearing trails both at the Damson tract and Upland Trail.

Gulf Corp is coming on and he is meeting the team. One of the objectives with them is to start working on the Ogburn tract which is an exotic invasive haven with kudzu, privet, Japanese climbing fern and tongue oil all competing to see who's going to win. It is too hard to get equipment down the tract. The only way to do it is to through manpower and have Gulf Corp assist with removal. Invasives are on the neighboring property and there is a hope to work with neighbors on treatment options.

CTP/Watershed Report:

Angela Underwood reported that the state register has been pulled to hire a Coastal Training Program Coordinator with some good responses. Interviews will be held soon.

Over the summer were workshops already set in place that were held. The first was a wetland plant identification course. Second was a wetland regulation and compliance workshop for an audience of real estate professionals and attorneys. The third was the same course but was an advanced level.

buffer protection for Baldwin County. Once it is drafted, a volunteer from each group will take it to their jurisdictions to ask them to enact it.

Randy Roach asked if the 30-foot setback means no activity at all. Ashley responded that there are a few exemptions. But it is a non-disturbed area. There are exemptions for pile supported structure for recreational uses such as a pier. Forestry is exempt if you have a management plan. Also, agriculture is exempt if you have your ag approved. Report complaints online, concernedcitizen@baldwincountyal.gov. It requires an email and is not anonymous. If a person has a violation, they can't get a building permit until it is resolved. Randy then asked if the non-disturbance area is the National Wetlands Inventory layer overlapping with the hydric soils layer or is it just wetlands? Ashley replied that it's all of it. Hydric soils, NWI and the Baldwin County wetlands area layered on each other. She also indicated that they have staff that will look at the property to verify wetland indicators on it. If there are any doubts a consultant may be used. She wants to partner with CTP and/or NEP to have annual trainings that happen twice a year for a wetland class and an erosion sediment control class. A wetland and soils class is planned for March.

Adjournment:

Meeting was adjourned at 3:27 pm.

Weeks Bay Advisory Committee

Weeks Bay National Estuarine Research Reserve



December 14, 2022

MEMORANDUM

TO: Weeks Bay Advisory Committee

FROM: Debbie Quinn, Chair

SUBJECT: Advisory Committee Meeting

The Weeks Bay Advisory Committee meets **Wednesday, December 14, at 2:00 PM** and will be held at the Weeks Bay Resource Center. Prior to the meeting, we will hold a **Holiday Social at 1:30 pm**. Please join us for a little holiday cheer and merriment. Remember, if you are unable to attend, please make every effort to send a proxy for your seat on the Advisory Committee.

The following is the preliminary Agenda for the WBAC meeting.

AGENDA

WEEKS BAY ADVISORY COMMITTEE

Call to Order

1. Approval of Minutes for September
2. Manager Report:
 - Management Operations and management of Reserve
 - Research Research and monitoring at the Reserve
 - Education Ongoing educational programs at Reserve
 - Stewardship Stewardship and outreach activities
 - Watershed/CTP Update on watershed & CTP activities
4. Other Business
5. Adjourn

Please notify Angela Underwood at 928-9792 angela.underwood@dcnr.alabama.gov if you would like to add discussion items to the agenda.

The primary purpose of the COMMITTEE shall be to provide a mechanism to facilitate operations and management of the Weeks Bay NERR through advice and other interactions with the Alabama Department of Conservation and Natural Resources (ADCNR) and the Weeks Bay NERR. The COMMITTEE does not represent the opinions and policies of the ADCNR.

MINUTES

Weeks Bay National Estuarine Research Reserve Advisory Committee Meeting December 14, 2022

Call to order:

The scheduled quarterly meeting of the Weeks Bay Advisory Committee was called to order on December 14, 2022, at 2:05 pm by Chairwoman Debbie Quinn.

Debbie Quinn noted there wasn't a quorum. She then thanked present attendees and the Reserve staff.

Board Member Attendance:

Debbie Quinn, Chairwoman

Kevin Anson, Member

Roger Clay, Member

Patti McCurdy

Cory Rhodes, Proxy for Ashley Campbell, Member

Sommer Calderone, Call in, Member

Connie Whitaker, Member-nonvoting

Will Underwood, Member-nonvoting

Members Not Present:

Chris Elliot

Jennifer Fidler

Tom Hartner

Larry Morris

Richard Moyer

Autumn Nitz

Randy Roach

John Valentine

PJ Waters

Reserve Staff in Attendance:

Eric Brunden

Angela Underwood

Sarah Johnston

Karen Oliver

Others in Attendance:

Hank Burch

Katherine Kuhn, SALT

Approval of Previous Minutes:

Kevin Anson pointed out misspelling of plant name in the last meetings' minutes under Stewardship. The correct spelling is tung oil. He then made the motion for approval of the minutes. Minutes were approved.

Old Business:

No old business was brought forward for discussion.

New Business:

Reserve Manager Report:

Reserve Manager Angela Underwood updated the committee on the status of Reserve operations.

Angela announced the interview process for Coastal Training Program Coordinator was completed, and the person who accepted is scheduled to start on January 17, 2023. Still looking for an Education Coordinator.

NERRS/NERRA Annual Meeting was in October in Seattle. It was last attended in 2019 due to Covid. It is a requirement of the yearly Reserve operations award for staff to attend. Work is on national level initiatives to advance reserves. Davis attended for Research, Eric attended for stewardship, Amy King attended for Education and CTP, and Angela attended for Operation and Management of Reserves.

A proposal was submitted through the Infrastructure Investment and Jobs Act (IIJA) for the acquisition of the Maury tract, a 40-acre parcel adjacent to the Meadows. A letter of intent was accepted. It is the first year of the grant and is a very competitive application. It would be a new source of money if we were awarded the funds.

All reserves were given the opportunity to submit on the Capacity Building Fund through IIJA which is a non-competitive award. This award would be for the next 4 ½ years. It would allow us to hire and pay project staff to develop restoration and acquisition proposals for the competitive funding.

Staging for the kayak launch has begun. Once staging is complete it will be a couple of weeks after the material arrives. It will also provide easy access to the pontoon boat ramp and the boardwalk. We hope to use social media and possibly have a ribbon cutting by the commissioner. It is funded through ACAPM CZM 306a public access funds matched with State Funds. SALT has raised \$8,000 dollars to support the installation of the kayak launch. Once it is open, we will need signage. There are conceptual drawings for parking spaces planned and still in the works as well as for a larger parking area.

Patti and Will spoke about a meeting that was held at the Reserve on December 7th. Participants included Mark Osler (NOAA Senior Advisor for Coastal Inundation and Resilience) and regional members from the AL House of Representatives. Participants were offered the opportunity to learn what the Reserve does and how the facilities here are used. There was a discussion on how ACAMP grant money is used and the diversity

of things funded through the programs and how it works with the Weeks Bay Reserve staff. There were small sessions and was a very good day.

Will explained to the committee how ACAMP program funding goes to local communities and how several subrecipients were able to present to NOAA and the representatives on the impact of the funds. Foley has used funds for comprehensive plans for public access, Gulf Shores for several beach walkovers and South Alabama Planning Commission to assist smaller municipalities with comprehensive planning projects.

Also on Dec 7, there was a large group from the SE State Parks Program Annual Seminar who visited the Reserve as part of their conference fieldtrip. Staff lead two boat trips and boardwalk tours in the morning and two in the afternoon. Nancy Raia with the Eastern Shore Art Center taught an art lesson with participants, and NOAA and the State Reps were able to see how facilities and state resources are used with educational groups.

Connie asked whether education is the main objective of the Reserve or is it research? Angela explained that it is research to help inform management and conservation which is accomplished through education, training and stewardship. Many people see us just as an education place because of the visitor center and boardwalks. We need to do a better job at telling our story and explaining the research being done. We can incorporate interpretive signage at the reserve to educate visitors on the research and stewardship being done here.

Kevin asked if we need to do individual invitations to better educate people on what we do here. Will remarked that we have had several upper-level staff from NOAA visit in the past. We have been able to show them the research and work being done here. It is beneficial when it comes time to ask for funds. But we should do more invitations to State Reps and Senators.

Research Report:

Scott recently attended the Southeast Climate Science Symposium – which was an opportunity for scientists and researchers to discuss and share current information and lessons in relation to climate change. The new Reserve Margaret Davidson Fellow presented at the symposium.

Scott attended a workshop held by the manufacturer of discharge monitors of waterways. They are acoustic for tidal systems and placing one at the mouth of Weeks Bay would be more accurate and beneficial for our use. Other gauges are north of the bay, one on CR 32 and one on Hwy 104.

Weeks Bay was chosen as a test site to use disaster resilient platforms which were designed by students from the U.S. Naval Academy. We have the design in hand and have Federal funding for one platform and hurricane supplemental funding which will replace two maybe three stations on pilings.

Education Report:

The Reserve held many fieldtrips over the past few months including the State Parks conference; three trips for BirdFest; adult trips; and a lot of school trips. The school trips have included elementary gifted programs which have a specific curriculum on wetlands this year. We also hosted a middle school gifted group. The middle school curriculum focused on geography and landforms. After learning about the estuary, landforms, and water, the teacher wanted kids to do a zombie apocalypse survival plan incorporating all the information they learned. (For all our fieldtrips, we were fortunate to have help from Five Rivers and ACAMP staff as well as SALT staff and volunteers).

Stewardship Report:

Staff are integrating better and helping each other to move forward. We are working with staff to improve efficiencies, make the best use of time, and make the volunteer program stronger. Leland, our Maintenance Supervisor, is a hard worker and has great knowledge. Luke is a part time laborer and works well with him– they are great on projects.

GulfCorps started in September and is helping with firebreaks, removing invasives and re-decking the overlook at the end of the nature trail. We will get burns in as weather permits. Need to pull in partners and volunteers to help. With volunteers, we need to keep people engaged on a monthly or bimonthly schedule. SALT has agreed to help with volunteers. Connie has worked hard on educating the SALT board on the needs of the Reserve and SALT have offered to fund a part-time volunteer coordinator.

CTP/Watershed Report:

There is a new CTP coordinator.

The Reserve co-hosted with NOAA a two-day workshop in September for coastal managers on facilitation basics – the workshop was virtual. Weeks Bay, Grand Bay and NOAA will also host a social science basics workshop to coincide with Bays and Bayous in January.

Gulf CTP coordinators sent a letter of intent for a NERRS Science Collaborative science transfer grant. If accepted will write a full proposal to hire the company, Impact by Design, to develop workshops for outreach/training staff across the Gulf related to behavior change principles and strategies.

Angela spoke to Jackie Mcgonigal with the City of Orange Beach on water watch trainings. Will work with Jackie and new Reserve staff to train water monitors within the Weeks Bay watershed.

December 13th Weeks Bay Reserve served as a polling location for a vote on zoning of district 38– outcome was it did not pass.

Other Business:

Roger: On-going avian flu outbreak – there is no place to take injured birds right now – call Roger if you get calls on dead/injured water-fowl – they can test them for avian flu.

Will: We sent 5 letters of interest for IJA funding. We were one of the successful states in the competition. 3 out of the 5 (2 for ACAMP and one for the Reserve) were accepted for full proposals, and we are waiting on feedback.

Adjournment:

Kevin motioned for adjournment and Roger seconded. Meeting was adjourned at 3:40 pm.

Weeks Bay Advisory Committee
Wednesday, December 14, 2022

Name	Agency	Initials	Proxy	Name
Anson, Kevin	ADCNR, Marine Resources Division	Ka	CUR	Cory Rhodes
Borom, John	Coastal Alabama Community College			
Calderone, Sommer	Environmental Studies Center	SC		
Campbell, Ashley	Baldwin County Commission			
Clay, Roger	ADCNR, Wildlife and Freshwater Fisheries Division	ABC		
Elliot, Chris	Alabama Senate - Seat No. 32			
Fidler, Jennifer	Alabama House of Representatives - Seat No. 94			
Hartner, Tom	Baldwin County Board of Education			
McCurdy, Patti	ADCNR, State Lands Division	PM		
Morris, Larry	Citizen Representative			
Moyer, Richard	Citizen Representative			
Nitz, Autumn	Alabama Department of Environmental Management			
Quinn, Debbie	Citizen Representative	Q		
Roach, Randy	Citizen Representative			
Underwood, Will	ADCNR, State Lands Division	ur		
Valentine, John	Marine Environmental Sciences Consortium			
Waters, PJ	Auburn University Marine Extension & Research Center			
Whitaker, Connie	South Alabama Land Trust	r		
Staff				
Brunden, Eric				
Calametti, Davis				
Oliver, Karen				
Johnston, Sarah				
Phipps, Scott				
Underwood, Angela		AU		
NOAA				
Chasse, Matt				

Hank Burd
KATHERINE ADCNR-SAD
 KUN SALT

HB

Final Evaluation Findings

Weeks Bay National Estuarine Research Reserve

April 2007 to September 2015

Published July 2016



Office for Coastal Management
National Ocean Service
National Oceanic and Atmospheric Administration
United States Department of Commerce

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Executive Summary

The Coastal Zone Management Act requires the National Oceanic and Atmospheric Administration's Office for Coastal Management to conduct periodic evaluations of the performance of state programs participating in the National Estuarine Research Reserve System. This evaluation examined the operation and management of the Weeks Bay National Estuarine Research Reserve by the Alabama Department of Conservation and Natural Resources, the designated lead agency, for the period from April 2007 to September 2015. The evaluation focused on three target areas: program administration, partnerships and collaborations, and science to management and education.

The findings in this evaluation document will be considered by the NOAA Office for Coastal Management in making future financial award decisions concerning the reserve. The evaluation came to these conclusions:

This evaluation concludes that the Alabama Department of Conservation and Natural Resources is adhering to the programmatic requirements of the National Estuarine Research Reserve System in the operation of the Weeks Bay National Estuarine Research Reserve.

Necessary Action: The Weeks Bay National Estuarine Research Reserve must submit a revised five-year management plan to NOAA by September 30, 2016 and finalize the management plan in the Federal Register by December 31, 2016.

Recommendation: The Office for Coastal Management encourages the reserve to strengthen the Needs and Opportunities section of the research and monitoring plan in the draft management plan and to include specific research and monitoring needs that would further the reserve's priorities.

Recommendation: The Office for Coastal Management encourages the reserve to strengthen the stewardship section of the draft management plan through the inclusion of (a) a discussion of the watershed management planning effort for the Weeks Bay area and how it will be used to guide restoration efforts at the reserve; (b) describe the status of restoration and conservation plans and the relationship between the plans and watershed management plan for the Weeks Bay area; (c) a general description of restoration activities that are likely to occur within the reserve boundary including living shorelines; (d) a discussion of the primary purpose, restoration, of building living shoreline projects within the core boundary; and (e) include specific projects that are already planned for the reserve and for which funding has been obtained and projects are in, or have completed, the permitting process.

Recommendation: The Office for Coastal Management strongly encourages the reserve to include the following in the draft management plan: (1) a communication plan to increase community and partner awareness of the reserve's mission, accomplishments, and educational

and recreational opportunities, and to identify strategic communication opportunities to further the reserve's priority issues; and (2) a more robust volunteer plan that considers how the volunteer program can help support cross-sector issues and assist with implementation of the communication plan. If the communication plan cannot be completed in time to be included in the new management plan, the reserve should consider including a task in its next cooperative agreement to complete the plan.

Recommendation: The Office for Coastal Management encourages the reserve to explore and pursue opportunities to more deeply engage and effectively use its advisory board.

Recommendation: The Office for Coastal Management encourages the Alabama Department of Conservation and Natural Resources to maximize the utilization of the reserve's unique combination of education, training, stewardship, and research and monitoring to inform and assist future restoration efforts in the Gulf.

Recommendation: The Office for Coastal Management encourages the Weeks Bay National Estuarine Research Reserve to focus on integrating sector efforts with priority issues.

Recommendation: The Office for Coastal Management encourages the Weeks Bay National Estuarine Research Reserve to capitalize on its cross-sector restoration expertise by considering restoration as a priority issue when revising its management plan, and identifying its unique niche to complement other restoration efforts in the region.

Accomplishment: The Weeks Bay National Estuarine Research Reserve has been a national leader in creating a disaster response plan that serves as a resource for reserve staff members; provides emergency responders with information on reserve priorities, infrastructure, and natural resources; guides internal response actions and details capabilities; and presents the incident command structure. The reserve worked with other Gulf reserves to create a model disaster response plan and a template that has been adopted by the National Estuarine Research Reserve System.

Accomplishment: The Alabama Department of Conservation and Natural Resources and Weeks Bay National Estuarine Research Reserve have successfully worked with partners to acquire and protect over 900 acres of key habitats in a rapidly growing watershed.

Accomplishment: The Weeks Bay National Estuarine Research Reserve continues to have a strong volunteer program that contributes over 5,000 volunteer hours yearly in support of the reserve's mission.

Accomplishment: The Weeks Bay National Estuarine Research Reserve and partners successfully completed a Science Collaborative Program project, "Exploring the Cost-Effectiveness of Restored Marshes as Filters of Runoff Pollution in a World of Rising Seas," that capitalized on the strength of both research and monitoring and the Coastal Training Program.

Accomplishment: The Weeks Bay National Estuarine Research Reserve has built regional capacity to implement low-impact-development techniques to improve stormwater management cost-effectively.

Accomplishment: The Weeks Bay National Estuarine Research Reserve Coastal Training Program has served in a leadership role in the Gulf and has worked with the other Gulf Coastal Training Programs to secure funds to support a region-wide coordinator. The addition of this position has enabled the Gulf Coast reserves to provide numerous additional trainings for coastal decision makers on regional priorities.

Accomplishment: The Weeks Bay National Estuarine Research Reserve continues to implement the successful Grasses in the Classes program, engaging students in restoration efforts; developed Art Without Limits in partnership with the Eastern Shore Arts Center, a popular summer day camp program that combines art and field studies to teach children, including underserved populations, about local environments; and hosted one of five regional Teachers on the Estuary workshops in the Gulf, providing local teachers with valuable hands-on experience to improve understanding of the environment using local examples, as well as providing resources and experience to support the incorporation of estuary and watershed topics into classroom teaching.

Program Review Procedures

The NOAA Office for Coastal Management evaluated the Weeks Bay National Estuarine Research Reserve in fiscal year 2015. The evaluation team consisted of Carrie Hall, evaluation team lead; Hank Hodde, site liaison; Todd Davison, director, Southern Region; and Jennifer Harper, environmental administrator and manager of the Apalachicola National Estuarine Research Reserve. The support of the reserve staff was crucial in conducting the evaluation, and this support is most gratefully acknowledged.

NOAA sent a notification of the scheduled evaluation to the commissioner of conservation at the Alabama Department of Conservation and Natural Resources, published a notice of "Intent to Evaluate" in the *Federal Register* on August 6, 2015, and notified members of Alabama's congressional delegation. The reserve posted a notice of the public meeting and opportunity to comment in *The Press-Register* on July 19, 2015.

The evaluation process included a review of relevant documents and a survey of stakeholders, which helped identify three target areas for the evaluation: program administration, partnership and collaboration, and science to management and education. A site visit was conducted and the evaluation team held meetings with staff members and group discussions with stakeholders and program staff members about the target areas. In addition, a public meeting was held on Wednesday, September 9, 2015, at 6:00 p.m. at the Weeks Bay Auditorium at 11300 U.S. Highway 98, Fairhope, Alabama, to provide an opportunity for members of the public to express their opinions about the implementation of the reserve. Stakeholders and members of the public were given the opportunity to provide written comment via email or U.S. mail through Friday, September 18, 2015. No written comments were received. The NOAA Office for Coastal Management then developed draft evaluation findings, which were provided to the reserve for review, and the reserve's comments were considered in drafting the final evaluation findings.

Final evaluation findings for the national estuarine research reserves highlight each reserve's accomplishments in the target areas and include recommendations, which are of two types:

Necessary Actions address programmatic requirements of implementing regulations of the Coastal Zone Management Act. These must be carried out by the dates specified. Failure to address necessary actions may result in a future finding of non-adherence and the invoking of interim sanctions, as specified in the Coastal Zone Management Act §312(c).

Recommendations are actions that the office believes would improve the program but which are not mandatory. The state is expected to have considered the recommendations by the time of the next evaluation or dates specified.

Evaluation Findings

Program Administration

The reserve is located administratively in the Coastal Section of the State Lands Division in the Alabama Department of Conservation and Natural Resources. The coastal program and reserve continue to share a GIS specialist, educational specialist, and an accounting clerk, and the coastal program grants manager provides direct support to the reserve. In addition, a coastal stewardship position at the department provides support for stewardship activities along the coast, including the reserve. The director of the coastal program regularly attends staff meetings, and the reserve is taking a lead role in the coastal program's new Section 309 Community Resiliency Initiative.

Management Plan

All national estuarine research reserves are required by the Coastal Zone Management Act to have five-year management plans. The current Weeks Bay Reserve Management Plan 2007-2012 is out of date. A draft management plan was submitted to the Office for Coastal Management for comment in September 2015.

The reserve should ensure that its management plan meets the Reserve System Management Plan Guidelines and Resources of 2013. The management plan should lay out clear and concrete objectives for the next five years. The reserve is strongly encouraged to identify one or two high-priority coastal management issues toward which every sector would contribute. The issues should be used to focus staff effort and increase active collaboration across sectors. The reserve staff members should work together to design a cross-sector approach to the priority issues and meet regularly (for example, quarterly) to discuss progress, brainstorm solutions to challenges, identify funding opportunities and discuss budgets, identify opportunities to work across sectors, and identify and agree upon the path forward to achieve the priority issues. The reserve should also strategically consider what partnerships will need to be strengthened or developed and the level of engagement that will most effectively and efficiently achieve the priority issues. Since the evaluation site visit, the reserve has identified climate impacts and land use changes as coastal management priorities that will be addressed in the new management plan.

The implementing federal regulations of the reserve system (921.13(a)(9)) require that management plans include, "If applicable, a restoration plan describing those portions of the site that may require habitat modification to restore natural conditions." The reserve should ensure that the new management plan includes a discussion of the ongoing watershed management plan development process in the Weeks Bay Area and how it will guide future reserve restoration activities. The reserve's management plan should also describe the status of the tract level restoration and conservation plans that are being developed by 2020 and the relationship between those plans and the watershed planning effort for the Weeks Bay area. The reserve's management plan should also include a general description of restoration

activities that are likely to occur within the reserve boundary including living shorelines and discuss the primary purpose, restoration, for building living shoreline projects within the core boundary. In addition, descriptions of any specific projects that are already planned for the reserve and for which funding has been obtained and projects are in, or have completed, the permitting process should also be included. This information will also be valuable as extensive restoration projects are being planned and initiated in the Gulf. Funding agencies, including other offices within NOAA, often reference plans to determine if proposed projects are included.

The reserve should also prioritize the development of a strong and robust research plan within the management plan. The research plan should take into consideration the key information needs of local coastal decision makers and identify the reserve's priority research and monitoring needs, including those related to the priority objectives. The reserve staff should then reach out to the research community, such as Dauphin Island Sea Lab and the Mississippi Alabama Sea Grant Consortium, to make them aware of the reserve's high-priority research and monitoring needs. One researcher the evaluation team met with noted that they wished to give more back to the reserve and conduct monitoring that would benefit the reserve. Another partner in the region noted that they were interested in furthering research that benefited the reserve but that they did not know the reserve's research priorities. Other stakeholders the evaluation team heard from noted that the reserve's research program was not well known in some research circles, which might be limiting opportunities, and that the reserve could benefit from proactively seeking research and support. The reserve is also completing a new dormitory facility that will increase its capacity to support researchers. A robust research plan and associated outreach could assist in attracting resources and research and monitoring to the reserve to accomplish high-priority objectives.

Staffing and Funding

The reserve has well-respected and dedicated staff members that are working at capacity. During the evaluation period, the reserve acquired land and took on new land management responsibilities and has been successfully building out its facilities. As the reserve's responsibilities grow, the need to be strategic and resourceful will increase. The reserve should consider if there are activities that could be addressed through a partnership or concession, such as conducting boat tours in the reserve. Currently, the stewardship coordinator is the only staff member with a captain's license, and about 25 percent of the coordinator's time is spent giving boat tours to students and other interested parties. The reserve must also turn down requests from groups because of lack of capacity. The reserve could investigate a partnership with a nonprofit or grant a concession to run boat tours that would emphasize the role of the reserve. This would free up time for the stewardship coordinator to develop management plans for reserve properties and conduct stewardship activities while also providing opportunities for additional local groups to get out on the water and learn more about the reserve. In addition, the reserve could benefit from a system-side monitoring technician (Weeks Bay is one of a few reserves that does not have a technician position), a splitting of the coastal training program and watershed coordinator position, and potentially other positions as funding allows.

During the evaluation period, the reserve has successfully pursued additional funding sources to support its work, for example a partnership to obtain a Science Collaborative grant, and has secured funding to restore the existing canals that were part of the previous recreational vehicle park. With flat funding and increasing responsibilities, the Office for Coastal Management encourages the reserve to continue to look for additional funding opportunities to support priority objectives of the reserve. Another opportunity that was brought up during the site visit was the potential sale of timber to assist with, and fund, restoration activities.

The reserve has a long-standing partnership with the Baldwin County School District. The education coordinator is an employee of the school district and provides programming at the reserve for county schoolchildren. The position is currently a 10-month appointment, so the reserve does not have an education coordinator for two months during the summer. The education coordinator is planning to retire in 2016. The Baldwin County School District is facing budget restrictions, and concerns were raised by stakeholders that the district might choose to eliminate the position. Stakeholders that the evaluation team met with encouraged the reserve to build and nurture the relationship with the school board, for example, by holding a Baldwin County School Board meeting at the reserve. The reserve has an excellent education program, and a new education coordinator will have a strong platform to build on, including the existing market analysis and needs assessment. The Office for Coastal Management encourages the reserve to plan for the transition to a new education coordinator and to ensure that the reserve education coordinator position, one of three core reserve positions, is staffed in a timely manner.

Advisory Board

The reserve has a large advisory board that brings a diversity of expertise and potential partnerships to the table. The reserve should explore opportunities to more deeply engage and effectively use its advisory board members to provide constructive feedback and further reserve priorities. For example, advisory board members can serve as a voice and carry the reserve's message to their constituents, and engage in projects as partners or provide technical assistance. The advisory board may also be used to help identify the goals, objectives, and strategies of future management plans. The Office for Coastal Management has staff members who can facilitate the reserve working with board members to develop a process that more deeply engages the advisory board in furthering the mission of the reserve.

Facilities

In 2008, the 5,000 square foot Weeks Bay Resource Center was completed. The Resource Center has two buildings, one funded through a NOAA construction grant and the second funded through the Coastal Impact Assistance Program. At the time of the site visit, the reserve was also in the process of constructing a new dormitory facility with Coastal Impact Assistance Program funds. The Department of Conservation and Natural Resources also provided additional funding to complete the dormitory. Stakeholders that the evaluation team met with

highlighted the importance of the new dormitory in supporting research and research collaborations at the reserve.

The reserve completed a Facilities Master Plan and Study in 2011. The Facility Master Plan and Study prioritizes new and improved facility projects into three tiers and provides guiding principles related to future facility design. As the reserve continues to build out, the Department of Conservation and Natural Resources will need to prepare for the additional maintenance costs and staff time required for expanded facilities. The Office for Coastal Management encourages the department to support any increases in maintenance costs, allowing the reserve to continue to use NOAA funds to support the ongoing programmatic work.

During the evaluation site visit, participants pointed out some issues with the reserve's technology infrastructure, including the phone system and technology. Since the site visit, the department has been working to upgrade the phone system and technology infrastructure. Improving the reserve's technology infrastructure will enable the reserve to work efficiently and effectively and capitalize on new ways of efficiently communicating information.

Disaster Response Plan

After the Deepwater Horizon incident, reserves in the Gulf region became acutely aware of the importance of being prepared for disasters. Weeks Bay Reserve, along with the other four Gulf reserves, received support from the Office for Coastal Management and the NOAA Office of Response and Restoration's Disaster Response Center to develop disaster response plans and a template that could be used by reserves nationwide. Reserve staff members used data from past habitat surveys conducted by the stewardship and research sectors to identify sensitive areas to be avoided if practicable by first responders. Research areas such as the sentinel sites are also included in the plan. Bathymetric studies were included to help responders avoid shallow water and subsequent negative effects to important benthic habitat. The plan provides emergency responders with information on reserve priorities, infrastructure, and natural resources; guides internal response actions and details capabilities; and presents the incident command structure. As part of the planning process, the coastal training program also hosted workshops, and a stakeholder the evaluation team met with stated that "the training had better prepared their local government for a disaster." The template and disaster plans of Weeks Bay and other Gulf reserves have served as a model for the National Estuarine Research Reserve System.

Land Acquisition and Land Management

Both Mobile and Baldwin Counties have experienced rapid population increases, as well as urban growth. Baldwin County has been identified as one of the fastest growing counties in the state of Alabama, with the population increasing 18 percent from 2007 to 2015 to an estimated 203,709 (U.S. Census Bureau). Such growth has led to changes in land use in the Weeks Bay watershed. These changes have resulted in loss of habitat and increased nonpoint source

polluted runoff that has impacted water quality. The population is projected to continue to grow rapidly. Numerous partners in the region are working together to preserve more of the area's land to protect the estuary's resources and provide recreational opportunities.

The reserve's management area has been expanded through the acquisition of lands with funding and assistance from the Alabama Forever Wild Land Trust, NOAA, The Conservation Fund, Weeks Bay Foundation, and Baldwin County Commission. The reserve has also been supported in these efforts by the Alabama Coastal Foundation, Audubon Society, Dauphin Island Sea Lab, Mobile Bay National Estuary Program, The Nature Conservancy, and U.S. Fish and Wildlife Service. The reserve has successfully partnered with organizations in the region to protect lands and the local estuarine ecosystem. Many stakeholders the evaluation team heard from cited land acquisition as the reserve's most important accomplishment over the evaluation period.

The reserve's draft management plan proposes expanding the reserve boundary to include seven tracts acquired by the State of Alabama from 2007 to present totaling 962 acres, including the Pryor tract (11 acres), Key tract (40 acres), Dever tract (64 acres), Metcalf tract (30 acres), Matrin tract (63 acres), Lipscomb tract (40 acres), and Meadows tract (685 acres). In addition, the expansion includes 1,790 acres of water bottom adjacent or in close proximity to these tracts that are held in title by the State Lands Division. The acquisition of additional lands has increased the stewardship responsibilities of the reserve. The Office for Coastal Management encourages the Department of Conservation and Natural Resources and Weeks Bay National Estuarine Research Reserve to consider staffing and state resources needed to manage additional lands before acquiring additional parcels.

Volunteer Program

The reserve has a strong volunteer group (Weeks Bay Volunteer Board) that contributes over 5,000 volunteer hours a year to the reserve, greatly enhancing the reserve's capacity to conduct educational programming and other activities. The volunteer group conducted its 22nd native plant sale in 2015, placing over 40,000 native plants into local landscapes, educating hundreds of people on the value of native plants and expanding awareness of exotic invasive species. Over the years, the volunteer group has raised over \$200,000 to support the reserve. The volunteer group also established an arboretum on the old Safe Harbor RV park site. Reserve volunteers serve as ambassadors in their community, educating their neighbors about the reserve's activities, mission, and recreational and learning opportunities. The reserve has a volunteer coordinator that manages the volunteer program and provides outreach within the community, supports key programmatic needs for the sectors and conducts training for new volunteers. The Office for Coastal Management commends the reserve for its strong volunteer program and encourages the reserve to develop a more strategic and robust volunteer plan as part of its new management plan that addresses how the volunteer program can help support cross-sector priorities and communication plan priorities.

Communication

The reserve has a small visitor center, fishing pier, boat ramp, and over two miles of trails for the public. The evaluation team heard from stakeholders and partners who noted that the reserve had room to grow in raising awareness within the local community about its mission, its priority objectives, and the educational and recreational opportunities the reserve provides to the public. The NOAA Office for Coastal Management encourages Weeks Bay Reserve to strategically consider opportunities for raising awareness within the local community and new methods of reaching the public, such as newspapers, *Outdoor Alabama* articles, radio shows, social media, or other avenues. The reserve should consider whether it wishes to prioritize educational opportunities through outreach or to bring additional visitors to the reserve. Visitation to the reserve could increase community engagement and provide learning opportunities to the local community. A new 32-mile bike trail ending at the reserve was being constructed at the time of the site visit and will likely provide the opportunity to draw more visitors. The reserve will need to balance these opportunities with the potential increased workload that higher visitation will bring. The Office for Coastal Management encourages the reserve to develop a communication plan as part of its new management plan that builds on its Public Access and Visitor Use Plan, or to include a task to complete the communication plan in its next cooperative agreement.

Cooperative Agreements

The reserve is required to report semi-annually on its progress in meeting grant tasks. The Office for Coastal Management encourages staff members to focus progress reporting on the larger outcomes and impacts of their work and less on the daily details, such as the number of meetings attended. The information write-ups for the progress report could also be used to supplement other communication efforts, such as communicating the reserve's accomplishments to the surrounding communities and agency leadership. The Office for Coastal Management also encourages the reserve to work to ensure that awards are closed out in a timely manner at the end of the initial award period and not extended.

Necessary Action: The Weeks Bay National Estuarine Research Reserve must submit a revised five-year management plan to NOAA by September 30, 2016 and finalize the management plan in the Federal Register by December 31, 2016.

Recommendation: The Office for Coastal Management encourages the reserve to strengthen the Needs and Opportunities section of the research and monitoring plan in the draft management plan and to include specific research and monitoring needs that would further the reserve's priorities.

Recommendation: The Office for Coastal Management encourages the reserve to strengthen the stewardship section of the draft management plan through the inclusion of (a) a discussion of the watershed management planning effort for the Weeks Bay area and how it will be used to guide restoration efforts at the reserve; (b) describe the status of restoration and

conservation plans and the relationship between the plans and watershed management plan for the Weeks Bay area; (c) a general description of restoration activities that are likely to occur within the reserve boundary including living shorelines; (d) a discussion of the primary purpose, restoration, of building living shoreline projects within the core boundary; and (e) include specific projects that are already planned for the reserve and for which funding has been obtained and projects are in, or have completed, the permitting process.

Recommendation: The Office for Coastal Management strongly encourages the reserve to include the following in the draft management plan: (1) a communication plan to increase community and partner awareness of the reserve's mission, accomplishments, and educational and recreational opportunities, and to identify strategic communication opportunities to further the reserve's priority issues; and (2) a more robust volunteer plan that considers how the volunteer program can help support cross-sector issues and assist with implementation of the communication plan. If the communication plan cannot be completed in time to be included in the new management plan, the reserve should consider including a task in its next cooperative agreement to complete the plan.

Recommendation: The Office for Coastal Management encourages the reserve to explore and pursue opportunities to more deeply engage and effectively use its advisory board.

Accomplishment: The Weeks Bay National Estuarine Research Reserve has been a national leader in creating a disaster response plan that serves as a resource for reserve staff members; provides emergency responders with information on reserve priorities, infrastructure, and natural resources; guides internal response actions and details capabilities; and presents the incident command structure. The reserve worked with other Gulf reserves to create a model disaster response plan and a template that has been adopted by the National Estuarine Research Reserve System.

Accomplishment: The Alabama Department of Conservation and Natural Resources and Weeks Bay National Estuarine Research Reserve have successfully worked with partners to acquire and protect over 900 acres of key habitats in a rapidly growing watershed.

Accomplishment: The Weeks Bay National Estuarine Research Reserve continues to have a strong volunteer program that contributes over 5,000 volunteer hours yearly in support of the reserve's mission.

Science to Management and Education

Restoration

The Weeks Bay Reserve is uniquely positioned with its education, stewardship, coastal training, and education programs to provide expertise and support to Gulf restoration efforts. The reserve's education program continues to implement the very successful Baldwin County Grasses in the Classes Program, empowering students to take action to restore beaches and salt

marshes and instilling a sense of coastal stewardship of their coast. Every year since 2006, hundreds of high school students grow native plants in their school and then plant them on public lands in the county. The program has restored coastal dune and salt marsh/brackish-water habitats. The work of students and community volunteers has resulted in thousands of hours dedicated to grass and shoreline restoration projects at Bicentennial Park in Stockton, Little Lagoon in Gulf Shores, Boggy Point in Orange Beach, several sites around Weeks Bay, Gulf State Park, 5 Rivers Delta Resource Center, Camp Beckwith, Perdido Pass Beach, and the Bon Secour National Wildlife Refuge.

The reserve and coastal program also lead the Alabama Coastal Cleanup, the largest annual volunteer event in the state. The campaign is an opportunity to educate the public about the sources and effects of ocean trash and provides the public with an opportunity to participate in the solution to marine debris. Over the last 26 years, volunteers in Alabama have removed almost 1.5 million pounds of marine debris from state waterways.

With the acquisition of new lands, the reserve stewardship program is moving forward with stewardship planning and restoration activities. The stewardship coordinator developed restoration management plans for the Damson and Foley tracts, and implementation was slated to begin in 2015 with a restoration focus on pitcher plant bog and longleaf pine communities. Eventually restoration management plans are to be developed for all tracts. During the evaluation period, Alabama State Parks has increased its support, allowing the reserve to conduct burns for restoration purposes. The reserve has also made progress on restoring the Safe Harbor tract, including the removal of infrastructure from the previous recreational vehicle park and successfully applying for funds to restore the dead end canals.

The reserve partnered with Dauphin Island Sea Lab, Weeks Bay Foundation, University of Alabama, Mississippi Department of Marine Resources, Mississippi State University, and Northern Michigan University and received a National Estuarine Research Reserve Science Collaborative Program grant for the project, "Exploring the Cost-Effectiveness of Restored Marshes as Filters of Runoff Pollution in a World of Rising Seas." The study looked at the cost-effectiveness of restored marshes as filters of runoff pollution and evaluated the effect of sea level rise on the health and services provided by the restored wetland designs. The study compared how different planting densities affected the health and functionality of the plants and the effect of projected 2030 sea levels. During the project, the researchers developed a new method to mimic sea level rise in coastal habitats in situ. The project also included a survey of local residents and visitors to gain insight on the public's understanding of marshland restoration and comprehension of conservation terminology. The results of this project will be integral to developing effective restoration designs that can be used to maximize the environmental benefits of the forthcoming restoration projects along the Gulf Coast. The reserve's research and monitoring and coastal training programs were both key in the project, and the coastal training program coordinator worked with a committee to engage stakeholders in the design of the study, the research, and communication of results.

The reserve's research program has also provided support and assistance to other researchers and graduate research fellows conducting restoration-related and other coastal and marine research. A graduate research fellow who the evaluation team met with noted that the support of the reserve staff was "unbelievable" and the combination of science and exposure to policy was very valuable. Former graduate research fellows are now serving in roles supporting regional coastal resource management, including an extension specialist in coastal ecology with the Mississippi-Alabama Sea Grant and the research coordinator for the Apalachicola National Estuarine Research Reserve. The reserve is also coordinating a research symposium to be held in August of 2016 that will highlight current and previous research conducted at the reserve.

The Coastal Habitat Restoration Planning Initiative is a new effort being undertaken by the Mobile Bay National Estuary Program, with funding from the National Fish and Wildlife Foundation's Gulf Environmental Benefit Fund. Comprehensive plans will be developed to identify the highest priority restoration and conservation needs within the tidally influenced watersheds that directly feed into Mobile Bay. The Mobile Bay National Estuary Program partnered with the Baldwin County Soil and Water Conservation District, which then put out a request for proposal to develop a watershed management plan for the water of Weeks Bay. The Weeks Bay Coastal Training Program coordinator and education coordinator served on the committee to select a firm to complete the plan. The coastal training program coordinator continues to support the project as a member of the Weeks Bay Watershed Management Plan Stakeholder Working Group. The working group is tasked to help steer plan development, contribute technical assistance, and provide data to the contractor team. The plan is expected to be completed in March 2017. This coast-wide planning effort provides significant opportunities for the reserve to contribute research, data, and stewardship-related information and training and education knowledge to help in the restoration and protection of Weeks Bay. The Office for Coastal Management encourages the reserve to continue supporting this watershed planning effort and to engage across sectors to support the development of the plan, ensuring that relevant reserve monitoring and research data are incorporated into plan development, and to support efforts to measure if plan implementation is making a difference.

The Weeks Bay Reserve Coastal Training Program has worked with partners to equip local government staff members and officials, consultants, and others with the knowledge to restore coastal habitats and best approaches for living shoreline projects. A series of workshops has helped to develop and communicate best practices. In 2013, the Gulf reserves held two workshops on the planning and principles of ecological restoration, and in 2014 the Weeks Bay and Grand Bay Reserves hosted the newly developed Coastal Restoration Project Design and Evaluation workshop. In 2014, the coastal training program coordinator co-facilitated a workshop for the Alabama Living Shoreline Collaboration, "Living Shorelines: Ecology and Engineering Workshop." The workshop aimed to identify the ecological and engineering aspects of shoreline protection methods that combine to make the projects successful. The workshop brought together experts from universities, nonprofit organizations, private industry, and federal, state, and local officials to discuss the best approaches to make living shorelines on the Gulf coast as effective and economical as possible. The Weeks Bay Foundation provided boats

and ferried conference participants to the living shoreline along the reserve's Swift tract in south Mobile Bay.

The coastal training program also conducted a number of other trainings that address restoration, many in partnership with other Gulf reserves. For example, the reserve partnered with the Grand Bay Coastal Training Program and Gulf Regional Training Program to provide trainings on using blue carbon as a management tool for conservation and restoration of coastal wetlands. The workshops provided planners, practitioners, and other restoration specialists with a perspective on blue carbon concepts, market and policy opportunities to increase the value of wetland conservation and restoration, and the importance of their integration in restoration and conservation planning and practice.

The reserve has a strong partnership with The Nature Conservancy and worked with them to create almost 2,000 feet of oyster reef breakwaters along a stretch of the reserve's Swift tract shoreline in 2012. The project was funded and supported by the National Fish and Wildlife Foundation, Gulf of Mexico Foundation, and the NOAA American Recovery and Reinvestment Act. It is anticipated that the oyster reef breakwaters will serve to protect and stabilize eroding shorelines, provide nursery and foraging habitat for juvenile finfish and shellfish, decrease turbidity in water column, and dampen wave energy. The breakwaters are galvanized metal baskets that are filled with rock and then covered with oyster shell. In addition, two osprey platforms were installed at the northern and southern ends of the breakwaters. An additional 1.6 miles of oyster reef breakwater has also been funded with Phase III Deepwater Horizon Oil Spill Natural Resource Damage Assessment funds. The breakwaters are a new form of restoration, and research and monitoring will need to be done to evaluate and understand the physical, biological, and economic impacts. The reserve may also consider designating a control site, an area where no breakwaters will be built, to better understand the long-term effects of this type of restoration. The new breakwaters provide an opportunity for the reserve to conduct or partner with others to conduct research and monitoring. The reserve's system-wide monitoring program and sentinel site data could provide valuable information to researchers, practitioners, and local decision makers involved in restoration activities. In addition, the coastal training program could offer training on evaluating the impacts of restoration to practitioners in the region. The breakwater can also provide educational opportunities for students visiting the reserve.

The reserve has expertise in restoration across all sectors and has extensive data that can assist with restoration efforts across the Gulf. The Office for Coastal Management encourages the reserve, in its management plan revision, to identify its unique niche to complement other restoration efforts in the region and to consider restoration as a priority issue area.

Coastal Resilience

The Weeks Bay Reserve has led, or assisted, in key efforts to support coastal resilience. The Gulf region regularly faces a number of coastal hazards, including hurricanes, high rates of erosion due to sea level rise and land subsidence, and coastal flooding during rainstorms. As part of a

Gulf-wide effort, the coastal training program has worked with local communities to build community resilience to coastal hazards through a Coastal Resilience Index Workshop. The workshops bring together elected officials, public works directors, emergency managers, and other leaders at the community-government level to take an in-depth look at their community's level of resilience. The participants discuss 57 indicators in a Resilience Index organized in six categories to identify vulnerabilities, capitalize on strengths, and assess future impacts of disasters. The Resilience Index also helps communities look at how prepared community businesses such as grocery stores and fuel distributors are, as well as the social systems such as civic organizations and churches that have a strong presence in the community.

The Resilience Index has been completed by 47 communities across the Gulf of Mexico, and 74 facilitators have been trained to deliver the tool and provide technical assistance to the communities that use it. The reserve's evaluation of the training program shows that the workshops raise participants' understanding of the community as a whole, and that they "had an opportunity to become aware of the preparations and measures in place by other agencies in our community and how they will respond to a storm event"—and "We are viewing more as a group than by individual departments." The index was also recently expanded to evaluate the resilience of the tourism and fisheries industries, which will provide opportunities for the coastal training program to engage with additional community sectors.

EXAMPLE: Perdido Beach

The Town of Perdido Beach conducted a Community Resilience Index (CRI) workshop to identify challenges resulting from coastal storms and participated in a climate adaptation workshop. Participation in the workshops led the town to participate in an initiative sponsored by the Sustainable Communities Institute, an eight-month leadership academy program designed to build the capacity of six local communities in the Gulf Coast to implement practical resilience measures. The collaboration resulted in the Coastal Training Program, other partners, and the town hosting two public visioning sessions and drafting plans to assist the town with sustainability issues. In 2013 the mayor of Perdido Beach was invited to participate as one of 26 members of the President's State, Local and Tribal Leaders Task Force on Preparedness and Resilience, one of only two representatives from the Gulf Coast.

The coastal training program has also provided a number of additional workshops to help coastal decision makers improve resilience. Examples include a partnership with Apalachicola and Grand Bay Coastal Training Program to deliver "An Interactive Sea Level Rise Workshop: Protecting Coastal Communities by Linking Science and Citizens" at each reserve as part of a Gulf of Mexico Alliance Environmental Education Team initiative. The trainings were designed using feedback from local officials to address concerns about reducing risks and costs, protecting infrastructure and economies, and understanding uncertainties about sea level rise. The reserve has also hosted workshops to increase community understanding of the National Flood Insurance Community Rating System: "CRS for Your Community: Guidance and Incentives to Enter and Succeed in the Community Rating System" and "Weathering Future Floods: Reducing Costs and Risks through the Community Rating System."

The reserve is currently in the process of establishing a sentinel site program that will provide researchers with the information needed to study the response of natural marsh communities to sediment elevation, long-term changes in local water levels, and tidal inundation patterns. At the time of the site visit, the reserve had completed the installation of vegetative transects; installation of sediment elevation tables and access by boardwalk; installation of a National Water Level Observation Network tide station; and leveled sediment elevation tables to tide station. The reserve has partnered with the U.S. Geological Survey, NOAA's Center for Operational Oceanographic Products and Services, Grand Bay Reserve, researchers from the University of Alabama and Southern Illinois University, and volunteers from the AmeriCorps program and Outward Bound to establish the sentinel site program. The reserve also has plans to partner with the Geological Survey of Alabama and the Alabama Department of Transportation. The reserve has worked particularly closely with Grand Bay Reserve in the development of its sentinel site program, including the installation of surface elevation tables and conducting real time kinematic surveys. The Office for Coastal Management encourages the reserve in its efforts to establish and build out its sentinel site program, and also to connect the data and research findings with coastal decision makers and partnership groups in the Gulf of Mexico.

The sentinel site program will provide valuable information on changes over time that can inform the efforts of coastal decision makers to improve resilience. Scientists and partners that the evaluation team met with pointed out the value of the reserve's monitoring and geospatial data. The Office for Coastal Management encourages the reserve to promote and incorporate the use of sentinel site data into all sectors, and in particular, ensure that the coastal training programs is able to provide coastal decision makers with the latest data and research regarding coastal changes.

The reserve has also been able to incorporate climate resilience into two Teachers on the Estuary (TOTE) trainings. These trainings are part of a new national initiative of the National Estuarine Research Reserve System to provide teachers with hands-on, field-based, professional development sessions to support high-quality estuary education. In 2010, a TOTE workshop was held using the newly developed Estuaries 101 middle school curriculum, which aligned with the National Estuarine Research Reserve System's System-wide Monitoring Program and the system's climate change initiative goals. In 2015, the Gulf education coordinators each hosted a Teachers on the Estuary training focused on resilience (see also "Partnerships and Collaborations, Regional").

Coastal Community Planning, Stormwater Management, and Water Quality

The coastal training program has had a strong focus on stormwater management, best management practices, floodplain management, and water quality throughout the evaluation period. The coastal training program has provided a number of trainings on low impact development practices, innovative methods that collect runoff and allow it to soak into the ground before it leaves a property to protect the health of waterways. The stormwater and water quality training provided by Weeks Bay was cited by stakeholders who the evaluation

team met with as “practical” and “real world.” The program was commended for being a good resource for science, research, and data for watershed design and planning. Another stakeholder noted that their city relied on the reserve and national estuary program for training, education and outreach. Another stakeholder noted that officials have become more receptive to addressing water quality issues because of the trainings provided. A partner from the coastal program also discussed how seven of ten major nonpoint source issues were related to land use and the value of the watershed trainings to help address nonpoint source issues.

The coastal training program coordinator worked through the Watershed Program and Auburn University on installation of low impact development practices in an impaired watershed and completed phase one of a guidebook. The coastal training program partnered with the Department of Environmental Management, Auburn University, Alabama Cooperative Extension System, and others to form the Coastal Alabama Stormwater Team to serve as a resource to decision makers and other groups for stormwater management education and support. Through the efforts of the team, the guidebook evolved into the statewide *Alabama Low Impact Development Handbook* published in 2013. With Alabama homebuilder and general contractor organizations, the same team hosted a 2014 Low Impact Development Summit. The reserve, Mobile Bay National Estuary Program, and others collaborated on the development of the Create a Clean Water Future initiative that provides resources online at www.cleanwaterfuture.com.

The coastal training program also collaborated with agencies, municipalities, and local groups to achieve approval of enabling legislation and a ballot initiative for a Baldwin County, Alabama, fee-based stormwater authority. The coastal training program participated in outreach programs in support of the initiative. The ballot initiative came up for a vote in 2010 on the heels of the Deepwater Horizon disaster and was defeated. Although, the ballot initiative was not successful, the coastal training program’s influence has continued to improve stormwater management in the county. Stakeholders who the evaluation team met with noted that some developers were incorporating the techniques into their developments even though they are not required, and local government staff members the evaluation team met with were very interested in incorporating more low impact development techniques into their communities.

EXAMPLE: City of Fairhope adopts first low impact development ordinance in region

In 2015, in part through the efforts of the watershed program and coastal training program, the City of Fairhope incorporated low impact development into its zoning regulations and ordinance. The City of Fairhope was the first municipality in the region to incorporate low impact development requirements into its zoning code and it serves as a model for other jurisdictions.

The issue of water quality is also supported by the efforts of the reserve’s research and monitoring program. Weeks Bay has had a series of massive harmful algal bloom outbreaks in recent years. The system-wide monitoring data provide over 18 years of continuous records of hyperoxic and hypoxic events. The reserve’s monitoring program provides long-term water quality data sets that have contributed to valuable research results leading to a better

understanding of Weeks Bay. For example, the system-wide monitoring program data have been used by the research coordinator in partnership with other researchers to look at the factors driving primary productivity in Weeks Bay, and the key inputs for productivity modeling to determine if a hypoxia event is likely to occur. The watershed program has conducted additional monitoring to help address impairments on Fish and Magnolia Rivers and their tributaries. From 2009 to 2011, bacterial source-tracking testing was completed in partnership with the Weeks Bay Foundation, Mobile Bay National Estuary Program, and University of West Alabama. The Department of Environmental Management has used the reserve's data in its effort to develop nutrient criteria for estuarine and coastal waters consistent with the Clean Water Act and the U.S. Environmental Protection Agency's National Nutrient Strategy. The Office for Coastal Management encourages the reserve in its efforts to address stormwater and water quality through increased understanding of the dynamics of Weeks Bay and training, education, and technical assistance to coastal decision makers and members of the public.

Deepwater Horizon

Immediately following the Deepwater Horizon spill, staff members and reserve resources were used to conduct baseline sampling in support of the Natural Resources Damage Assessment. Staff members were responsible for sample chain of custody and data management. The Weeks Bay Coastal Training Program partnered with Grand Bay Reserve to complete an additional needs assessment after the Deepwater Horizon oil spill. The programs attempted to capture any new training needs to better meet the needs of decision-maker audiences. Results were not dramatically different but reiterated the ongoing needs of local and regional audiences, such as Incident Command System, shoreline cleanup assessment techniques, and first aid.

Sector integration

The above examples highlight projects where reserve staff members have worked on common issues of importance to the reserve and region. Although reserve staff members assist each other when needed, there is room to increase active collaboration and engagement and better integrate sector efforts toward achieving priority goals. The Office for Coastal Management encourages the reserve to target one to two priority issues in the new reserve management plan and for staff to regularly come together to plan and implement across sectors to achieve the identified objectives for the priority issues.

Recommendation: The Office for Coastal Management encourages the Alabama Department of Conservation and Natural Resources to maximize the utilization of the reserve's unique combination of education, training, stewardship, and research and monitoring to inform and assist future restoration efforts in the Gulf.

Recommendation: The Office for Coastal Management encourages the Weeks Bay National Estuarine Research Reserve to focus on integrating sector efforts with priority issues.

Recommendation: The Office for Coastal Management encourages the Weeks Bay National Estuarine Research Reserve to capitalize on its cross-sector restoration expertise by considering restoration as a priority issue when revising its management plan, and identifying its unique niche to complement other restoration efforts in the region.

Accomplishment: The Weeks Bay National Estuarine Research Reserve and partners successfully completed a Science Collaborative Program project, “Exploring the Cost-Effectiveness of Restored Marshes as Filters of Runoff Pollution in a World of Rising Seas,” that capitalized on the strength of both research and monitoring and the Coastal Training Program.

Accomplishment: The Weeks Bay National Estuarine Research Reserve has built regional capacity to implement low-impact-development techniques to improve stormwater management cost-effectively.

Partnerships and Collaborations

The reserve has contributed to and benefited from a number of partnerships and collaborations. These partnerships have allowed the reserve to build programming during times when base budgets are not increasing and costs are rising. This section highlights some partnerships and collaborations not discussed in the previous section, “Science to Management and Education.”

Education Program Partnerships

In 2008, the reserve began offering a new summer program, Art without Limits, now known as Squeaky Sneakers, in partnership with the Eastern Shore Art Center. The program targets a wide range of students, including underserved populations such as limited income and special needs students. Squeaky Sneakers is held for several weeks in the summer and is a week long summer day camp program that combines art and field studies to teach about local environments. Students explore the wonders of the Weeks Bay Watershed, seining for critters, taking boat rides, observing nature, and tasting and smelling plants and fruits, all while taking notes and drawing things encountered. The students then return to the classroom to express their experiences through various mediums of art under the guidance of staff from the Eastern Shore Art Center. After being displayed at Weeks Bay, each art piece is exhibited at the center in Fairhope. Squeaky Sneakers won a Gulf Guardian partnership award in 2013.

The education specialist is the reserve lead for summer programming and is assisted by the stewardship coordinator, volunteers, and AmeriCorps VISTA interns. The Eastern Shore Art Center also provides programming assistance, and the director of the Eastern Shore Art Center noted that working with the reserve had allowed them to learn more about the environment and incorporate this information into their activities throughout the region and beyond the coast. The summer education program is supported through competitive grants and partner organizations such as the Weeks Bay Volunteers, Eastern Shore Art Center, Alabama Coastal Foundation, and Baldwin County Soil and Water Conservation District.

Regional

The reserve has strong relationships in the Gulf of Mexico Region and in particular with the Grand Bay and Apalachicola Reserves. The reserve has partnered with Rookery (lead), Grand Bay, Guano Tolomato Matanzas, Mission-Aransas, and Apalachicola to successfully pursue funding and support, including B-WET educational grants. Through a B-WET grant, the Gulf education coordinators were able to work together to develop and host five TOTE workshops, one at each reserve in 2015. TOTE workshops provide valuable research and field-based teacher trainings that improve teachers' understanding of the environment using local examples, and provide resources and experience to support the incorporation of estuary and watershed topics into classroom teaching.

Weeks Bay also worked with a team led by the University of Central Florida that included Apalachicola and Grand Bay National Estuarine Research Reserves, University of South Carolina, and Florida State University and Dewberry, Inc. in the Ecological Effects of Sea Level Rise in the Northern Gulf of Mexico project. The reserve has also contributed to a Climate Community of Practice, which brings together extension, outreach, and education professionals and community officials in the Gulf to learn how coastal communities can adapt to sea level rise, precipitation changes, and other climate-related issues.

The Gulf-based coastal training programs have worked through the Gulf of Mexico Alliance to expand their ability to conduct trainings in the Gulf. In 2008, the five Gulf reserves received funding for a regional training program coordinator to work directly with the alliance's priority issue area teams and the coastal training programs to implement priority trainings. Workshops were conducted at each reserve and in areas where no reserve is located. Building on this effort, the alliance provided funds to the training programs to conduct Community Resilience Index workshops and technical support. Apalachicola Bay, Grand Bay, and Weeks Bay Reserves, along with NOAA and the University of Central Florida, received funding in 2013 to connect citizens to scientists regarding sea level rise. In 2014, the five Gulf Coastal training programs were awarded another grant to conduct regional training in collaboration with the U.S. Environmental Protection Agency's Gulf of Mexico Program. A regional training program coordinator was again contracted to increase the capacity of the reserves and national estuary programs. The Weeks Bay Foundation has served as the financial agent for these grants.

Stakeholders who the evaluation team met with noted the important role the coastal training program coordinator played in regional Gulf of Mexico projects. Because of turnover of coordinators at other reserves, the coordinator served as a mentor to new coordinators in the region and was described as the "glue" that held together regional initiatives.

Weeks Bay Foundation

The Weeks Bay Foundation was incorporated in 1990 as a nonprofit organization to support the Weeks Bay National Estuarine Research Reserve. The foundation continues to support the reserve by providing annual funding to the reserve for various programs and an annual grant

for an education assistant; helping acquire lands that have been transferred to the state to become part of the reserve; sharing of AmeriCorps VISTA volunteers; and serving as a fiscal agent for a number of grants. Although the foundation still provides some support to the reserve, its primary focus is serving as a land trust. The foundation is an accredited land trust and has protected a number of key parcels in both Baldwin and Mobile Counties. The Office for Coastal Management encourages the reserve and foundation to continue to work on strengthening their relationship and identifying and working together on shared priorities. Both the reserve and Weeks Bay Foundation might wish to pursue updating their memorandum of understanding to reflect new opportunities to work together on shared priorities.

Accomplishment: The Weeks Bay National Estuarine Research Reserve Coastal Training Program has served in a leadership role in the Gulf and has worked with the other Gulf Coastal Training Programs to secure funds to support a region-wide coordinator. The addition of this position has enabled the Gulf Coast reserves to provide numerous additional trainings for coastal decision makers on regional priorities.

Accomplishment: The Weeks Bay National Estuarine Research Reserve continues to implement the successful Grasses in the Classes program, engaging students in restoration efforts; developed Art Without Limits in partnership with the Eastern Shore Arts Center, a popular summer day camp program that combines art and field studies to teach children, including underserved populations, about local environments; and hosted one of five regional Teachers on the Estuary workshops in the Gulf, providing local teachers with valuable hands-on experience to improve understanding of the environment using local examples, as well as providing resources and experience to support the incorporation of estuary and watershed topics into classroom teaching.

Evaluation Metrics

Beginning in 2012, national estuarine research reserves began tracking their success in addressing three evaluation metrics specific to their programs. The evaluation metrics include a five-year target and provide a quantitative reference for each program about how well it is meeting the goals and objectives it has identified as important to the program.

Goals and Objectives from the Weeks Bay National Estuarine Research Reserve Management Plan dated 2007-2012:

Metric 1

Goal: Protect and improve habitat and biological diversity within the boundary of the reserve.

Objective: By 2017, develop and implement comprehensive education and interpretation programs to increase knowledge of target audiences to protect and improve habitat and biological diversity within the boundary of the reserve.

Strategy: The Reserve Education Plan calls for the implementation of comprehensive K-12 education and interpretation programs to strengthen student understanding, appreciation, and stewardship of estuaries and associated coastal habitats in an effort to protect and improve habitat and biological diversity within the boundary of the reserve.

Performance Measure: Number of K-12 education programs held annually at the reserve that focus on the value and conservation of estuaries.

Target: 25 K-12 education programs

First Year Results: 40 K-12 education programs

Second Year Results: 47 K-12 education programs

Third Year Results: 37 K-12 education programs

Discussion: The education program greatly exceeded its target each of the past three years.

Metric 2

Goal: Improve decisions affecting estuarine and coastal resources.

Objective: By 2017, use the training and outreach center (Resource Center) for the capacity building of coastal resource managers in an effort to improve decisions affecting estuarine and coastal resources.

Strategy: The Reserve Education Plan calls for the implementation of comprehensive coastal training programs to utilize the Resource Center in building capacity for coastal resource managers and strengthening understanding, appreciation, and stewardship of estuaries, coastal habitats, and associated watersheds to improve decisions affecting estuarine and coastal resources.

Performance Measure: Number of coastal training program (CTP) workshops held annually targeting coastal resource managers and local decision makers and using reserve-specific research to support best management decisions to protect coastal estuaries.

Target: 5 CTP workshops at the reserve, held annually, target coastal resource managers and local decision makers and use reserve-specific research to support best management decisions to protect coastal estuaries.

First Year Results: 9 CTP workshops

Second Year Results: 11 CTP workshops

Third Year Results: 5 CTP workshops

Discussion: The Coastal Training Program met or exceeded its target the past three years.

Metric 3

Goal: Promote education, stewardship, and scientific research focusing on estuarine ecosystems.

Objective: By 2017, provide resources, support, and background data to facilitate independent research projects within the reserve and adjacent associated waters.

Strategy: The reserve will support and facilitate independent research projects of external researchers in the Weeks Bay Reserve boundary, the Weeks Bay watershed, and the Weeks Bay Coastal Area. Resources provided by the reserve include laboratories, lodging, and field sites. Support and facilitation mean providing background data, logistical support, including access to reserve boats, and reserve staff time.

Performance Measure: Number of reserve-supported research projects initiated annually at the reserve that investigate the dynamics and function of estuaries.

Target: 3 reserve-supported research projects initiated annually at the reserve that investigate the dynamics and function of estuaries.

First Year Results: 3 reserve-supported research projects

Second Year Results: 6 reserve-supported research projects

Third Year Results: 5 reserve supported research projects

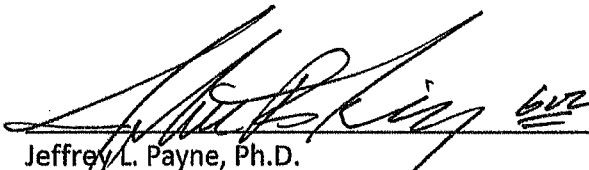
Discussion: The reserve's research program met or exceeded its target all three years.

Conclusion

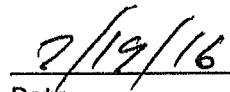
For the reasons stated herein, I find that the State of Alabama is adhering to the programmatic requirements of the Coastal Zone Management Act and its implementing regulations in the operation of its Weeks Bay National Estuarine Research Reserve.

These evaluation findings contain one necessary action and seven recommendations. The necessary action is mandatory and must be completed by the dates given. Recommendations must be considered before the next regularly scheduled program evaluation. Program recommendations that must be repeated in subsequent evaluations may be elevated to necessary actions.

This is a programmatic evaluation of the Weeks Bay Reserve and may have implications regarding the state's financial assistance awards. However, it does not make any judgment about or replace any financial audits.



Jeffrey L. Payne, Ph.D.
Director, NOAA Office for Coastal Management



Date

Appendix A: Response to Written Comments

No comments received.

4.4.1

Wolf Bay Watershed



🏠 Location: Graham Creek Nature Preserve
📅 Date: January 28, 2023
🕒 Time: 10:00 AM

2023 Annual Meeting Agenda

- Welcome - Leslie Gahagan
- 2022 Minutes - Joanne Cox
- 2022 Financial Report - Rick Odess
- Stan Mahoney Youth Fishing Tournament - Robert Davis
- AL Dept. Conservation & Natural Resources State Lands Update
 - Patti McCurdy, ADCNR State Lands Director
- Conservation Shorelines Concept
 - Andrew Saunders
- History of Wolf Bay
 - Leslie Gahagan
- Water Quality Monitoring Updates – Jacqueline McGonigal & Angie Eckman
- 2022 Coastal Cleanup – Nick Williams
- Board Nominations – Leslie Gahagan
 - Expiring: Robert Davis, Brett Gaar, Leslie Gahagan, Nick Williams, Sylvia Womack
- Questions & New Business

Wolf Bay Watershed Watch Annual Meeting February 5, 2022

- Welcome Leslie Gahagan introduced the staff to approximately 60 attendees.
- 2021 Meeting Minutes of the annual meeting in 2021 were approved by Rick Odess and Brett Gaar with all in favor.
- 2021 Finances Rick Odess gave a comprehensive financial report in compound annual growth rate terms over the last 6 years.
- Fishing Tournament Robert Davis and Brett Gaar discussed the Stan Mahoney Youth Fishing Tournament with 30 Anglers participating. Our new venue is Pirate's Cove in Josephine.
- Wolf Creek Restoration Two former WBWW scholarship winners, Katy Hines and Annalise Dodd, presented the plan for restoring the Wolf Bay Watershed with a focus on ecological function, conservation and habitat advancement. The areas of concern are the Madison Reach of Wolf Creek, the OWA reach of Wolf Creek, and Sandy Creek. Some of the issues include impure water quality from farmland runoff, invasive species, urban growth, flooding, and nutrient loading from septic systems.
- Wolf Bay Land Conservation Connie Whitaker of the South Alabama Land Trust in Fairhope spoke about the organization's goal to protect land, and promote environmental education so that residents will enjoy clean water. She noted projects and properties in Mobile, Gulf Shores, Magnolia River, Alabama River, Dauphin Island, Fish River, and Weeks Bay. Sponsored events include the Alabama Bird Fest, paddle trips, nature walks, environmental workshops, and National Habitat Certification.
- Foley's Flood Response Leslie Gahagan spoke about storm water management, the causes including sea rise, storm surge, flash rains, urban growth and poor management. Some of the projects to mitigate these problems include maintaining drainage areas, debris removal, restoration of our wetlands, maintain berms along rivers, headwater restoration, and working with homeowner associations to maintain ponds and drains.
- Water Monitoring Jacqueline McGonigal and Angie Eckman reported on the water monitoring which has occurred since 1998. The water PH stays in the optimum range for wildlife, with an occasional episode of e-coli. With construction in Foley ramping up, there are presently 37 open environmental permits for properties larger than 1 acre, and 50 stop work orders issued for noncompliance in the last 3 months.
- Education Jo Helmich announced our 2021 scholarship winners.
- Board Nominations Jeff Linde moved to accept the reelection of all current officers, seconded by Frances Holk Jones, unanimously accepted.
- Close of Meeting Leslie Gahagan invited all to lunch.

TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bv</i>	4.4.1	<i>Local Partnerships</i>	<i>In year one(1), the County will see to partner with USDA/NRCS to educate Livestock Farmers regarding potential pathogen pollution impacts to local streams</i>	<i>Pathogens</i>	<i>P&Z</i>
Date		Partners	Meeting Topic		
3/8/2023		USDA/NRCS/ASCD Baldwin County Meeting	Gomesa 303D Pasture Grazing Grant Pathogen		

Date: 03/08/2023

Location: Bay Minette USDA

Casey Fulford, April Griffin, & Ashley Campbell

GOMESA Grant Opportunities

Fly Creek 303d listed for "Pasture Grazing"

1. How many cows, horses. How many farms?
2. Water Testing
3. NRCS, Grain Drills for Conservation Practice
4. NERDA, No tillage management practice

AL03160205-0206-102	Bon Secour River	R	Mobile	Baldwin		Swimming Fish & Wildlife
AL03160204-0505-502	D'Olive Creek	R	Mobile	Baldwin	X	Fish & Wildlife Swimming
AL03160205-0205-702	Fly Creek	R	Mobile	Baldwin	X	Fish & Wildlife
AL03160204-0104-100	Halls Creek	R	Mobile	Baldwin		Fish & Wildlife
AL03160205-0202-310	Silver Creek	R	Mobile	Baldwin		Fish & Wildlife Swimming
AL03160205-0204-402	Turkey Branch	R	Mobile	Baldwin	X	Fish & Wildlife Swimming
AL03140106-0203-100	Dyas Creek	R	o	Baldwin		Fish & Wildlife Shellfish Harvesting Swimming
AL03160205-0300-202	Bon Secour Bay	E	Mobile	Baldwin		Fish & Wildlife Shellfish Harvesting
AL03160205-0208-100	Oyster Bay	E	Mobile	Baldwin		Fish & Wildlife Swimming
AL03140107-0202-101	Mifflin Creek	R	o	Baldwin		Fish & Wildlife
AL03140107-0202-102	Mifflin Creek	R	o	Baldwin		Fish & Wildlife Shellfish Harvesting Swimming
AL03140107-0204-302	Perdido Bay	E	o	Baldwin		Fish & Wildlife Swimming
AL03140107-0201-210	Sandy Creek	R	o	Baldwin		Fish & Wildlife Swimming
AL03140107-0201-220	Sandy Creek	R	o	Baldwin		Fish & Wildlife



**BALDWIN
COUNTY
CONSERVATION
DISTRICT**

207 Faulkner Drive Suite 107
Bay Minette, Alabama 36507
251-937-3297
baldwin@alconservationdistricts.org

I. Project Name: Reducing Pollutant Loading into Baldwin County Waterways

II. Project Contact:

April Griffin
District Administrative Coordinator
Baldwin@Alconservationdistricts.org
(251) 937-3297 ext. 3

III. Project Location: Baldwin County Boundary

IV. Project Description

Baldwin County is the fastest growing county in Alabama by total population increase since 2005 and is projected to become the fourth most populous county in Alabama by 2040 (Baldwin County Development Alliance, "Baldwin by the Numbers 2016"). With population growth comes the balance of economic growth and environmental issues. In Baldwin County our waterways face challenges from old and new infrastructure as well as cultural habits. Baldwin County has seen an increase of 303(d) listings jump from 41 to 48 in only 2 years' time, according to the Alabama Department of Environmental Management. This increase is a part of a steady incline over the years and looks to have no decline in the near future unless there is a reduction of pollutants entering our waterways. This project aims to understand the 'what' that is impacting are waterways and bolster programs in place to reduce these impacts.

This project has 4 main objectives meet the authorized uses of the GOMESA Funding opportunity by:

1. Identifying water quality impairments to better target funding.
 - a. Understanding the water quality impairments of Baldwin's waterbodies will allow for conservation measures to be met, mitigation efforts to be implemented, and management measures put forth by watershed management plans to be achieved.
2. Create a network of partners to pursue future funding opportunities for identified impairments.
 - a. By creating a network of organizations, committees, and concerned citizens a robust approach can be achieved to understand the findings of this project as well as pursue other opportunities as a unit. This leveraging approach will allow for funding to be stretched further for implementation of outreach and best management practices to address concerns brought forth in objective one.
3. Bolster an existing program aimed at addressing sediment and erosion into Baldwin County waterways.

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Vice-Chairman

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Secretary/Treasurer

Tobin Street
Supervisor

Dawn Hopper
Supervisor

- a. The availability of this innovative No-Till machinery provides incentives for landowners and land users to voluntarily implement measures and practices in order to reduce nonpoint source pollutant loadings to local coastal waters.
4. Create a new program to address priority issues identified within objective one.
 - a. With the identification of water quality impairments will come a need to address the top priority concerns. This start-up seed funding would allow for quick implementation and direct mitigation of impacts to the natural environment, meeting the objective of the GOMESA funding opportunity.

V. Justification

This project directly meets the purpose and goals of the GOMESA funding opportunity by implementing conservation best management practices that mitigate damage to wildlife and natural habitat. These objectives meet management measures of most of the watershed managements plans completed for Baldwin County watersheds (Weeks Bay, Wolf Bay, Fly Creek, Gulf Frontal, etc. all completed by the Mobile Bay National Estuary Program) and address several local, state, and federal objectives of mitigating impacts to our natural environment while sustaining economic development. Baldwin County has shown its commitment to environmental health by reinstating the Environmental Advisory Committee, whose short and long-term goals reinforce this project usefulness to the community. Existing committees are committed to improving waterways for the betterment of wildlife and public health, these partners will be the driving force behind this effort.

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VI. Estimated Cost & Detailed Budget

Best Management Programs	Qty	Months	Cost	Total
Johne Deere 1590 No-Till Drill - 15 foot	1		\$71,682.44	\$71,682.44
Great Plains End Wheel No-Till Drill - 12 foot	1		\$50,477.58	\$50,477.58
Hay Silage	1		\$30,000.00	\$30,000.00
			Contingency (15%)	\$18,324.00
			Total:	\$170,484.02
Coordination	Qty	Months	Cost	Total
Part-time Employee + Fringe	1	24	\$2,916.67	\$70,000.08
Travel		24	\$250.00	\$6,000.00
Equipment (Laptop+Phone)		24		\$2,600.00
			Total	\$78,600.08
Creation of Mitigation Program	Qty	Months	Cost	Total
Start-up seed funding for impairment mitigation	1			\$100,000.00
			Total	\$100,000.00
Impairment Identification	Qty	Months	Cost	Total
In-Situ Aqua Troll 6200-Cellular Telemetry Units	10		\$10,952.50	\$109,525.00
10-Troll-6200 Mounting Equipment, Installation & Startup; (2 Sites-6 Months Each Location)	20		\$1,550.00	\$31,000.00
Troll 6200 Monthly Maintenance & Grab Sample (Pace Grab Fee \$80.00 Per Site)	10	12	\$300.00	\$36,000.00
Labs Base Line Water Quality Suite Grab -20 Sites (2 Sites, 10 Troll 6200-6 Months Each Location)	20	0	\$1,119.00	\$22,380.00
Lab-Ecoil Sample Analysis (Grab Sample Taken by Instiu)	10	12	\$65.00	\$7,800.00
			Contingency	\$10,000.00
			Total	\$216,705.00
Year 2 Impairment Identification	Qty	Months	Cost	Total
Relocate and Install, Setup & Mounting (10 Troll 6200-2 Sites-6 Months Each Location)	20		\$1,550.00	\$31,000.00
Monthly Maintenance & Grab Sample (Pace Grab Fee \$80.00 Per Site)	10	12	\$300.00	\$36,000.00
Lab Base Line Water Quality Suite Grab -20 New Sites (2 Sites, 10 Troll 6200-6 Months Each Location)	20	0	\$1,119.00	\$22,380.00
Lab Base Line Suite Grab -2 Year for 1st year sites-(Only continue if problems are present, yearly, 5 year or 10 year for pollutant of concern)	20	0	\$1,119.00	\$22,380.00
Lab-Ecoil Sample Analysis (Grab Sample Taken by Instiu)	10	12	\$65.00	\$7,800.00
			Contingency	\$10,000.00
			Total	\$129,560.00
Year 3 Impairment Identification	Qty	Months	Cost	Total
Relocate and Install, Setup & Mounting (10 Troll 6200-2 Sites-6 Months Each Location)	20		\$1,550.00	\$31,000.00
Monthly Maintenance & Grab Sample (Pace Grab Fee \$80.00 Per Site)	10	12	\$300.00	\$36,000.00
Lab Base Line Water Quality Suite Grab -20 New Sites (2 Sites, 10 Troll 6200-6 Months Each Location)	20	0	\$1,119.00	\$22,380.00
Lab Base Line Suite Grab -3rd Year for 1st year sites-(Only continue if problems are present, yearly, 5 year or 10 year for pollutant of concern)	20	0	\$1,119.00	\$22,380.00
Lab-Ecoil Sample Analysis (Grab Sample Taken by Instiu)	10	12	\$65.00	\$7,800.00
			Contingency	\$10,000.00
			Total	\$129,560.00
			Project Cost	\$824,909.10
			In-direct Administration Costs	\$82,490.91
			Project Grand Total:	\$907,400.01

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Secretary/Treasurer

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Supervisor

Dawn Hopper
Supervisor

VII. Goals & Objectives

Complete 6-month rolling collections on 40+ streams around the County. Prioritizing waterbodies identified as 303(d) listed, impaired based on watershed management plans, concerns from citizens and county staff, and other impaired habitat parameters.

Bolster an agricultural equipment rental program to support reduction of sediment loading on production lands by purchasing no-till grain drills to allow producers access to equipment to support this best management practice.

Create a network of partners to address outreach for the identified sources of pollutants (partners would include but not be limited to environmental agencies, public and private utilities, county and state agencies, etc.). Current Established committees to identify 303 d list streams and stream with visual impairments to prioritize which streams would be selected for collection.

Establishment of a new program by year 2 to mitigate impairments identified within objective one.

VIII. Project Schedule

Milestones	Year One				Year Two				Year Three			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Hire Coordinator												
Creation of Network												
Network Meetings												
Sediment & Erosion Program												
Procurement of Equipment												
Outreach												
Active Availability												
Water Quality Collection												
Contractual agreement												
Rotation 1												
Rotation 2												
Rotation 3												
Rotation 4												
Rotation 5												
Rotation 6												
Creation of New Program												

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IX. Cost Sharing

The SWCD will facilitate this best management practice technology through their purchase, maintenance, and stewardship while providing public access to readily use this No-Till Drill machinery at a monetary cost of \$4,500 (Based on the average of the existing program).

The SWCD will conduct 2 or more outreach meetings within the 1st year of having the equipment in place with one of those having a demonstration component. This demonstration will highlight the minimal impact to the soil for planting season. Additionally social media posts will be generated for best management on sediment and erosion control to tie into this program.

Other cost sharing avenues will be explored once the network of partners is established.

X. Relation to Other Efforts

The Baldwin County Environmental Advisory Committee is a Baldwin County Commission appointed Committee to identify and prioritize environmental issues that could be addressed within the county. This project would directly relate to their long-term objective of building a monitoring network to understand water quality impairments and address concerns of the community. This project aims to leverage this committee to identify priority streams for analysis and present finding for future projects.

The Mobile Bay National Estuary Program (MBNEP) comprehensive conservation and management plan provides objectives and suggest activities for the Alabama Coastal Counties. This plan calls for improving water quality, reducing sedimentation, and restoring habitat for fish and habitat, among other conservation measures. The Soil & Water Conservation District, who is a partner of the MBNEP, looks to address some of these management measures within the boundary of the County. Several other partners and agencies within the MBNEP are also addressing aspects of the plan which could lead to leveraging opportunities to build and expand this project.

USDA's Natural Resources Conservation Service is an existing partner of the Soil & Water Conservation District. NRCS mission is to conserve natural resources and provides technical assistance for soil and water health. This project meets best management practices set forth by NRCS through minimal soil impacts and reducing excess nutrients from entering the waterways.

The Pensacola & Perdido Bays Estuary Program (PPBEP) comprehensive conservation and management plan is a useful tool outlining priority measures for "improving the health and sustainability of the Pensacola and Perdido Bays watershed." (CCMP, 2022) This document calls for improving water quality, reducing sedimentation, and restoring habitat for fish and wildlife, among other conservation measures. The Soil & Water Conservation District, who is a partner of the PPBEP, looks to address these management measures within the boundary of the county. Several other partners and agencies within the PPBEP are also addressing aspects of the plan which could lead to leveraging opportunities to build and expand this project.

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Supervisor

Dawn Hopper
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TABLE 4-2 BALDWIN COUNTY PHASE II MS4

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bv</i>	<i>4.4.1</i>	<i>Local Partnerships</i>	<i>Eastern Shore MS4 Meetings in years one(1) through five(5), host or attend one meeting a year</i>	<i>All</i>	<i>P&Z</i>
ESMS4 Meetings					
	Date	Meeting Topic			
	8/14/2022	Partner Updates			
	3/14/2023	Partner Updates			



BALDWIN

COUNTY, ALABAMA



ES MS4 Meeting
Agenda
August 24, 2022, 9:00 AM
Fairhope Satellite Office

- 1) Call to Order
- 2) ES MS4 Partners:
 - ALDOT: Jason White, ALDOT-SW Environmental Coordinator
 - Fairhope: Kim Burmeister-City of Fairhope Code Enforcement
 - Daphne: Tim White-Daphne Environmental Program's Manager
 - County: Ashley Campbell-BC Natural Resource Planner
 - Spanish Fort: Casey Rains, Environmental Manager,
- 3) ES MS4 Partner Discussions
 - A. ALDOT
 - B. Baldwin County
 - C. Daphne
 - D. Fairhope
 - E. Spanish Fort
- 4) Adjournment



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BALDWIN

COUNTY, ALABAMA



ES MS4 Meeting
Meeting Minutes
August 24, 2022, 9:00 AM
Fairhope Satellite Office

- 1) The meeting was called to order at 9:00 am
- 2) Attendance:
 - ALDOT: Jason White, ALDOT-SW Environmental Coordinator
 - Fairhope: Kim Burmiester-City of Fairhope Code Enforcement
 - Daphne: Tim White-Daphne Daphne Environmental Program's Manager
 - County: Ashley Campbell-BC Natural Resource Planner-EAC Secretary
 - Spanish Fort: Casey Rains, Environmental Manager,
- 3) MS4 Discussion
 - A. ALDOT-Jason
 - ADEM's litter statue design and locations
 - Event Calendar Communication ESMS4- Ashley Share Point Page ES MS4
 - Drainage shapefile discussion-ALDOT-Shapefiles Shared-Copy to SharePoint
 - Water Towers-Storage
 - SWOF 36' by drainage area
 - B. Spanish Fort-Casey Rains discussed the following:
 - Living Shoreline on Causeway
 - 143 Acres-Bay Minette Creek.
 - ADEM SRF Project Forgave ½ of Cost
 - Clearwater Ordinance-Example of enforcement
 - All ponds and SWOF at 36"
 - C. Daphne-Tim discussed the following:
 - Low Impact Development requirement of the MS4 permit
 - Letter sent out for SD Detention Maintenance
 - All outfalls 36' all detention ponds
 - D. Fairhope-Kim discussed the following:
 - Letter sent out for SD Detention Maintenance
 - Subdivision Regulations
 - Consistency in Stormwater inspection for outfalls and subdivisions

- All outfalls including private detentions
- Alabama Water Watch

E. Baldwin County-Ashley discussed the following items:

- EAC/EAB Joint Meetings-Wetland Protection Template Ordinance
- BC EAC Farmland Sub-committee
- BC EAC Water Quality Sub-committee
- BC EAC Dirt Road Sub-committee
- Watershed Signage
 - a. Fly Creek-Potential for MS4 Partnerships
 - b. Fish River-Replace the Weeks Bay Watershed Signs

4) The meeting was adjourned at 10:00am.



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BALDWIN

COUNTY, ALABAMA



ES MS4 Meeting
Agenda
March 14, 2023, 9:00 AM
Fairhope Satellite Office

- 1) Call to Order
- 2) ES MS4 Partners:
 - ALDOT: Jason White, ALDOT-SW Environmental Coordinator
 - Fairhope: Kim Burmeister-City of Fairhope Code Enforcement
 - Daphne: Daphne Environmental Program's Manager
 - County: Ashley Campbell-BC Natural Resource Planner
 - Spanish Fort: Casey Rains, Environmental Manager,
- 3) ES MS4 Partner Discussions
 - A. ALDOT
 - B. Baldwin County-Storm Drain Stencil and Watershed Signage Partnerships for MS4 Area
 - C. Daphne
 - D. Fairhope
 - E. Spanish Fort
- 4) Adjournment



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BALDWIN

COUNTY, ALABAMA



ES MS4 Meeting
Minutes
March 14, 2023, 9:00 AM
Fairhope Satellite Office

- 1) The meeting was called to order at 9:00am.
- 2) ES MS4 Partners:
 - ALDOT Jason White, ALDOT-SW Environmental Coordinator
 - Fairhope: Kim Burmeister-City of Fairhope Code Enforcement
 - Daphne: TBD, Daphne Environmental Program's Manager
 - County: Ashley Campbell-BC Natural Resource Planner
 - Spanish Fort: Cody Ledet, Environmental Manager
- 3) ES MS4 Partner Discussions
 - A. ALDOT
 - Fly Creek Hwy 98 Culvert Repair Partnership (MBNEP, City of Fairhope, & Baldwin County) Discussion.
 - Publix's Consent Order Discussion.
 - Education-ACES Master Environmental Discussion
 - Right of Way Trash Discussion.
 - Training for Staff Discussion
 - B. Baldwin County
 - Storm Drain Stencil
 - Inventory of current roads
 - Map decals
 - Choose location of signs
 - Watershed and Stream Signage Partnerships for MS4 Area-Weeks Bay Replacement with Creek Signs, Fly Creek, & Rock Creek
 - Inventory of each jurisdiction's environmental signage
 - Map signs
 - Choose locations of signs
 - C. Daphne
 - Forever Wild Tract north of Cause Way Bridge archeological study discussion.
 - D. Fairhope
 - Fairhope High School Environmental Club Trash Discussion

- ADEM Litter Gitters Grant Discussion-Kim will send Jason grant information.
- USFWS/ACF Pollinator Project-Kim will send out the information.
- Earth Day-April 22-Environmental Education-Watershed. Other MS4s are welcome to attend. Christina is the lead for City.

E. Spanish Fort

4) Adjournment



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TABLE 4-2 BALDWIN COUNTY PHASE II MS4

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1</i>	<i>4.4.1.1</i>	<i>Local Partnerships-Clean Water Future Campaign</i>	<i>Throughout permit cycle continue to support the Clean Water Future Campaign</i>	<i>All</i>	<i>P&Z</i>
		Location	Link-Example		
		Baldwin County EAC Webpage	<u>Environmental Advisory Committee (baldwincountyal.gov)</u>		
		EAC Meeting Minutes	CWF Logo Use on Meeting Minutes		

Environmental Resource Links

Alabama Water Watch : [Alabama Water Watch \(auburn.edu\)](#)

Clear Water Future: Homepage: [Homepage \(CWF\) - Clean Water Future](#)

Environmental Permitting Links

ADEM Coastal Permitting: [Alabama Department of Environmental Management](#)

ADEM Complaints: [Complaints - Alabama Department of Environmental Management](#)

USACE Complaints email: CESAM-RD@usace.army.mil

USACE Permitting email: RD-A_PMOD@usace.army.mil

USACE Wetland Permitting Information: [Mobile District > Missions > Regulatory \(army.mil\)](#)

Volunteer Opportunities in Baldwin County

Alabama Coastal Foundation: [Volunteer \(joinacf.org\)](#)

Partners Against a Litter State:

-Adopt a Mile: [ALPALS - Alabama People Against a Littered State](#)

-Adopt a Stream: [ALPALS - Alabama People Against a Littered State](#)

Mobile Bay National Estuary Program: [Mobile Bay National Estuary Program \(mobilebaynep.com\)](#)

Mobile Bay Keeper: [Volunteer — Mobile Baykeeper](#)

Coastal Clean-Up: [Welcome to the Alabama Coastal Cleanup - Alabama Coastal Cleanup](#)

Master Environmental Education Program: [Baldwin County Master Environmental Educator - Alabama Cooperative Extension System \(;](#)

Graham Creek Nature Preserve: [Volunteer - Graham Creek Nature Preserve \(grahamcreekpreserve.org\)](#)

Watershed Groups:

- Wolf Bay: [Wolf Bay Watershed Watch - Wolf Bay Watershed Watch](#)

- Western Shore of Perdido Bay: *In production*

Example of Clean
Water Future Logo
Use

BALDWIN

— COUNTY, ALABAMA —

Environmental Advisory Committee

MEETING AGENDA

May 2, 2023, 4:00 PM

Robertsdale Central Annex

-
1. Call to Order
 2. Roll Call
 3. Approval of the EAC Meeting Minutes **(04/07/23-EAC MM- Attachment 1)**
 4. New Business
 - a. 2022-2023 MS4 Annual Report and 2023 Audit-June 22, 2023
 - b. MS4 Education Outreach Survey
 5. Old Business
 - a. Water Quality Monitoring Plan Subcommittee Update-GSA & ADEM Updates
 - b. Farmland Protection Subcommittee Update-**(04/20/23 FPS MM- Attachment 2)**
 - c. Bon Secour Watershed Management Plan – Fort Morgan Road Beach Erosion Study-Update
 - d. Dr. Scott Douglas will give a presentation during the June 6th meeting.
 - e. Stream and Wetland Template Ordinance
 6. Other Business/Announcements/Public Comments
 7. Adjournment



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TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1</i>	<i>4.4.2</i>	<i>Articles in Local Media & Brochures</i>	<i>Once per permit cycle, survey Environmental Advisory Committee(EAC) to determine target storm water pollutants and audiences for MS4 Education Outreach Program</i>	<i>All</i>	<i>P&Z</i>
2023			No Activity		

TABLE 4-2 BALDWIN COUNTY PHASE II MS4

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1	4.4.2	<i>Articles in Local Media & Brochures</i>	<i>In years one(1) through five(5) create and update a list of local media outlets</i>	All	P&Z
		Local Media			
		Paper & Magazines			Contact
		Bulletin-ES Courier-Gulf coast News Media			Guy Busby
		Lagniappe			Gabe Tines
		MBNEP Coastal Connection			Christian Miller
		Mobile Press Register			Mark Anderson
		Radio & TV			Contact
		WHEP 1210 AM			Clark Stewart
		WKRG 5 TV Station			Debbie Williams
		Fox 10			Erik Reynolds

TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1	4.4.2	Articles in Local Media & Brochures	<i>Throughout the permit cycle, the County will submit or participate in five(5) Stormwater related materials/Facebook post/articles being released to local media outlet or social media</i>	All	P&Z
Qty	Date	Media Source	Topic		
1	3/27/2023	Face Book	Baldwin County Commission ECUA Tour		
2	3/24/2023	Face Book	Coastal Well Owner Seminar		
3	3/22/2023	Face Book	MBNEP D'Olive Tour		
4	3/1/2023	Face Book	Nature Base Solutions Workshop		
5	1/3/2023	Face Book	Environmental Advisory Awards Nominations		
6	12/19/2022	Face Book	Nature Base Solutions Save The Date		
7	10/1/2022	Magazine	MBNEP Alabama Current Connection		
8	4/19/2022	Face Book	Environmental Advisory Awards Presentation		



Baldwin County, AL Commission

Published by Cloud Campaign · 4d



Baldwin County Commissioners Skip Gruber and Matthew McKenzie, The Environmental Advisory Committee, and several from Baldwin County Utilities took a tour of the Escambia County Utility Authority (ECUA) Central Water Reclamation Facility in Cantonment, Florida on March 13, 2023.

The Baldwin County Environmental Advisory Committee (BCEAC) has identified sewer outfalls to our rivers and bays as an environmental concern for our county. The ECUA facility is state of the art and... See more



[See insights and ads](#)

[Boost post](#)

21

4 comments 1 share



Baldwin County, AL Commission

Published by Cloud Campaign · 6d ·

COASTAL WELL OWNER WEBINAR

Well owners in Baldwin and Mobile counties are invited to attend the Coastal Well Owner Webinar. During this webinar opportunities will be discussed to enroll in a free well water testing program offered by Ann Ojeda at Auburn University. This research endeavor is in partnership with the Alabama Extension Based - Alabama Private Well Program (APWP).

JOIN ONLINE:

When: Choose from 1 of the 4 available dates.

Tuesday, March 14, 2023 - 11:30 a.m. (Webinar 1)

Thursday, March 16, 2023 - 5:30 p.m. (Webinar 2)

Tuesday, April 18, 2023 - 11:30 a.m. (Webinar 3)

Thursday, April 20, 2023 - 11:30 a.m. (Webinar 4)

Where: Webinars will be presented through Zoom

Registration: Registration is required to attend a webinar. All 4 webinars will cover the same information. Register for the date and time that works best with your schedule. The Zoom meeting number and link will be provided upon completion of the online registration.

Webinar 1 Registration Link: <https://tinyurl.com/2rx9xvzs>

Webinar 2 Registration Link: <https://tinyurl.com/yp9d34hp>

Webinar 3 Registration Link: <https://tinyurl.com/yckrkbm8>

Webinar 4 Registration Link: <https://tinyurl.com/2p8355bx>

For more information visit: <http://www.aces.edu/.../baldwin/coastal-well-owner-webinar/>

Coastal Well Owner Webinar



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Baldwin County, AL Commission

Published by Cloud Campaign · 1h



Happy [#WeCareWednesday](#)! Today we are going to touch a little bit on [#Watersheds](#). Commissioner Matthew McKenzie and members of the Baldwin County Planning and Zoning staff joined the Mobile Bay National Estuary Program (MBNEP) to tour the D'Olive Watershed to get an up close view of the past, present, and future of the stream restoration projects. All of these projects showcase the successes of collaborative long-term watershed planning.



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Baldwin County, AL Commission ✓

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The Mobile Bay National Estuary Program (MBNEP), the Baldwin County Commission, and Auburn University-Water Resources Center sponsored a Nature-Based Stormwater Solutions Workshop which was a huge success on February 23 & February 24, 2023 at Baldwin County Central Annex in Robertsdale, Alabama!

Over 50 attendees including municipalities, consultants, engineers, designers, and others from Baldwin and Mobile Counties connected at the workshop to foster use of low impact green... See more



See insights and ads

Boost post

👍 1

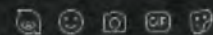
👍 Like

💬 Comment

➦ Share



Write a comment...





Baldwin County, AL Commission ✓

Published by Cloud Campaign · 1h · 🌐

The Environmental Advisory Committee is now accepting nominations for the **2023 Annual Environmental Awards Program** in the following categories:

- Individual Citizens
- Small Business
- Large Business
- Environmental Organization
- Educational Program
- Government Agency
- Student Initiative
- Agriculture/Forestry

The nomination form can be found at: <https://tinyurl.com/ypea9htt>. Please send all completed nomination forms to Ashley Campbell by email at ashley.campbell@baldwincountyal.gov by February 1, 2023!

BALDWIN

— COUNTY, ALABAMA —

Environmental Advisory Committee

2023

Annual Environmental Stewardship Awards

**Deadline For Submissions:
WEDNESDAY, FEBRUARY 1, 2023**

!! SAVE THE DATE !!

Connect with municipalities, consultants, engineers, designers, and others to foster use of low impact green infrastructure technologies during the Nature-Based Stormwater Solutions Workshop on February 23rd and 24th, 2023 at the Baldwin County Central Annex in Robertsdale, Alabama.

Register for the course at: <http://aub.ie/stormwatersolutions>

Registration Fee for course: \$175

SAVE THE DATE!

NATURE-BASED STORMWATER SOLUTIONS WORKSHOP FEBRUARY 23-24, 2023

1.0 CEU (10 HOURS) | \$175
BALDWIN COUNTY CENTRAL ANNEX
ROBERTSDALE, ALABAMA

Connect with municipalities, consultants, engineers, designers and others to foster use of low impact green infrastructure technologies

Registration waived for local government and nonprofit representatives
(registration still required)

CEU's approved from Auburn University

Workshop Sponsorships available for \$250
(includes one registration, logo on agenda, and recognition throughout)

REGISTRATION
[HTTP://AUB.IE/STORMWATERSOLUTIONS](http://aub.ie/stormwatersolutions)

AGENDA COMING SOON
QUESTIONS? LAURA.BELL@AUBURN.EDU

Alabama current connection

FALL 2022 • Vol. XVI, Issue 2

Artists and the Environment: *A Symbiotic Relationship*

BY MARTI MESSICK, COMMUNICATIONS MANAGER
MOBILE BAY NATIONAL ESTUARY PROGRAM

It is hard to overlook the relationship of area artists with our environment – artists are influenced by our coastal environment; likewise, the environment is impacted by artists. *Part 1 cont. on page 2*

I'm So Pink,
by Susan Rouillier
(acrylic on canvas)

- | | | |
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A Symbiotic Relationship | 7 City of Foley:
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| 2 Part 1: Through Their Eyes:
Artists Influenced by Environment | 8 Access: Getting to the Water | |
| 3 Part 2: Through Their Actions:
Environment Impacted by Artists | 9 Squeaky Sneakers | |
| 5 Estuary Reflections: An Invitation
to Help Create a Masterpiece | 10 Conservationist of the Year: ADCNR
Commissioner Chris Blankenship | |
| 6 Coastal Corner: They're Not
Making It Anymore | 11 Water Conservationist of the Year:
City of Foley's Leslie Gahagan | |
| | 12 Spotlight on Local Artists | |
| | 14 Russell Ladd: An Outdoorsman
Who Loved the Delta | |
| | 15 35th Annual Alabama Coastal Cleanup | |
| | 16 Bays and Bayous Symposium:
Finding Balance | |

Through Their Actions: *Environment Impacted by Artists*



Jo Patton's *Building Memories* was the featured artwork for the 2022 Fairhope Arts & Crafts Festival.

You have to be able to muddle things around in your head," Patton said. She describes painting on site, on the beach or a pier, for much of her earlier work.

Many in the community find the parks and access points on the Eastern Shore from Meaher Park south to Mullet Point Park provide opportunity for both natural discovery and personal self-discovery – both are often the inception to artistic work.

Local artists avidly convey their work is influenced by the environment: the tranquility and the tumult, the rhythm and the discord, the serendipitous and the familiar. Inspiration comes from colors, shapes, textures, but more fundamentally from the sense of well-being afforded by time spent outdoors. Something else is apparent...while the environment influences the artists, the artists are having an impact on environment.

The artwork of JD Swiger asks us to face some uncomfortable truths. As Swiger said of his creation *Hammerhead*, "We are the monster." His depiction of a

shark head, made entirely of litter found on our local beaches, is a mask inviting the viewer to become part of the artwork. He created it as a photo op with an intentional message. We may view sharks as frightening, but the pervasive problem of litter is more alarming.

Swiger remembers his mom telling him to leave the beach better than he found it. He lives that message and hopes his artwork inspires others to do the same. Striking mixed media pieces using thousands of cigarette butts found on our Gulf Coast beaches hang in the Swiger Studio in Gulf Shores. Other more whimsical pieces made from plastic sand shovels and sunglasses are reminders that items left behind become pollution in the environment. There is an eye-opening collection at the studio, which not only includes JD's work but his brother Michael's as well. Locals are familiar with the Swiger brothers' murals on area business and school walls. The murals often feature larger-than-life depictions of local wildlife highlighting our coastal ecosystems.



Afterlife by JD Swiger
(cigarette paper and pressed plant life)

As JD says of his creation *Hammerhead*, "We are the monster." We may view sharks as frightening, but the pervasive problem of litter is more alarming.



Hammerhead by JD Swiger
(plastic pollution and resin)

An Invitation to Help Create a Masterpiece

By ROBERTA SWANN, DIRECTOR, MOBILE BAY NATIONAL ESTUARY PROGRAM

Afternoon Glow at Shell Banks by Joanne Brandt (oil on panel)

According to Eden Gallery, the purpose of art in your life is to make you feel something. It can be a feeling of joy, sorrow, anger, and more. Art is a beautiful thing possessing the power to bring people together and give them a sense of peace.

Is not nature a form of art? Have you ever stopped to notice how many shades of green there are in a forest? Or how many blues and purples ebb and flow in Gulf waters? Have you ever closed your eyes and listened to the symphony of crickets, frogs and bird calls, notes high and low, melting into a song of nature? Does a babbling creek bring you joy? Does a clear-cut forest bring you a tinge of sorrow? As I reflect on the many ways nature brings art into my life, I am humbled by the work of so many individuals committed to the preservation of the natural canvas defining our Gulf Coast way of life, so future generations will have the same opportunities we now have to experience peace.

Protecting nature comes in many forms, the simplest being acquisition. There are many entities committed to protecting our coastal landscape including,

but not limited to, the Alabama Forever Wild Trust, Alabama Department of Conservation and Natural Resources, Mobile and Baldwin counties, many coastal municipalities, the Nature Conservancy, South Alabama Land Trust, and Dauphin Island Bird Sanctuaries. According to our annual Grantee Performance Act Reporting, these groups have collectively acquired over 9,000 acres of priority habitats including beaches, wetlands, and upland forests.

Protecting nature is one thing, experiencing it is another. Did you know there are hundreds of locations across Mobile and Baldwin counties to access nature, including 243 public water access points? These sites provide residents and visitors alike with the opportunity to experience the wonder of nature—in the Delta in the black of night, a skyline lit with orange while gigging for yellow frogs amid the grey-green grasses of twilight, or out in the Gulf with the sun on the rise, birds dancing across the sun's rays to the beat of the waves. Our thanks go again to the Alabama Department of Conservation and Natural Resources, Mobile and Baldwin counties, and many coastal

municipalities who recognize the value of being out in nature and providing the possibilities for any and all to experience the joy of a fish jumping, a sun rising, a water still and deep.

In the next several months, the MBNEP will, with the help of our Management Conference members, be re-writing the Comprehensive Conservation and Management Plan for Alabama's Estuaries and Coast. This blueprint for conservation will continue to be based on what people value most about living here: access to the water and open spaces; healthy beaches and shorelines; robust populations of fish and wildlife; preservation of our heritage and culture; environmental and community resilience; and swimmable and fishable waters. I look forward to being a part of the masterpiece to come and invite you to join us in its creation. Share your thoughts and input by scanning the code below or visit mobilebaynep.com/masterpiecesurvey to add to the project.





City of Foley: *Access and Acquisition*

BY AUBREY BLANCO, NATURAL RESOURCES PLANNER, ADCNR STATE LANDS DIVISION, COASTAL SECTION

White top pitcher plants (Sarracenia leucophylla) under a pine savannah are visible from a nature trail at Graham Creek Nature Preserve.

Amidst rapid growth in Baldwin County, the City of Foley is acquiring and preserving natural resources and creating public access for residents and visitors.

In 2008, the Graham Creek Nature Preserve was established to provide conservation education and passive recreation. With more than 500 acres located on the eastern side of Wolf Bay, Graham Creek Nature preserve is one of the largest municipal nature preserves in the State of Alabama. When it was first acquired, Leslie Gahagan, the City of Foley's Environmental and Nature Parks Director, asked the Mayor and City Council to allow her to design a nature preserve with the land. "Graham Creek [Nature Preserve] began as a vision for public access and exposure to our disappearing coastal habitats, but it has blossomed into a treasured city park, valuable educational site for all ages, and an ecotourism destination for passive recreation," said Gahagan. "It is a legacy for the leadership of Foley."

The acquisition of this land was the first step taken to conserve and protect the area. Since then, they have worked to make the land accessible for passive recreation and conservation education, securing numerous grants to build amenities such as a canoe launch, pavilions, boardwalk nature trails, playgrounds, and three disc golf courses – a fourth to be added this fall. In 2016, the Graham Creek Interpretive Center was constructed. Housing multiple nature displays, it is used for educational programs, field trips, summer camps, and workshops.

In 2020, the City of Foley secured funds from the Alabama Coastal Area Management Program to continue the improvement of public access at the Preserve. A boardwalk nature trail was constructed as a joint project between the City of Foley and the Alabama Department of Conservation and Natural Resources (ADCNR) State Lands Division, Coastal Section. Funding for this project was provided in part by the Coastal Zone Management Act administered by the National Oceanic and Atmospheric Administration, Office for Coastal Management. This boardwalk begins west of the canoe and kayak launch, crosses the headwater stream of Graham Creek, and ends on the southern bank. The trail allows visitor access to the southeastern portion of the Preserve increasing accessibility to Graham Creek for bird watching and fishing.

The preserve expanded in 2021 when the Gulf of Mexico Energy Security Act (GOMESA) funded acquisition of 82 acres on the west side. With additional GOMESA funds and anticipated donations of land, the Preserve is expected to double in size over the next two years. The acquisition of this land will be maintained and protected by the City of Foley for generations to come.

Located north of Graham Creek Preserve, just a four-mile paddle up Wolf Bay, sits the City of Foley's Wolf Creek Park, also managed by Gahagan. This land contains approximately 20 acres and was donated by the Baldwin County Commission to the City in 2012. Gahagan and the City of Foley obtained grant

funding to improve the public access at Wolf Creek Park in 2014, with the construction of a canoe and kayak launch, fishing pier, boardwalk, gravel parking area, and small pavilion and picnic area. The City of Foley plans to make additional improvements to provide further amenities to the public. Planned enhancements include a restroom building, playground area, and educational signage to promote sustainable use of the coastal resources. These past and future improvements are part of a joint agreement with City of Foley and the ADCNR State Lands Division, Coastal Section with funding provided in part by the Coastal Zone Management Act of 1972 as amended and administered by the National Oceanic and Atmospheric Administration, Office for Coastal Management. Additionally, in an effort to preserve the natural resources within Foley City limits, Gahagan and the city obtained a GOMESA grant to purchase four acres to conserve the bird rookery south of Wolf Creek Park.

Through these acquisitions and implementation of public access, locals and visitors from all over are able to enjoy the amazing natural resources south Alabama has to offer.

For more information, please visit the Preserve's Interpretive Center at 23030 Wolf Bay Drive in Foley, AL, open Monday through Saturday from 10 a.m. to 4 p.m., or visit online at grahamcreekpreserve.org.



Squeaky Sneakers

BY AUBREY BLANCO, NATURAL RESOURCES PLANNER, ADCNR STATE LANDS DIVISION, COASTAL SECTION

In 2008, Angela Underwood, Manager of the Weeks Bay National Estuarine Research Reserve (NERR) and Nancy Raia, Community Outreach Director of the Eastern Shore Art Center located in Fairhope, AL, collaborated to create a community outreach program known as Squeaky Sneakers.

Through involvement in hands-on environmental education and innovative forms of artistic expression, Squeaky Sneakers promotes the conservation of estuaries and other coastal resources. It began as a summer camp directed mostly toward young children but has grown to include participants who range in age from preschool to senior citizens with diverse backgrounds and abilities.

The program coined its name after a seining trip with one of the groups as part of their innovative environmental learning. Seining requires individuals to enter the water, sometimes waist deep, with shoes on. A large net is cast and dragged toward the shore in hopes of capturing some marine creatures to admire and then release safely. After trudging through water with shoes on, a squeaky noise commenced as the participants eagerly gathered around the net to see what creatures they netted – thus, the Squeaky Sneakers moniker.

Underwood describes how the seining activity is followed by catch-of-the-day artwork. Students draw the seine net,

the animals they caught, and of course, their sneakers.

Underwood explains how participants are offered a different approach to learning through the integration of multiple subjects. They read books introducing a new topic, such as estuaries. They then partake in a hands-on activity reinforcing the information from the book. The students take what they learn from both the book and the activity and express their new knowledge through art. Participants use multiple forms of media, such as watercolors and acrylic paints to create their artwork.

In 2010, the BP Oil Spill devastated the Gulf Coast. To better educate the students and help them understand the impacts of the oil spill on the natural environment, Underwood and Raia taught participants to use black tar paper and acrylic paints to develop art pieces highlighting marine life. Students also used materials such as preserved fish specimens from the Weeks Bay NERR to create fish prints. They painted on the fish, pressed paper over the top, and removed the paper to reveal a lifelike, fish print.

Squeaky Sneakers has been introduced into the classroom at local schools as well. At Fairhope High School, Squeaky Sneakers worked with students from a Consumer Sciences and Fashion Design class. “The students created beautiful fabrics using the Easy Batik lesson,” Underwood recalled. Batik is the art of using some type of resistant (such as wax)

on a fabric, painting the fabric, and then removing the resistant to leave behind a beautiful design. “The students used toothpaste or hand lotion [as the resistant] on the cloth or canvas, and then washed it off after the paint dried,” she described. “They even made fabrics with designs based on estuaries, which they used to create clothing – the clothing was put on exhibit at the Eastern Shore Art Center.”

The program has encouraged participants of all ages and abilities to immerse themselves in science through art, and ultimately develop an appreciation and become stewards of the coastal environment.

To learn more about Squeaky Sneakers, contact Nancy Raia at nancy@esartcenter.org or Angela Underwood at Angela.Underwood@dcnr.alabama.gov. Virtual Squeaky Sneakers lessons can be found on the Weeks Bay Reserve YouTube page.

The Weeks Bay NERR was established in 1986 and is managed by the Alabama Department of Conservation and Natural Resources as part of the National Oceanic and Atmospheric Administration’s National Estuarine Research Reserve System. The mission of the Weeks Bay NERR is to “provide leadership to promote informed management of estuarine and coastal habitats through scientific understanding and encourage good stewardship practices through partnerships, public education, and outreach programs.”

Water Conservationist of the Year

City of Foley's Leslie Gahagan

Leslie Gahagan is the City of Foley's Environmental and Nature Parks Director, managing the Environmental and Nature Parks departments, including the popular Graham Creek Nature Preserve, which she helped establish. The Elberta native was honored as the 2022 Water Conservationist of the Year by the Alabama Wildlife Federation, an award presented to an individual with outstanding contribution to water resource conservation through efforts focused on the protection and improvement of water quality.

Gahagan has over 20 years of experience in conservation. Gahagan began her career as a Stormwater Inspector with the Alabama Department of Environmental Management and joined the City of Foley in 2006. She grew up nearby in Elberta and has dedicated her life to preserving and improving the area in which she lives. She is a Certified Professional in Erosion and Sediment Control and is very active in South Alabama's environmental community. Gahagan serves as the President of Wolf Bay Watershed Watch and is very involved with the Mobile Bay National Estuary Program (MBNEP), serving on the Executive Committee, the Project Implementation Committee, and the Community Action Committee as co-chair. She was also appointed by the Baldwin County Commission to serve on their Environmental Advisory Committee.

To protect and improve water quality in both the Bon Secour River and Wolf Bay watersheds, Gahagan helped spearhead MBNEP's efforts to develop

watershed management plans for these basins. In addition, she updated Foley's development regulations to include low impact development requirements and has

worked as a project manager on several headwater stream restoration projects. In 2014, she worked to restore natural sinuosity and floodplain features to highly impacted channelized segments to improve dissolved oxygen levels in Wolf Creek to improve water quality feeding into Wolf Bay. As Project Manager for the Bon Secour River Headwaters Restoration project, she ensures stormwater flows from Foley are naturally treated and gradually released resulting in the reduction of litter, sediment, nutrients, and downstream flooding. Gahagan is the Project Manager for both the Wolf Creek and Sandy Creek Headwaters Restoration projects, currently completing design to stabilize banks, remove invasive species, and restore degraded stream segments feeding into Wolf Bay. The construction of these projects will begin in 2023.

A significant amount of her time is spent developing, overseeing, managing, and obtaining grant funding for the land management and conservation projects. While wearing many hats, Gahagan continues to be active in public education for stormwater management and water quality. She credits many of her successes to the City of Foley for allowing her to flourish and to her family for their support.

Congratulations to Leslie Gahagan for this prestigious recognition and thank you for your outstanding leadership in water resource conservation.



2022 Water Conservationist of the Year, Leslie Gahagan (right) posing with her best friend and 2018 Water Conservationist of the Year, Ashley Campbell (left).



Melissa Root
instagram.com/root.melissa
Longleaf Morning pastel



My artwork is absolutely influenced by our environment. If anything, there is too much to observe and paint! How wonderful to be faced with such abundance. Late one afternoon on Dauphin Island, near Isle Dauphine Club, painting friends and I climbed onto a nearby dune and looked out over a spit of sand as the sun lowered and cast long shadows onto the nearby sandy rough land. The sun made golden light and violet shadows. I had a feeling of joy and gratitude. My painting of beach shrubbery wasn't so great, but I remember the feeling well.



Frank Ledbetter
frankledbetter.com
Cruising stainless steel



I am very much inspired by the coast, the beautiful animals, and lush landscapes surrounding this area. I love animals, and you can see a lot of different species of birds, fish, and other animals in my work. I have been scuba diving and snorkeling many times and have always felt inspired by the things I have seen on those trips. As a result, many of my works of art are depictions of aquatic life and their environment. The Bay, the Gulf, or Fowl River is where I get the most inspiration. Probably because there is so much wildlife to see near the waterways. I believe that we should do everything we can to maintain a healthy environment and work to restore our endangered habitats such as the Mobile River Delta. And my hope is that my art inspires others to feel the same way.



Janet Hinton
janethinton.com
Fly Creek acrylic on canvas



I paint the water of this area, from the creeks and rivers to Mobile Bay. I first noticed the water and reflections while traveling abroad. I was photographing a bridge but what interested me the most was the reflections of the bridge in the water. When I returned home I painted that reflection from my photographs. Now I photograph and paint just the water with no horizon or shoreline. It is simply the water with its color, texture, lines, and shapes.



Bruce Larsen BruceLarsenArt.com *Blue Heron* sculpture

When my son was a student at the Fairhope K-1 Center years ago, I accompanied his class to Mobile Bay with their Pelican's Nest science teacher Charlene Dindo. They waded out into the water with seine nets and observed the sea life in their own back yard. For a family that had recently moved to Fairhope from a big city, that was a really magical moment! In the lab back at the school was a dwarf seahorse that had also been caught in the bay. That has led to one of my latest projects. The works will be of dwarf seahorses and will involve the community in finding and preserving local metal and informing them about the environmental issues the little seahorses face in the Bay.





35TH ANNUAL ALABAMA COASTAL CLEANUP

Since 1989, the third Saturday of September has become a day many coastal Alabama community members and visitors look forward to every year – the Annual Alabama Coastal Cleanup. This year, thousands of volunteers flocked to the beaches and waterways of South Alabama to partake in the 35th Annual Alabama Coastal Cleanup on Saturday, September 17th. Coastal Cleanup is coordinated by the Alabama Department of Conservation and Natural Resources, State Lands Division, Coastal Section, and Alabama People Against a Littered State (PALS), who join efforts to pull off the largest single-day volunteer event in the State of Alabama. The Alabama Coastal Cleanup aligns with the International Coastal Cleanup, an annual event engaging individuals from all over the globe to remove trash from the world's beaches and waterways. Over the past 34 years, more than 1.7 million pounds (and counting!) of marine debris has been removed from the coastal Alabama waterways and shorelines.

Participants are asked to record the different types of marine debris they collect. Plastic bags, beverage cans, bottles, cups, food containers, and fishing

line are the most common items. The collection of this data provides better understanding of the activities causing marine debris creating a framework to prevent it. Marine debris is an ongoing issue worldwide. Not only unsightly, it is dangerous to the health of surrounding ecosystems and the creatures inhabiting them.

The cleanup is made possible by sponsors and volunteers, many who continue their support and efforts year after year. This event promotes community involvement and helps protect and preserve the beauty of Alabama's irreplaceable natural resources.

YOU can help mitigate the debris in Alabama's waterways and help keep "Alabama the Beautiful." To learn how you can partake in future Coastal Cleanups, head on over to AlabamaCoastalCleanup.com, like us on Facebook@AlabamaCoastalCleanup, or call 251-621-1216.

Alabama current connection

Mobile Bay National Estuary Program
mobilebaynep.com / 251-431-6409

The Mobile Bay National Estuary Program's mission is to lead the wise stewardship of water quality and living resources of Mobile Bay and the Tensaw Delta. The MBNEP serves as a catalyst for activities of estuary stakeholders, helping to build community-based organizational capacity for sound resource management and leveraging commitment and investment to ensure the estuary's sustainability. Follow us on Facebook and LinkedIn.

Alabama Department of Conservation and Natural Resources, Lands Division, Coastal Section
outdooralabama.com / 251-621-1216

In an effort to protect and enhance coastal resources and reduce potential conflicts between environmental and economic interests, the Alabama Coastal Area Management Program (ACAMP) was approved by the National Oceanic and Atmospheric Administration (NOAA) in 1979. The ACAMP is administered through the Alabama Department of Conservation and Natural Resources, State Lands Division, Coastal Section.

Alabama Current Connection is produced biannually by the Mobile Bay National Estuary Program. Support is provided in part by the Alabama Department of Conservation and Natural Resources (ADCNR), State Lands Division, Coastal Section; the U.S. EPA; NOAA; and the Dauphin Island Sea Lab/Marine Environmental Science Consortium.

Alabama Current Connection encourages reprinting of its articles in other publications. If you have recommendations for future articles, please contact:

Marti Messick
 Mobile Bay National Estuary Program
 118 North Royal Street, Suite 601
 Mobile, AL 36602
 Office: 251-380-7937
 E-mail: mmessick@mobilebaynep.com

We reserve the right to edit submissions.

To subscribe, visit mobilebaynep.com/currentconnection.

Funding for this newsletter is provided by Mobile Bay National Estuary Program and the Alabama Department of Conservation and Natural Resources, State Lands Division, Coastal Section, in part, from a grant by the National Oceanic and Atmospheric Administration, Office for Coastal Management Award #21NOS4190139.





Baldwin County, AL Commission

Published by Hootsuite · April 19 at 1:54 PM

The Baldwin County Commission recognized the recipients of the 2022 Environmental Stewardship Awards at the Commission meeting this morning. This was a special time as these awards have not been given out in a little over 10 years! The recipients of the 2022 Environmental Stewardship Awards are as follows:

Dr. Betsy Tipton - Daphne High School's Watershed Acres (Educational Program)

Mr. Dennis Hatfield - Little Lagoon Preservation Society (Environmental Organization)... [See more](#)



[See Insights](#)

[Boost post](#)

56

10 Comments 14 Shares

TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1	4.4.2	Articles in Local Media & Brochures	<i>In year one of the permit cycle, the county will compile and update a list of EPA stormwater related education outreach materials</i>	All	P&Z
		EPA Pollution Prevention	Automotive Repair		
		EPA Concrete Washout	Concrete Washout		
		EPA SPCC Plan Requirements	SPCC		
		EPA Stormwater Smart Outreach Tool	Stormwater Smart Outreach Tools US EPA		
		Infographic Stormwater Flow	Stormwater Flow		
		Stormwater Smart Brochures	Investments		
		Stormwater Smart Brochures	Know What Happens		
		Stormwater Smart Brochures	Suburban Steps		
		Stormwater Smart Brochures	Urban Steps		
		Stormwater Smart Brochures	Presentatoin for Municipal Officials		
		Stormwater Smart Social Media Graphic	Trash		
		Stormwater Smart Social Media Graphic	Bio-retention		
		Stormwater Smart Social Media Graphic	Chemicals		
		Stormwater Smart Social Media Graphic	Parking Lots		
		Stormwater Smart Social Media Graphic	Permeable Pavers		
		Stormwater Smart Social Media Graphic	Rain Garden		
		Stormwater Smart Social Media Graphic	Sprinklers		
		Stormwater Smart Social Media Graphic	Street Sweep		
		Stormwater Tip Sheet for Business	Auto Shops		
		Stormwater Tip Sheet for Business	Construction Crews		
		Stormwater Tip Sheet for Business	Construction for Consumers		
		Stormwater Tip Sheet for Business	Lawn Care		
		Stormwater Tip Sheet for Business	Parking Lots		
		Stormwater Tip Sheet for Business	Restaurants		

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1	4.4.2	Articles in Local Media & Brochures	<i>In year one(1) review the county's building locations for brochure distribution and update as needed</i>	All	P&Z
Qty	Location				
1	Foley Satellite Courthouse Building Department Lobby				
2	Foley Satellite Courthouse Commission Lobby				
3	Foley Satellite Courthouse Planning & Zoning Lobby				
4	Fairhope Satellite Courthouse Probate Lobby				
5	Robertsdale Annex I Planning & Zoning Lobby				
6	Robertsdale Annex I Council On Aging Lobby				

TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1	4.4.2	Articles in Local Media & Brochures	In year two, initiate a tracking system for EO Brochures-Pamphlets distribution	All	P&Z
Total Locations	Location			2022 Qty In	Qty Out
1	Foley Satellite Courthouse Building Department Lobby			10	
2	Foley Satellite Courthouse Commission Lobby			10	
3	Foley Satellite Courthouse Planning & Zoning Lobby			10	
4	Fairhope Satellite Courthouse Probate Lobby			10	
5	Robertsdale Annex I Planning & Zoning Lobby			10	
6	Robertsdale Annex I Council On Aging Lobby			10	

Table 4-2 Baldwin County Phase II MS4
MCM 1- Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1</i>	<i>4.4.2</i>	<i>Articles in Local Media & Brochures</i>	<i>Create two stormwater education brochures to targeted pollutant every permit cycle</i>	<i>All</i>	<i>P&Z</i>
Quantity	Brochure Title				
1	Wetland Brochure				

WETLAND FACTS

- Baldwin County has an estimated 300,000 acres of wetlands - 260,000 acres are freshwater and 40,000 have saltwater influence.
- In the Southeast, 96% of the commercial catch and over 50% of the recreational seafood harvest are fish and shellfish that depend on the estuarine and coastal wetland system.
- Wetlands provide habitats for many waterfowl game species and for endangered and threatened species, such as Alabama redbelly turtles, wood storks, and bald eagles.
- 1 acre of wetlands can store 1,000,000 to 1,500,000 gallons of floodwater. Nearly half of the wetlands in the U.S. are located in the Southeast.
- May is American Wetland Month.
- February is World Wetlands Month.



WETLAND REGULATORY CONTACTS

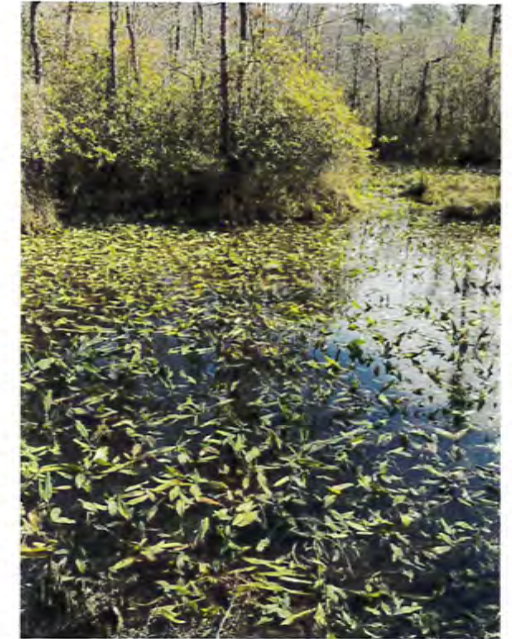
- Environmental Protection Agency (EPA) www.epa.gov/owow/wetlands
- U.S. Army Corps of Engineers Permits 251-690-2658
- AL Department of Environmental Management 251-450-3400
- Baldwin County Zoning & Subdivision Regulations 251-580-1655 [Planning & Zoning \(baldwincountyal.gov\)](http://baldwincountyal.gov) (<https://baldwincountyal.gov/departments/planning-zoning>)



VISIT CLEANWATERFUTURE.COM
FOR STORMWATER MANAGEMENT
RESOURCES.

Baldwin County Planning & Zoning
Natural Resource Planning
251-580-1655
planning@baldwincountyal.gov

WETLANDS



WHAT ARE WETLANDS?

The term wetland refers to lowlands covered by shallow and sometimes temporary intermittent waters. Wetlands are sometimes referred to as swamps, marshes, or bogs. Wetlands are transitional areas between terrestrial and aquatic ecosystems where the water table is typically at or near the surface. Three criteria must be present for an area to be categorized as a wetland.



1. Wetland Hydrology - is defined as inundation or saturation by surface or groundwater at a frequency and duration sufficient to support a prevalence of hydrophytic vegetation typically adapted for life in saturated soil conditions.
2. Hydrophytic vegetation - "water-loving" plants that live in wetlands.
3. Hydric Soils - Often dark in color, these soils are formed when conditions of saturation, flooding, or ponding are present long enough to

WHY ARE WETLANDS IMPORTANT?

- They act as natural "sponges" that absorb flood waters.
- Wetlands also act as a filter for our drinking water.
- Wetlands are home to many fish and wildlife species.
- Wetlands serve as a "stop over" for migratory birds.
- Wetlands provide food and offer breeding/spawning grounds for many fish and wildlife species.
- Wetlands also provide numerous recreational opportunities.



HOW DO I KNOW IF I HAVE WETLANDS ON MY PROPERTY?

If you suspect you have wetlands on your property visit Baldwin County Revenue's Parcel Map at [Baldwin County ISV3 \(kcsgis.com\)](https://isv.kcsgis.com/al.baldwin_revenue/) (https://isv.kcsgis.com/al.baldwin_revenue/) to determine if potential wetlands are present. If so, you may need a wetland delineation and federal, state and local wetland permits prior to any development.

Local wetland regulations can be found in the Zoning Ordinance and Subdivision Regulations of Baldwin County [Planning & Zoning \(baldwincountyal.gov\)](https://baldwincountyal.gov/) (<https://baldwincountyal.gov/department/planning-zoning>)



TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1bv	4.4.3	Website P&Z Environmental	<i>In year 1 of the permit cycle, work with the County's Marketing Department to create & design a separate county environmental web page which will inform and involve individuals and groups on how to participate in storm water programs</i>	All	P&Z & Marketing
Web Page			Link		
Environmental Advisory Committee			Environmental Advisory Committee (baldwincountyal.gov)		
Natural Resource Page			Stormwater Information (baldwincountyal.gov)		

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Our mission is the protection of Baldwin County Natural Resources:
Wetlands, Streams, Forests, and etc.



[Baldwin County MS4](#)

[Water Quality Monitoring Data](#)

[Annual Environmental Stewardship Awards Nomination Form](#)

Baldwin County partners with the Mobile Bay National Estuary Program (MBNEP) and Alabama Water Watch Program to offer training, water quality kits and chemicals. For more information regarding AWW visit their website at the following link: [Alabama Water Watch \(auburn.edu\)](#).

Title	Type	Size	
 wolf-bay-watershed-study	pdf	1379 KB	Download
 fish-river-amp-magnolia-river-watershed-study	pdf	1991 KB	Download


Environmental links below:


[- Regulators - QCI Training - Technical Resources](#)


[- Alabama Coastal Foundation](#)


[- Mobile Bay National Estuary Program](#)


[- Baldwin County Master Environmental Education \(MEE\) Program](#)



 PERMITS
&
 LICENSES



 OPEN OR
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 BUSINESS



 PUBLIC
 RECORDS



 PUBLIC
 NOTICES



 MAKE A
 PAYMENT



 MOTOR
 VEHICLES


 COURTS


 MEETING
 AGENDAS


 ALERTS


 MAPS


 MEET YOUR
 COMMISSION

OPPORTUNITIES

TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bv</i>	<i>4.4.3</i>	<i>Website P&Z Environmental</i>	<i>In year 2 of the permit cycle, work with the County's Marketing Department to release the new environmental web page.</i>	<i>All</i>	<i>P&Z & Marketing</i>
Web Page			Link		
Environmental Advisory Committee			Environmental Advisory Committee (baldwincountyal.gov)		
Natural Resource Page			Stormwater Information (baldwincountyal.gov)		

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[- Baldwin County Master Environmental Education \(MEE\) Program](#)












 PERMITS & LICENSES	 OPEN OR CLOSE BUSINESS	 PUBLIC RECORDS	 PUBLIC NOTICES	 MAKE A PAYMENT	 MOTOR VEHICLES	 COURTS	 MEETING AGENDAS	 ALERTS	 MAPS	 MEET YOUR COMMISSION	OPPC
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TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1biii	4.4.4	Environmental Workshops	During the permit cycle, host or sponsor 2 education outreach workshop with at least 1 targeting land development community	Sediment, ALL	P&Z
Qty	Date	Workshop Title	Location		
1	3/21,22,23 & 24/2023	Wetland Training	Foley		
2	2/23 & 24/2023	MBNEP Nature Base Solutions	Robertsdale		
3	9/21 & 22/2022	Clear Water: Creek to Coast	Daphne		
4	5/9,10 & 11/2022	Wetland Plant Identification Course	Foley		



MARCH 21-24, 2023 WETLAND TRAINING

Wetland Identification and Delineation Training

This workshop will cover the Corps of Engineers' 3-parameter approach to identifying wetlands and **delineating** their upper boundaries. Learning through a combination of classroom presentations and examination of field sites in the local area, participants will be trained to recognize wetlands. Gena Todia, Wetland Resources Environmental Consulting, and **Sanderson Page, soil scientist and professional soil classifier, are the workshop instructors.** The workshop is hosted by Baldwin County Commission, the City of Foley, Grand Bay NERR, Weeks Bay NERR and NOAA. Thanks to our sponsors below.



Other
Sponsors



**Municipal
Employees**

**Environmental
Scientists**

**County
Employees**

Home Builders

Registration Fee \$450.00

Lunch Provided

18 Registrations Available

Register online:

**CITY OF FOLEY
GRAHAM CREEK NATURE
PRESERVE**

23030 Wolf Bay Drive
Foley, AL 36535

Tuesday March 21-23 8-5 PM

Friday March 24 8-12 PM

SCHEDULE OF INSTRUCTION

WETLAND IDENTIFICATION & DELINEATION

**According to the 1987 Corps of Engineers Wetland Delineation Manual and
Regional Supplement to the Corps of Engineers Wetland Delineation Manual:
Atlantic and Gulf Coastal Plain Region (Version 2.0)**

DAY 1

8:00	Introductions, Orientation, Course Schedule, Safety, Miscellaneous	Gena Todia
8:15	Introduction to Wetland Identification & Delineation <ul style="list-style-type: none">• Regional Supplement• Wetland Determination Data Forms	Gena
9:00	Hydrology Background & Wetland Hydrology Indicators	Gena
9:45	Break	
10:00	Hydrophytic Vegetation Background & Indicators	Gena
11:00	Soils Background Soil Color and Use of the Munsell Soil Color Chart	Sandy Page
12:00	Lunch	
1:00	Field Exercise <ul style="list-style-type: none">• Vegetation Sampling• Hydrology Indicators• Hydric Soil Indicators• Familiarization with Data Forms	All

DAY 2

8:00	NTCHS Field Indicators of Hydric Soils <ul style="list-style-type: none">• All soils (A) indicators• Sandy soils (S) indicators	Sandy
9:30	Break	
9:45	NTCHS Field Indicators of Hydric Soils <ul style="list-style-type: none">• Loamy/Clayey (F) soils indicators	Sandy
10:30	Routine Delineation Methods for Small Areas & Large Areas	Gena
11:30	Lunch	
12:30	Field Exercise <ul style="list-style-type: none">• Completion of Data Forms	All

DAY 3

8:00	Preliminary Data Gathering	Gena
8:45	Difficult Situations – Vegetation, Soil, Hydrology	Gena
9:45	Break	
10:00	Using Web Soil Survey	Sandy
11:00	Soil Taxonomy	Sandy
12:00	Lunch	
1:00	Field Exercise <ul style="list-style-type: none">• Completion of Data Forms• Wetland Identification & Delineation	All

DAY 4

8:00	Review Homework; Q&A	All
9:00	Field Exercise <ul style="list-style-type: none">• Completion of Data Forms• Wetland Identification & Delineation	All
12:00	Wrap up & Dismiss	

Mobile Bay National Estuary Program & AU Water Resources Center Nature-Based Stormwater Solutions Workshop

February 23-24, 2023

Location: Baldwin County Central Annex 22251 Palmer Street, Robertsdale, AL 36567

Objectives

- Cultivate stormwater management technical assistance and capacity building opportunities.
- Pool collective knowledge to assess on-site stormwater issues for a specific site.
- Provide a suite of recommendations to alleviate/resolve existing and anticipated stormwater concerns.
- Integrate the use of urban ecology, green infrastructure, integrated water strategies, and regenerative stormwater conveyance practices.
- Provide site owner with top three recommendations for improving stormwater practices on site.

Time	Day 1: Thursday February 23 - Activities
8:00am	Welcome: <i>Honorable Matthew McKenzie, Baldwin County Commission</i>
8:05am	Introductions: <i>MBNEP</i>
8:30am	Case Studies in Integrated Stormwater Management Strategies: <i>Anthony Kendrick, Green Infrastructure Project Manager, City of New Orleans</i>
10:00am	Break
10:15am	Case Studies in Integrated Stormwater Management Strategies: <i>Anthony Kendrick, Green Infrastructure Project Manager, City of New Orleans</i>
11:00am	Leveraging Funding Mechanisms for Green Infrastructure: <i>Shannon McGlynn, ADEM Non-point Source Unit</i>
11:30am	Discussion & Resource Sharing: <i>Existing barriers to implementation, land use change, hydrologic model value, resources etc.; survey attendees.</i>
12:00pm	Site Overview: <i>Purpose, Goals, Objectives, and potential outcomes; review relevant background information prior to site visit and design sprint.</i>
12:30pm	Catered Lunch
1:30pm	Site Visits: <i>(Baldwin County Central Annex 1 @Palmer Street + Baldwin County Central Annex 2/Highway Department @HWY 59)</i>
	Adjourn

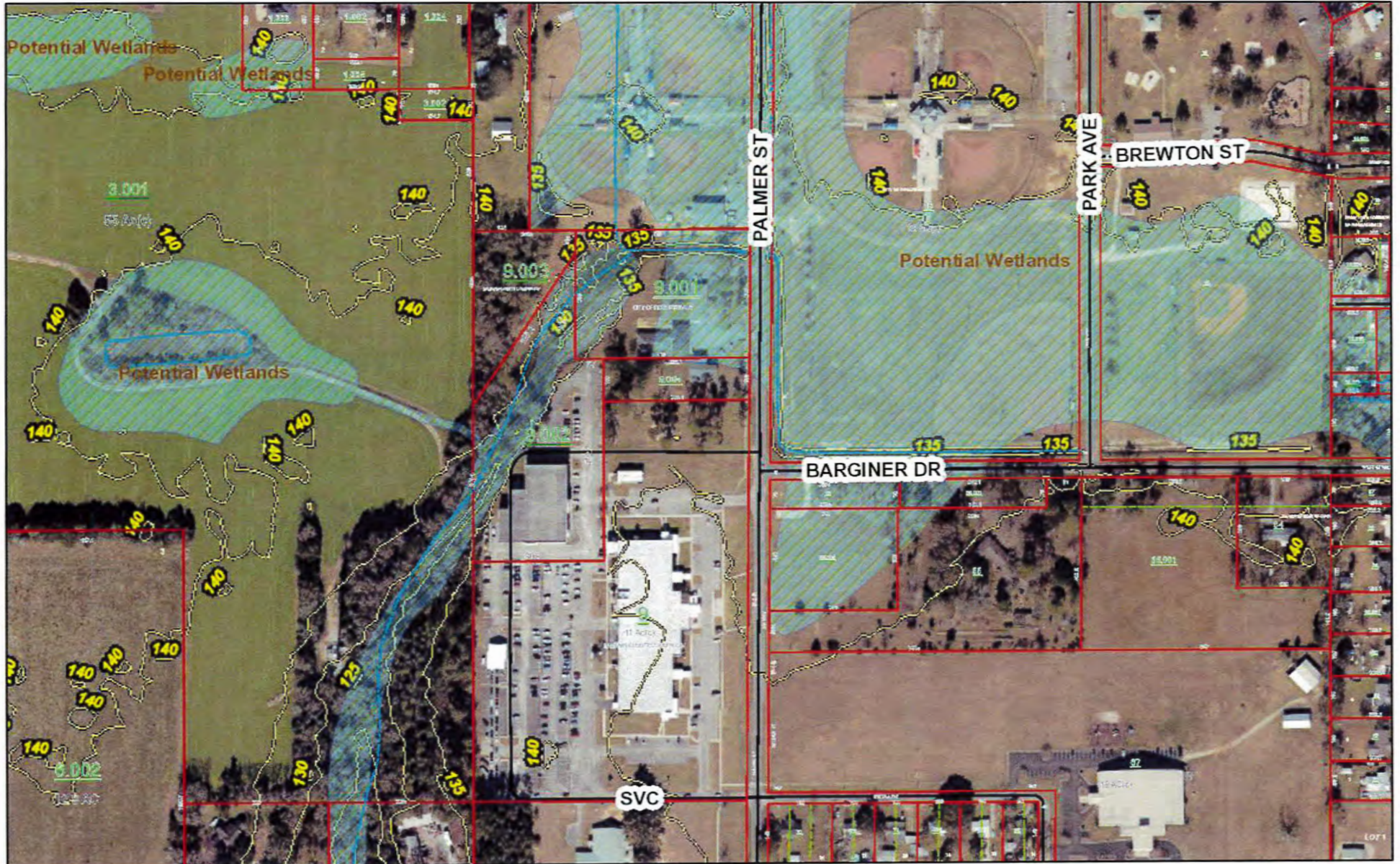
Time	Day 2: Friday February 24 - Activities
8:30am	Review Purpose, Goals, and Objectives: <i>Potential outcomes.</i>
8:45am	Debrief and issue prioritization: <i>Small groups summarize site observations. Drill down on management measures to improve site.</i>
9:45am	Discussion: <i>Draft a mini plan with actionable management measures, followed by recommendations to achieve these steps.</i>
10:15am	Next steps and final thoughts
11:00am	Adjourn

Thank you Sponsors



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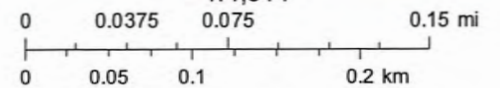
Central Annex



February 15, 2023

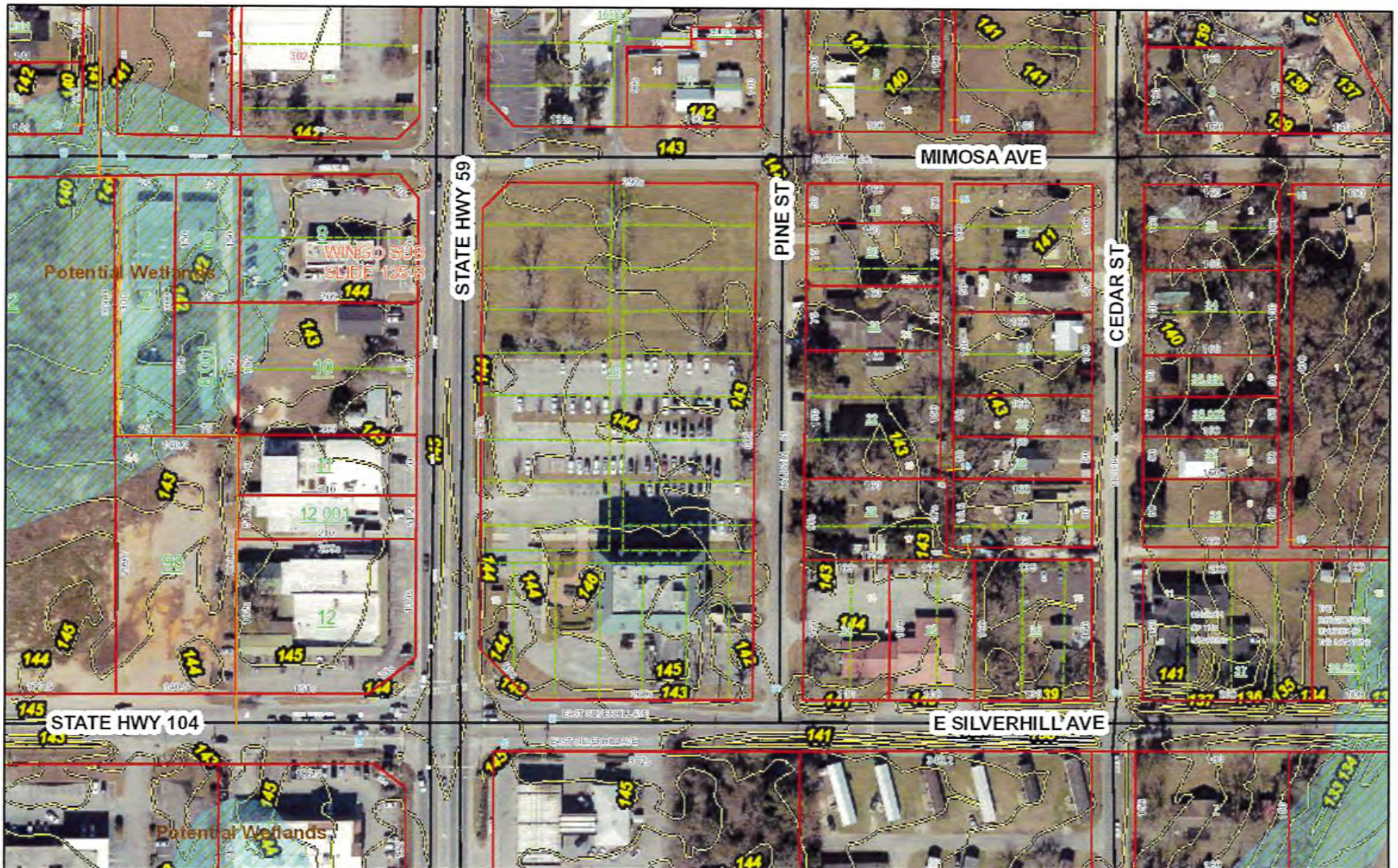
- Hydro
- Parcels
- Centerlines
- Lot Lines
- Potential Wetlands

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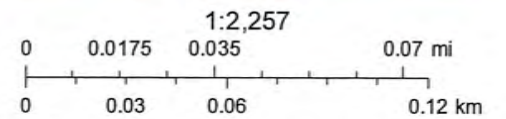
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

Highway Dept



February 15, 2023

- Misc
- Hydro
- Parcels
- Centerlines
- Coastal Control Line
- Lot Lines
- Potential Wetlands



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

Wetland Identification and Delineation Training Evaluation | March 21-24, 2023

5. What other topics would you like to see in future training events?

■ Plant Identification

■ Invasive Species Control/Vegetation Management

■ Federal, State, & Local Environmental (Stormwater, Erosion and Sediment Control, Wetland, etc.) Regulations

■ Erosion & Sediment Control Implementation and Inspection

■ Prescribed Fire Benefits and Implementation Introduction

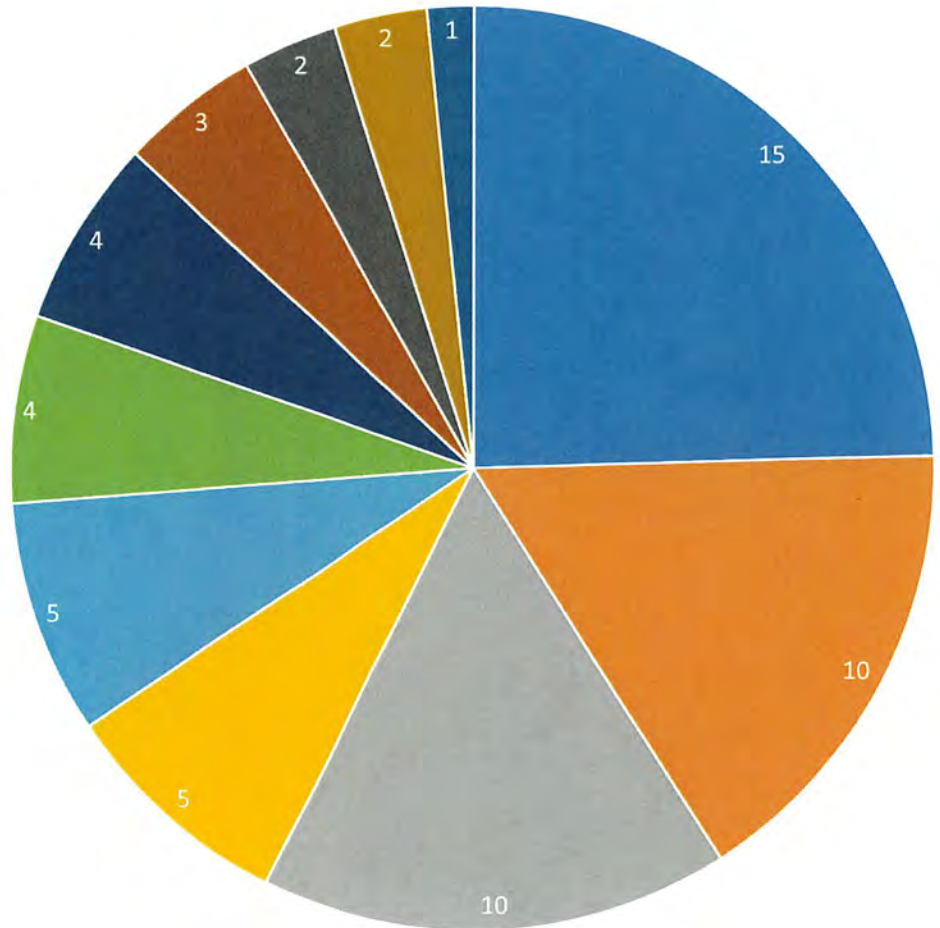
■ Drainage Calculations/Stormwater Management Plan Staff Review

■ Land Preservation-Pros & Cons of Conservation Easements

■ MS4 Requirements

■ Recycle-Baldwin County Materials Recovery Facility (MRF)

■ Other (please specify): Advanced Delineation



Clear Water AlabamaTM 2022
Daphne Civic Center
Daphne, AL



Seminar
September 21, 2022

Clear Water: Creek to Coast

Presented by:
The Alabama Soil and Water Conservation Committee,
Alabama's Erosion and Sediment Control Partnership, and
The Alabama Stormwater Association

Clear Water Alabama^{TN} 2022
Clear Water: Creek to Coast
Wednesday September 21, 2022 - Seminar Agenda
(6.0 PDHs or 0.6 CEUs)

Afternoon Moderator – Earl Norton, CPESC, CPAg. AL Soil and Water Conservation Committee

- 12:45 p.m. **A Fireside Chat: *Public Stormwater Systems on Private Property – An Open Conversation***
Barry Fagan, PE/PLS, ENV SP, CPMSM, CPESC, CESSWI, Vice President FAGAN, Prattville, AL
Richard Johnson PE, City of Fairhope, Public Works Director
Joel Coleman, V.P. of Development – TerraCore Development Services
Chad Yarbrough, Fairfield Place Homeowners Association
- 1:45 p.m. **Bon Secour River Constructed Wetland**
Andrew E James, PE - Environmental Design Manager, Volkert, Inc., Gulf Shores, AL
- 2:15 p.m. **Break and Product Reviews with Exhibitors**
(Break provided by Flexamat (Motz Enterprises, Inc.))
- 2:45 p.m. **Mobile Bay NEP Update**
Roberta Swann, Director, Mobile Bay NEP, Mobile, AL
- 3:15 p.m. **LID Manual for the City of Mobile**
Rosemary Ginn, PE, Assistant City Engineer, City of Mobile
- 3:45 p.m. **The US 98 Story**
Barry Fagan, PE/PLS, ENV SP, CPMSM, CPESC, CESSWI, Fagan Consulting LLC, Prattville, AL
- 4:15 p.m. **Keeping the Water Clear Around Fairhope**
Richard Johnson, PE, Public Works Director, City of Fairhope, AL
- 4:50 p.m. **Door Prizes, Close Out, and Plans for Field Day**
Mobile and Baldwin County SWCDs and Exhibitors
- 5:00 p.m. **Pick up Seminar Certificate**
- 5:10 p.m. **Alabama Stormwater Association meeting**
-

Seminar Speakers:

William E. Puckett, Ph.D., Executive Director, Alabama State Soil and Water Conservation

Committee, Montgomery, Alabama - Dr. Puckett has more than three decades of experience in soil and water conservation. Puckett currently serves as the Executive Director of Alabama's Soil and Water Conservation Committee (SWCC) where he leads 67 conservation districts in a statewide effort to



implement locally-led conservation priorities. He also provides leadership for the Alabama Agricultural Conservation and Development Commission. The Commission provides cost-share for installation of conservation practices. Prior to taking on this role with SWCC, he served as State Conservationist with the USDA Natural Resources Conservation Service (NRCS) in Alabama for six years. Before coming to Alabama, Dr. Puckett was the NRCS Deputy Chief for Science and Technology and Soil Survey and Resource Assessment in Washington, D.C. He was also Director of the NRCS Soil

Quality Institute. Dr. Puckett is known for his proactive approach, can-do attitude, and building effective partnerships with a host of organizations and agencies committed to soil and water conservation and the wise stewardship of Alabama's natural resources.



Ben Raines is an environmental journalist and filmmaker. In 2018, he discovered the wreck of the *Clotilda*, the last ship carrying enslaved Africans to arrive in the United States. His new book, *The Last Slave Ship – The True Story of How Clotilda Was Found, Her Descendants, and an Extraordinary Reckoning*, published Jan. 25, 2022. Raines has won dozens of awards for his coverage of environmental issues and has coauthored several peer-reviewed papers published in scientific journals. He wrote and directed *The Underwater Forest*, an award-winning film about the exploration of a 70,000-year-old

cypress forest found off the Alabama coast. Raines also wrote and produced the documentary *America's Amazon*, which has aired on PBS stations around the country and been distributed to public schools across Alabama. His underwater film work has appeared in documentaries on the Discovery Channel and National Geographic TV. Raines also wrote the award-winning nature book, *Saving America's Amazon*, and co-authored the book *Heart of a Patriot* with U.S. Sen. Max Cleland, which chronicled Cleland's journey from triple amputee after a grenade accident in Vietnam to the U.S. Senate. Ben is a graduate of New York University's Tisch School of the Arts with a degree in filmmaking, and is a U.S. Coast Guard-licensed captain, giving tours of the Mobile-Tensaw Delta and Alabama's barrier islands. He lives with his wife in Fairhope, Alabama, and aboard the *Suzanne*, an 82 year old river boat moored on the Tensaw River.



Barry Fagan, PE/PLS, ENV SP, CPESC, CPMSM, CESSWI is a stormwater and sustainability professional who supports infrastructure development at the intersection of built and natural environments. Barry's expertise is based on decades of managing stormwater programs and infrastructure projects, and promoting environmental responsibility in transportation, renewable energy, and urban settings. Barry and his wife, Tracey recently formed Fagan Consulting LLC, to further their mission of helping good

people deliver livable, sustainable, and resilient infrastructure.



Richard D. Johnson, PE - Richard has served as the Director of Public Works for the City of Fairhope since September of 2017. Prior to coming to Fairhope, he served as the Director of Public Works for the City of Daphne for seven years. He is a Licensed Professional Civil Engineer. He has been married to his wife Louise for the past 23 years and they have two sons: Russell and Patrick. Russell works line crew with Baldwin EMC and Patrick is enrolled in Building Science at Auburn University.

He enjoys the challenge of municipal Public Works Operations which in Fairhope includes: Streets & Drainage, Sanitation (comprised of garbage, trash, recycling & transfer/landfill), Horticulture, Building Maintenance, Mechanical Maintenance, Administration and Engineering. He directs a Department of 90 dedicated public servants and has really enjoyed his interaction with and being involved in the City's world-renown horticulture program, especially our street flowers. In addition, Public Works infrastructure projects are a passion, and he enjoys all aspects of the process from conceptual to finished improvement. He was a recent recipient of an Environmental Stewardship award from Baldwin County



Joel Coleman is Vice-President of Development for TerraCore Development, Joel oversees all activities of the land acquisition, engineering, and construction teams. He ensures the successful procurement, as well as the feasible design/entitlement and timely delivery of completed projects. Joel also currently serves as President of the City of Daphne City Council.

Joel grew up in Mobile, AL before enrolling at Auburn University where he graduated with a bachelor's degree in civil engineering and a master's degree in environmental engineering. After practicing as a Licensed P.E. for 20 years in a mid-sized, family owned surveying/engineering company, Rester and Coleman Engineers, he was hired by D.R. Horton as the Land Development Project Manager for the Northern Gulf Coast Division where he remained for almost 10 years before joining TerraCore. Joel is also a Professional Engineer licensed in AL, FL, and MS.

Joel is happily married to his wife, Angel, and they have two daughters – Emma and Chloe. He enjoys traveling, hiking, music, and attending live sporting events in his free time.



Chad Yarbrough is originally from Dadeville, Alabama, and grew up on Lake Martin. Chad is a graduate of Dadeville High School. He attended Troy University on a football scholarship and earning a Bachelor of Science degree in Political Science in 1995. After college he went into law enforcement before getting into the banking industry in 2000. Mr. Yarbrough has worked for banks in the Montgomery and Troy areas and has 20+ years' experience in the real estate banking areas. Chad currently holds the position of Senior Vice President at United Bank as a commercial lender. Also serves as the Chairman of the Board for the Baldwin County Library Cooperative, Inc. and currently serves as President of the Fairfield Place Homeowner's Association.

Clear Water Alabama 2022 Planning Committee Mtg.

6/9/22

(10:00 AM City of Fairhope Public Works Building)

Items to discuss:

- Registration (Perry)
 - Increased cost approved by E&SC Steering Committee
 - Current numbers
 - Registration Table
 - How to register on the website
 - Early Bird date
- Daphne Civic Center (Tim)
- Meals (Laura and April)
- Seminar (Perry)
 - Keynote honorarium
 - Bios and head shots
- Field Day planning (Kim, Christina, Leslie, and Ashley)
- Buses (Earl)
- Hotel (Perry)
- Exhibitors and Sponsorships
- Door Prizes (April and Laura)
- Publicity (Rosemary and others)
 - Prior to meeting (brochures, emails, invites, social media, etc.)
 - News (Paper, TV)
- Other Topics
- Next Meeting?

Note: For those interested, the Field Day planning group will be meeting at 1:00 pm to discuss and site visit potential field day stops.

State-wide Steering Committee

Alabama Soil and Water Conservation Committee
Alabama Chapter of the Soil and Water Conservation Society
Alabama Association of Conservation Districts
Alabama Associated General Contractors
Alabama Cooperative Extension System
Alabama Department of Environmental Management
Alabama Department of Transportation
Auburn University
Auburn University Stormwater Research Facility
Home Builders Association of Alabama
Natural Resources Conservation Service

Industry Sponsors (State-wide)

Alabama Power Company
Applied Polymer Systems, Inc.
American Excelsior Co.
EnviroCert International, Inc.
Erosion Pros, LLC
J W Faircloth and Son Inc.
Flexamat (Motz Enterprises, Inc.)
Hanes Geo Components, Inc.
Silt-Saver Inc.
Southeast Environmental Consultants
Sunshine Supplies, Inc.

Local Sponsors

Baldwin and Mobile County Conservation Districts
Cities of Daphne, Mobile, Fairhope, and Foley
Mobile and Baldwin County Commissions
AL Department of Transportation
Volkert, and Vulcan

Field Day Presenters and Group Leaders

Presenters:

Andrew James, P.E. & Annelise Dodd, P.E. - Volkert
Cathy Barnette, CPESC – Dewberry
Darren Jones – Hanes Geo.
Carrie Perry & Clint Miller – The Dumpster Guy
Earl Norton - AL Soil & Water Conservation Committee
Eric Marsal – American Excelsior
Jay Robertson, P.E. - Sawgrass LLC
Jim Spotts - Southeast Environmental Consultants
Keith Potter and Dave Goff – Silt Saver
Mike Perez, Megan Armstrong, & Jannell Clampitt - Auburn University,
Perry Oakes - AL Soil & Water Conservation Committee
Richard Johnson, P.E. - City of Fairhope
Seva Iwinski - Applied Polymer Systems, Inc.
Skip Ragsdale - Sunshine Supplies
Tony Cooper, P.E. - ALDOT
Trey Jinright, P.E. & Paul Marcinko, P.E. - JADE Consulting

Group Leaders:

Kim Burmeister - City of Fairhope, Code Enforcement
Ashley Campbell - Baldwin County, Natural Resource Planner
Tim White - City of Daphne, Environmental Programs Manager



Clear Water Alabama™ 2022 Field Day

Daphne, AL
September 22, 2022

Schedule of Activities

7:30 - 8:50 AM	Registration, Exhibits Open (Continental breakfast) (Associated General Contractors of Alabama))
7:55 - 8:55 AM	Qualified Credentialed Inspector Training (HBAA only)
8:55 AM	Welcome and Logistics – Perry Oakes Erosion and Sediment Control Program Coordinator, Alabama Soil and Water Conservation Committee
9:00 - 9:10 AM	Groups - Load Buses to Tour Field Day sites (Snacks Provided by Envirocert, Drinks by City of Fairhope)
	Visit sites: review erosion control, sediment control, and stormwater management practices
12:10 - 1:00 PM	Lunch – Fairhope North Beach Park (Sawgrass, LLC, Drinks provided by City of Fairhope)
1:00 - 4:00 PM	Continue Field Day site visits
4:30 PM	End Field Day site visits and pick up <i>Certificate of Training</i> at Daphne Civic Center



Hilltop Subdivision-Low Impact Development

Field Day Activities
September 22
Clear Water Alabama 2022

Field Day stops at the Clear Water Alabama Event will consist of the following:

- A homesite in a Trueland Homes development to display BMP's for the site.
- A turbid stormwater detention pond will be used to demonstrate effective flocculant treatment.
- The Hilltop subdivision will demonstrate Low Impact Development technology.
- A Mechanically Stabilized Earth (MSE) site as part of the City of Fairhope's EWP Program.
- ALDOT Highway 181 Project.
- Bon Secure River Constructed Wetland Project.

The Field Day will be a bus tour of these stops. Buses will depart from the Daphne Civic Center at 9:00 am on the morning of September 22nd, everyone will have lunch (provided) together, and the buses will unload at the Civic Center around 4:00 pm.

Field Day Activities
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Clear Water Alabama 2022

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WETLAND PLANT IDENTIFICATION COURSE

MAY 9, 10 & 11, 2022

Get the basics on wetland plant identification.

This course emphasizes the dominant plant species found in wetlands, adjacent uplands, and the transition zone between. Included is information on native plants, plant families, use of plant keys and field guides, as well as invasive exotic plant species, new invaders and old nemeses, and invasion ecology. Most of the course time is spent in the field seeing, discussing, and identifying plants. Field sites include a variety of plant community types in the coastal area. Gena Todia, Wetland Resources Environmental Consulting, and Fred Nation, local botanist, and naturalist, are lead instructors.

THANKS TO OUR SPONSORS.



**Municipal
Employees**

**Environmental
Scientists**

**County
Employees**

Home Builders

Registration Fee \$350.00

Lunch Provided

15 Registrations Available

Register online:

aub.ie/plantidcourse



**GRAHAM CREEK NATURE
PRESERVE**

23030 Wolf Bay Drive
Foley, AL 36535

May 9 – 11, 8 am-5 pm
Each Day

**PLANT IDENTIFICATION WORKSHOP
GRAHAM CREEK NATURE PRESERVE
May 9 – 11, 2022
Foley, Baldwin County, Alabama**

Day One

- 8:00 Welcome and Introductions
- 8:15 Taxonomic Hierarchy and Nomenclature
- 8:45 Structural Characteristics used in Identification
- 9:15 10 Common Plant Families of Uplands, Transition Zones,
and Wetlands of the Northern Gulf Coast
- 10:15 Break
- 10:30 Field Trip – Graham Creek Nature Preserve
- Bayhead Drain / Flood Plain Forest
- 12:30 Lunch (GCNP)
- 1:30 Field Trip – Graham Creek Nature Preserve
- Pine Savanna
- 5:00 Adjourn

Day Two

- 8:00 Convene at GCNP Classroom - Discuss Day 2 Field Sites/Other Q&A
- 8:15 Key Construction & Keying Plants
Keying Exercises
- 9:00 Identification Manuals & Other Literature
- 11:30 Lunch (GCNP)
- 12:30 Field Trip – Bon Secour National Wildlife Refuge
- Coastal Plant Communities
- 5:00 Adjourn


Day Three

- 8:00 Convene at GCNP Classroom - Discuss Day 3 Field Sites/Other Q&A
- 8:15 Identification and Characteristics of Invasive Exotic Plants
- Ecology of Invasion
- Invasive Plant Species: New invaders and old enemies
- 10:15 Field Trip – Historic Blakeley State Park
- Riverine Forest and Marsh
- Slope and Ravine Forest
- 12:00 Lunch (HBSP)
- 1:00 Field Trip – Historic Blakeley State Park
- Riverine Forest and Marsh
- Slope and Ravine Forest
- 5:00 Adjourn from HBSP



Introduction

- Only 5% of the lower 48 states is wetlands and other shallow aquatic habitats.
- Wetland abundance varies by region:
 - ~10% of AL
 - <1% of CA, NV, AZ, NM, UT, KS, MT, and WV
 - Approx. 30% of FL and LA
 - 45% of AK



Wetland Losses in the U.S.



Since the late 1700s, >50% of U.S. wetlands have been converted to other uses.



Wetland Functions & Values

Why should we care about wetlands?

Wetlands provide benefits to society out of proportion to their extent on the landscape.

They provide:

... flood control

... water quality

... groundwater recharge

... wildlife habitat







Wetlands?

Some wetlands are easy to identify . . .



Wetlands?

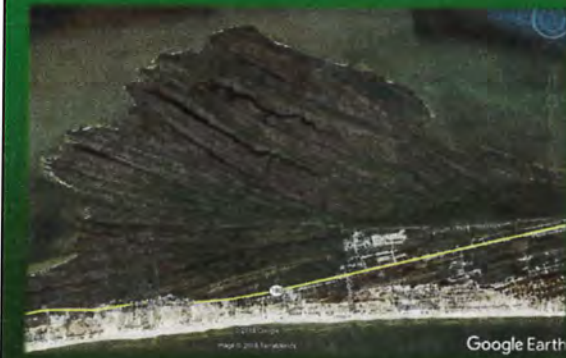
. . . others can be more difficult.



Types of Wetlands found in South Alabama

- Pine Savanna / Pine Flatwoods
Pitcher Plant Bogs
- Marsh
 - Tidal / Non-tidal
 - Salt Marsh
 - Freshwater Marsh
 - Brackish Marsh
- Bottomland Hardwood
Bayhead Drain
- Isolated Depressions (Grady Ponds)
 - Forested
 - Non-forested

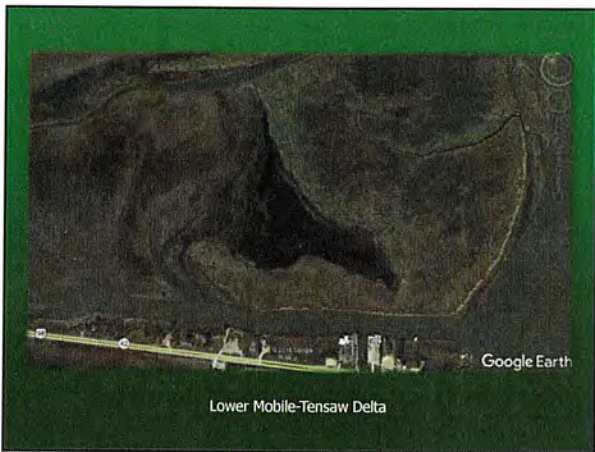
Marsh

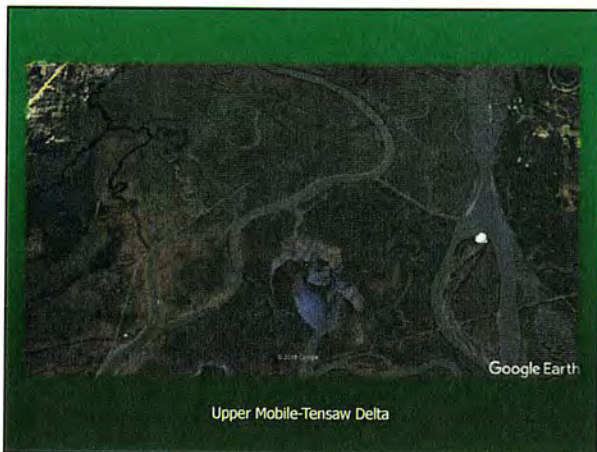


Salt Marsh



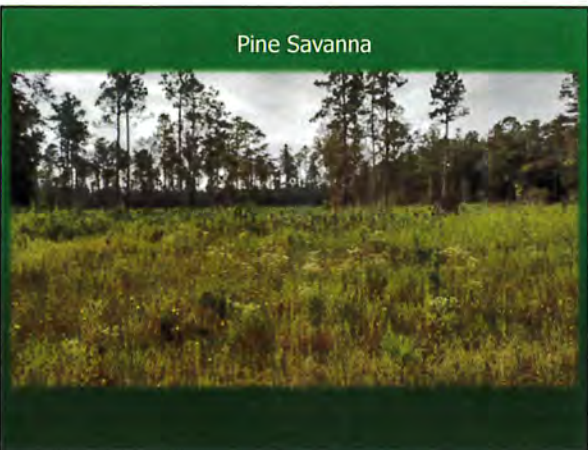




















Why Delineate Wetlands?

- Help to define the limits of Federal jurisdiction in accordance with current laws, regulations, and policy.
- Determine the wetland area affected by a project as a first step in impact assessment, alternatives analysis, and mitigation.

Relevant Federal Statute

Section 404 of the Clean Water Act

Authorized EPA and the Corps to regulate the placement of fill in jurisdictional wetlands and other waters of the U.S.

Local Regulations and Ordinances

- Many municipalities have their own ordinances that regulate activities in wetlands and other waters.
- Baldwin County has certain regulations that pertain to wetlands.

Wetland Delineation Manual

- Corps of Engineers Wetland Delineation Manual (1987)
- Regional Supplements to the Manual (2008)
 - Atlantic & Gulf Coastal Plain Regional Supplement

Regional Supplements



Regional Supplements Contain:

- Description of the region
- Hydrophytic vegetation indicators
- Hydric soil indicators
- Wetland hydrology indicators
- Guidance for "difficult wetland situations" in the region

Purpose of the 1987 Delineation Manual and Regional Supplements:

Provide guidance for identifying wetlands and delineating their upper boundaries for jurisdictional purposes.

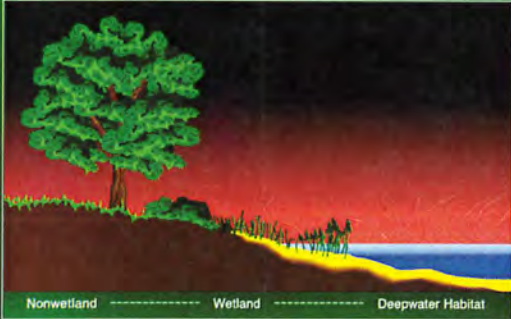


Scope of the Clean Water Act

Applies to all "waters of the United States" including these Special Aquatic Sites designated by EPA:

- **Wetlands**
- Sanctuaries and refuges
- Mudflats
- Vegetated shallows
- Coral reefs
- Riffle and pool complexes

Where is the Wetland Boundary?



Wetland Definition

Corps/EPA definition - for Clean Water Act Section 404 purposes:

- Areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.

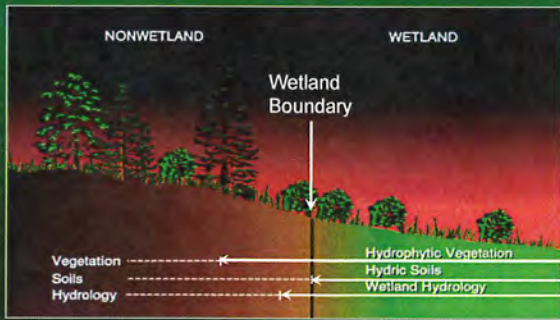
Diagnostic Characteristics

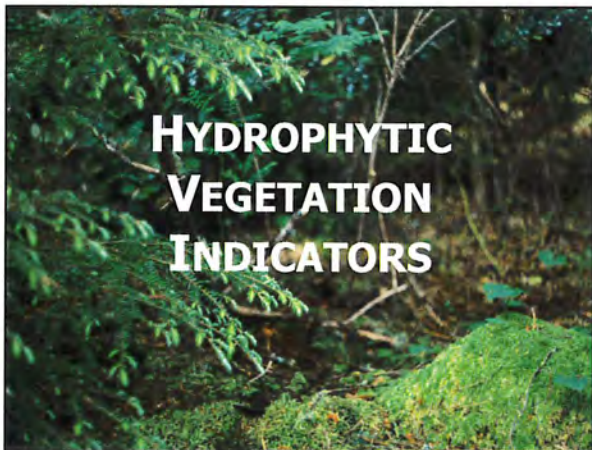
- **Hydrophytic Vegetation**
 - Dominated by species that are tolerant of prolonged inundation or soil saturation
- **Hydric Soils**
 - Exhibit characteristics that develop under permanent or periodic soil saturation
- **Wetland Hydrology**
 - Evidence of ongoing wetland conditions

Normal Circumstances

- The condition indicated by the soils and hydrology on a site, whether or not the vegetation has been altered or removed
 - Cropping or cropping history is not the normal circumstance
- The long-term condition of the site, including any permitted or other legal alterations

The 3-Parameter Approach





Hydrophytic Vegetation Definition

The community of macrophytes that occurs in areas where inundation or soil saturation is either permanent or of sufficient frequency and duration to exert a controlling influence on the plant species present.

- Dominated by species that can tolerate prolonged inundation or soil saturation

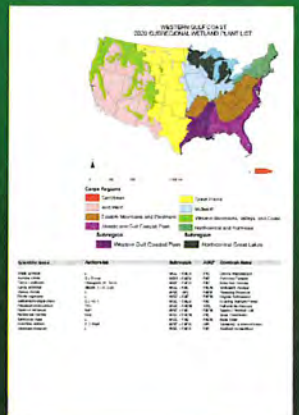
Hydrophyte

Any macrophyte that grows in water or on a substrate that is at least periodically deficient in oxygen as a result of excessive water content



Plant Lists

- Developed by interagency panels
- Vascular plants only (no bryophytes)
- Compiled by region
- Assign each species a "wetland indicator status"



Wetland Hydrology Indicators

A1 – Surface water



Wetland Hydrology Indicators

A2 – High water table

- Water table is 12 inches or less from the surface



Wetland Hydrology Indicators

A3 – Saturation

- Indicated by water glistening on ped faces and interiors within 12 inches of the surface
- Requires a water table below the saturated zone



Wetland Hydrology Indicators

B1 – Water marks



Wetland Hydrology Indicators

B2 – Sediment deposits

- Thin coatings of silt or organic material



Wetland Hydrology Indicators

B3 – Drift deposits

- Rafted debris or litter



Wetland Hydrology Indicators

C2 – Dry-season water table

- Water table is 12-24 inches from the surface
- Observed during the dry season or in a dry year



Wetland Hydrology Indicators

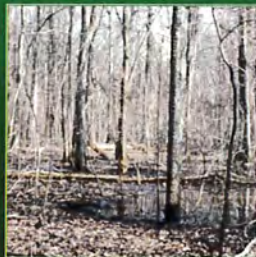
C8 – Crayfish burrows



Wetland Hydrology Indicators

D2 – Geomorphic position

- Examples:
 - Localized depression
 - Linear drainageway
 - Concave position on a floodplain
 - Toe of slope
 - Fringe of water body
 - Shallow restrictive layer



NTCHS FIELD INDICATORS OF HYDRIC SOILS

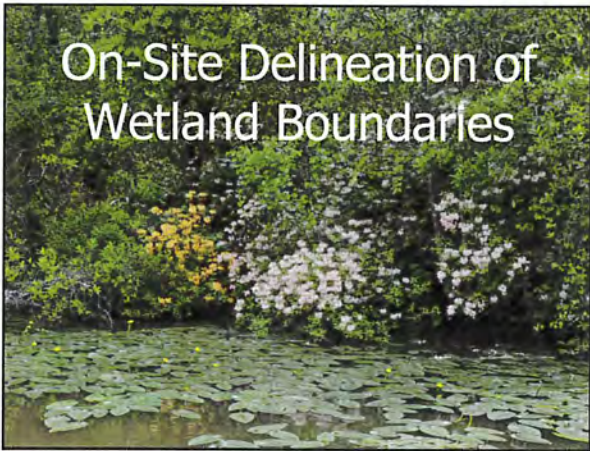


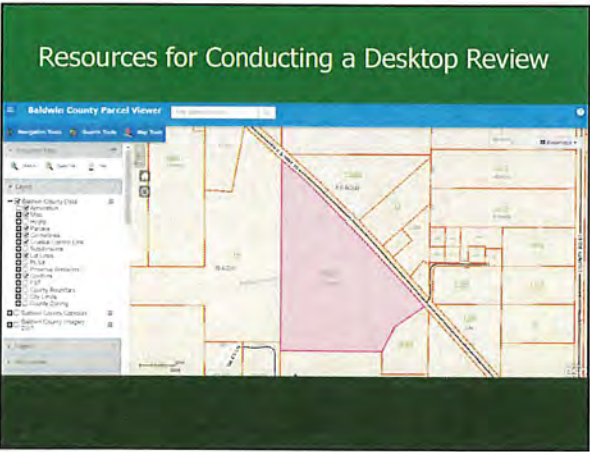
Depleted Matrix

Matrix colors that require, and do not require, 2% or more distinct or prominent redox concentrations

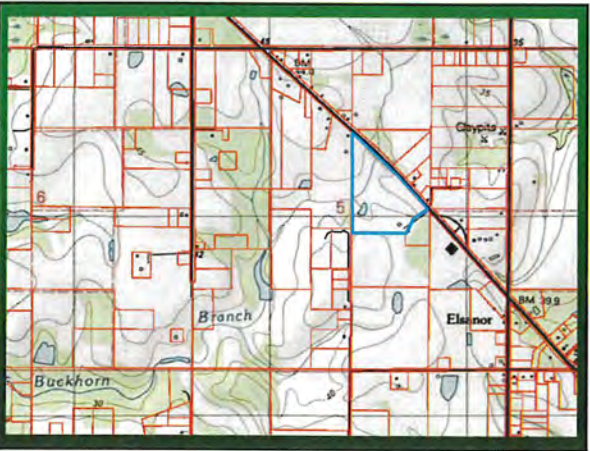




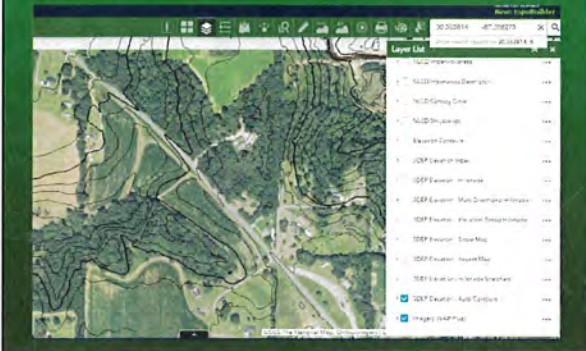




2 Desktop Reviews



The National Map
<https://apps.nationalmap.gov/viewer/>



Flexibility

Wetland delineations must be based on the best available information, interpreted in light of the investigator's training, experience, and professional judgment.

Federal Regulatory Program

The Regulatory Program administers and enforces:

- Section 10 of the Rivers and Harbors Act of 1899
- Section 404 of the Clean Water Act of 1972, as amended
- Section 103 of the Marine Protection, Research, and Sanctuaries Act of 1972

Federal Regulatory Program

Under **Section 10 of the Rivers and Harbors Act**, a Corps permit is required for work or structures in, over, or under navigable waters of the United States.

Navigable waters include:

- tidal waters
- waters historically, currently, or potentially used in interstate and foreign commerce

Boat shelters, docks, dredging, shoreline stabilization, utility lines, pilings, seawalls/bulkheads, etc. require authorization under Section 10.

Federal Regulatory Program

Under **Section 404 of the Clean Water Act**, a Corps permit is required for the discharge of dredged or fill material into waters of the United States.

Under **Section 103 of the Marine Protection, Research, and Sanctuaries Act**, the Corps regulates the transport and disposal of dredged material at designated ocean sites.

All Corps permit decisions are subject to various other Federal laws applicable to Federal actions, such as the **Endangered Species Act**, the **National Historic Preservation Act**, and the **Magnuson-Stevens Fisheries Conservation and Management Act**.

Section 404 of the Clean Water Act

- Regulates the placement of fill in wetlands and other activities that have the same effect as fill.
 - Mechanized landclearing
 - Laying sod
 - Root raking
 - Other soil-disturbing activities

**Types of Permits:
Sections 10 and 404**

- Nationwide Permits
- General Permits
- Standard Individual Permits

Alabama Coastal Area Management Plan Regs

- Alabama's coastal zone is defined as land and waters lying seaward of the continuous 10-ft. contour.
- ACAMP regulations apply to the coastal zone.
- ADEM must certify that projects involving regulated activities comply with ACAMP.



Alabama Coastal Area Management Plan (ACAMP)

- If a project does not comply with ACAMP regulations, there is a variance process outlined in the regs.

Alabama Dept. of Conservation and Natural Resources State Lands Division

- Regulations that apply to state-owned water bottoms.
- Approval is needed from ADCNR-SLD for certain activities in state waters:
 - Dredging
 - Construction of piers, walkways, seawalls, etc.

County & Municipal Wetland Regs/Ordinances

- Baldwin County and many municipalities have regulations or ordinances that regulate activities in wetlands and other waters.
- Most have setback requirements.
- Most have a variance and/or permitting process.

Take-home Points:

- Wetlands contribute greatly to our quality of life on the Gulf Coast and should be treasured and protected.
- Ask a professional.
 - Don't assume there are no wetlands because "it doesn't look like a wetland".

TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1	4.4.5	Classroom Presentations-Master Environmental Education Presentations	During permit cycle, present four (4)MEE lessons to school age classrooms per year	All	P&Z
Classes/Lessons	Date	Location	Lesson	Students Taught	Teachers
1	10/1/2022	Lillian Recreation Park	Backyard Wildlife Habitat	11	Ashley Campebell
2	10/6/2022	Daphne East Elementary	Backyard Wildlife Habitat	39	Ashley Campbell & Rebecca Peacock
4	10/25/2022	Daphne High School	Alabama Water Watch	82	Ashley Campbell & Rebecca Peacock
5	11/1/2022	Fairhope High School	Alabama Water Watch	89	Ashley Campebell
Total =	12			Total =	221

VOLUNTEER OPPORTUNITES!



TEACH STUDENTS ENVIRONMENTAL STEWARDSHIP



FREE TRAINING – AUGUST 26, 2022

8:45 AM REGISTRATION

TRAINING 9:00 AM – 4:00 PM

TONSMEIRE WEEKS BAY RESOURCE CENTER

11525 US 98, FAIRHOPE

Volunteers with Alabama 4-H travel throughout Baldwin County to public and private schools to present environmental lessons to students.



Registration Required. Call the Baldwin County Extension Office @ 937-7176 or email bannicj@aces.edu

Alabama Water Watch * Groundwater Pollution * Recycling * The Water Cycle * Invasive Plant Species * Aquatic Nuisance Species * Energy * Stormwater Pollution * Backyard Wildlife Habitats

**Master
Environmental
Education
MEE**

Baldwin County Extension Office
302-A Byrne Street
Bay Minette, AL 36507
937-7176



THE ALABAMA COOPERATIVE EXTENSION SYSTEM (ALABAMA A&M UNIVERSITY AND AUBURN UNIVERSITY), IS AN EQUAL OPPORTUNITY EDUCATOR AND EMPLOYER. EVERYONE IS WELCOME! BALDWIN COUNTY PROGRAMS ARE SUPPORTED BY THE BALDWIN COUNTY COMMISSION.

MASTER ENVIRONMENTAL EDUCATION

Date: August 26, 2022
Time: 8:45 check in, 9:00 am – 4:00 pm
Place: Tonsmeire Weeks Bay Resource Center
11525 US-98, Fairhope, AL

Agenda

Time	Item	Presenter
8:45 am	Sign-In/Meet and Greet/Welcome	Katie Shepard, County Extension Coordinator
9:00	Welcome to Weeks Bay	Angela Underwood Week Bay Resource Center
9:15	Board of Education	Becky Turner, Kristen LaMotte Board of Education
9:30	Lesson Updates and Reminders	Charlotte Roberts
9:45	Group Photo	
10:00	Introduction to MEE	Charlotte Roberts
10:15	Recycling	Linda Smith
10:45	Backyard Wildlife Habitat	Jackie McGonigal
11:15	Water Cycle	Amy Newbold
12:00 pm	Lunch	
12:30	Stormwater Pollution	Ashley Campbell
1:15	Invasive Plant Species	Josh Roberts
1:45	Groundwater Pollution	Charlotte Roberts, Tony Schachle
2:30	Alabama Water Watch	Sarah Butterworth, 4-H Agent
3:15	Aquatic Nuisance Species	Katie Shepard
3:45-4:00	Evaluations, Questions & Adjourn	Cathy Banning



The Alabama Cooperative Extension System (Alabama A&M University and Auburn University) is an equal opportunity educator and employer. Everyone is welcome! Please let us know if you have accessibility needs.

Baldwin County Extension

302-A Byrne Street

Bay Minette, AL 36507

<http://aces.edu/mee-baldwin>



Master Environmental Education Impact Meeting

May 19th, 11:00 am – 1:00 pm

GRAHAM CREEK INTERPRETIVE CENTER
23030 Wolf Bay Dr.
Foley, Alabama 36535



The Alabama Cooperative Extension System (Alabama A&M University and Auburn University) is an equal opportunity educator and employer. Everyone is welcome! Everyone is Welcome! Baldwin County programs are supported by the Baldwin County Commission.





Backyard Habitat

a fun environmental camp
designed for kids ages 6-12

Saturday, October 1
9:00 to noon

\$10 - includes materials
and snacks



New, Recheduled Date!

*(Was previously
scheduled in July.)*

Lillian Recreational Park

Hey, kids! Join us at the Lillian Recreational Park on Saturday, October 1, for a fun environmental camp where you will have fun learning about the birds and other creatures you see in your backyard. You will have a great time learning all sorts of interesting things. You'll also build a bird house to take home with you to create your very own backyard habitat.

The camp will be taught by Ashley Campbell, Natural Resources Officer for Baldwin County. The \$10 registration fee covers all materials and a snack. To register, fill out the form below and scan and text it to 719-494-7986. Questions? Call Lucy, 719-494-7986.

REGISTRATION FORM *(please print)*

CAMPER'S NAME _____ AGE _____

ADDRESS _____

PARENT INFORMATION

PARENT'S NAME _____

TELEPHONE NUMBER _____

EMAIL _____

ADDRESS _____

Amount: \$ _____ (\$10 per camper. Bring with you to class.)

Environmental Camp Attendees				
October 1 Registrants				
	Name		Age	Contact
1	Emery	Coombs	4	Sharlee (mom) 850-712-4840
2	Evelyn	Montreuil	7	Tammy Robinson (grandmother) 907-202-0821
3	Arylis	Montreuil	9	Tammy Robinson (grandmother) 907-202-0821
4	Asa	Barrett	9	Sheila Barrett (Gay - Grandma) 361-790-6673
5	Averie	Fox	9	Stephanie & Terry
6	Griffin	Miller	3	Shelby Miller 850-293-4399
7	Haisley	Miller	5	Shelby Miller 850-293-4399
8	Karson	Miller	12	Shelby Miller 850-293-4399
9	Sidney	Miller	?	Kelley Jean Miller
10	Wyatt	Miller	?	Kelley Jean Miller
11	Crisley	Miller	?	Kelley Jean Miller
12	James	Brown	7	Amanda Glass
13	Hayden	Brown	11	Amanda Glass
FB event	<i>daughter sick</i>			Jessica Meacham
FB event				Carol Annis
FB event				Gwen Dorr
FB event				Carol Jean
FB event				Doreen Tollis
Stephanie				Whitney Lewis (2)
FB				Grace Smith (2)



CERTIFICATE

This certificate is proudly presented to

For participating in the
"Backyard Habitat Environmental Camp 2022"

Ashley Campbell, Teacher

Lucy Smith, Lillian Rec Park





Certificate of Appreciation

This award is given to

ASHLEY CAMPBELL

for volunteering and teaching environmental
education to the students of Baldwin County for
the school year 2021-2022.

Katherine Shepard

KATHERINE SHEPARD
County Extension Coordinator



Charlotte Roberts

CHARLOTTE ROBERTS
Agent Assistant, MEE



Master Environmental Education

Backyard Wildlife Habitat

School Information

School Name William Lee Park Date: 10-1-22

Teachers Name Lucy Smith / Ashley Campbell Grade: _____
Park Rep / teacher/presenter

Student Demographics

Group	White	Black	Native Am	Hispanic	Asian	Other	TOTALS	Male	Female
Youth	11							6	5
Adults									

Post Student Evaluation - Raise Your Hand

- How many of you will go home and make a bird feeder? # 11
- Can you name one new bird because of this lesson? # _____
- Will you ask your parents to consider leaving water outside for backyard wildlife? # _____

Teacher Evaluation

- How would you rate this presentation? Outstanding Poor
 5 4 3 2 1
5
- Would you schedule this lesson again? Yes No
- Did this lesson meet your curriculum needs? Yes No
- What information do you feel was most helpful for your students? Additional Comments:

MEE Volunteer

MEE Name _____ Volunteer Hours _____
 MEE Name _____ Volunteer Hours _____



Master Environmental Education

Alabama Water Watch

School Information

School Name Daphne High School Date: 10/25/22
 Teachers Name Anderson (sub: Dobson) Grade: 9

Student Demographics

Group	White	Black	Native Am	Hispanic	Asian	Other	TOTALS	Male	Female
Youth							14	10	4
Adults									

Post Student Evaluation - Raise Your Hand

- Will you tell your friends and family about Alabama Water Watch? # 14
- Would you like to become an Alabama Water Watch volunteer someday? # 0

Teacher Evaluation

- How would you rate this presentation?

Outstanding					Poor
5	4	3	2	1	
- Would you schedule this lesson again? Yes No
- Did this lesson meet your curriculum needs? Yes No
- What information do you feel was most helpful for your students? Additional Comments:

MEE Volunteer

MEE Name Ashley Campbell Volunteer Hours 8 hours
 MEE Name Rebecca Peacock Volunteer Hours 8 hours



Master Environmental Education

Alabama Water Watch

School Information

School Name Daphne High School Date: 10/25/22
 Teachers Name Hunter (Sub: Smith) Grade: 9/10

Student Demographics

Group	White	Black	Native Am	Hispanic	Asian	Other	TOTALS	Male	Female
Youth	28	2		5			35	26	9
Adults									

Post Student Evaluation - Raise Your Hand

- Will you tell your friends and family about Alabama Water Watch? # 8
- Would you like to become an Alabama Water Watch volunteer someday? # 3

Teacher Evaluation

- How would you rate this presentation?

Outstanding					Poor
5	4	3	2	1	
- Would you schedule this lesson again? Yes No
- Did this lesson meet your curriculum needs? Yes No
- What information do you feel was most helpful for your students? Additional Comments:

MEE Volunteer

MEE Name See 1st sheet Volunteer Hours _____
 MEE Name _____ Volunteer Hours _____



Baldwin County Extension Office
 302-A Byrne Street
 Bay Minette, AL 36507
 (251) 937-7176
 928-3002/943-5061 ext. 2222

MASTER ENVIRONMENTAL EDUCATOR
 PRESENTATION REPORT FORM

To be filled out by School Teacher:

Presentation Title: Alabama Water Watch

Date: 10/25/22

School Name: Daphne High School

Grade: 9

Teacher's Name: Anderton (sub: Dobson)

Group	White	Black	Native Am	Hispanic	Asian	Other	TOTALS	Male	Female
Youth	9	1					10	5	5
Adults									

Teacher Evaluation:

- | | | |
|--|--------------------|-------------|
| | Outstanding | Poor |
| 1. How would you rate this presentation? | 5 4 3 2 | 1 |
| 2. Would you schedule this lesson again? | Yes No | |
| 3. Did this lesson meet your curriculum needs? | Yes No | |
| 4. What information do you feel was most helpful for your students? Additional Comments. | | |

Students Raise Your Hand

- Will you tell your friends and family about the Alabama Water Watch? # 9
- Would you like to become an Alabama Water Watch volunteer someday? # 3

Bat boxes



Master Environmental Education

Backyard Wildlife Habitat

Ashley Campbell, Rebecca

School Information

School Name

Daphne East Elementary

Date: Th. 10/6

Teachers Name

Kim Nolfe

Grade: 4th Gifted

Student Demographics

Group	White	Black	Native Am	Hispanic	Asian	Other	TOTALS	Male	Female
Youth	13	1		2	1		17	8	9
Adults									

Post Student Evaluation - Raise Your Hand

- How many of you will go home and make a bird feeder? # 6
- Can you name one new bird because of this lesson? # 7
- Will you ask your parents to consider leaving water outside for backyard wildlife? # 10

Teacher Evaluation

- How would you rate this presentation?
 Outstanding (5) 4 3 2 1 Poor
- Would you schedule this lesson again?
 Yes No (especially when we are studying birds, estuaries, etc.)
- Did this lesson meet your curriculum needs?
 Yes No
- What information do you feel was most helpful for your students? Additional Comments:

Information shared in very kid-friendly + memorable. They'll think about the info. when they encounter outdoor situations. Love the birds + their songs!

MEE Volunteer

MEE Name

Ashley Campbell

Volunteer Hours

3

MEE Name

Rebecca Peacock

Volunteer Hours

3

Backyard Wildlife Habitat

School Information

School Name Daphne East Date: 10/6/22
 Teachers Name Kara Sizemore Grade: 5

Student Demographics

Group	White	Black	Native Am	Hispanic	Asian	Other	TOTALS	Male	Female
Youth	14	4	0		4		22		
Adults	1								

Post Student Evaluation - Raise Your Hand

- How many of you will go home and make a bird feeder? # 15
- Can you name one new bird because of this lesson? # yes
- Will you ask your parents to consider leaving water outside for backyard wildlife? # 15

Teacher Evaluation

- How would you rate this presentation?

Outstanding				Poor
5	4	3	2	1
- Would you schedule this lesson again? Yes No
- Did this lesson meet your curriculum needs? Yes No
- What information do you feel was most helpful for your students? Additional Comments:

Students were engaged throughout presentation. Learning the bird sounds was fun because kids were able to identify.

MEE Volunteer

MEE Name Ashley Campbell Volunteer Hours 3
 MEE Name Rebecca Peacock (Sterndorf) Volunteer Hours 3



Baldwin County Extension Office
 302-A Byrne Street
 Bay Minette, AL 36507
 (251) 937-7176
 928-3002/943-5061 ext. 2222

MASTER ENVIRONMENTAL EDUCATOR
 PRESENTATION REPORT FORM

To be filled out by School Teacher:

Presentation Title: Alabama Water Watch

Date: 11/1/22

School Name: FHS

Grade: 9-12

Teacher's Name: _____

Group	White	Black	Native Am	Hispanic	Asian	Other	TOTALS	Male	Female
Youth							89		
Adults									

Teacher Evaluation:

- | | Outstanding | | | | Poor |
|--|-------------|----|---|---|------|
| | 5 | 4 | 3 | 2 | 1 |
| 1. How would you rate this presentation? | 5 | | | | |
| 2. Would you schedule this lesson again? | Yes | No | | | |
| 3. Did this lesson meet your curriculum needs? | Yes | No | | | |
| 4. What information do you feel was most helpful for your students? Additional Comments. | | | | | |

thank you!

5 Classes = 89 Students

Students Raise Your Hand

- Will you tell your friends and family about the Alabama Water Watch? # _____
- Would you like to become an Alabama Water Watch volunteer someday? # _____

TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1</i>	<i>4.4.5.2&3</i>	<i>Local Environmental Festivals- Watershed Festivals</i>	<i>Baldwin County Water Festival & Coastal Kids Quiz- The County will participate in or sponsor two (2) events per permit cycle.</i>	<i>All</i>	<i>P&Z</i>
	Date	Event	Volunteer/Sponsorship Details		
	3/22/2023	Baldwin County Water Festival	Shawn Mitchell, Planning & Zoning		

From: [Baldwin County SWCD](#)
To: [Joey Koptis](#); [Louis, Christopher - FPAC-NRCS, AL](#); [maureen.phillips@usda.gov](#); [McGough, Danielle - FPAC-FSA, BAY MINETTE, AL](#); [rcaver@cityoffoley.org](#); [Shawn Mitchell](#); [Carmen Flammini](#); [dianne.chandler@gmail.com](#); [Casey Fulford](#); [Charlotte Roberts](#); [Tim Patton](#); [Choctaw County SWCD](#); [tammy.robinson@usda.gov](#); [hhf868891@gmail.com](#); [Bobbie Lane](#); [jesi.ward@usda.gov](#); [Smith, Laura - FPAC-FSA, Bay Minette, AL](#); [Katherine Shepard](#); [Jody Moore](#); [Leslie Gahagan](#); [Sarah Wooten](#); [Marengo County SWCD](#); [Lisa Whatley](#); [jennifer.barker@adem.alabama.gov](#); [shannon.mcglynn@adem.alabama.gov](#); [Gardner, Konya \(CTR\) - FPAC-NRCS, MOBILE, AL](#); [Reid, Amanda - FPAC-FSA, BAY MINETTE, AL](#); [Sarah Butterworth](#); [Ilka Porter](#); [Concuh County SWCD](#); [Monroe County SWCD](#); [Wood, Michele - NRCS, Grove Hill, AL](#); [Melissa Baggett](#); [kaleigh.younge@usda.gov](#); [ruthiecampbell77@yahoo.com](#); [Charlie Ramsey](#); [Baldwin SWCD Technician](#); [Ashley Campbell](#)
Subject: Thank You
Date: Thursday, March 23, 2023 8:53:41 AM
Attachments: [Outlook-3052ow0t.png](#)

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

Fantastic Water Festival Volunteers:

On behalf of the Baldwin County Soil and Water Conservation District, **THANK YOU** seems so minor to describe my gratitude for your volunteer efforts during yesterday's Water Festival. It took A LOT of volunteers to make yesterday even possible and it's because of folks like YOU! We had close to 660 students spread out in four different buildings. Wow, what a day! We had volunteers travel from Montgomery extending to Choctaw, Marengo, Monroe, Mobile, Clarke, and Washington Counties! I really appreciate it so much!!!!

I'm sure you all slept well last night!

We welcome feedback and suggestions. Now is the time to do it. What can we do to make it better? Did you have enough materials? What was missing?

I know that next year, we'll assign the Edible Aquifer stations closer to each other, so it won't be so far with sharing ice cream and Sprite.

For the Filtration activity, we need white confetti. The colored confetti tinted the water, raising all kinds of crazy questions from the kids.

Another recommendation for the Filtration includes adding rubber bands to hold the coffee filters and cheesecloth to the cups, making pouring and filtering the water better.

What else?

Again, **THANK YOU!**



April Griffin

**District Administrative Coordinator
Baldwin Co. Soil Conservation District**

207 Faulkner Drive, Suite 107
Bay Minette, Alabama 36507
baldwin@alconservationdistricts.org
251-937-3297 Office
<https://alabamasoilandwater.gov/>

From: [Shawn Mitchell](#)
To: [Baldwin County SWCD](#); [Ashley Campbell](#)
Subject: RE: Baldwin County Water Festival
Date: Friday, March 10, 2023 8:13:13 AM

I'll do the filtration activity. I gave up sugar for Lent so the other is too tempting
 Thanks, Shawn

From: Baldwin County SWCD <baldwin@alconservationdistricts.org>
Sent: Friday, March 10, 2023 7:18 AM
To: Ashley Campbell <Ashley.Campbell@baldwincountyal.gov>; Shawn Mitchell <Shawn.Mitchell@baldwincountyal.gov>
Subject: Re: Baldwin County Water Festival

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

Shawn,

Thank you for volunteering to help with Baldwin's Water Festival on Wednesday, March 22 at CACC in Bay Minette. Volunteers should arrive between 9:00-9:15 with the first activity to begin at 10:00. We're expecting 500 fourth grade students from five elementary schools.

I've attached the lesson plans for two activities where we need help. Pick just one activity. You'll teach the same activity three times. Right now, we have the Water Cycle taken care of. We need help with the Filtration and Edible Aquifer activities.

Please see the below list of assignments. Let me know where you'd like to be placed. Our goal is to have TWO volunteers per station. As you'll notice below, we have a few slots remaining.

We'll also have help from Baldwin High FFA and Elberta FFA to assist with leadership, but they won't be teaching.

Again, THANK YOU!

Baldwin County 2023 Water Festival
Baldwin County Soil & Water Conservation District
Wednesday, March 22, 2023

BUILDING A - ADMINISTRATION BUILDING		
Station 1-Filtration Room A212	Station 2-Aquifer Room A215	Station 3-Water Cycle Room A210
Joey Koptis-NRCS	Jesi Ward-NRCS	Sabrina Atkinson-Baykeeper
Christopher Louis-NRCS	Laura Smith-FSA	
BUILDING A - ADMINISTRATION BUILDING		
Station 4-Filtration Room A208	Station 5-Aquifer Room A202	Station 6-Water Cycle Room A101
Maureen Phillips-FSA	Katie Sheperd-ACES	Ariel Odom-Baykeeper
Danielle McGough-FSA		Reagan Robinson-Baykeeper
BUILDING S - TRAMMEL SCIENCE BUILDING		
Station 7-Filtration Room S105	Station 8-Aquifer Room S102	Station 9-Water Cycle Room S104
Ryan Caver-City of Foley	Jody Moore-City of Foley	Margaret Higdon-Conecuh SWCD
		Whitney Lowery-Monroe SWCD
BUILDING S - TRAMMEL SCIENCE BUILDING		
Station 10-Filtration Room S113	Station 11-Aquifer Room S108	Station 12-Water Cycle Room S117
Carmen Flammini-ACES	Stephanie Kaylor-Marengo SWCD	Deb Sloat-NRCS
Charlotte Roberts-ACES	Maggie Strickland-Marengo SWCD	Michele Wood-NRCS/Kaleigh Younge-NRCS
BUILDING T - ALLIED HEALTH BUILDING		
Station 13-Filtration Room T145	Station 14-Aquifer Room T143	Station 15-Water Cycle Room T140

Cattlewomen	Michelle Frost-MEE	Sherry Herron-MEE
Casey Fulford-AACD		
BUILDING T - ALLIED HEALTH BUILDING		
Station 16-Filtration Room 168	Station 17-Aquifer Room T139	Station 18-Water Cycle
Cattlewomen	Jennifer Barker-ADEM	Sheryl-MEE
Tim Patton-MEE	Shannon McGlynn-ADEM	Susan Mattingly-MEE
BUILDING C - STONE BUILDING		
Station 19-Filtration Room C204	Station 20-Aquifer Room C206	Station 21-Water Cycle Room C201
Cattlewomen	Konya Gardener-NRCS	Eileen Heisman-MEE
Cattlewomen	Amanda Reid-FSA	Tanya Waldron-MEE
BUILDING C - STONE BUILDING		
Station 22-Filtration Room C203	Station 23-Aquifer Room C208	Station 24-Water Cycle Room C210
Sharon Shepherd-Choctaw SWCD	Sarah Butterworth-ACES	Myra Lassere-MEE
Tammy Robinson-Marego FSA		

From: Ashley Campbell <Ashley.Campbell@baldwincountyal.gov>

Sent: Friday, March 10, 2023 6:59 AM

To: Baldwin County SWCD <baldwin@alconservationdistricts.org>; Shawn Mitchell <Shawn.Mitchell@baldwincountyal.gov>

Subject: Re: Baldwin County Water Festival

April,

Shawn Mitchell in our department offered to help with the event. Can you send her the information ASAP.

Thanks

Shawn.Mitchell@baldwincountyal.gov

Ashley

Sent from my iPhone

On Mar 9, 2023, at 9:56 AM, Baldwin County SWCD <baldwin@alconservationdistricts.org> wrote:

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

I remember you being tied up with a workshop during our March 22 Water Festival. Will you have any help from your staff available to assist?

[Outlook-diklebqu.png]

4/12/2023

Thank you for organizing the Water Festival. I especially loved that it was at the Community College. My 4th graders loved sitting in the "Big Kid" seats. The student helpers from the F.F.A. were a great asset and the 4th graders enjoyed interacting with them.

Sincerely,

Lorri Dees

4th Grade @

Foley Elem. School

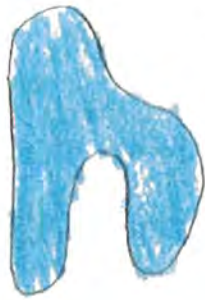
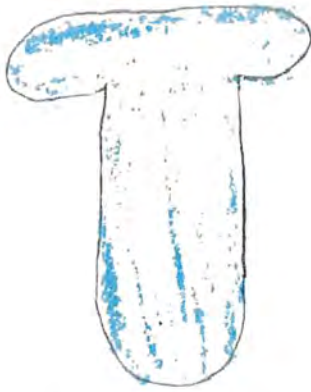
Hannah!!

Blake

no Nite

Maritza

Jacob



Taylor

Sivante

Treace



Karen

Laiseh

Damian

Mariana ☆ Ryleigh

Andres

Kristel



London

Ailyn

Mrs Dees



Levi

J'veon

Arielle

Isabel

Chris

Karla



FIELD TRIP REFLECTION

Name: Lailah Faceemir

Date: March 12/2023

Field Trip Location: Co. A. Col



Three things I observed:

1. I like when we
pprenkila a sprit gunny ice cream
2. When we got to go
outside.
3. I loved all of the
classes. W

My favorite part was W got to go to all of the
classes!

A question I have now is Why does the girls bathroom
have 3 stalls and 2 sinks?

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Ryleigh Branham

Date: 10/22/23

Field Trip Location: C.A.C.C.



Three things I observed:

1. I loved stuffing my self with ice cream and gummy worms.
2. I loved building the bracelets.
3. I loved when we got to talk about not littering.

My favorite part was eating gummy worms, sprite, sprinkles, and vanilla ice cream

A question I have now is that what will happen if somebody put more trash in the ocean like plastic stuff for cans.

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Ailyn martinez Date: March-22-2023

Field Trip Location: C.A.C.C



Three things I observed:

1. I saw 😞 animals in jars. 🗑️ 😞
2. I learned to take care of water.
3. I learned that 😞 animals can contaminate water. 🗑️

My favorite part was lunch. 😊 🗑️

A question I have now is What is the best way to clean?

RATE THE TRIP



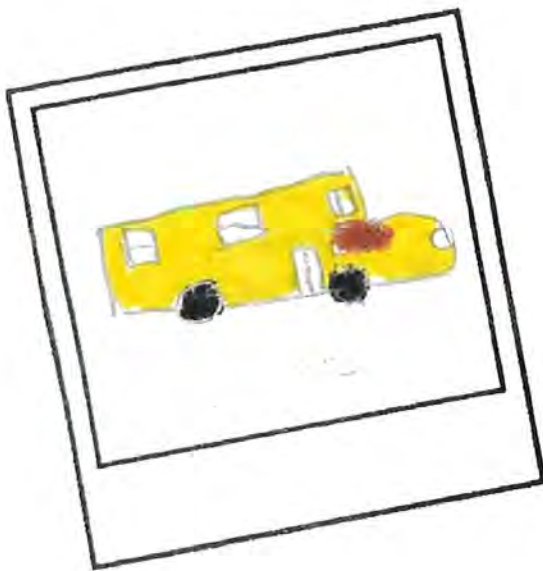


FIELD TRIP REFLECTION

Name: ADRIANA NAVARRO

Date: MAR 24 - 2023

Field Trip Location: C.A.C.



Three things I observed:

1. que las gominas son
con burbujas
2. Hay un per d' que
el plato es de
3. Hay a pres n. de Rio
en el

My favorite part was cu ando comimos

A question I have now is por que hay rradas
mas que n des.

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Karla Eizeth Benites

Date: March 12-2023

Field Trip Location: CACC



Three things I observed:

1. I Learn that we need to take care of the water.
2. I Learn more things about recycle water.
3. I learn how to clean the water.

My favorite part was My Favorite part was when we got to go outside because we could play.

A question I have now is No I do not have any question because all was perfect.

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Arielle Wallace

Date: March 22-23

Field Trip Location: CoA CoC



Three things I observed:

1. I saw people rolling in the grass.
2. I saw people in the woods.
3. I saw the teachers helping us.

My favorite part was when we got to make a snack and a bracelet.

A question I have now is will we go back there?

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Blake Sewell

Date: 3/22/2023

Field Trip Location: C.A.C.C.



Three things I observed:

1. I learned how water
gets clouds.
2. I learned about the
water cycle.
3. It is easy to
get dirt out of water.

My favorite part was when we were in the
and made a well.

A question I have now is can we make a
water drain to.

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Taylor Crutchfield Date: 3/22/23

Field Trip Location: Coastal Alabama Community College - Bay Minette



Three things I observed:

1. Dead animals
inside of jars
2. a periodic table
chart ☺
3. Collage kids in
the wild

My favorite part was When we rolled down
the hill, or when we made bracelets.

A question I have now is When can we
go again?! ☺

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Hannah Owens Date: 03/22/2023

Field Trip Location: C.A.C.C.



Three things I observed:

1. Water/Confetti
Water.
2. Gummy worms/Sprinkles
Ice cream/Sprite.
3. Beads/Pipe cleaner.

My favorite part was when we made the
bracelets about the water cycle.

A question I have now is what do they
need those dead animals for?

RATE THE TRIP





FIELD TRIP REFLECTION

Name: CHRISTIAN VASQUEZ

Date: MARCH 22/2023

Field Trip Location: L.A.C.A.



Three things I observed:

1. Don't litter,
2. Don't pee and the water.
3. we learned about the water cycle.

My favorite part was when we made a filter,

A question I have now is where does the water
end

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Mariana Ramos

Date: 3/27/2023

Field Trip Location: CACC



Three things I observed:

1. I learned about water and do not leave your trash in the water.
2. I learned about the water cycle.
3. I learned about the color of the beads; white, dark blue, brown, light blue, clear, green, yellow.

My favorite part was the 2nd room; here are the things I put inside the cups: gummy worm, ice cream, sprig, then we drink.

A question I have now is What happens if we put more, and more trash into the water?

RATE THE TRIP





FIELD TRIP REFLECTION

Name: haren Alvarez

Date: 03/22/23

Field Trip Location: Coastal Alabama community college / C.A.C.C



Three things I observed:

1. Making the bracelet.
2. Seeing how to clean water.
3. Worms with the sprinkles, ice cream, and sprite.

My favorite part was doing all the experiments.

A question I have now is How much money to go to that college?

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Kadriann Wright

Date: March 22, 2023

Field Trip Location: A C.A.C.C. School



Three things I observed:

1. There were only three stalls
and to sink's.
2. The school was old.
3. There was only one
class with good lighting
and beautiful tables.

My favorite part was when we got to put
grass shuggery drinks in a cup and drink it.

A question I have now is Why cant they clean
or bild more stalls. does

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Darrickha

Date: March 23/2023

Field Trip Location: CALL



Three things I observed:

1. I did lunch

2. I did a brasit

3. I did a god sach

My favorite part was win we go to the room 2
because we had something so good.

A question I have now is Why is the school is
so big.

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Isaac Parker Date: March 22, 2023

Field Trip Location: 1st / EACC



Three things I observed:

1. All the classes had rolling chairs
2. they all had something to do with water
3. they all had two chairs at each whole

My favorite part was we ate all aquifer's
they were delicious

A question I have now is what was
the whole trip about

RATE THE TRIP



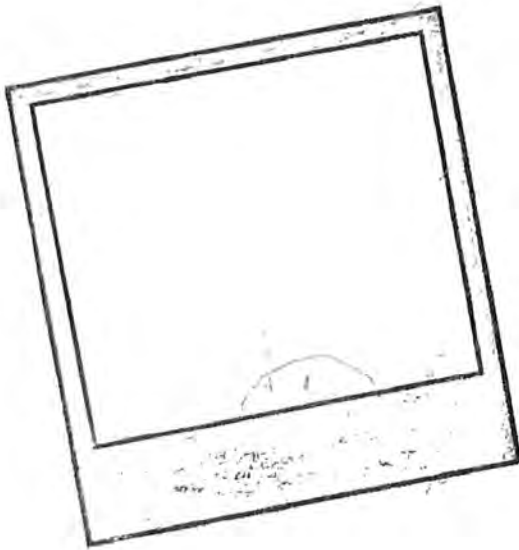


FIELD TRIP REFLECTION

Name: W. Hill

Date: 2/21/27

Field Trip Location: CAC



Three things I observed:

1. PO RUSH

2. STAFF

3. BRACE STRIP

My favorite part was BRACE STRIP

A question I have now is NONE

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Treace McCryndle

Date: 3-22-23

Field Trip Location: C.A.C.C



Three things I observed:

1. A dead frog.

2. gum under the table.

3. We made a bracelets.

My favorite part was My favorite part was the drinks.

A question I have now is How did yoll set it up so fast.

RATE THE TRIP





FIELD TRIP REFLECTION

Name: NATHAN FIDLEY

Date: _____

Field Trip Location: C.A.L.C.



Three things I observed:

1. It's ez to get dirt out of water.
2. ice cream in splt. is wipt @
3. bird birds are fun.

My favorite part was the 2 noon we made a drink with 2 spritz, 2 yumie worm, ~~the~~ VANILLA blue bell ice cream, sprincis, and wipt cream.

A question I have now is how do you get all the lemechle out of water?

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Kristel-Cascano

Date: 03/22/2023

Field Trip Location: C.A.C.C.



Three things I observed:

1. gum under the table
2. dead frog in a cup
3. we made praccels

My favorite part was that we made praccels
it was so much fun!

A question I have now is I did not know that they
eat gum and put it under the table.

RATE THE TRIP





FIELD TRIP REFLECTION

Name: Maecie ishee

Date: 3-23-22

Field Trip Location: Coastal Alabama community college



Three things I observed:

1. water cycle

2. the aquifer

3. field trash

My favorite part was the aquifer because we got to learn what is the aquifer and what's on top of it.

A question I have now is how much trash does the ocean have in it.

RATE THE TRIP



TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1</i>	<i>4.4.6.1&2</i>	<i>Local Environmental Festivals- Watershed Festivals</i>	<i>Woods-n-Water, Jubilee Festival & Earth Day The county will sponsor or participate in one festival a year.</i>	<i>ALL</i>	<i>P&Z</i>
	Date	Event	Description		
	4/30/2022	Woods & Water	Brats Bus Sponsor		



Baldwin County Commission

Agenda Action Form

File #: 22-0640, Version: 1

Item #: BD1

Meeting Type: BCC Regular Meeting

Meeting Date: 3/2/2022

Item Status: New

From: Ronald J. Cink, Budget Director; Ann Simpson, Director of Transportation

Submitted by: Ann Simpson, Director of Transportation

ITEM TITLE

Request from City of Spanish Fort for Donated Transportation Services for Annual Delta Woods & Waters Expo 2022

STAFF RECOMMENDATION

At the request of the City of Spanish Fort, approve Baldwin Regional Area Transit System (BRATS) to donate transportation services for the 12th Annual Delta Woods and Waters Expo to be held at 5 Rivers Delta Resource Center on Saturday April 30, 2022, from 8:00 a.m. to 5:00 p.m.

One bus will be operated by a BRATS driver for 10 hours at a donated cost of \$666.00.

BACKGROUND INFORMATION

Previous Commission action/date: 04/02/2019 - approved BRATS to provide transportation for the Delta Woods & Waters Expo

Background: The Honorable Michael M. McMillan, Mayor of Spanish Fort, has requested that the Baldwin County Commission provide one (1) BRATS bus to assist with the Annual Delta Woods & Waters Expo on Saturday, April 30, 2022, from 8:00 a.m. to 5:00 p.m. to shuttle guests on the 5 Rivers property.

The mission of the Delta Woods & Waters Expo is to promote responsible and enjoyable outdoor recreation experiences through a fun and educational event.

Under 49 CFR, "if a third party requests charter service for the exclusive use of a bus or van, but the transit agency provides the service free of charge, the transit service does not fall under the charter service restrictions. The definition of charter service under 49 CFR Section 604.3(c) requires a negotiated price, which implies an exchange of money. Thus, free service does not meet the negotiated price requirement."

FINANCIAL IMPACT

Total cost of recommendation: N/A

Budget line item(s) to be used: N/A

If this is not a budgeted expenditure, does the recommendation create a need for funding?
N/A

LEGAL IMPACT

Is legal review necessary for this staff recommendation and related documents?
N/A

Reviewed/approved by: N/A

Additional comments: N/A

ADVERTISING REQUIREMENTS

Is advertising required for this recommendation? N/A

If the proof of publication affidavit is not attached, list the reason: N/A

FOLLOW UP IMPLEMENTATION

For time-sensitive follow up, select deadline date for follow up: N/A

Individual(s) responsible for follow up: Administration and BRATS

Action required (list contact persons/addresses if documents are to be mailed or emailed):
Administration Staff send correspondence to:

The Honorable Michael M. McMillan, Mayor
City of Spanish Fort
7361 Spanish Fort Blvd.
Spanish Fort, AL 36527

cc: Ann Simpson

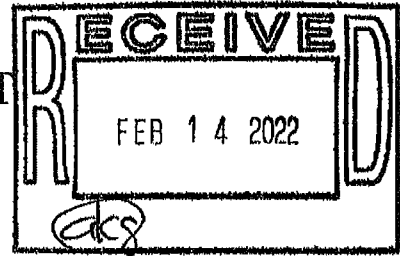
BRATS Staff to coordinate bus and driver with City of Spanish Fort personnel for the event.

Additional instructions/notes: N/A



CITY OF SPANISH FORT

7361 Spanish Fort Blvd.
Spanish Fort, Alabama 36527
(251) 626-4884
(251) 626-4880 Fax



Michael M. McMillan
Mayor
Rebecca A. Gaines
City Clerk

February 10, 2022

City Council
Robert Curtis Smith
Carl L. Gustafson, Jr.
Shane M. Perry
Clewis W. Smith, Jr.
Mary W. Brabner

The Honorable Frank James E. Ball
Baldwin County Commission
312 Courthouse Square
Suite 12
Bay Minette, Alabama 36507

RE: BRATS Service

Dear Chairman Ball:

The 12th annual Delta Woods and Waters Expo will be held at 5 Rivers Delta Resource Center on the Causeway on April 28-30, 2022. As in the past, April 28-29 will be open to our school children for field trips, while April 30 will be open to the public. We are estimating a large crowd on the 30th for our public event. In that past, the County Commission has graciously always allowed the use of one of its BRATS buses for that day, and I would like to request that the Commission allow a BRATS bus to be available Saturday, April 30th from 8:00 a.m. to 5:00 p.m. to shuttle guests on the 5 Rivers property.

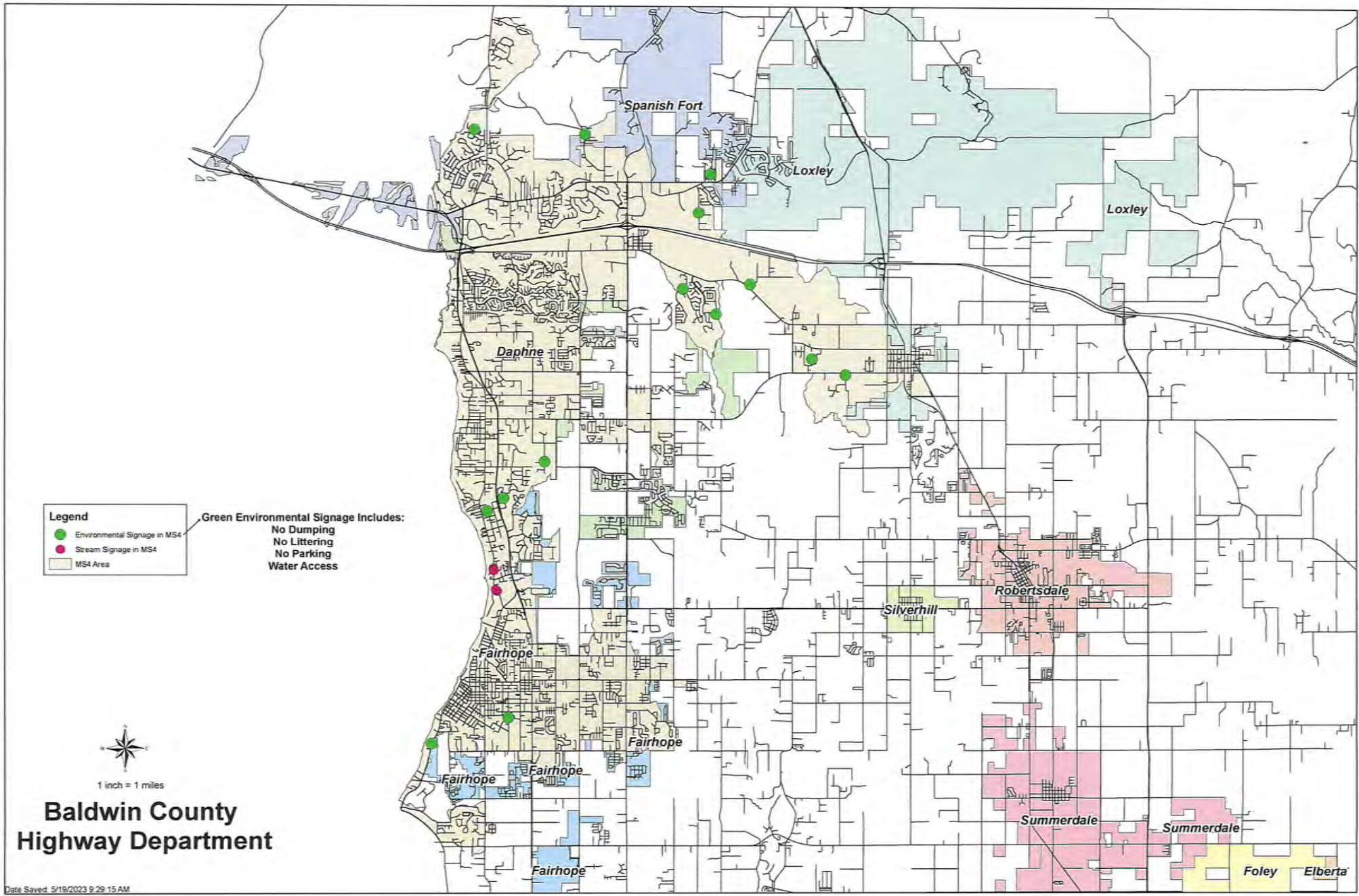
Please let me know if the Commissioners can fulfill my request. If you need any additional information, please give me a call at 251-626-4884.

Sincerely,

Michael M. McMillan
Mayor

TABLE 4-2 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

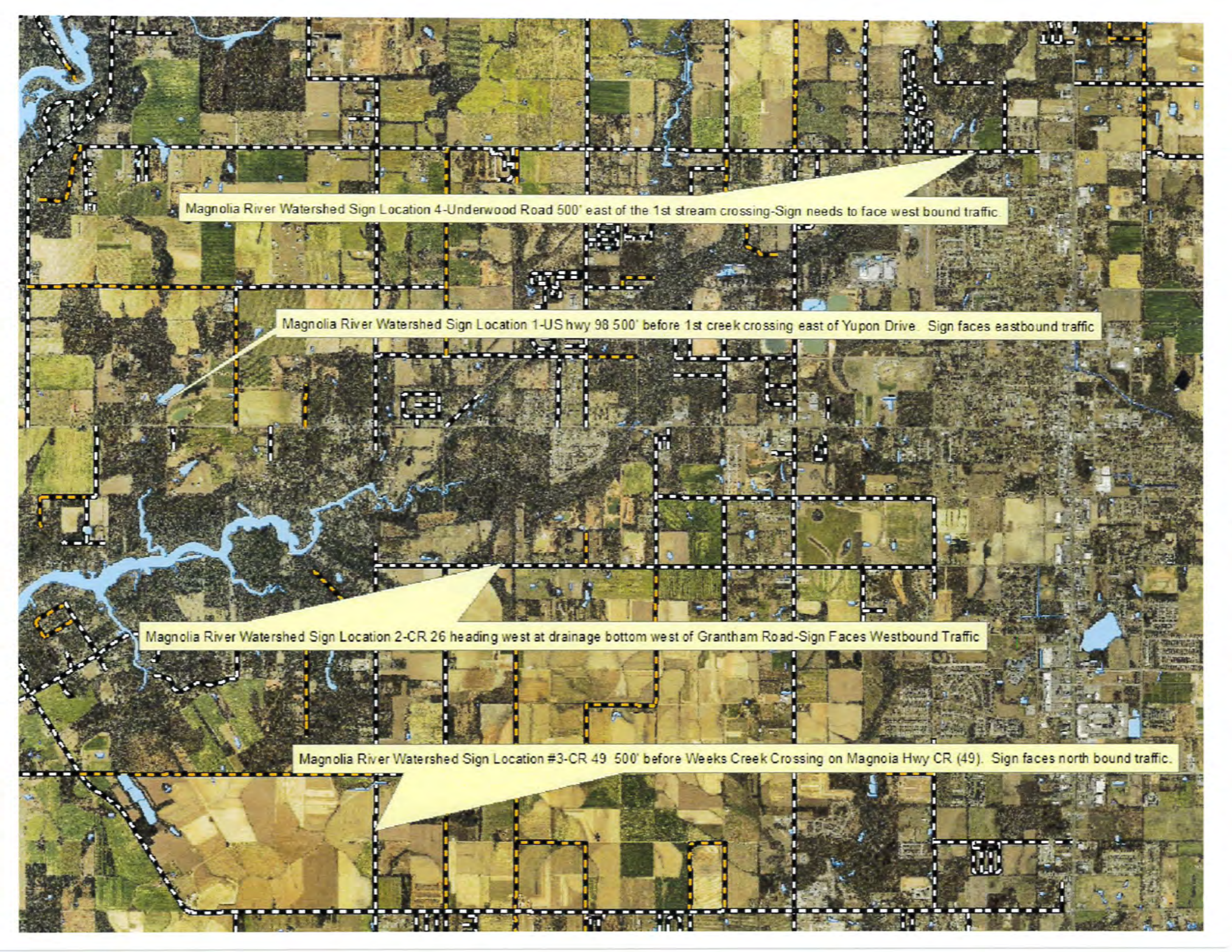
NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B-1-b-iii-(2)	4.4.7.1	Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage	In year one of the permit cycle, the County will create an inventory watershed and environmental awareness signage located in the MS4 area	Trash & Floatable	Hwy & P&Z
SignSize	HwyDept	MUTCD_Description	SignSize	HwyDept	MUTCD Description
24x24	Yes	ALABAMA SCENIC BYWAY	24X18	Yes	NO DUMPING
24x24	Yes	ALABAMA SCENIC BYWAY	18X24	Yes	NO DUMPING
24x24	Yes	ALABAMA SCENIC BYWAY	18X24	Yes	NO DUMPING
24x24	Yes	ALABAMA SCENIC BYWAY	18X24	Yes	NO DUMPING
24x24	Yes	ALABAMA SCENIC BYWAY	18X24	Yes	NO DUMPING
60X36	Yes	BARREL WRAP	18X24	Yes	NO DUMPING
24X18	Yes	BEGINNING COUNTY MAINTENANCE	24X30	Yes	NO DUMPING
21X15	Yes	CAUTION	24X30	Yes	NO DUMPING
21X15	Yes	CAUTION	18X24	Yes	NO DUMPING
24X12	Yes	COASTAL CONNECTION	18X24	Yes	NO DUMPING
24X12	Yes	COASTAL CONNECTION	24X30	Yes	NO DUMPING
24X12	Yes	COASTAL CONNECTION	18X24	Yes	NO DUMPING
24X12	Yes	COASTAL CONNECTION	18X24	Yes	NO DUMPING
21X15	Yes	COASTAL CONNECTION	18X24	Yes	NO DUMPING
24X18	Yes	CREEK SIGNS	18X24	Yes	NO DUMPING
24X18	Yes	CREEK SIGNS	18X24	Yes	NO DUMPING
24X18	Yes	CREEK SIGNS	18X24	Yes	NO DUMPING
24X18	Yes	CREEK SIGNS	18X24	Yes	NO DUMPING
24X18	Yes	CREEK SIGNS	24X18	Yes	NO LITTERING \$500 FINE
24X18	Yes	CREEK SIGNS	24X18	Yes	NO LITTERING \$500 FINE
24X18	Yes	CREEK SIGNS			
24X18	Yes	CREEK SIGNS			



Baldwin County Highway Department

TABLE 4 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B-1-b-iii-(2)</i>	4.4.7.1	<i>Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage</i>	<i>In year one of the permit cycle, install watershed signage in the Magnolia River Watershed (this is outside the MS4 Area but educates all citizens including MS4)</i>	<i>Trash & Floatable</i>	<i>Hwy & P&Z</i>
Qty	Watershed	Date Installed			
5	Magnolia River Watershed Signage	12/29/2022			
1	Wolf Bay Watershed Signage	12/29/2022			



Magnolia River Watershed Sign Location 4-Underwood Road 500' east of the 1st stream crossing-Sign needs to face west bound traffic.

Magnolia River Watershed Sign Location 1-US hwy 98 500' before 1st creek crossing east of Yupon Drive. Sign faces eastbound traffic

Magnolia River Watershed Sign Location 2-CR 26 heading west at drainage bottom west of Grantham Road-Sign Faces Westbound Traffic

Magnolia River Watershed Sign Location #3-CR 49 500' before Weeks Creek Crossing on Magnolia Hwy CR (49). Sign faces north bound traffic.

Watershed Signage



Watershed Signage



TABLE 4 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B-1-b-iii-(2)</i>	4.4.7.1	<i>Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage</i>	<i>In three of the permit cycle, install or update watershed signage in one additional MS4 Watershed</i>	<i>Trash & Floatable</i>	<i>Hwy & P&Z</i>
Year 3		2024/2025			

TABLE 4 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B-1-b-iii-(2)</i>	4.4.7.1	<i>Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage</i>	<i>Throughout the permit cycle, maintain watershed and environmental awareness signs and inventory</i>	<i>Trash & Floatable</i>	<i>Hwy & P&Z</i>
2022/2023		Signs Inventoried and Maintained			

TABLE 4 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B-1-b-iii-(1)</i>	4.4.7.2	<i>Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage</i>	<i>In year 1, partner with Eastern Shore (ES)MS4 to plan a community event to install storm drain labels throughout the ES MS4 area.</i>	<i>Trash & Floatable</i>	<i>Solid Waste & P&Z</i>
	Date	Meeting Title	Meeting Topic		
	3/14/2023	Eastern Shore MS4	Updates and Storm Drain Stenciling		

ONLY RAIN GOES IN THE DRAIN

"It's easy to be un-greasy!" Recycle cooking oil



Don't let soap rinse water wash into street or storm drain



Keep organic material out of storm drains, too



1. Do not pile, blow, or discard yard waste such as leaves or grass clippings on or around storm drains or into streets. Discard properly or start a compost pile.
2. Keep pet waste out of storm drains: Do not put cat litter in the storm drain or in the toilet (place in garbage). Flushing into toilet is acceptable if there is no litter in the waste.
3. Stabilize bare areas in the yard immediately. Sow seed, add sod or mulch with pine straw for example. Sediment and discolored water are pollutants.
4. Wash cars at the car wash or in your grass. Don't allow dirty/sudsy rinse water to enter streets and storm drains.
5. Apply pesticides and fertilizers according to label instructions. More is not necessarily better.
6. Recycle paints, used motor oil, cooking oil, and other materials.
7. For more information on Fairhope's Waste Management programs, including recycling and household hazardous waste, call Public Works Waste Management (251) 990-0192 or visit: www.fairhopeal.gov/departments/public-works/waste-management

For more information :

Storm Drain Medallion Project Contact:

Sherry-Lea Bloodworth Botop

(251) 928-8003

Sherrylea@fairhopeal.gov

Check out our local storm water projects and programs :

www.fairhopeal.gov/departments/planning-and-zoning/publications-and-forms

*City of Fairhope MS4 Program (Annual Report and SWMPP)

*Storm Sewer Inventory & Mapping

*Fairhope Gullies

*Fairhope Natural Resource Inventory

*Homeowner Guide to Detention Pond Maintenance

*Create a Clean Water Future Program

Funding for this project is provided in part by the Alabama Department of Conservation and Natural Resources, State Lands Division, Coastal Section and NOAA's National Coastal Zone Management Program



This publication produced by the City of Fairhope and the Fairhope Environmental Advisory Board



www.fairhopeal.gov



STORM DRAIN

MEDALLION PROJECT



www.cleanwaterfuture.com



BALDWIN

COUNTY, ALABAMA



ES MS4 Meeting
Agenda
March 14, 2023, 9:00 AM
Fairhope Satellite Office

- 1) Call to Order
- 2) ES MS4 Partners:
 - ALDOT Jason White, ALDOT-SW Environmental Coordinator
 - Fairhope: Kim Burmeister-City of Fairhope Code Enforcement
 - Daphne: Daphne Environmental Program's Manager
 - County: Ashley Campbell-BC Natural Resource Planner
 - Spanish Fort: Casey Rains, Environmental Manager,
- 3) ES MS4 Partner Discussions
 - A. ALDOT
 - B. Baldwin County-Storm Drain Stencil and Watershed Signage Partnerships for MS4 Area
 - C. Daphne
 - D. Fairhope
 - E. Spanish Fort
- 4) Adjournment



cleanwaterfuture.com



BALDWIN

COUNTY, ALABAMA



ES MS4 Meeting
Minutes
March 14, 2023, 9:00 AM
Fairhope Satellite Office

- 1) The meeting was called to order at 9:00am.
- 2) ES MS4 Partners:
 - ALDOT: Jason White, ALDOT-SW Environmental Coordinator
 - Fairhope: Kim Burmeister-City of Fairhope Code Enforcement
 - Daphne: TBD, Daphne Environmental Program's Manager
 - County: Ashley Campbell-BC Natural Resource Planner
 - Spanish Fort: Cody Ledet, Environmental Manager
- 3) ES MS4 Partner Discussions
 - A. ALDOT
 - Fly Creek Hwy 98 Culvert Repair Partnership (MBNEP, City of Fairhope, & Baldwin County) Discussion.
 - Publix's Consent Order Discussion.
 - Education-ACES Master Environmental Discussion
 - Right of Way Trash Discussion.
 - Training for Staff Discussion
 - B. Baldwin County
 - Storm Drain Stencil
 - Inventory of current roads
 - Map decals
 - Choose location of signs
 - Watershed and Stream Signage Partnerships for MS4 Area-Weeks Bay Replacement with Creek Signs, Fly Creek, & Rock Creek
 - Inventory of each jurisdiction's environmental signage
 - Map signs
 - Choose locations of signs
 - C. Daphne
 - Forever Wild Tract north of Cause Way Bridge archeological study discussion.
 - D. Fairhope
 - Fairhope High School Environmental Club Trash Discussion

TABLE 4 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B-1-b-iii-(1)</i>	4.4.7.2	<i>Reduction of Littler, Floatable & Debris-Watershed Signage & Environmental Awareness Signage</i>	<i>In year 2, partner with Eastern Shore (ES) MS4 to host the community event to install storm drain labels throughout the ES MS4 area.</i>	<i>Trash & Floatable</i>	<i>P&Z</i>
Date: Eastern Shore MS4 Meeting Topics					
2023/2024					

TABLE 4 BALDWIN COUNTY PHASE II MS4
MCM 1 -Public Education Outreach Strategies and Goals

NPDES Permit Section	SWMPP Section	4-Public Education & Outreach Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1d</i>	<i>4.6</i>	<i>Program Evaluation</i>	<i>Throughout the permit cycle, evaluate the Education Outreach Minimum Control Measure strategies and goals achieved and submit an annual report</i>	<i>ALL</i>	<i>P&Z</i>
Date:		Evaluation			
5/16/2023		MCM Strategies and Goals Met			

Table 5 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bv</i>	5.2.1	<i>Litter & Trash Abatement Programs</i>	<i>Throughout the permit cycle, the County will partner with Adopt-a-Mile, Adopt-a-Stream litter programs and track program events</i>	<i>Trash & Floatable</i>	<i>Solid Waste & P&Z</i>
Permit Year		Description			
2022-2023		No Activities			

Table 5 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bv</i>	5.2.1	<i>Litter & Trash Abatement Programs</i>	<i>Community Clean-Up County will participate and /or sponsor 1 event a year</i>	<i>Trash & Floatable</i>	<i>Solid Waste & P&Z</i>
Date		Event	Location		
4/23/2022		Baldwin Clean Sweep	County Wide		
2/28/2023		ACF Clean Beach Initiative-Meeting	Fort Morgan Community		
3/19/2023		ACF Clean Beach Initiative	Fort Morgan Community		



BALDWIN COUNTY SOLID WASTE

BALDWIN CLEAN SWEEP

SATURDAY, APRIL 23, 2022

7AM – 3PM

MAGNOLIA LANDFILL 15093 LANDFILL DR, SUMMERDALE

MACBRIDE LANDFILL – 26941 MCBRIDE RD, LOXLEY

BAY MINETTE TRANSFER STATION – 42901 NICHOLSVILLE RD, BAY MINETTE

EASTFORK LANDFILL – 29751 EASTFORK LANDFILL RD, ELBERTA

ACCEPTABLE WASTE:

1. YARD WASTE
2. CONSTRUCTION DEBRIS
3. CARDBOARD
4. TIRES
5. ELECTRONICS
6. FURNITURE
7. APPLIANCES
8. SCRAP METAL
9. CARPET
10. PAINT
11. HOUSEHOLD HAZARDOUS WASTE





**CONNECT TO
YOUR COAST**

**Fort Morgan Clean Beach Initiative Meeting Agenda
10:00am on Tuesday, February 28, 2023**

<https://meet.goto.com/MarkBerte/fmcbi>

OR

(224) 501-3412 Access Code: 130-354-685#

- 1. (Re)Introductions.**
- 2. Discuss what worked best for past spring cleanups.**
- 3. Discuss what, if anything, not to repeat for past spring cleanups.**
- 4. Plan for the Sunday, March 19 Cleanup.**
 - a. Background.**
 - b. Timeframe: 1:00-4:00pm.**
 - c. Confirmed volunteers: 139.**
 - d. Discuss Locations/Logistics.**
- 5. Announcements.**
- 6. Set the date and time of our next meeting.**
- 7. Adjourn.**

Thank you, as always, for your time and your leadership!!

Allie Barnette

From: Allie Barnette
Sent: Monday, March 20, 2023 3:16 PM
To: 'Joseph Emerson- EXIT Realty'; Mark Berte
Cc: Anna Yancy; Heather Tassin; Lauren Blouin; Ed Mowen; Bob Schmidt; Terri L. Graham; Allison M. Owens; Deputy Ashlyn Hayes
Subject: RE: Wrapping up yesterday's Fort Morgan Cleanup

The news is in..

Ft. Morgan Pier Dumpster – 900lbs
Fire Station 1 Dumpster – 1940lbs.
Fire Station 2 Dumpster – 840lbs .
Beach Club – 0lbs

Total of 3,680 lbs!!

Just under 2 tons.

Thank you,

Allie Barnette

Chief Administrative Assistant
Solid Waste - Baldwin County Commission
Phone: (251) 972-6878 Ext. 7159
Fax: (251) 970-4013
<https://baldwincountyal.gov/departments/solid-waste>



From: Joseph Emerson- EXIT Realty <captjoesells@gmail.com>
Sent: Monday, March 20, 2023 11:52 AM
To: Mark Berte <mberte@joinacf.org>
Cc: Anna Yancy <ayancy@joinacf.org>; Heather Tassin <heather.tassin1@ahc.alabama.gov>; Lauren Blouin <lblouin@aegpresents.com>; Allie Barnette <Allie.Barnette@baldwincountyal.gov>; Ed Mowen

<edmowen2021@yahoo.com>; Bob Schmidt <blsmitty1@yahoo.com>; Terri L. Graham
<TGraham@baldwincountyal.gov>; Allison M. Owens <Allison.Owens@baldwincountyal.gov>; Deputy Ashlyn Hayes
<AshlynHayes@baldwincountyal.gov>

Subject: Re: Wrapping up yesterday's Fort Morgan Cleanup

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

Great event everyone! I think the conditions may have impacted our volunteer numbers but those that showed up, showed out! Glad to be able to partner on this, we at FMCA learned a few new tricks and saw where we can improve for future efforts. Glad to assist with anything on the horizon

On Mon, Mar 20, 2023 at 11:48 AM Mark Berte <mberte@joinacf.org> wrote:

Good morning everyone,

Thank you again for pulling together to make yesterday's cleanup on the Peninsula such a SUCCESSFUL event!

We had a total of 76 volunteers in addition to two ACF staff, four Hangout Music Festival representatives, seven from the Fort Morgan Civic Association, and Deputy Ashlyn Hayes who was on duty that day to make sure everyone was safe! THANK YOU!!

I am attaching a couple of photos from the Fort Morgan Historic Site location and also have a great video of Joe and his brothers unloading the first delivery to our Baldwin County rolloff: <https://drive.google.com/file/d/1AFCWfTT1ZRtatqCbnLbjnV3oVdCrK4z2/view?usp=sharing> (There is no sound because it was so windy.) Lauren already has the photos that we texted yesterday so please share any others if you have not already sent them.

Terri: Could you please let us know the total weight of what was collected yesterday from all of the containers after your workers have collected those?

As mentioned earlier, ACF is planning our next cleanup from 8:30am-11:30am on Friday, June 16 in honor of World Sea Turtle Day. If everyone is up to it, I would like to schedule a short (30 minute) virtual meeting at 10:00am on Tuesday, April 4 to discuss lessons learned from yesterday as well as start the planning process for that one!

Best,
Mark

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



Capt Joe Emerson
Exit Realty Gulf Shores
251.550.9021

"Navigating you in the sea of Real Estate"

SIGN UP TO VOLUNTEER FOR THE FORT MORGAN CLEAN UP WITH THE ALABAMA COASTAL FOUNDATION ON SUNDAY, MARCH 19, 2023



Propeller is teaming up with the Alabama Coastal Foundation (ACF) and Hangout Music Festival to give interested festival-goers in the Gulf Shores area the chance to volunteer their time and give back to their local community.

In exchange, activists who complete all program requirements will be eligible to redeem (1) 3-Day GA ticket to attend Hangout Music Festival in Gulf Shores, AL May 19 - 21, 2023.

One of those requirements is participating in a beach clean up effort at Fort Morgan Historic Site from 1:00 - 4:00pm CT on Sunday, March 19th.



Hangout Fest Partners With ACF For Fort Morgan Clean-Up

Hangout Fest, in partnership with Propeller and the Alabama Coastal Foundation, held a March 19 beach clean up in four locations along the Fort Morgan peninsula on March 19. The clean-up was part off the fest's Earn-a-Ticket Program. The program encourages interested festival-goers in the Gulf Shores area to volunteer their time to give back to their local community. In exchange, activists who complete all program requirements are eligible to redeem a GA ticket to attend Hangout Music Fest scheduled May 19 - 21 at Gulf Shores Public Beach. Volunteers were also entered in a drawing for A Super VIP trip to the fest. Clean-up coordinator Lauren Blouin of AEG Presents said the 76 clean-up volunteers picked up 3,680 pounds of trash.

Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1bv	5.2.1	Litter & Trash Abatement Programs	Baldwin County Clean Sweep Household Waste Amnesty Day the County will host one household solid waste amnesty day a year	Hazardous Waste & Trash	Solid Waste
	Date	Event	Location	Tons	Tires
	4/23/2022	Baldwin Clean Sweep	County Wide	1026.3	4205
			Bay Minette Transfer Station	1498	1800
			Eastfork Landfill	767	777
			Magnolia Landfill	890	1113
			MacBride Landfill	435	515



BALDWIN COUNTY SOLID WASTE

BALDWIN CLEAN SWEEP

SATURDAY, APRIL 23, 2022

7AM – 3PM

MAGNOLIA LANDFILL 15093 LANDFILL DR, SUMMERDALE

MACBRIDE LANDFILL – 26941 MCBRIDE RD, LOXLEY

BAY MINETTE TRANSFER STATION – 42901 NICHOLSVILLE RD, BAY MINETTE

EASTFORK LANDFILL – 29751 EASTFORK LANDFILL RD, ELBERTA

ACCEPTABLE WASTE:

1. YARD WASTE
2. CONSTRUCTION DEBRIS
3. CARDBOARD
4. TIRES
5. ELECTRONICS
6. FURNITURE
7. APPLIANCES
8. SCRAP METAL
9. CARPET
10. PAINT
11. HOUSEHOLD HAZARDOUS WASTE



CLEAN SWEEP TOTALS

2022

	CUSTOMERS	LBS	TONS	TIRES-SM	TIRES-LG	TOTAL TIRES
MCB	451	445040	222.52	435	80	515
BMTS	394	486330	243.165	1498	302	1800
MLF	585	866910	433.455	890	223	1113
EFL	206	254274	127.137	767	10	777
TOTAL	1636	2052554	1026.277	3590	615	4205

Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

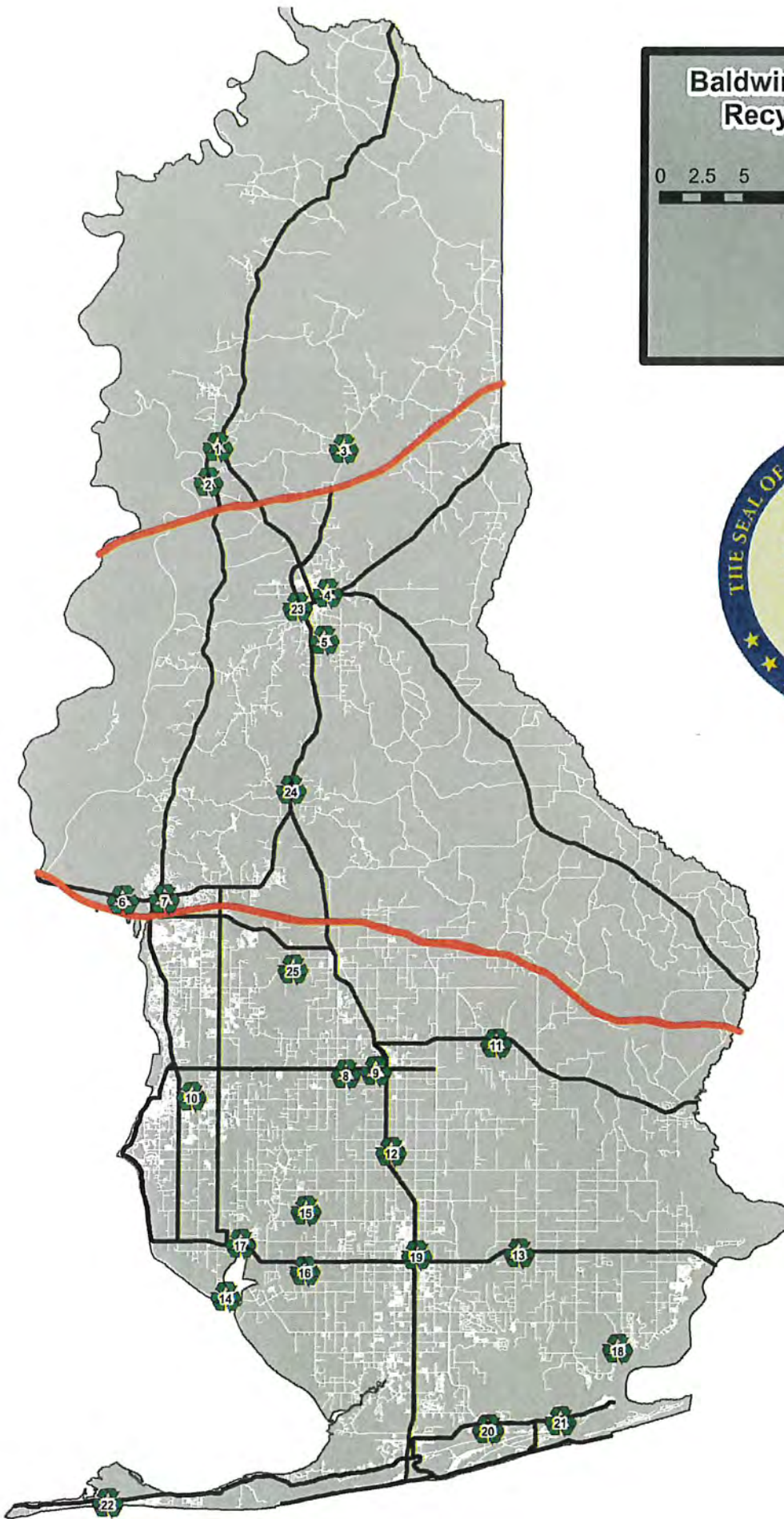
NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bv</i>	<i>5.2.2.1</i>	<i>Litter & Trash Abatement Programs</i>	<i>Throughout the permit cycle, the County will provide recycle dumpsters within the MS4 area of the county. The county will track recycle quantities in the annual report.</i>	<i>Trash</i>	<i>Solid Waste</i>
	2022/2023	Recycle Bins Locations	Total Recycle Tons		
		Fairhope Courthouse	127.66		
		MacBride Landfill	29.33		
		Spanish Fort Kids Park	139.33		

Baldwin County, Alabama Recycling Locations

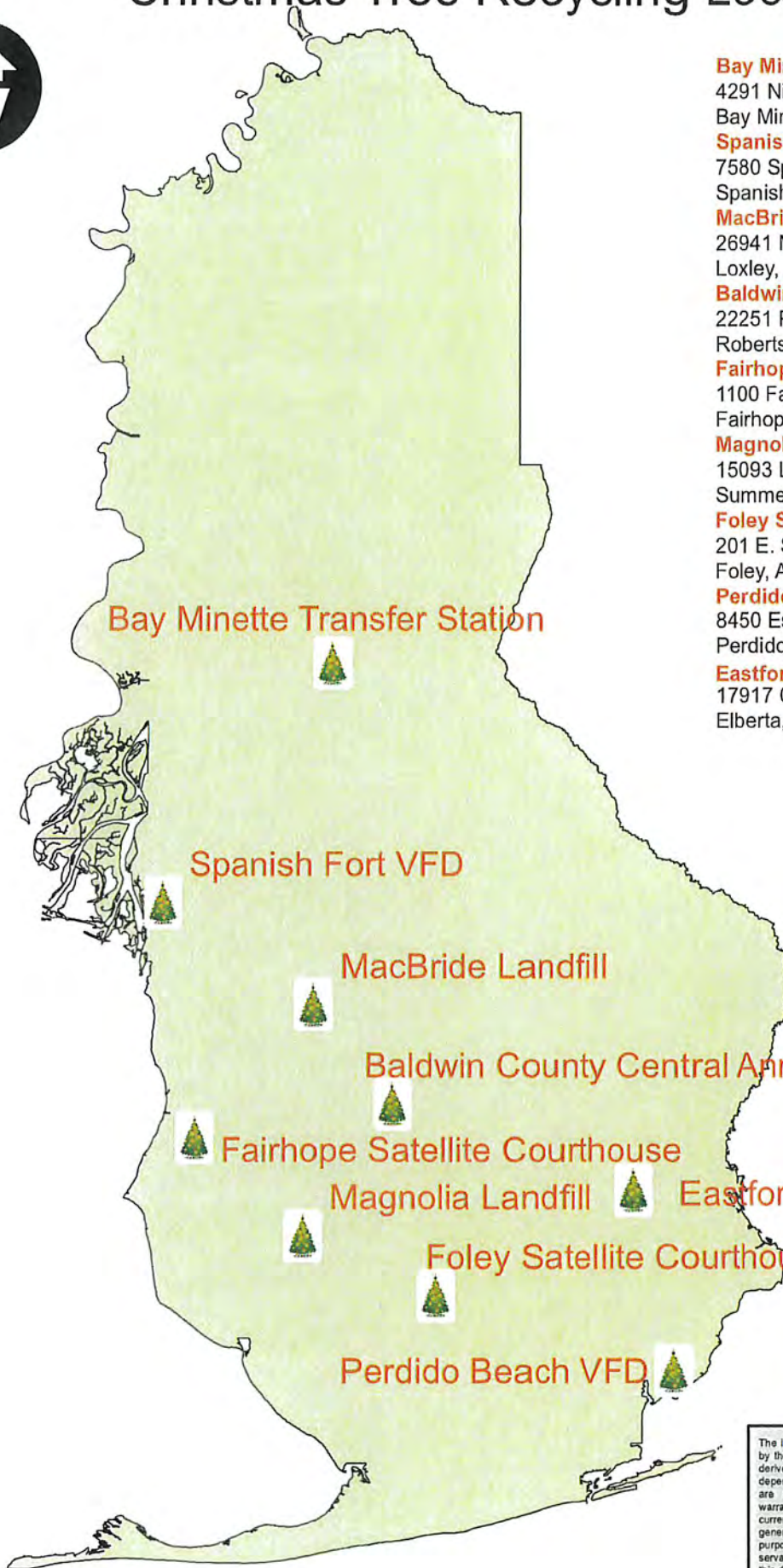
0 2.5 5 10 15 20
Miles



Site	Location
1	Stockton Post Office
2	Bicentennial Park
3	Perdido VFD
4	Commission Administration
5	Bay Minette Transfer Station
6	5 Rivers Delta Center
7	Spanish Fort Kids Park
8	Little Hall
9	Robertsdale Central Annex
10	Fairhope Courthouse
11	Elsanor Community Center
12	Summerdale 1st & Jefferson ST
13	Elberta VFD
14	Camp Beckwith
15	Magnolia Landfill
16	Magnolia Springs VFD
17	Weeks Bay Reserve
18	Perdido Beach VFD
19	Foley Courthouse
20	Orange Beach Public Works
21	Orange Beach Community Center
22	Fort Morgan Fire Rescue #2
23	Bay Minette Public Works
24	Stapleton VFD
25	MacBride Landfill



Christmas Tree Recycling Locations



Bay Minette Transfer Station

4291 Nicholsville Rd.
Bay Minette, AL 36507

Spanish Fort Volunteer Fire Department

7580 Spanish Fort Blvd.
Spanish Fort, AL 36527

MacBride Landfill

26941 McBride Road
Loxley, AL 36551

Baldwin County Central Annex

22251 Palmer St.
Robertsdale, AL 36567

Fairhope Satellite Courthouse

1100 Fairhope Ave.
Fairhope, AL 36532

Magnolia Landfill

15093 Landfill Drive
Summerdale, AL 36580

Foley Satellite Courthouse

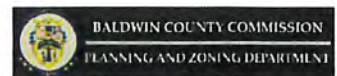
201 E. Section Ave.
Foley, AL 36535

Perdido Beach VFD

8450 Escambia Ave.
Perdido Beach, AL 36530

Eastfork Landfill

17917 CC Road
Elberta, AL 36530



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Report: **Scale Transactions By Material**

Revised for CY Rate Change 04/01/19

Dates: For the period: 4/1/2022 to 12/31/2022

Billing Group: COM-TEMP,COM-COUNTY,COM

Facility: RESIDENTIAL,RECYCLE,MAGNOLIA LANDFILL,MACBRIDE LANDFILL,EASTFORK LANDFILL,BAY MINETTE TRANSFER STATION

Commodity		Nbr of Tickets	Tons	Total Materials	Total
c2	C&D	21,983	70,203.20	\$1,193,705.16	\$1,263,748.87
C2-TRS	C&D - TRS	1,186	2,921.74	\$93,501.44	\$96,423.35
c3	YARD WASTE/BRUSH	1,906	4,839.29	\$82,430.34	\$87,273.09
C3-BCSW	YARD WASTE/BRUSH - BCSW	81	31.41	\$0.00	\$0.00
C3-TRS	YARD WASTE/BRUSH - TRS	52	35.05	\$1,138.92	\$1,174.50
C4	LITTER/RUBBISH	2,357	5,359.35	\$91,058.28	\$96,414.52
C4-BCSW	LITTER/RUBBISH - BCSW	1,945	4,338.37	\$0.00	\$0.00
C4-TRS	LITTER/RUBBISH - TRS	62	92.46	\$2,959.76	\$3,052.25
C5	SPECIAL HANDLING	8	22.56	\$541.44	\$564.00
C6	TRS INCOMING	15	298.81	\$5,378.58	\$5,378.58
C9	NO CHARGE	30	47.59	\$0.00	\$0.00
CO	OUTBOUND TO MCB	15	-298.51	(\$5,373.18)	(\$5,373.18)
CT-BCSW	CHRISTMAS TREES - BCSW	1	0.30	\$0.00	\$0.00
cy	C&D YARDS	5,167	58,663.78	\$631,593.00	\$631,593.00
CY-TRS	C&D YARDS	78	564.94	\$11,325.00	\$11,325.00
h1	H/H HAZARDOUS WASTE	12	0.66	\$2,622.00	\$2,622.00
h2	COMM PAINT	6	0.03	\$1,005.00	\$1,005.00
L0	OUTBOUND TO MLF	4	-13.35	\$0.00	\$0.00
L0E	OUTBOUND TO MLF - FR EFL (Elec, TrealLui	27	-65.58	\$0.00	\$0.00
L1	RESIDENTIAL	9,264	72,843.90	\$2,134,522.69	\$2,207,342.00
L1-ELBERTA	RESIDENTIAL	60	469.04	\$13,602.16	\$14,071.20
L1-TRS	RESIDENTIAL TRS	358	3,209.12	\$93,064.48	\$96,273.60
L10	ASBESTOS	26	299.43	\$11,677.77	\$11,961.01
L2	COMMERCIAL	8,584	65,047.96	\$2,081,942.06	\$2,147,002.51
L2-TRS	COMMERCIAL TRS	1,137	7,730.01	\$363,310.47	\$371,040.48
L3	TREATED LUMBER	100	249.74	\$4,246.47	\$4,496.26
L4	INERT/GARBAGE MIX	146	360.86	\$14,073.54	\$14,434.40
L4-TRS	INERT/GARBAGE MIX TRS	65	210.30	\$11,356.20	\$11,566.50
L5	SPECIAL HANDLING	417	4,762.83	\$185,750.37	\$190,506.11
L5-TRS	SPECIAL HANDLING TRS	32	135.73	\$7,329.42	\$7,465.15
I6	CARRION	54	7.13	\$317.85	\$326.00
L6-TRS	CARRION TRS	1	0.14	\$7.56	\$7.70
I9	INBOUND FROM MCB	4	13.26	\$0.00	\$0.00
L9E	INBOUND FROM EFL	27	65.37	\$0.00	\$0.00
o1	COMPOST	11	21.63	\$540.75	\$540.75
o3	SCRAP METAL - WHITE GOODS	117	1,600.60	\$260,101.88	\$260,101.88
O9	USED OIL	3	3.50	\$0.00	\$0.00
PULL CHARGE	PULL CHARGE	23	0.01	\$1,725.00	\$1,725.00
R1	TIRES < 20IN	123	3.03	\$3,432.00	\$3,432.00
R1-BCSW	TIRES < 20IN BCSW	1	0.00	\$0.00	\$0.00
R2	TIRES > 20IN	54	0.44	\$2,450.00	\$2,450.00
R3	SHRED/CUT TIRES	33	18.34	\$317.80	\$336.48
R3-TRS	SHRED/CUT TIRES TRS	17	7.52	\$240.68	\$248.20
R4	WHITE GOODS	1	0.64	\$10.88	\$11.52
R4-BCSW	WHITE GOODS BCSW	1	0.11	\$0.00	\$0.00
R5	METALS	2	0.90	\$15.30	\$16.20
R6	CHIPS/MULCH INCOMING	9	21.42	\$0.00	\$0.00
R8	BRUSH/YARD WASTE	769	1,654.25	\$28,279.27	\$29,942.70
R8-BCSW	BRUSH/YARD WASTE BCSW	31	15.25	\$0.00	\$0.00
S1	SEPTAGE	340	2,645.07	\$52,901.40	\$52,901.40

Commodity	Nbr of Tickets	Tons	Total Materials	Total
SS - SINGLE STR SINGLE STREAM RECYCLING	1,528	630.88	\$0.00	\$0.00
Grand Totals	<u>58,060</u>	<u>309,070.52</u>	<u>\$7,404,374.02</u>	<u>\$7,644,672.31</u>

Totals
ADEM Tonnage - SITE by Date
(((Trans.DateOut BETWEEN '2023-01-01' AND '2023-03-31')
AND (Trans.Void = 0)
AND (Trans.BillAcct BETWEEN '0' ...

MTLabel : CT (8 items)

Truck	NetSTN	DetailTotalFee	BillCompany	SiteCode	TranNum	DateOut	BillAcct	STEntryLabel	Vol
Summaries for CT		Sum = 2.33	Sum = \$0.00		Count = 8				

MTLabel : H1 (10 items)

Truck	NetSTN	DetailTotalFee	BillCompany	SiteCode	TranNum	DateOut	BillAcct	STEntryLabel	Vol
Summaries for H1		Sum = 3.25	Sum = \$65.05		Count = 10				

MTLabel : O1 (423 items)

Truck	NetSTN	DetailTotalFee	BillCompany	SiteCode	TranNum	DateOut	BillAcct	STEntryLabel	Vol
Summaries for O1		Sum = 542.66	Sum = \$13,734.90		Count = 423				

MTLabel : OCC (2 items)

Truck	NetSTN	DetailTotalFee	BillCompany	SiteCode	TranNum	DateOut	BillAcct	STEntryLabel	Vol
Summaries for OCC		Sum = 40.06	Sum = \$0.00		Count = 2				

Grand Summaries		Sum = 588.30	Sum = \$13,799.95		Count = 443				
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BillCompany : ADMIN BM RECY (11 items)

BillCompany : ADMIN RECYCLE (4 items)

BillCompany : ANNEX BLDG RECY (46 items)

BillCompany : BAY MINETTE PUBLIC WK RECY (5 items)

BillCompany : BCSW RECYCLE STATIONS (12 items)

BillCompany : BICENTENNIAL PARK (4 items)

BillCompany : CAMP BECKWITH RECY (4 items)

BillCompany : ELBERTA VOL FIRE RECY (27 items)

BillCompany : ELSANOR VOL FIRE RECY (8 items)

BillCompany : FAIRHOPE CH RECY (69 items)

Totals

ADEM Tonnage - RECYCLE by Site by Day
 (((Trans.DateOut BETWEEN '2023-01-01' AND '2023-03-31')
 AND (Trans.Void = 0)
 AND (Trans.BillAcct BET...

MTLabel	Truck	NetSTN	DetailTotalFee	DateOut	SiteCode	TranNum	BillAcct	STEntryLabel	Vol
SS SINGLE STREAM	BCSW106	0.44		0 01/02/2023	MG	1708875	705952		
SS SINGLE STREAM	BCSW135	0.53		0 01/02/2023	MG	1708886	705952		
SS SINGLE STREAM	BCSW135	0.32		0 01/03/2023	MG	1708902	705952		
SS SINGLE STREAM	BCSW106	0.01		0 01/04/2023	MG	1708907	705952		
SS SINGLE STREAM	BCSW135	0.18		0 01/04/2023	MG	1708913	705952		
SS SINGLE STREAM	BCSW135	0.18		0 01/05/2023	MG	1708926	705952		
SS SINGLE STREAM	BCSW135	0.4		0 01/06/2023	MG	1708951	705952		
SS SINGLE STREAM	BCSW135	0.33		0 01/06/2023	MG	1708952	705952		
SS SINGLE STREAM	BCSW135	0.52		0 01/09/2023	MG	1708983	705952		
SS SINGLE STREAM	BCSW106	0.52		0 01/11/2023	MG	1709589	705952		
SS SINGLE STREAM	BCSW135	0.18		0 01/11/2023	MG	1709596	705952		
SS SINGLE STREAM	BCSW135	0.14		0 01/12/2023	MG	1709609	705952		
SS SINGLE STREAM	BCSW135	0.31		0 01/13/2023	MG	1709616	705952		
SS SINGLE STREAM	BCSW135	0.58		0 01/16/2023	MG	1709664	705952		
SS SINGLE STREAM	BCSW135	0.3		0 01/17/2023	MG	1709675	705952		
SS SINGLE STREAM	BCSW106	0.16		0 01/18/2023	MG	1709690	705952		
SS SINGLE STREAM	BCSW135	0.2		0 01/19/2023	MG	1709699	705952		
SS SINGLE STREAM	BCSW152	2.71		0 01/23/2023	MG	1709719	705952		
SS SINGLE STREAM	BCSW135	0.11		0 01/25/2023	MG	1709746	705952		
SS SINGLE STREAM	BCSW135	0.09		0 01/26/2023	MG	1709757	705952		
SS SINGLE STREAM	BCSW135	0.54		0 01/30/2023	MG	1709777	705952		
SS SINGLE STREAM	BCSW135	0.23		0 01/31/2023	MG	1709809	705952		
SS SINGLE STREAM	BCSW135	0.17		0 02/01/2023	MG	1712704	705952		
SS SINGLE STREAM	BCSW135	0.16		0 02/02/2023	MG	1712712	705952		
SS SINGLE STREAM	BCSW135	0.13		0 02/03/2023	MG	1712724	705952		
SS SINGLE STREAM	BCSW135	0.5		0 02/06/2023	MG	1712728	705952		
SS SINGLE STREAM	BCSW150	3.63		0 02/06/2023	MG	1712736	705952		
SS SINGLE STREAM	BCSW135	0.2		0 02/07/2023	MG	1712750	705952		
SS SINGLE STREAM	BCSW135	0.11		0 02/08/2023	MG	1712759	705952		
SS SINGLE STREAM	BCSW135	0.09		0 02/09/2023	MG	1712768	705952		
SS SINGLE STREAM	BCSW135	0.05		0 02/10/2023	MG	1712777	705952		
SS SINGLE STREAM	BCSW135	0.51		0 02/13/2023	MG	1712793	705952		
SS SINGLE STREAM	BCSW135	0.26		0 02/14/2023	MG	1712804	705952		
SS SINGLE STREAM	BCSW150	1.14		0 02/15/2023	MG	1712805	705952		
SS SINGLE STREAM	BCSW135	0.19		0 02/15/2023	MG	1712816	705952		

SS SINGLE STREAM	BCSW135	0.05	Totals	0 02/16/2023	MG	1712828	705952
SS SINGLE STREAM	BCSW135		ADEM Tompage - RECYCLE by Site by Day	0 02/17/2023	MG	1712841	705952
SS SINGLE STREAM	BCSW135		((Trans.DateOut BETWEEN '2023-01-01' AND '2023-03-31'))	0 02/18/2023	MG	1712854	705952
SS SINGLE STREAM	BCSW135		AND (Trans.Void = 0)	0 02/21/2023	MG	1712867	705952
SS SINGLE STREAM	BCSW150		AND Trans.BillAcct BE	0 02/22/2023	MG	1712871	705952
SS SINGLE STREAM	BCSW135	0.2		0 02/22/2023	MG	1712877	705952
SS SINGLE STREAM	BCSW135	0.03		0 02/23/2023	MG	1712885	705952
SS SINGLE STREAM	BCSW135	0.3		0 02/24/2023	MG	1712894	705952
SS SINGLE STREAM	BCSW150	0.97		0 02/27/2023	MG	1712905	705952
SS SINGLE STREAM	BCSW135	0.42		0 02/27/2023	MG	1712910	705952
SS SINGLE STREAM	BCSW135	0.18		0 02/28/2023	MG	1712924	705952
SS SINGLE STREAM	BCSW135	0.17		0 03/01/2023	MG	1719240	705952
SS SINGLE STREAM	BCSW135	0.15		0 03/02/2023	MG	1719343	705952
SS SINGLE STREAM	BCSW135	0.16		0 03/03/2023	MG	1719353	705952
SS SINGLE STREAM	BCSW135	0.5		0 03/06/2023	MG	1719442	705952
SS SINGLE STREAM	BCSW135	0.24		0 03/07/2023	MG	1719453	705952
SS SINGLE STREAM	BCSW135	0.21		0 03/08/2023	MG	1719459	705952
SS SINGLE STREAM	BCSW135	0.07		0 03/09/2023	MG	1719466	705952
SS SINGLE STREAM	BCSW135	0.17		0 03/10/2023	MG	1719480	705952
SS SINGLE STREAM	BCSW135	0.41		0 03/13/2023	MG	1719496	705952
SS SINGLE STREAM	BCSW135	0.14		0 03/14/2023	MG	1719508	705952
SS SINGLE STREAM	BCSW135	0.27		0 03/15/2023	MG	1719514	705952
SS SINGLE STREAM	BCSW135	0.09		0 03/16/2023	MG	1719522	705952
SS SINGLE STREAM	BCSW135	0.16		0 03/17/2023	MG	1719532	705952
SS SINGLE STREAM	BCSW106	0.49		0 03/20/2023	MG	1719546	705952
SS SINGLE STREAM	BCSW135	0.33		0 03/21/2023	MG	1719557	705952
SS SINGLE STREAM	BCSW135	0.3		0 03/22/2023	MG	1719563	705952
SS SINGLE STREAM	BCSW135	0.27		0 03/23/2023	MG	1719571	705952
SS SINGLE STREAM	BCSW135	0.38		0 03/24/2023	MG	1719584	705952
SS SINGLE STREAM	BCSW135	0.65		0 03/27/2023	MG	1719602	705952
SS SINGLE STREAM	BCSW135	0.15		0 03/28/2023	MG	1719612	705952
SS SINGLE STREAM	BCSW135	0.08		0 03/29/2023	MG	1719619	705952
SS SINGLE STREAM	BCSW135	0.06		0 03/30/2023	MG	1719624	705952
SS SINGLE STREAM	BCSW135	0.22		0 03/31/2023	MG	1719631	705952
Summaries for FAIRHOPE CH RECY							
		Sum = 26.16	Sum = \$0.00			Count = 69	

BillCompany : FIVE RIVERS DELTA RECY (14 items)

BillCompany : FOLEY CH RECY (29 items)

BillCompany : FORT MORGAN FIRE RECY (6 items)

BillCompany : **MACBRIDE RECY (24 items)**

MTLabel	Truck	NetSTN	DetailTotalFee	DateOut	SiteCode	TranNum	BillAcct	STEntryLabel	Vol
SS SINGLE STREAM	BCSW135	0.35		0 01/04/2023	MG	1708911	705957		
SS SINGLE STREAM	BCSW135	0.37		0 01/04/2023	MG	1708915	705957		
SS SINGLE STREAM	BCSW135	0.51		0 01/11/2023	MG	1709592	705957		
SS SINGLE STREAM	BCSW135	0.34		0 01/11/2023	MG	1709594	705957		
SS SINGLE STREAM	BCSW106	0.09		0 01/18/2023	MG	1709687	705957		
SS SINGLE STREAM	BCSW106	0.11		0 01/18/2023	MG	1709688	705957		
SS SINGLE STREAM	BCSW135	0.37		0 01/25/2023	MG	1709745	705957		
SS SINGLE STREAM	BCSW135	0.17		0 01/25/2023	MG	1709748	705957		
SS SINGLE STREAM	BCSW135	0.2		0 02/01/2023	MG	1712703	705957		
SS SINGLE STREAM	BCSW135	0.32		0 02/01/2023	MG	1712705	705957		

MTLabel	Truck	NetSTN	DetailTotalFee	DateOut	SiteCode	TranNum	BillAcct	STEntryLabel	Vol
SS SINGLE STREAM	BCSW135	0.18	Totals	0 02/08/2023	MG				1712756 705957
SS SINGLE STREAM	BCSW135	0.18	ADEM Tonnage - RECYCLE by Site	02/08/2023	MG				1712757 705957
SS SINGLE STREAM	BCSW135	0.18	(((Trans.DateOut Began	2023-01-01	MG				1712808 705957
SS SINGLE STREAM	BCSW135	0.18	AND (Trans.Void = 0	02/15/2023	MG				1712814 705957
SS SINGLE STREAM	BCSW135	0.18	AND Trans.BillAcct Began	02/22/2023	MG				1712878 705957
SS SINGLE STREAM	BCSW135	0.24		0 02/22/2023	MG				1712879 705957
SS SINGLE STREAM	BCSW135	0.26		0 03/01/2023	MG				1719236 705957
SS SINGLE STREAM	BCSW135	0.21		0 03/01/2023	MG				1719250 705957
SS SINGLE STREAM	BCSW135	0.35		0 03/08/2023	MG				1719457 705957
SS SINGLE STREAM	BCSW135	0.27		0 03/08/2023	MG				1719460 705957
SS SINGLE STREAM	BCSW135	0.32		0 03/15/2023	MG				1719515 705957
SS SINGLE STREAM	BCSW135	0.41		0 03/22/2023	MG				1719561 705957
SS SINGLE STREAM	BCSW135	0.59		0 03/22/2023	MG				1719564 705957
SS SINGLE STREAM	BCSW135	0.05		0 03/29/2023	MG				1719618 705957

Summaries for MACBRIDE RECY

Sum = 6.83 Sum = \$0.00

Count = 24

BillCompany : MAGNOLIA LANDFILL RECY (14 items)

BillCompany : MAGNOLIA SPRINGS RECY (26 items)

BillCompany : ORANGE BEACH COMM RECY (8 items)

BillCompany : ORANGE BEACH PW RECY (22 items)

BillCompany : PERDIDO BEACH FD RECY (12 items)

BillCompany : PERDIDO VOL FD RECY (1 item)

BillCompany : ROBERTSDALE HS RECY (5 items)

BillCompany : SILVERHILL LIL HALL RECY (27 items)

BillCompany : SPANISH FT KIDS RECY (70 items)

MTLabel	Truck	NetSTN	DetailTotalFee	DateOut	SiteCode	TranNum	BillAcct	STEntryLabel	Vol
SS SINGLE STREAM	BCSW131	0.23		0 01/02/2023	MG	1708877	705965		
SS SINGLE STREAM	BCSW106	0.3		0 01/02/2023	MG	1708881	705965		
SS SINGLE STREAM	BCSW131	0.56		0 01/02/2023	MG	1708884	705965		
SS SINGLE STREAM	BCSW106	0.46		0 01/04/2023	MG	1708909	705965		
SS SINGLE STREAM	BCSW131	0.9		0 01/05/2023	MG	1708922	705965		
SS SINGLE STREAM	BCSW131	0.73		0 01/05/2023	MG	1708924	705965		
SS SINGLE STREAM	BCSW135	0.15		0 01/06/2023	MG	1708948	705965		
SS SINGLE STREAM	BCSW135	0.14		0 01/06/2023	MG	1708950	705965		
SS SINGLE STREAM	BCSW131	0.46		0 01/09/2023	MG	1708975	705965		
SS SINGLE STREAM	BCSW131	0.4		0 01/09/2023	MG	1708980	705965		
SS SINGLE STREAM	BCSW106	0.71		0 01/12/2023	MG	1709605	705965		
SS SINGLE STREAM	BCSW131	0.63		0 01/12/2023	MG	1709606	705965		
SS SINGLE STREAM	BCSW131	0.44		0 01/12/2023	MG	1709611	705965		
SS SINGLE STREAM	BCSW135	0.1		0 01/13/2023	MG	1709615	705965		
SS SINGLE STREAM	BCSW131	0.52		0 01/16/2023	MG	1709624	705965		
SS SINGLE STREAM	BCSW131	0.52		0 01/16/2023	MG	1709658	705965		
SS SINGLE STREAM	BCSW131	0.48		0 01/16/2023	MG	1709662	705965		
SS SINGLE STREAM	BCSW131	0.43		0 01/19/2023	MG	1709696	705965		
SS SINGLE STREAM	BCSW131	0.68		0 01/19/2023	MG	1709700	705965		
SS SINGLE STREAM	BCSW135	0.27		0 01/20/2023	MG	1709706	705965		

SS SINGLE STREAM	BCSW131	0.42	Totals	0	01/23/2023	MG	1709722	705965
SS SINGLE STREAM	BCSW131		ADEM Tonnage - RECYCLE by Site	0	01/23/2023	MG	1709726	705965
SS SINGLE STREAM	BCSW135		((Trans.DateOut BETWEEN '2023-01-01' AND '2023-03-31'))	0	01/23/2023	MG	1709729	705965
SS SINGLE STREAM	BCSW131		AND (Trans.Void = 0)	0	01/26/2023	MG	1709754	705965
SS SINGLE STREAM	BCSW131		AND (Trans.BillAcct BE)	0	01/26/2023	MG	1709758	705965
SS SINGLE STREAM	BCSW135	0.09		0	01/27/2023	MG	1709762	705965
SS SINGLE STREAM	BCSW135	0.12		0	01/27/2023	MG	1709764	705965
SS SINGLE STREAM	BCSW131	0.48		0	01/30/2023	MG	1709771	705965
SS SINGLE STREAM	BCSW131	0.44		0	01/30/2023	MG	1709775	705965
SS SINGLE STREAM	BCSW131	0.35		0	02/02/2023	MG	1712714	705965
SS SINGLE STREAM	BCSW131	0.53		0	02/02/2023	MG	1712716	705965
SS SINGLE STREAM	BCSW135	0.09		0	02/03/2023	MG	1712721	705965
SS SINGLE STREAM	BCSW131	0.51		0	02/06/2023	MG	1712731	705965
SS SINGLE STREAM	BCSW131	0.38		0	02/06/2023	MG	1712734	705965
SS SINGLE STREAM	BCSW131	0.55		0	02/09/2023	MG	1712767	705965
SS SINGLE STREAM	BCSW131	0.69		0	02/09/2023	MG	1712769	705965
SS SINGLE STREAM	BCSW135	0.12		0	02/10/2023	MG	1712775	705965
SS SINGLE STREAM	BCSW131	0.58		0	02/13/2023	MG	1712787	705965
SS SINGLE STREAM	BCSW131	0.59		0	02/13/2023	MG	1712790	705965
SS SINGLE STREAM	BCSW131	0.55		0	02/16/2023	MG	1712823	705965
SS SINGLE STREAM	BCSW131	0.43		0	02/16/2023	MG	1712830	705965
SS SINGLE STREAM	BCSW135	0.21		0	02/17/2023	MG	1712837	705965
SS SINGLE STREAM	BCSW131	0.36		0	02/20/2023	MG	1712848	705965
SS SINGLE STREAM	BCSW131	0.12		0	02/20/2023	MG	1712852	705965
SS SINGLE STREAM	BCSW131	0.48		0	02/23/2023	MG	1712883	705965
SS SINGLE STREAM	BCSW131	0.44		0	02/23/2023	MG	1712887	705965
SS SINGLE STREAM	BCSW135	0.08		0	02/24/2023	MG	1712890	705965
SS SINGLE STREAM	BCSW131	0.56		0	02/27/2023	MG	1712904	705965
SS SINGLE STREAM	BCSW131	0.39		0	02/27/2023	MG	1712907	705965
SS SINGLE STREAM	BCSW131	0.51		0	03/02/2023	MG	1719342	705965
SS SINGLE STREAM	BCSW135	0.1		0	03/03/2023	MG	1719351	705965
SS SINGLE STREAM	BCSW131	0.44		0	03/06/2023	MG	1719372	705965
SS SINGLE STREAM	BCSW131	0.43		0	03/06/2023	MG	1719438	705965
SS SINGLE STREAM	BCSW131	0.32		0	03/09/2023	MG	1719467	705965
SS SINGLE STREAM	BCSW131	0.29		0	03/09/2023	MG	1719474	705965
SS SINGLE STREAM	BCSW135	0.06		0	03/10/2023	MG	1719476	705965
SS SINGLE STREAM	BCSW131	0.39		0	03/13/2023	MG	1719492	705965
SS SINGLE STREAM	BCSW131	0.47		0	03/13/2023	MG	1719494	705965
SS SINGLE STREAM	BCSW131	0.86		0	03/16/2023	MG	1719521	705965
SS SINGLE STREAM	BCSW131	0.76		0	03/16/2023	MG	1719523	705965
SS SINGLE STREAM	BCSW135	0.11		0	03/17/2023	MG	1719527	705965
SS SINGLE STREAM	BCSW131	0.48		0	03/20/2023	MG	1719538	705965
SS SINGLE STREAM	BCSW131	0.53		0	03/20/2023	MG	1719542	705965
SS SINGLE STREAM	BCSW131	0.48		0	03/23/2023	MG	1719574	705965
SS SINGLE STREAM	BCSW131	0.5		0	03/23/2023	MG	1719577	705965
SS SINGLE STREAM	BCSW135	0.17		0	03/24/2023	MG	1719581	705965
SS SINGLE STREAM	BCSW131	0.63		0	03/27/2023	MG	1719593	705965
SS SINGLE STREAM	BCSW131	0.45		0	03/27/2023	MG	1719597	705965
SS SINGLE STREAM	BCSW131	0.46		0	03/30/2023	MG	1719622	705965
SS SINGLE STREAM	BCSW135	0.3		0	03/31/2023	MG	1719630	705965
Summaries for SPANISH FT KIDS RECY								
		Sum = 29.20	Sum = \$0.00			Count = 70		

BillCompany : STAPLETON FD RECY (14 items)

BillCompany : STOCKTON PO RECY (3 items)

BillCompany : SUMMERDALE FD RECY (17 items)

BillCompany : TRANSFER STATION RECY (2 items)

BillCompany : WEEKSBAY ST PARK RECY (26 items)

Totals

ADEM Tonnage - RECYCLE by Site by Day
(((Trans.DateOut BETWEEN '2023-01-01' AND '2023-03-31')
AND (Trans.Void = 0)
AND (Trans.BillAcct BET...

Grand Summaries

Sum = 331.88

Sum = \$0.00

Count = 510

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	12/12/22	Material Tick	FIVE RIVEI			940	0.47		\$0.00		
	12/19/22	Material Tick	FIVE RIVEI			840	0.42		\$0.00		
	12/26/22	Material Tick	FIVE RIVEI			560	0.28		\$0.00		
	Totals					27,940	13.97		\$0.00		

705952 FAIRHOPE COURTHOUSE RECY FAIRHOPE, AL \$0.00

SS - SINGLE STREAM

04/01/22	Material Tick	fhope 6237			480	0.24		\$0.00
04/02/22	Material Tick	fhope chou:			420	0.21		\$0.00
04/04/22	Material Tick	fairhope 64			880	0.44		\$0.00
04/04/22	Material Tick	fairhope 83:			600	0.30		\$0.00
04/05/22	Material Tick	fhope chou:			1,140	0.57		\$0.00
04/06/22	Material Tick	fhope chou:			1,380	0.69		\$0.00
04/07/22	Material Tick	fairhope 84			440	0.22		\$0.00
04/08/22	Material Tick	fhope 6471:			380	0.19		\$0.00
04/08/22	Material Tick	fhope chou:			180	0.09		\$0.00
04/09/22	Material Tick	fhope chou:			260	0.13		\$0.00
04/11/22	Material Tick	fhope chou:			620	0.31		\$0.00
04/11/22	Material Tick	fhope chou:			940	0.47		\$0.00
04/12/22	Material Tick	fh court 647			560	0.28		\$0.00
04/13/22	Material Tick	fhope chou:			720	0.36		\$0.00
04/14/22	Material Tick	fhope c hou:			360	0.18		\$0.00
04/15/22	Material Tick	fhope court			340	0.17		\$0.00
04/15/22	Material Tick	fhope chou:			520	0.26		\$0.00
04/16/22	Material Tick	fairhope 62			500	0.25		\$0.00
04/18/22	Material Tick	fairhope647			520	0.26		\$0.00
04/18/22	Material Tick	fairhopero1			820	0.41		\$0.00
04/19/22	Material Tick	fairhope 83:			1,120	0.56		\$0.00
04/20/22	Material Tick	fhc/8330			540	0.27		\$0.00
04/21/22	Material Tick	fairhope 64			1,120	0.56		\$0.00
04/22/22	Material Tick	fairhope 64			1,120	0.56		\$0.00
04/22/22	Material Tick	fairhope 62:			600	0.30		\$0.00
04/23/22	Material Tick	fair court hc						\$0.00
04/25/22	Material Tick	fhope chou:			760	0.38		\$0.00
04/25/22	Material Tick	FHOPE 64:			640	0.32		\$0.00
04/26/22	Material Tick	fhope chou:			1,660	0.83		\$0.00
04/27/22	Material Tick	FAIR COU			1,080	0.54		\$0.00
04/28/22	Material Tick	fhope chou:			2,540	1.27		\$0.00
04/29/22	Material Tick	fairhope647			880	0.44		\$0.00
04/30/22	Material Tick	FAIRHOPE			160	0.08		\$0.00
05/02/22	Material Tick	fairhope 62			840	0.42		\$0.00
05/02/22	Material Tick	fairhope R0			720	0.36		\$0.00
05/03/22	Material Tick	FHOPE CH			740	0.37		\$0.00
05/04/22	Material Tick	fhope 6471:			1,580	0.79		\$0.00
05/05/22	Material Tick	fair court hc			380	0.19		\$0.00
05/06/22	Material Tick	fhope chou:			540	0.27		\$0.00
05/06/22	Material Tick	fhope chou:			420	0.21		\$0.00
05/07/22	Material Tick	fairhope 64			20	0.01		\$0.00
05/09/22	Material Tick	FHOPE CH			780	0.39		\$0.00
05/10/22	Material Tick	FHOPE CH			620	0.31		\$0.00
05/11/22	Material Tick	FAIR HOPE			780	0.39		\$0.00
05/12/22	Material Tick	courthouse			1,700	0.85		\$0.00
05/13/22	Material Tick	FH CRTHO			840	0.42		\$0.00
05/13/22	Material Tick	fh crt HOU:			500	0.25		\$0.00
05/14/22	Material Tick	fhope 6471:			60	0.03		\$0.00
05/16/22	Material Tick	fhope 8419			760	0.38		\$0.00
05/17/22	Material Tick	fairhope 64			1,180	0.59		\$0.00
05/18/22	Material Tick	court hous:			1,640	0.82		\$0.00
05/19/22	Material Tick	fairhope 647			420	0.21		\$0.00
05/20/22	Material Tick	fhope chou:			840	0.42		\$0.00
05/20/22	Material Tick	fhope chou:			1,180	0.59		\$0.00

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	05/21/22	Material Tick	fhope 6716			400	0.20		\$0.00		
	05/23/22	Material Tick	fhope r019			660	0.33		\$0.00		
	05/23/22	Material Tick	fhope 8421			640	0.32		\$0.00		
	05/24/22	Material Tick	fhope chou			880	0.44		\$0.00		
	05/25/22	Material Tick	fhope chou			1,120	0.56		\$0.00		
	05/26/22	Material Tick	fhope chou			600	0.30		\$0.00		
	05/27/22	Material Tick	fairhopecou			400	0.20		\$0.00		
	05/28/22	Material Tick	fhope chou			660	0.33		\$0.00		
	05/30/22	Material Tick	FAIRHOPE			1,000	0.50		\$0.00		
	05/30/22	Material Tick	FAIRHOPE			1,060	0.53		\$0.00		
	05/31/22	Material Tick	fhope chou			380	0.19		\$0.00		
	06/01/22	Material Tick	FHC 8419			520	0.26		\$0.00		
	06/02/22	Material Tick	FAIRHIOPE			540	0.27		\$0.00		
	06/03/22	Material Tick	fhope 8330			880	0.44		\$0.00		
	06/03/22	Material Tick	fhope 8326			460	0.23		\$0.00		
	06/04/22	Material Tick	fhope 8330			200	0.10		\$0.00		
	06/06/22	Material Tick	fhope chou			480	0.24		\$0.00		
	06/06/22	Material Tick	fhope chou			640	0.32		\$0.00		
	06/07/22	Material Tick	FAIRHOPE			620	0.31		\$0.00		
	06/08/22	Material Tick	FHOPE CH			380	0.19		\$0.00		
	06/09/22	Material Tick	fhope chou			2,320	1.16		\$0.00		
	06/10/22	Material Tick	FAIRHOPE			380	0.19		\$0.00		
	06/10/22	Material Tick	FAIRHOPE			620	0.31		\$0.00		
	06/11/22	Material Tick	fhope chou			280	0.14		\$0.00		
	06/13/22	Material Tick	FHC/R022			740	0.37		\$0.00		
	06/13/22	Material Tick	FHC 6237			780	0.39		\$0.00		
	06/14/22	Material Tick	fhc/ro22			1,220	0.61		\$0.00		
	06/15/22	Material Tick	court house			920	0.46		\$0.00		
	06/16/22	Material Tick	fhc 8412			700	0.35		\$0.00		
	06/17/22	Material Tick	fairhope 26'			660	0.33		\$0.00		
	06/18/22	Material Tick	fairhope 84'			400	0.20		\$0.00		
	06/18/22	Material Tick	fairhope 62'			480	0.24		\$0.00		
	06/20/22	Material Tick	fhope 6471'			720	0.36		\$0.00		
	06/20/22	Material Tick	fhope 8421			520	0.26		\$0.00		
	06/21/22	Material Tick	fhope 6471'			560	0.28		\$0.00		
	06/22/22	Material Tick	fairhope 64'			1,080	0.54		\$0.00		
	06/23/22	Material Tick	fch 8412			1,500	0.75		\$0.00		
	06/24/22	Material Tick	8416/ fhco			620	0.31		\$0.00		
	06/25/22	Material Tick	fhope chou			160	0.08		\$0.00		
	06/27/22	Material Tick	courthouse			680	0.34		\$0.00		
	06/27/22	Material Tick	court 8324			1,000	0.50		\$0.00		
	06/28/22	Material Tick	FAIRHOPE			700	0.35		\$0.00		
	06/29/22	Material Tick	fhope chou			1,640	0.82		\$0.00		
	06/30/22	Material Tick	FAIRHOPE			660	0.33		\$0.00		
	07/01/22	Material Tick	fh/64717			360	0.18		\$0.00		
	07/01/22	Material Tick	fhc64715			200	0.10		\$0.00		
	07/02/22	Material Tick	83310FAIR			60	0.03		\$0.00		
	07/04/22	Material Tick	FAIRHOPE			920	0.46		\$0.00		
	07/04/22	Material Tick	FAIRHOPE			1,040	0.52		\$0.00		
	07/05/22	Material Tick	fhope 8413			280	0.14		\$0.00		
	07/06/22	Material Tick	fhope chou			540	0.27		\$0.00		
	07/07/22	Material Tick	court house			1,140	0.57		\$0.00		
	07/08/22	Material Tick	fhope chou			760	0.38		\$0.00		
	07/08/22	Material Tick	fhope chou			760	0.38		\$0.00		
	07/09/22	Material Tick	fhope chou			460	0.23		\$0.00		
	07/11/22	Material Tick	FAIRHOPE			940	0.47		\$0.00		
	07/11/22	Material Tick	FAIRHOPE			720	0.36		\$0.00		
	07/12/22	Material Tick	FAIRHOPE			1,240	0.62		\$0.00		
	07/13/22	Material Tick	faircourt647			840	0.42		\$0.00		
	07/14/22	Material Tick	fhope chou			300	0.15		\$0.00		
	07/15/22	Material Tick	fhch/8331			380	0.19		\$0.00		

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	07/15/22	Material Tick	fhch 8419			200	0.10		\$0.00		
	07/16/22	Material Tick	64715 fairh			10	0.01		\$0.00		
	07/18/22	Material Tick	FAIRHOPE			1,000	0.50		\$0.00		
	07/18/22	Material Tick	FAIRHOPE			700	0.35		\$0.00		
	07/19/22	Material Tick	FAIRHOPE			1,080	0.54		\$0.00		
	07/20/22	Material Tick	FAIRHOPE			1,000	0.50		\$0.00		
	07/21/22	Material Tick	FAIRHOPE			540	0.27		\$0.00		
	07/22/22	Material Tick	FHOPE 84'			620	0.31		\$0.00		
	07/22/22	Material Tick	fhope r019			700	0.35		\$0.00		
	07/23/22	Material Tick	fhope 8419			300	0.15		\$0.00		
	07/25/22	Material Tick	court 64717			860	0.43		\$0.00		
	07/25/22	Material Tick	8329			820	0.41		\$0.00		
	07/26/22	Material Tick	court house			1,020	0.51		\$0.00		
	07/27/22	Material Tick	fhope chour			1,760	0.88		\$0.00		
	07/28/22	Material Tick	faircourt647			780	0.39		\$0.00		
	07/29/22	Material Tick	FHOPE CH			560	0.28		\$0.00		
	07/30/22	Material Tick	fairhope 83:			180	0.09		\$0.00		
	08/01/22	Material Tick	FAIRHOPE			600	0.30		\$0.00		
	08/01/22	Material Tick	FAIRHOPE			840	0.42		\$0.00		
	08/02/22	Material Tick	court house			640	0.32		\$0.00		
	08/03/22	Material Tick	fhope cour			1,260	0.63		\$0.00		
	08/04/22	Material Tick	fhope chour			680	0.34		\$0.00		
	08/05/22	Material Tick	fhope chour			640	0.32		\$0.00		
	08/05/22	Material Tick	fhope chour			680	0.34		\$0.00		
	08/06/22	Material Tick	64716			720	0.36		\$0.00		
	08/08/22	Material Tick	FAIRHOPE			900	0.45		\$0.00		
	08/08/22	Material Tick	FAIRHOPE			1,200	0.60		\$0.00		
	08/09/22	Material Tick	Fairhopeco			1,020	0.51		\$0.00		
	08/10/22	Material Tick	FHCH/841E			980	0.49		\$0.00		
	08/11/22	Material Tick	court house			600	0.30		\$0.00		
	08/12/22	Material Tick	64720			560	0.28		\$0.00		
	08/12/22	Material Tick	8331			460	0.23		\$0.00		
	08/13/22	Material Tick	fairhope 64'			380	0.19		\$0.00		
	08/15/22	Material Tick	FHOPE CH			820	0.41		\$0.00		
	08/15/22	Material Tick	FHOPE CH			900	0.45		\$0.00		
	08/16/22	Material Tick	court house			700	0.35		\$0.00		
	08/17/22	Material Tick	fairhope 84			580	0.29		\$0.00		
	08/18/22	Material Tick	FAIRHOPE			700	0.35		\$0.00		
	08/19/22	Material Tick	FHOPE 62:			1,140	0.57		\$0.00		
	08/19/22	Material Tick	fhope 6471			460	0.23		\$0.00		
	08/20/22	Material Tick	fhope chour			520	0.26		\$0.00		
	08/22/22	Material Tick	FHOPE 62:			860	0.43		\$0.00		
	08/22/22	Material Tick	FHOPE 64:			760	0.38		\$0.00		
	08/23/22	Material Tick	fhope cour			1,220	0.61		\$0.00		
	08/24/22	Material Tick	fhope chour			1,160	0.58		\$0.00		
	08/25/22	Material Tick	fhope chour			420	0.21		\$0.00		
	08/26/22	Material Tick	fh crths 832			340	0.17		\$0.00		
	08/26/22	Material Tick	fairhope r0:			40	0.02		\$0.00		
	08/27/22	Material Tick	fhope chour			120	0.06		\$0.00		
	08/29/22	Material Tick	FHQP 8414			900	0.45		\$0.00		
	08/29/22	Material Tick	FHOPE 83:			800	0.40		\$0.00		
	08/30/22	Material Tick	FH			220	0.11		\$0.00		
	08/30/22	Material Tick	fhch/8324			1,480	0.74		\$0.00		
	08/31/22	Material Tick	fhope			180	0.09		\$0.00		
	08/31/22	Material Tick	FHOPE R0.			800	0.40		\$0.00		
	09/01/22	Material Tick	fhope			240	0.12		\$0.00		
	09/01/22	Material Tick	FHOPE CH			1,460	0.73		\$0.00		
	09/03/22	Material Tick	fhope chour			580	0.29		\$0.00		
	09/05/22	Material Tick	6236			700	0.35		\$0.00		
	09/05/22	Material Tick	COURT HC			940	0.47		\$0.00		
	09/06/22	Material Tick	8325			420	0.21		\$0.00		

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	09/06/22	Material Tick				280	0.14		\$0.00		
	09/07/22	Material Tick	FHOPE CR			240	0.12		\$0.00		
	09/07/22	Material Tick	FHOPE CR			300	0.15		\$0.00		
	09/08/22	Material Tick	64719			240	0.12		\$0.00		
	09/09/22	Material Tick	fhope 8332			280	0.14		\$0.00		
	09/12/22	Material Tick	FAIRHOPE			920	0.46		\$0.00		
	09/12/22	Material Tick	FAIRHOPE			820	0.41		\$0.00		
	09/13/22	Material Tick	8416			360	0.18		\$0.00		
	09/14/22	Material Tick	fairhope 83			460	0.23		\$0.00		
	09/14/22	Material Tick	FAIRHOPE			300	0.15		\$0.00		
	09/15/22	Material Tick	FAIRHOPE			200	0.10		\$0.00		
	09/15/22	Material Tick				260	0.13		\$0.00		
	09/16/22	Material Tick	fh crt			20	0.01		\$0.00		
	09/16/22	Material Tick	fairhope 64			240	0.12		\$0.00		
	09/19/22	Material Tick	FAIRHOPE			720	0.36		\$0.00		
	09/19/22	Material Tick	FAIRHOPE			1,100	0.55		\$0.00		
	09/20/22	Material Tick	fhope chou			300	0.15		\$0.00		
	09/21/22	Material Tick	fhope			380	0.19		\$0.00		
	09/21/22	Material Tick	fhope chou			360	0.18		\$0.00		
	09/22/22	Material Tick	24747			80	0.04		\$0.00		
	09/23/22	Material Tick	8329			360	0.18		\$0.00		
	09/26/22	Material Tick	fairhope			720	0.36		\$0.00		
	09/26/22	Material Tick	FHCH/2557			1,280	0.64		\$0.00		
	09/27/22	Material Tick	fhch/8329			700	0.35		\$0.00		
	09/28/22	Material Tick	fhope chou			380	0.19		\$0.00		
	09/29/22	Material Tick	FAIRHOPE			300	0.15		\$0.00		
	09/30/22	Material Tick	8414/FHC			1,000	0.50		\$0.00		
	10/03/22	Material Tick	fh			1,420	0.71		\$0.00		
	10/03/22	Material Tick	fhc/26747			880	0.44		\$0.00		
	10/04/22	Material Tick	fhope chou			320	0.16		\$0.00		
	10/05/22	Material Tick	FHCH/832E			300	0.15		\$0.00		
	10/06/22	Material Tick	fhch/64719			120	0.06		\$0.00		
	10/07/22	Material Tick	fhope chou			220	0.11		\$0.00		
	10/10/22	Material Tick	fhc/25579R			920	0.46		\$0.00		
	10/11/22	Material Tick	fairhope 84			300	0.15		\$0.00		
	10/12/22	Material Tick	FAIRHOPE			260	0.13		\$0.00		
	10/12/22	Material Tick	FAIRHOPE			2,540	1.27		\$0.00		
	10/13/22	Material Tick	FAIRHOPE			20	0.01		\$0.00		
	10/14/22	Material Tick	fhope 6471			140	0.07		\$0.00		
	10/17/22	Material Tick	fhc/8412			1,080	0.54		\$0.00		
	10/18/22	Material Tick	FHC/64718			620	0.31		\$0.00		
	10/19/22	Material Tick	FHOPE CH			320	0.16		\$0.00		
	10/20/22	Material Tick	fhope chou			220	0.11		\$0.00		
	10/21/22	Material Tick	FHOPE 83			400	0.20		\$0.00		
	10/24/22	Material Tick	fhope chou			1,140	0.57		\$0.00		
	10/25/22	Material Tick	FHOPE 84			520	0.26		\$0.00		
	10/26/22	Material Tick	8325 FHOF			580	0.29		\$0.00		
	10/27/22	Material Tick	fhch/8419			20	0.01		\$0.00		
	10/28/22	Material Tick	8413			460	0.23		\$0.00		
	10/31/22	Material Tick	cardboard			3,820	1.91		\$0.00		
	10/31/22	Material Tick	FHCH/841E			880	0.44		\$0.00		
	11/01/22	Material Tick	FHCH/8324			600	0.30		\$0.00		
	11/02/22	Material Tick	fhc/8332			1,000	0.50		\$0.00		
	11/03/22	Material Tick	FAIRHOPE			220	0.11		\$0.00		
	11/04/22	Material Tick	Fairhope83			280	0.14		\$0.00		
	11/07/22	Material Tick	FCH/8413			960	0.48		\$0.00		
	11/08/22	Material Tick	fhpe chous			640	0.32		\$0.00		
	11/09/22	Material Tick	fhope chou			440	0.22		\$0.00		
	11/10/22	Material Tick	FHCH/832E			120	0.06		\$0.00		
	11/11/22	Material Tick	FHOPE CH			280	0.14		\$0.00		
	11/14/22	Material Tick	fch/8416			820	0.41		\$0.00		

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	11/15/22	Material Tick	FAIRHOPE			880	0.44		\$0.00		
	11/17/22	Material Tick	fhope 8413			820	0.41		\$0.00		
	11/18/22	Material Tick	FairhopeCc			440	0.22		\$0.00		
	11/21/22	Material Tick	fairhope cai			5,820	2.91		\$0.00		
	11/21/22	Material Tick	FAIRHOPE			920	0.46		\$0.00		
	11/22/22	Material Tick	FAIRHOPE			960	0.48		\$0.00		
	11/23/22	Material Tick	fch/8329			480	0.24		\$0.00		
	11/25/22	Material Tick	FAIRHOPE			360	0.18		\$0.00		
	11/28/22	Material Tick	fhope chou:			1,060	0.53		\$0.00		
	11/29/22	Material Tick	FAIRHOPE			440	0.22		\$0.00		
	11/30/22	Material Tick	FAIRHOPE			400	0.20		\$0.00		
	12/01/22	Material Tick	FAIRHOPE			220	0.11		\$0.00		
	12/02/22	Material Tick	fhch/64715			240	0.12		\$0.00		
	12/05/22	Material Tick	fch/8412			1,060	0.53		\$0.00		
	12/06/22	Material Tick	fhope chou:			500	0.25		\$0.00		
	12/07/22	Material Tick	fhope			6,100	3.05		\$0.00		
	12/07/22	Material Tick	fhope chou:			540	0.27		\$0.00		
	12/08/22	Material Tick	fch/26747			180	0.09		\$0.00		
	12/09/22	Material Tick	fhope chou:			220	0.11		\$0.00		
	12/12/22	Material Tick	FAIRHOPE			1,300	0.65		\$0.00		
	12/13/22	Material Tick	fairhope 64			600	0.30		\$0.00		
	12/14/22	Material Tick	fairhope 84			480	0.24		\$0.00		
	12/15/22	Material Tick	fairhope 83			720	0.36		\$0.00		
	12/16/22	Material Tick	fh/25579r			300	0.15		\$0.00		
	12/19/22	Material Tick	FAIRHOPE			1,380	0.69		\$0.00		
	12/20/22	Material Tick	COUR 623f			520	0.26		\$0.00		
	12/21/22	Material Tick	FAIRHOPE			520	0.26		\$0.00		
	12/22/22	Material Tick	court house			140	0.07		\$0.00		
	12/23/22	Material Tick	fairhope R0			420	0.21		\$0.00		
	12/23/22	Material Tick	fairhope 84			280	0.14		\$0.00		
	12/26/22	Material Tick	FAIRHOPE			700	0.35		\$0.00		
	12/26/22	Material Tick	FAIRHOPE			1,040	0.52		\$0.00		
	12/26/22	Material Tick	fairhope 84			380	0.19		\$0.00		
	12/27/22	Material Tick	fhope			6,580	3.29		\$0.00		
	12/27/22	Material Tick	FHOPE 64;			380	0.19		\$0.00		
	12/27/22	Material Tick	fhope chou:			560	0.28		\$0.00		
	12/28/22	Material Tick	fhp crths 84			440	0.22		\$0.00		
	12/28/22	Material Tick	fhope chou:			20	0.01		\$0.00		
	12/29/22	Material Tick	fhope chou:			320	0.16		\$0.00		
	12/30/22	Material Tick	FHOPE CA			420	0.21		\$0.00		
	12/30/22	Material Tick	2674			320	0.16		\$0.00		
Totals						202,290	101.15		\$0.00		

705953	FOLEY COURTHOUSE RECY		FOLEY, AL								\$0.00
	SS - SINGLE STREAM										
	04/05/22	Material Tick	FOLEY CH			1,540	0.77		\$0.00		
	04/12/22	Material Tick	foley court f			1,060	0.53		\$0.00		
	04/19/22	Material Tick	foley R022			1,400	0.70		\$0.00		
	04/26/22	Material Tick	foley chous			1,060	0.53		\$0.00		
	05/03/22	Material Tick	foley chous			1,020	0.51		\$0.00		
	05/10/22	Material Tick	foley chous			1,220	0.61		\$0.00		
	05/17/22	Material Tick	foley R019			1,600	0.80		\$0.00		
	05/24/22	Material Tick	foley chous			680	0.34		\$0.00		
	05/31/22	Material Tick	8413 foley r			1,120	0.56		\$0.00		
	06/07/22	Material Tick	FOLEY 832			980	0.49		\$0.00		
	06/14/22	Material Tick	fch/8326			760	0.38		\$0.00		
	06/21/22	Material Tick	foley 6236			1,040	0.52		\$0.00		
	06/28/22	Material Tick	foley chous			1,220	0.61		\$0.00		
	07/05/22	Material Tick	foley 6236			520	0.26		\$0.00		
	07/12/22	Material Tick	FOLEY 647			1,320	0.66		\$0.00		
	07/19/22	Material Tick	FOLEY 842			1,140	0.57		\$0.00		

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
Totals						47,340	23.67		\$0.00		
705957	MACBRIDE RECY		LOXLEY, AL								\$0.00
	SS - SINGLE STREAM										
	04/06/22	Material Tick	macbride 6-		480	0.24			\$0.00		
	04/13/22	Material Tick	MACBRIDE		1,160	0.58			\$0.00		
	04/20/22	Material Tick	mcb/64718		860	0.43			\$0.00		
	04/26/22	Material Tick	macbride 6-		880	0.44			\$0.00		
	04/27/22	Material Tick	08419		760	0.38			\$0.00		
	05/04/22	Material Tick	mcb 8412		700	0.35			\$0.00		
	05/11/22	Material Tick	MACBRIDE		860	0.43			\$0.00		
	05/18/22	Material Tick	64719		760	0.38			\$0.00		
	05/20/22	Material Tick	macbride 8-		800	0.40			\$0.00		
	05/25/22	Material Tick	8328		540	0.27			\$0.00		
	06/01/22	Material Tick	MCB8330		920	0.46			\$0.00		
	06/08/22	Material Tick	macbride 2l		1,060	0.53			\$0.00		
	06/08/22	Material Tick	macbride 2		480	0.24			\$0.00		
	06/15/22	Material Tick	26747		620	0.31			\$0.00		
	06/22/22	Material Tick	mcb 64717		960	0.48			\$0.00		
	06/22/22	Material Tick	mcb 8416		680	0.34			\$0.00		
	06/29/22	Material Tick	macbride 6-		400	0.20			\$0.00		
	07/06/22	Material Tick	macbride r		960	0.48			\$0.00		
	07/13/22	Material Tick	mac8419		1,160	0.58			\$0.00		
	07/16/22	Material Tick	MACBRIDE		1,080	0.54			\$0.00		
	07/20/22	Material Tick	MCB 8419		580	0.29			\$0.00		
	07/27/22	Material Tick	macbride rC		720	0.36			\$0.00		
	08/03/22	Material Tick	macbride 8-		1,140	0.57			\$0.00		
	08/10/22	Material Tick	MCBL/6472		820	0.41			\$0.00		
	08/17/22	Material Tick	mcb 8324		1,120	0.56			\$0.00		
	08/17/22	Material Tick	mcb 6237		1,780	0.89			\$0.00		
	08/24/22	Material Tick	macbride 8-		800	0.40			\$0.00		
	08/31/22	Material Tick	MACBRIDE		1,120	0.56			\$0.00		
	08/31/22	Material Tick	MACBRIDE		980	0.49			\$0.00		
	09/07/22	Material Tick	MCB 6471E		620	0.31			\$0.00		
	09/07/22	Material Tick	MABRIDE6		320	0.16			\$0.00		
	09/14/22	Material Tick	mcb 8330		680	0.34			\$0.00		
	09/21/22	Material Tick	macbride 8-		600	0.30			\$0.00		
	09/21/22	Material Tick	MACBRIDE		800	0.40			\$0.00		
	09/28/22	Material Tick	8325		680	0.34			\$0.00		
	09/28/22	Material Tick	MACBRIDE		620	0.31			\$0.00		
	10/05/22	Material Tick	mcb1/8325		420	0.21			\$0.00		
	10/05/22	Material Tick	macbride 6-		520	0.26			\$0.00		
	10/12/22	Material Tick	MCB 8325		240	0.12			\$0.00		
	10/12/22	Material Tick	MCB 8326		160	0.08			\$0.00		
	10/19/22	Material Tick	macbride 8-		540	0.27			\$0.00		
	10/19/22	Material Tick	macbride 8-		340	0.17			\$0.00		
	10/26/22	Material Tick	MC8419		460	0.23			\$0.00		
	11/02/22	Material Tick	mcb/8326		880	0.44			\$0.00		
	11/02/22	Material Tick	mcb2/8329		480	0.24			\$0.00		
	11/09/22	Material Tick	MCB 6471E		340	0.17			\$0.00		
	11/09/22	Material Tick	mcb 2 832E		320	0.16			\$0.00		
	11/16/22	Material Tick	mcb 64718		1,000	0.50			\$0.00		
	11/16/22	Material Tick	mcb 8324		880	0.44			\$0.00		
	11/23/22	Material Tick	mcb2/8414		560	0.28			\$0.00		
	11/23/22	Material Tick	mcb1/6471i		700	0.35			\$0.00		
	11/30/22	Material Tick	MACBRIDE		1,240	0.62			\$0.00		
	11/30/22	Material Tick	MACBRIDE		760	0.38			\$0.00		
	12/07/22	Material Tick	macbride 2		420	0.21			\$0.00		
	12/07/22	Material Tick	macbride 6-		220	0.11			\$0.00		
	12/14/22	Material Tick	mcb 64718		620	0.31			\$0.00		
	12/15/22	Material Tick	mcb 8325		740	0.37			\$0.00		

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	12/21/22	Material Tick	MACBRIDE			820	0.41		\$0.00		
	12/21/22	Material Tick	MACBRIDE			620	0.31		\$0.00		
	12/28/22	Material Tick	MACBRIDE			700	0.35		\$0.00		
	12/28/22	Material Tick	macbride			1,020	0.51		\$0.00		
	Totals					44,500	22.25		\$0.00		

705958 MAGNOLIA LANDFILL REC SUMMERDALE, AL \$0.00

SS - SINGLE STREAM

04/06/22	Material Tick	mag landfill			1,660	0.83		\$0.00			
04/13/22	Material Tick	landfill			2,200	1.10		\$0.00			
04/20/22	Material Tick	MLF/4679			1,280	0.64		\$0.00			
04/26/22	Material Tick	mag landfill			680	0.34		\$0.00			
05/03/22	Material Tick	mag landfill			520	0.26		\$0.00			
05/10/22	Material Tick	mag landfill			1,340	0.67		\$0.00			
05/17/22	Material Tick	mif 4679			1,240	0.62		\$0.00			
05/24/22	Material Tick	mag landfill			3,920	1.96		\$0.00			
05/30/22	Material Tick	MAGNOLIA			980	0.49		\$0.00			
06/01/22	Material Tick	4679			1,580	0.79		\$0.00			
06/07/22	Material Tick	MAGNOLIA			260	0.13		\$0.00			
06/15/22	Material Tick	MLF 4679			780	0.39		\$0.00			
06/22/22	Material Tick	mif 4679			500	0.25		\$0.00			
06/28/22	Material Tick	MAG LAND			480	0.24		\$0.00			
07/07/22	Material Tick	mag landfill			500	0.25		\$0.00			
07/12/22	Material Tick	magnolia 4			500	0.25		\$0.00			
07/19/22	Material Tick	mif 4679			640	0.32		\$0.00			
07/27/22	Material Tick	mag 4679			1,120	0.56		\$0.00			
08/03/22	Material Tick	mag landfill			680	0.34		\$0.00			
08/10/22	Material Tick	MLF 4679			880	0.44		\$0.00			
08/17/22	Material Tick	mif 4679			420	0.21		\$0.00			
08/24/22	Material Tick	mag landfill			660	0.33		\$0.00			
08/30/22	Material Tick	mif 4679			820	0.41		\$0.00			
09/07/22	Material Tick	MLF 4679			780	0.39		\$0.00			
09/20/22	Material Tick	MAG LAND			660	0.33		\$0.00			
09/27/22	Material Tick	mif 4679			380	0.19		\$0.00			
10/06/22	Material Tick	MAGNOLIA			23,060	11.53		\$0.00			
10/19/22	Material Tick	mag landfill			120	0.06		\$0.00			
10/27/22	Material Tick	mif/4679			560	0.28		\$0.00			
11/16/22	Material Tick	mif 4679			1,160	0.58		\$0.00			
11/23/22	Material Tick	mif 4679			680	0.34		\$0.00			
11/30/22	Material Tick	MAGNOLIA			440	0.22		\$0.00			
12/06/22	Material Tick	MAG LAND			1,380	0.69		\$0.00			
12/13/22	Material Tick	mif 4679			540	0.27		\$0.00			
12/19/22	Material Tick	MAGNOLIA			420	0.21		\$0.00			
12/27/22	Material Tick	MAGNOLIA			400	0.20		\$0.00			
	Totals					54,220	27.11		\$0.00		

705959 ORANGE BEACH COMMUNITY CENTE ORANGE BEACH, AL \$0.00

SS - SINGLE STREAM

04/06/22	Material Tick	ob comm c			1,500	0.75		\$0.00
04/13/22	Material Tick	ob comm c			820	0.41		\$0.00
04/20/22	Material Tick	o beach c			480	0.24		\$0.00
04/27/22	Material Tick	ob comm c			800	0.40		\$0.00
05/04/22	Material Tick	ob comm c			520	0.26		\$0.00
05/11/22	Material Tick	ob comm c			260	0.13		\$0.00
05/18/22	Material Tick	ob beach c			640	0.32		\$0.00
05/25/22	Material Tick	ob comm c			780	0.39		\$0.00
06/01/22	Material Tick	OB COMM			840	0.42		\$0.00
06/08/22	Material Tick	ob comm c			720	0.36		\$0.00
06/15/22	Material Tick	org beach r			320	0.16		\$0.00
06/22/22	Material Tick	ob commur			520	0.26		\$0.00

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	09/15/22	Material Tick	ORANGE E			620	0.31		\$0.00		
	09/22/22	Material Tick	OB WORK!			100	0.05		\$0.00		
	09/26/22	Material Tick	ob 8413			200	0.10		\$0.00		
	09/29/22	Material Tick	ORANGE E			500	0.25		\$0.00		
	10/03/22	Material Tick	obpw/8471			180	0.09		\$0.00		
	10/06/22	Material Tick	obpw/8414			880	0.44		\$0.00		
	10/10/22	Material Tick	obpw/8332			180	0.09		\$0.00		
	10/13/22	Material Tick	ORANGE E			160	0.08		\$0.00		
	10/17/22	Material Tick	obpw/8413			120	0.06		\$0.00		
	10/20/22	Material Tick	ob public w			400	0.20		\$0.00		
	10/24/22	Material Tick	ob public w			160	0.08		\$0.00		
	10/26/22	Material Tick	obcc/26747			320	0.16		\$0.00		
	10/27/22	Material Tick	obpw/8330			200	0.10		\$0.00		
	10/31/22	Material Tick	obpw/8325			400	0.20		\$0.00		
	11/03/22	Material Tick	ORANGE E			180	0.09		\$0.00		
	11/07/22	Material Tick	OBW/8332			160	0.08		\$0.00		
	11/10/22	Material Tick	ob public w			260	0.13		\$0.00		
	11/14/22	Material Tick	obp/25579r			120	0.06		\$0.00		
	11/17/22	Material Tick	ob public w			360	0.18		\$0.00		
	11/21/22	Material Tick	ob public w			340	0.17		\$0.00		
	11/25/22	Material Tick	ORANGE E			840	0.42		\$0.00		
	11/28/22	Material Tick	oba pub wo			800	0.40		\$0.00		
	12/01/22	Material Tick	ORANGE E			220	0.11		\$0.00		
	12/05/22	Material Tick	opw/8419			240	0.12		\$0.00		
	12/08/22	Material Tick	obpw/8471			1,100	0.55		\$0.00		
	12/12/22	Material Tick	ORANGE E			940	0.47		\$0.00		
	12/15/22	Material Tick	ob public B			620	0.31		\$0.00		
	12/19/22	Material Tick	ORANGE E			180	0.09		\$0.00		
	12/22/22	Material Tick	64747			300	0.15		\$0.00		
	12/26/22	Material Tick	ORANGE E			240	0.12		\$0.00		
	12/29/22	Material Tick	OB PUBLIC			300	0.15		\$0.00		
	Totals					36,780	18.39		\$0.00		

705963 ROBERTSDALE HIGH SCHOOL RECY ROBERTSDALE, AL \$0.00

SS - SINGLE STREAM

04/22/22	Material Tick	robertsdale				520	0.26		\$0.00		
06/10/22	Material Tick	ROBERTSI				900	0.45		\$0.00		
06/10/22	Material Tick	ROBERTSI				1,200	0.60		\$0.00		
07/15/22	Material Tick	rshs g236				860	0.43		\$0.00		
07/15/22	Material Tick	rdhs/64715				420	0.21		\$0.00		
11/18/22	Material Tick	RobertHigh				340	0.17		\$0.00		
	Totals					4,240	2.12		\$0.00		

705964 PERDIDO VOLUNTEER FIRE DEPT PERDIDO, AL \$0.00

SS - SINGLE STREAM

04/06/22	Material Tick	8419/ perdi				460	0.23		\$0.00		
04/20/22	Material Tick	PB FIRE/64				740	0.37		\$0.00		
04/27/22	Material Tick	per vol fire				640	0.32		\$0.00		
06/15/22	Material Tick	fire de[83				580	0.29		\$0.00		
12/28/22	Material Tick	6236				1,060	0.53		\$0.00		
	Totals					3,480	1.74		\$0.00		

705965 SPANISH FORT KIDS PARK RECY SPANISH FORT, AL \$0.00

SS - SINGLE STREAM

04/01/22	Material Tick	SP FORT 6				160	0.08		\$0.00		
04/04/22	Material Tick	sf kids 841				1,000	0.50		\$0.00		
04/04/22	Material Tick	sf kids R02				940	0.47		\$0.00		
04/07/22	Material Tick	SPANISH F				1,260	0.63		\$0.00		
04/07/22	Material Tick	SPANISH F				900	0.45		\$0.00		

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	04/08/22	Material Tick	sp fort 832			320	0.16		\$0.00		
	04/11/22	Material Tick	sp fort 841			920	0.46		\$0.00		
	04/11/22	Material Tick	sp fort 8414			1,040	0.52		\$0.00		
	04/14/22	Material Tick	sfort kids p			860	0.43		\$0.00		
	04/14/22	Material Tick	SFORT KD			1,300	0.65		\$0.00		
	04/15/22	Material Tick	sfprt kids p			460	0.23		\$0.00		
	04/18/22	Material Tick	ro20 spanis			800	0.40		\$0.00		
	04/18/22	Material Tick	spanishf83			920	0.46		\$0.00		
	04/21/22	Material Tick	skp8414			1,240	0.62		\$0.00		
	04/21/22	Material Tick	spanish fort			1,040	0.52		\$0.00		
	04/22/22	Material Tick	spanishfort			520	0.26		\$0.00		
	04/25/22	Material Tick	sfort kds pk			1,200	0.60		\$0.00		
	04/25/22	Material Tick	sp fort 8414			840	0.42		\$0.00		
	04/28/22	Material Tick	spanish fort			860	0.43		\$0.00		
	04/28/22	Material Tick	sfort kds pk			1,300	0.65		\$0.00		
	05/02/22	Material Tick	sf kids park			740	0.37		\$0.00		
	05/02/22	Material Tick	sf kids 647			1,020	0.51		\$0.00		
	05/05/22	Material Tick	sfort kds pk			1,440	0.72		\$0.00		
	05/05/22	Material Tick	sfort kds pk			920	0.46		\$0.00		
	05/09/22	Material Tick	sfort kds pk			780	0.39		\$0.00		
	05/09/22	Material Tick	sfort kds pk			720	0.36		\$0.00		
	05/12/22	Material Tick	park r020			700	0.35		\$0.00		
	05/12/22	Material Tick	kids park 8			1,020	0.51		\$0.00		
	05/13/22	Material Tick	spfkids par			120	0.06		\$0.00		
	05/16/22	Material Tick	sp fort 841			1,020	0.51		\$0.00		
	05/16/22	Material Tick	sp fort 8324			920	0.46		\$0.00		
	05/19/22	Material Tick	spanish fort			800	0.40		\$0.00		
	05/19/22	Material Tick	sp kids 841			1,420	0.71		\$0.00		
	05/20/22	Material Tick	sfort kds pk			120	0.06		\$0.00		
	05/23/22	Material Tick	sfort kds pk			1,160	0.58		\$0.00		
	05/23/22	Material Tick	sfort kds pk			940	0.47		\$0.00		
	05/26/22	Material Tick	sfort kds pk			880	0.44		\$0.00		
	05/26/22	Material Tick	sfort kds pk			1,260	0.63		\$0.00		
	05/27/22	Material Tick	spanish832			200	0.10		\$0.00		
	05/30/22	Material Tick	SPANISH F			800	0.40		\$0.00		
	05/30/22	Material Tick	SPANISH F			780	0.39		\$0.00		
	06/02/22	Material Tick	SPANISH F			680	0.34		\$0.00		
	06/02/22	Material Tick	SPANISH F			860	0.43		\$0.00		
	06/06/22	Material Tick	SPANISH F			940	0.47		\$0.00		
	06/06/22	Material Tick	sfort kds pk			1,120	0.56		\$0.00		
	06/09/22	Material Tick	SFORT KD			1,400	0.70		\$0.00		
	06/09/22	Material Tick	sfort kds pk			1,020	0.51		\$0.00		
	06/10/22	Material Tick	SF8331			220	0.11		\$0.00		
	06/13/22	Material Tick	spanish fort			900	0.45		\$0.00		
	06/13/22	Material Tick	sfk/r020			760	0.38		\$0.00		
	06/16/22	Material Tick	spkp r020			29,100	14.55		\$0.00		
	06/16/22	Material Tick	SP FT KID			700	0.35		\$0.00		
	06/17/22	Material Tick	sfkp8421			340	0.17		\$0.00		
	06/20/22	Material Tick	sf kids R02			1,260	0.63		\$0.00		
	06/20/22	Material Tick	sf kids 832			880	0.44		\$0.00		
	06/23/22	Material Tick	sfkp/r020			900	0.45		\$0.00		
	06/23/22	Material Tick	sfkp/84720			1,040	0.52		\$0.00		
	06/24/22	Material Tick	spanishfort			200	0.10		\$0.00		
	06/27/22	Material Tick	kids park r0			720	0.36		\$0.00		
	06/27/22	Material Tick	kida park 1			800	0.40		\$0.00		
	06/30/22	Material Tick	SPANISH F			940	0.47		\$0.00		
	06/30/22	Material Tick	SPANISH F			1,060	0.53		\$0.00		
	07/04/22	Material Tick	SPANISH F			1,000	0.50		\$0.00		
	07/04/22	Material Tick	SPANISH 2			540	0.27		\$0.00		
	07/07/22	Material Tick	kids 26747r			1,540	0.77		\$0.00		
	07/07/22	Material Tick	kids p r022			1,200	0.60		\$0.00		

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	07/08/22	Material Tick	sfort kids pl			460	0.23		\$0.00		
	07/11/22	Material Tick	SPANISH F			740	0.37		\$0.00		
	07/11/22	Material Tick	SPANISH F			1,080	0.54		\$0.00		
	07/14/22	Material Tick	sfort kds pk			980	0.49		\$0.00		
	07/14/22	Material Tick	sfort kds pk			1,200	0.60		\$0.00		
	07/15/22	Material Tick	64720/sf			420	0.21		\$0.00		
	07/18/22	Material Tick	sf kids 8328			1,160	0.58		\$0.00		
	07/18/22	Material Tick	sf kids R021			1,040	0.52		\$0.00		
	07/21/22	Material Tick	sf kids R021			740	0.37		\$0.00		
	07/21/22	Material Tick	sf kids 2557			1,100	0.55		\$0.00		
	07/22/22	Material Tick	SP FORT 2			340	0.17		\$0.00		
	07/25/22	Material Tick	kids park g2			920	0.46		\$0.00		
	07/25/22	Material Tick	kids park r0			920	0.46		\$0.00		
	07/28/22	Material Tick	Sfkr020			880	0.44		\$0.00		
	07/28/22	Material Tick	sfks8417			1,040	0.52		\$0.00		
	07/29/22	Material Tick	sfort kds pk			180	0.09		\$0.00		
	08/01/22	Material Tick	spanish fort			900	0.45		\$0.00		
	08/01/22	Material Tick	SPANISH F			900	0.45		\$0.00		
	08/04/22	Material Tick	sfort kds pk			980	0.49		\$0.00		
	08/04/22	Material Tick	sfort kds pk			960	0.48		\$0.00		
	08/05/22	Material Tick	sfort kds pk			280	0.14		\$0.00		
	08/08/22	Material Tick	SPANISH F			960	0.48		\$0.00		
	08/08/22	Material Tick	SPANISH F			1,060	0.53		\$0.00		
	08/11/22	Material Tick	sf kids R011			1,480	0.74		\$0.00		
	08/11/22	Material Tick	sf kids 8417			1,080	0.54		\$0.00		
	08/15/22	Material Tick	SPFT KIDS			1,040	0.52		\$0.00		
	08/16/22	Material Tick	SPANISH F			1,300	0.65		\$0.00		
	08/18/22	Material Tick	SPANISH F			1,400	0.70		\$0.00		
	08/18/22	Material Tick	SPANISH F			1,160	0.58		\$0.00		
	08/19/22	Material Tick	sp for 8414			100	0.05		\$0.00		
	08/22/22	Material Tick	SPFTR022			600	0.30		\$0.00		
	08/22/22	Material Tick	SP FORT F			900	0.45		\$0.00		
	08/25/22	Material Tick	sfort kds pk			1,420	0.71		\$0.00		
	08/25/22	Material Tick	sfort kds pk			1,880	0.94		\$0.00		
	08/26/22	Material Tick	spft kids pa.			60	0.03		\$0.00		
	08/29/22	Material Tick	SF KIDS r0			1,340	0.67		\$0.00		
	08/29/22	Material Tick	SF KIDS 64			1,120	0.56		\$0.00		
	09/01/22	Material Tick	SFORT KD			1,480	0.74		\$0.00		
	09/01/22	Material Tick	sfort kids pl			1,140	0.57		\$0.00		
	09/02/22	Material Tick	sfort kds pk			120	0.06		\$0.00		
	09/05/22	Material Tick	R019			920	0.46		\$0.00		
	09/05/22	Material Tick	8418			1,060	0.53		\$0.00		
	09/08/22	Material Tick	KIDS R019			1,260	0.63		\$0.00		
	09/08/22	Material Tick	8417			940	0.47		\$0.00		
	09/09/22	Material Tick	sfort kds pk			340	0.17		\$0.00		
	09/12/22	Material Tick	SPANISH F			660	0.33		\$0.00		
	09/12/22	Material Tick	SPANISH F			1,020	0.51		\$0.00		
	09/15/22	Material Tick	SPANISH F			1,400	0.70		\$0.00		
	09/15/22	Material Tick	SPANISH F			1,100	0.55		\$0.00		
	09/16/22	Material Tick	spftkpark 84			180	0.09		\$0.00		
	09/19/22	Material Tick	SPANISH F			1,080	0.54		\$0.00		
	09/19/22	Material Tick	SPANISH F			1,100	0.55		\$0.00		
	09/22/22	Material Tick	SFORT KD			1,080	0.54		\$0.00		
	09/22/22	Material Tick	kids r019			1,140	0.57		\$0.00		
	09/23/22	Material Tick	255579R			480	0.24		\$0.00		
	09/26/22	Material Tick	spkp/r019			820	0.41		\$0.00		
	09/26/22	Material Tick	SFKP/8421			980	0.49		\$0.00		
	09/29/22	Material Tick	SPANISH F			1,020	0.51		\$0.00		
	09/29/22	Material Tick	SF KIDS 64			1,260	0.63		\$0.00		
	09/30/22	Material Tick	sfk/64716			220	0.11		\$0.00		
	10/03/22	Material Tick	sfkp/8331			1,060	0.53		\$0.00		

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	10/03/22	Material Tick	skp/rz19			820	0.41		\$0.00		
	10/06/22	Material Tick	sfpk/r019			300	0.15		\$0.00		
	10/06/22	Material Tick	sfpk/64720			900	0.45		\$0.00		
	10/07/22	Material Tick	sfort kds pk			80	0.04		\$0.00		
	10/10/22	Material Tick	skp/6237			840	0.42		\$0.00		
	10/10/22	Material Tick	ro19			820	0.41		\$0.00		
	10/13/22	Material Tick	SPANISH F			1,200	0.60		\$0.00		
	10/13/22	Material Tick	SPANISH F			1,260	0.63		\$0.00		
	10/14/22	Material Tick	sp fort 6237			40	0.02		\$0.00		
	10/17/22	Material Tick	sfpk/6236			880	0.44		\$0.00		
	10/17/22	Material Tick	skp/8418			760	0.38		\$0.00		
	10/20/22	Material Tick	SPFT6236			1,840	0.92		\$0.00		
	10/20/22	Material Tick	SFORT KD			1,140	0.57		\$0.00		
	10/21/22	Material Tick	sf kids 8417			440	0.22		\$0.00		
	10/24/22	Material Tick	sfort kds pk			880	0.44		\$0.00		
	10/24/22	Material Tick	sfort kds pk			960	0.48		\$0.00		
	10/27/22	Material Tick	sfpk/8328			1,140	0.57		\$0.00		
	10/27/22	Material Tick	sfpk/6236			1,000	0.50		\$0.00		
	10/28/22	Material Tick	SFORT KD			100	0.05		\$0.00		
	10/31/22	Material Tick	SFKP/6236			880	0.44		\$0.00		
	10/31/22	Material Tick	SFKP/8417			1,540	0.77		\$0.00		
	11/03/22	Material Tick	SPANISH C			1,340	0.67		\$0.00		
	11/03/22	Material Tick	SPANISH F			1,220	0.61		\$0.00		
	11/04/22	Material Tick	spanishf647			10,520	5.26		\$0.00		
	11/07/22	Material Tick	6236			920	0.46		\$0.00		
	11/07/22	Material Tick	sp fort 8412			10,000	5.00		\$0.00		
	11/10/22	Material Tick	sfpk/6236			1,290	0.65		\$0.00		
	11/10/22	Material Tick	sfort kds pk			1,660	0.83		\$0.00		
	11/11/22	Material Tick	SFORT KD			200	0.10		\$0.00		
	11/14/22	Material Tick	sfpk/6236			720	0.36		\$0.00		
	11/14/22	Material Tick	SFKP/6471			820	0.41		\$0.00		
	11/17/22	Material Tick	sf kids 8427			1,640	0.82		\$0.00		
	11/17/22	Material Tick	sf kids 6236			1,320	0.66		\$0.00		
	11/18/22	Material Tick	sfpk/64720			400	0.20		\$0.00		
	11/21/22	Material Tick	sfort kds pk			840	0.42		\$0.00		
	11/21/22	Material Tick	SFORT KD			1,000	0.50		\$0.00		
	11/25/22	Material Tick	SPANISH F			1,580	0.79		\$0.00		
	11/25/22	Material Tick	SPANISH F			1,400	0.70		\$0.00		
	11/28/22	Material Tick	SP FT KID6			680	0.34		\$0.00		
	11/28/22	Material Tick	SP FT KID6			840	0.42		\$0.00		
	12/01/22	Material Tick	SPANISH F			920	0.46		\$0.00		
	12/01/22	Material Tick	SPANISH F			980	0.49		\$0.00		
	12/02/22	Material Tick	8412			300	0.15		\$0.00		
	12/05/22	Material Tick	sfpk/6436			1,020	0.51		\$0.00		
	12/05/22	Material Tick	sfpk/8324			1,400	0.70		\$0.00		
	12/08/22	Material Tick	sfpk/8418			1,440	0.72		\$0.00		
	12/08/22	Material Tick	sfpk/6236			1,160	0.58		\$0.00		
	12/12/22	Material Tick	SPANISH F			1,100	0.55		\$0.00		
	12/12/22	Material Tick	SPANISH F			1,060	0.53		\$0.00		
	12/15/22	Material Tick	sp 8328			1,360	0.68		\$0.00		
	12/15/22	Material Tick	sf kids 6236			960	0.48		\$0.00		
	12/16/22	Material Tick	SF 6236			300	0.15		\$0.00		
	12/19/22	Material Tick	SPANISH F			1,000	0.50		\$0.00		
	12/19/22	Material Tick	SPANISH F			1,000	0.50		\$0.00		
	12/22/22	Material Tick	6237			980	0.49		\$0.00		
	12/22/22	Material Tick	kids			280	0.14		\$0.00		
	12/22/22	Material Tick	8420			1,220	0.61		\$0.00		
	12/23/22	Material Tick	sf kids 8418			620	0.31		\$0.00		
	12/26/22	Material Tick	SPANISH F			720	0.36		\$0.00		
	12/26/22	Material Tick	EXTRA CAI			600	0.30		\$0.00		
	12/26/22	Material Tick	SPANISH F			600	0.30		\$0.00		

Acct#	Date	Ticket	Ref	Bales	Qty	Weight	Tons	\$/per	Item Total	LocTotal	Acct Total
	12/28/22	Material Tick				800	0.40		\$0.00		
	12/29/22	Material Tick	sfort kds pk			700	0.35		\$0.00		
	12/29/22	Material Tick	SFORT KD			780	0.39		\$0.00		
	12/30/22	Material Tick	6237			220	0.11		\$0.00		
	12/30/22	Material Tick	cardboard c			500	0.25		\$0.00		
	12/30/22	Material Tick	sfort kds pk			280	0.14		\$0.00		
	Totals					220,250	110.13		\$0.00		

705966	SILVERHILL LIT HALL RECY		SILVERHILL, AL							\$0.00	
SS - SINGLE STREAM											
04/04/22	Material Tick	silverhill 83:			720	0.36			\$0.00		
04/07/22	Material Tick	SILVERHIL			460	0.23			\$0.00		
04/11/22	Material Tick	SILVER647			580	0.29			\$0.00		
04/14/22	Material Tick	SHILL 2674			380	0.19			\$0.00		
04/18/22	Material Tick	silverhill647			660	0.33			\$0.00		
04/21/22	Material Tick	silverhill842			720	0.36			\$0.00		
04/25/22	Material Tick	shill 8412			480	0.24			\$0.00		
04/28/22	Material Tick	shill 6236			420	0.21			\$0.00		
05/02/22	Material Tick	silverhill 83:			560	0.28			\$0.00		
05/05/22	Material Tick	shill 8416			660	0.33			\$0.00		
05/09/22	Material Tick	shill 8421			600	0.30			\$0.00		
05/12/22	Material Tick	sillverhill r0:			460	0.23			\$0.00		
05/16/22	Material Tick	silverhill 84			1,120	0.56			\$0.00		
05/19/22	Material Tick	shill 64716			520	0.26			\$0.00		
05/23/22	Material Tick	shill 26747			540	0.27			\$0.00		
05/26/22	Material Tick	shill 64715			520	0.26			\$0.00		
05/30/22	Material Tick	silverhill 84			540	0.27			\$0.00		
06/02/22	Material Tick	SILVERHIL			580	0.29			\$0.00		
06/06/22	Material Tick	shill 8420			820	0.41			\$0.00		
06/09/22	Material Tick	silverhill 64			360	0.18			\$0.00		
06/13/22	Material Tick	sh/8419			500	0.25			\$0.00		
06/16/22	Material Tick	8330 sh			560	0.28			\$0.00		
06/20/22	Material Tick	shill 8419			640	0.32			\$0.00		
06/23/22	Material Tick	8329/sh			700	0.35			\$0.00		
06/27/22	Material Tick	hall 64715			520	0.26			\$0.00		
06/30/22	Material Tick	SILVERHIL			200	0.10			\$0.00		
07/04/22	Material Tick	SILVERHIL			800	0.40			\$0.00		
07/07/22	Material Tick	8329			780	0.39			\$0.00		
07/11/22	Material Tick	silverhill 84			640	0.32			\$0.00		
07/14/22	Material Tick	shill 8331			500	0.25			\$0.00		
07/18/22	Material Tick	shilverhill 6:			920	0.46			\$0.00		
07/21/22	Material Tick	silverhill R0			580	0.29			\$0.00		
07/25/22	Material Tick	8412			600	0.30			\$0.00		
07/28/22	Material Tick	silverhill623			500	0.25			\$0.00		
08/01/22	Material Tick	SILVERHIL			1,180	0.59			\$0.00		
08/04/22	Material Tick	shill 8419			340	0.17			\$0.00		
08/08/22	Material Tick	SILVERHIL			880	0.44			\$0.00		
08/11/22	Material Tick	8331			1,060	0.53			\$0.00		
08/15/22	Material Tick	SHILL 8330			700	0.35			\$0.00		
08/18/22	Material Tick	SILVERHIL			480	0.24			\$0.00		
08/22/22	Material Tick	SILVERHIL			700	0.35			\$0.00		
08/25/22	Material Tick	shill r022			460	0.23			\$0.00		
08/29/22	Material Tick	SHILL 8330			1,180	0.59			\$0.00		
09/01/22	Material Tick	silverhill 64			1,140	0.57			\$0.00		
09/05/22	Material Tick	8412			400	0.20			\$0.00		
09/08/22	Material Tick	silverhill833			720	0.36			\$0.00		
09/12/22	Material Tick	SILVERHIL			700	0.35			\$0.00		
09/15/22	Material Tick	SIVERHILL			500	0.25			\$0.00		
09/19/22	Material Tick	SILVERHIL			11,780	5.89			\$0.00		
09/22/22	Material Tick	8329			520	0.26			\$0.00		
09/26/22	Material Tick	sh/6237			620	0.31			\$0.00		

The Onlooker

Foley girls' basketball headed to first final four

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MARCH 1, 2023 GULFCOASTMEDIA.COM 75¢



PHOTO PROVIDED

Wolf Bay giving away 50 gift cards for 50 years in Baldwin Co.

BY MELANIE LECROY
Lifestyle Editor
melanie@gulfcostmedia.com

The Wolf Bay Restaurant family wants to party like it's 1973 with the community that has supported them for 50 years.

That year, Charlie and Sandra Wraps purchased a bait shop overlooking Wolf Bay in Elberta and turned it into a full-service seafood restaurant. The original location was destroyed by fire in 2008, but the local seafood tradition continues at the Foley and Orange Beach locations.

"Please accept my heartfelt thanks for supporting Wolf Bay for so many years," Wolf Bay owner Char Haber

South Baldwin cities seeking grant for county recycling center

BY GUY BUSBY
Government Editor
guy@gulfcostmedia.com

GULF SHORES — A state grant being considered for Gulf Shores, Orange Beach and Foley could help build a new recycling center for all of Baldwin County, Gulf Shores officials said.

The three cities are being asked to request a grant through the Alabama Department of Environmental Management for \$350,000. The grant would be used to buy equipment for a new Baldwin County Materials Recovery Facility, said Dan Bond, Gulf Shores environmental-grants coordinator.

"Since 2014, we've worked to improve

recycling opportunities for all of our residents and visitors through the establishment of the city's recycling center, our Leave Only Footprints program, working with our city schools as well as education and outreach," Bond said. "Since 2021, Baldwin County Solid Waste has begun the process of designing a new state-of-the-art Materials Recovery Facility or MRF for short, to be located at the Magnolia Landfill that will serve the recycling needs of the entire county. This new facility will greatly improve recycling efforts for the entire county by providing a reliable processing facility for recyclable materials."

Bond said the 50,000-square-foot facility

is expected to cost about \$15 million. The center will also include 12,000 square feet of office space with a public outreach and education center.

"It's going to be nice, new addition to the county," Bond said.

The facility is intended to provide recycling services for the entire county, including the 14 municipalities.

Recycling materials trucks will be able to bring materials directly to the MRF, Bond said.

"This will greatly reduce the amount of material that has to be processed at our city recycling center, so it's going to improve our efficiency quite dramatically."

SEE RECYCLING, PAGE A3

Bagel Boy opens dine-in eating for 'dope food fast' downtown



THE ONLY...
Am is the first stop on the
Delta McKenzie Archery
Shooters Association (ASA)

ca, Australia, Italy, and
Japan."
But being first on the

that."
The growing exposure of
the city to audiences

just what adventures await
here in Foley."

RECYCLING

FROM PAGE A1

"We will also have opportunities for events and things like that where our recycling center will be used to process that material," Bond said. "Really the main bulk of impact is on the waste haulers. They'll be able to bring their trucks to this new facility and our facility is kind of small for this kind of operation. It gets overwhelmed at times, especially in the

summer. So, this will be a big help to us."

He said Baldwin County Solid Waste will manage the project. The county will process all of the purchases and invoicing and provide all the necessary documents for the grant and the cities receive the funding. Bond said no city money will be used for the project.

Councilman Steve Jones said the new facility will be a benefit to the county, particularly at a time when a new aluminum rolling mill and recycling center is being built in

Bay Minette.

"This is exciting because this is going to be a real benefit to Novells with the aluminum we're going to be sending up there," Jones said. "Probably 80% of the aluminum is going to come from our beaches so it's really exciting that the location of this is going to really implement a great advantage for them. So, that's a great way for us to help that project move along. It's big to have that in Baldwin County. I'm really excited about the future, especially for Bay Minette."



PHOTOS PROVIDED



ORDINANCE NO. 002-2023

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF ROBERTSDALE, ALABAMA, AS FOLLOWS:

WHEREAS, the City Council of the City of Robertsdale, Alabama has received a petition of annexation from Hamm Enterprises LTD, for the property located south of Fairground Road, east of County Road 71 and west of Adams Drive, as a R-1 zone, and

WHEREAS, the Planning Commission of the City of Robertsdale has reviewed the proposed annexation of said petition and has recommended the Council proceed with the annexation, and

WHEREAS, the property being considered for annexation is contiguous with the current city limits, and

WHEREAS, the following is a legal description of the property:

EAST SIDE

Commencing at the SW CORNER OF SECTION 8 T-6-S R-4-E BALDWIN COUNTY, AL; thence N00°24'09"E, a distance of 1,332.15 feet; thence N89°59'33"E, a distance of 83.13 feet to a SET 5/8" CAPPED REBAR on the East R-O-W of County Road 71; thence continue Easterly along said bearing and leaving said R-O-W, a distance of 1,965.05 feet to a POINT in the centerline of an open ditch to the POINT OF BEGINNING; thence Northwesterly along said centerline along the following courses: thence N41°08'01"W, a distance of 135.94 feet; thence N18°43'54"W, a distance of 103.77 feet; thence N03°01'59"E, a distance of 446.82 feet; thence N89°18'08"W, a distance of 532.05 feet; thence N29°04'23"W, a distance of 57.67 feet; thence N00°42'43"W, a distance of 587.53 feet to a POINT on the South R-O-W of Fairground Road; thence N89°50'11"E, along said R-O-W a distance of 1,238.57 feet to a 5/8" CAPPED REBAR "26623"; thence S88°52'06"E, along said R-O-W a distance of 23.72 feet to a 5/8" CAPPED REBAR "26623" on the West R-O-W of Adams Drive; thence S00°21'55"W, along said R-O-W a distance of 1,276.24 feet to a SET 5/8" CAPPED REBAR; thence S89°59'33"W, leaving said R-O-W a distance of 578.87 feet to the POINT OF BEGINNING, said parcel containing 28.55 acres, more or less.

WEST SIDE OF DITCH

Commencing at the SW CORNER OF SECTION 8 T-6-S R-4-E BALDWIN COUNTY, AL; thence N00°24'09"E, a distance of 1,332.15 feet; thence N89°59'33"E, a distance of 83.13 feet to a SET 5/8" CAPPED REBAR on the East R-O-W of County Road 71 to the POINT OF BEGINNING; thence continue Easterly along said bearing and leaving said R-O-W, a distance of 1,965.05 feet to a POINT at the intersection with a large open ditch; thence Northwesterly along the center of said ditch along the following courses: thence N41°08'01"W, a distance of 135.94 feet; thence N18°43'54"W, a distance of 103.77 feet; thence N03°01'59"E, a distance of 446.82 feet; thence N89°18'08"W, a distance of 532.05 feet; thence N29°04'23"W, a distance of 57.67 feet; thence N00°42'43"W, a distance of 587.53 feet to a POINT at the intersection with the South R-O-W of Fairground Road; thence S89°50'11"E, along said R-O-W a distance of 674.83 feet to a 5/8" REBAR on said South R-O-W of Fairground Road; thence S02°35'22"E, leaving said R-O-W a distance of 579.89 feet to a SET 5/8" CAPPED REBAR; thence S89°48'43"W, a distance of 374.99 feet to a SET 5/8" CAPPED REBAR; thence N02°34'45"W, a distance of 20.00 feet to a SET 5/8" CAPPED REBAR; thence S89°59'33"W, leaving said R-O-W a distance of 578.87 feet to the POINT OF BEGINNING, said parcel containing 28.55 acres, more or less.

COUNTY OF BALDWIN:

STATE OF ALABAMA:

ORDINANCE NO. 001-2023

FOR THE VACATION OF A PORTION OF AN UNOPENED RIGHT-OF-WAY THAT BISECTS THE PROPERTY OF BROWN DUCK ENTERPRISES LLC LOCATED IN CAMPBELL COMMERCIAL PARK, LOTS 5 & 6 ON PET DRIVE

RECITALS:

1. In accordance with Ala. Code 1975, §23-4-2(a) the Robertsdale City Council has authorized a public hearing to be conducted to receive public comments and input regarding the vacation of an unopened right-of-way that bisects the property of Brown Duck Enterprises LLC located in Campbell Commercial Park, between lots 5 & 6 on Pet Drive described as follows:

THE FIFTEEN FOOT (15') WIDE EASEMENT WHICH LIES 7.5 FEET IN WIDTH ON EITHER SIDE OF THE COMMON LOT LINE BETWEEN LOTS 5 AND 6 OF CAMPBELL COMMERCIAL SUBDIVISION AS SHOWN ON THE RECORDED PLAT OF SAID SUBDIVISION RECORDED ON SLIDE 1993-A AND SLIDE 1993-B.
2. Whereas, a Notice of Public Hearing has been published in a newspaper of general circulation and posted in the County Courthouse and notices have been sent to all abutting property owners as well as to all entities known to have facilities or equipment such as utility lines, both aerial or buried, within the said public right-of-way described above all pursuant to Ala. Code 1975, §23-4-2(a)
3. The right-of-way described in Paragraph 1 of this Ordinance is located within Corporate Limits of the City of Robertsdale.
4. Pursuant to Ala. Code 1975, §23-4-2(b), the City of Robertsdale desires to vacate an unopened right-of-way that bisects the property of Brown Duck Enterprises LLC located on Pet Drive described in Paragraph 1 of this Ordinance, and pursuant to applicable law, destroy the force and effect of the dedication of said right-of-way, and to divest all public rights, including any and all rights which may have been acquired by prescription unopened right-of-way that bisects the property of Brown Duck Enterprises LLC located on Pet Drive described in Paragraph 1 of this Ordinance.
5. It is in the interest of the public that the unopened right-of-way bisecting the property of Brown Duck Enterprises LLC located on Pet Drive as described in Paragraph 1 of this Ordinance be closed and vacated.
6. The vacation of the unopened right-of-way bisecting the property of Brown Duck Enterprises LLC located on Pet Drive as described in Paragraph 1 of this Ordinance

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Baldwin County plans recycling facility by end of 2023



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PHOTO PROVIDED

Posted Thursday, August 18, 2022 1:44 pm

By **GUY BUSBY**
Government Editor
guy@gulfcoastmedia.com

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(/)thousands of tons of waste from landfills and relieving local agencies from having to haul materials out of state.

The county is developing plans for the 60,000-square-foot facility to be built at the Magnolia Landfill in Magnolia Springs, Terri Graham, county solid waste director, said Tuesday, Aug. 16. She said the facility will include automated sorting and should allow the county to expand recycling programs.

"We're trying to recover as many materials as possible," Graham said. "There are several municipalities that already do a curbside program. We would like to expand that to all areas of the county, making sure we incorporate recycling in all the schools and businesses as much as possible. Wherever we can get recycling started, that's where we're going to go."

The county began design work on the facility earlier this year. Graham said officials hope to go out for bid by the end of 2022 and begin construction in early 2023.

"This facility should be up and running by the end of 2023," Graham said. "That is our goal. And we would like to have at least 10,000 tons of recyclable material moved through the facility. We should be able to go up to 40,000 tons of recyclable material without having to add on to that facility. So, we have a lot of room to grow. We'd have to add additional shifts and things like that, but no new equipment."

She said county officials are working to make recycling more attractive for residents and businesses.

"To have a circular economy, to have an integrated solid waste system, recycling is a key component," Graham said. "We offer the drop-off locations, but we've got to

make it more of a priority and make it more readily available to the citizens so it's not so cumbersome for them to want to recycle and want to have a more

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(/) Baldwin County in recent years. Some centers that take material have closed and COVID-19 slowed collections in some areas.

She said plans for an aluminum plant in Bay Minette announced earlier this year should increase the demand for scrap aluminum, one of the materials recycled by Baldwin County and local municipal programs. Novelis announced plans in May to build the aluminum and rolling mill.

"We were on this journey before Novelis," Graham said. "Now, we've even stepped up the efforts even more because they want all the aluminum that they can get their hands on."

She said finding facilities that will recycle plastic is more difficult, but the market for cardboard is good.

"Cardboard, there's definitely a market for that and we're stepping up operations to pick up cardboard and kind of get that out of the waste stream too," Graham said. "We've purchased two different load trucks and front load boxes so we can deploy those throughout Baldwin County, just for cardboard specifically starting in October."

The county does not recycle glass. Even with the new facility, Graham said officials do not plan to add that service.

"Glass is not an option. It's not on the table. It's very hard to move glass safely and there is no market for glass. They used to have a plant in Atlanta, and they shut that down. The last I heard, the closest place was in Indiana," Graham said.

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Gulf Shores, Orange Beach and Foley seeking ADEM grant for county recycling center

Gulf Shores lead on ADEM grant for county recycling center

John Mullen · Feb 28, 2023

City partnering with Orange Beach, Foley and county on application



Gulf Shores Ala – (OBA) – Three South Baldwin cities are partnering in an effort to get an Alabama Department of Environmental Management grant for \$350,000 to buy equipment for the new Baldwin County Material Recovery Facility.

"Since 2021 Baldwin County Solid Waste has begun the process of designing a new state-of-the-art material recovery facility to be located at the Magnolia Landfill that will serve the recycling needs of the entire county," Gulf Shores Environmental and Grants Coordinator Dan Bond told the council during a recent meeting. "This new facility will greatly improve recycling efforts for the entire county by providing a reliable processing facility for recyclable materials. The total cost is estimated at \$15 million."

The council voted to move forward with the application at the regular council meeting on Feb. 27. Because Gulf Shores has been involved in a robust recycling program it was made the lead agency in the application.

"Since 2014, the city has worked to improve recycling opportunities for residents and visitors through the establishment of the city Recycling Center, the Leave Only Footprints Program and working with our city schools through education and outreach," Bond said. "The city has also worked to support regional recycling programs by partnering with Orange Beach and Baldwin County to increase recycling efforts."

The county will run the program and do all the paperwork but the funds will come through Gulf Shores first.

"Baldwin County Solid Waste will manage the project," Bond said. "They are going to process all the purchasing and invoicing and provide all the necessary documents for the grant. If we are awarded the grant the city will serve as a pass-through entity for the grant reimbursement. No city financing will be used for this project."

Gulf Shores' recycling program is bursting at the seams and with Baldwin County Waste taking on recycling Bond said it will alleviate some of the workload there.

"The facility is intended to serve the needs of the whole county including the 14 municipalities and the cities' waste service providers will be able to bring materials directly to the MRF which will greatly reduce the amount of material that have to be processed at our city recycling center," Bond said. "It's going to improve our efficiency quite dramatically."

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(https://beta.creativecirclecdn.com/gulfcoast/original/20230228-160538-Recycling_stock.jpg)

PHOTO PROVIDED

Posted Tuesday, February 28, 2023 4:06 pm

By **GUY BUSBY**

Government Editor

guy@gulfcoastmedia.com

GULF SHORES — A state grant being considered for Gulf Shores, Orange Beach and Foley could help build a new recycling center for all of Baldwin County, Gulf Shores officials said.

The three cities are being asked to request a grant through the Alabama Department of Environmental Management for \$350,000. The grant would be used to buy equipment for a new Baldwin County Materials Recovery Facility, said Dan Bond, Gulf Shores environmental-grants coordinator.

"Since 2014, we've worked to improve recycling opportunities for all of our residents and visitors through the establishment of the city's recycling center, our Leave Only Footprints program, working with our city schools as well as education and outreach," Bond said.

"Since 2021, Baldwin County Solid Waste has begun the process of designing a new state-of-the-art Materials Recovery Facility or MRF for short, to be located at the Magnolia Landfill that will serve the recycling needs of

the entire county. This new facility will greatly improve recycling efforts for the entire county by providing a reliable processing facility for recyclable materials."

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(/12,000 square feet of office space with a public outreach and education center.

"It's going to be nice, new addition to the county," Bond said.



(https://gulfcoastbanners.creativecirclemedia.com/www/delivery/ck.php?oaparams=2_bannerid=370_zoneid=8_cb=67cfd5400__oadest=http%3A%2F%2Fwww.terry-thompson.com%2F)

The facility is intended to provide recycling services for the entire county, including the 14 municipalities.

Recycling materials trucks will be able to bring materials directly to the MRF, Bond said.

"This will greatly reduce the amount of material that has to be processed at our city recycling center, so it's going to improve our efficiency quite dramatically," he said.

Bond said Gulf Shores will maintain the city drop-off locations for recyclables and the municipal recycling center.

"We will also have opportunities for events and things like that where our recycling center will be used to process that material," Bond said. "Really the main bulk of impact is on the waste haulers. They'll be able to bring their trucks to this new facility and our facility is kind of

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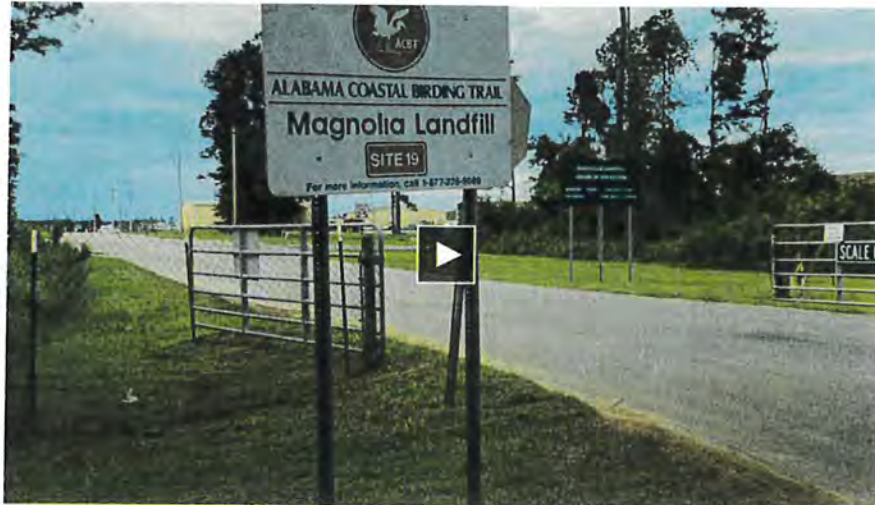
(/)invoicing and provide all the necessary documents for the grant and the cities receive the funding. Bond said no city money will be used for the project.

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"This is exciting because this is going to be a real benefit to Novelis with the aluminum we're going to be sending up there," Jones said. "Probably 80% of the aluminum is going to come from our beaches so it's really exciting that the location of this is going to really implement a great advantage for them. So, that's a great way for us to help that project move along. It's big to have that in Baldwin County. I'm really excited about the future, especially for Bay Minette."

Baldwin County building multi-million-dollar recycling facility amid growth

by Cary Pippin | Mon, August 22nd 2022, 9:35 PM CDT



Baldwin County building multi-million-dollar recycling facility amid growth (WPMI)



BALDWIN COUNTY, Ala. (WPMI) — Rapid growth in Baldwin County continues to put a strain on the area's resources, and the county's landfills are no exception.

A new multi-million dollar recycling facility is on the way as county officials seek to ease their landfill burden and help its own municipalities.

"We want it to be more readily available, and for people to understand the importance of recycling to make a sustainable future," said Terri Graham, Baldwin County's Solid Waste Director.

Graham said the plan is to build the 60,000 square foot automated sorting facility at the Magnolia Landfill, which will create 30 to 40 jobs.



To do that, Graham said the county approved the use of around \$6 million in American Rescue Plan Act funds.

"We have the potential to process up to 40,000 tons of recyclable material through the plant each year. That would more than accommodate everything that both the county and all its municipalities are doing right now," Graham said.

The facility could cut costs for local cities, which are operating recycling efforts at a loss due to the need to ship materials to processors in Florida.

Recycled aluminum could go to the \$2.5 billion Novelis plant in Bay Minette once it's built in 2025.

"It will be employing up to 1,000 people and creating a large economic impact. So, now we will be able to see the fruits of our recycling here at home and see it as an added benefit to our community," said Lee Lawson, President/CEO for the Baldwin County Economic Development Alliance.

Graham said the important part is getting Baldwin County residents on board.

"The more material we get, the more costs go down. There are operating costs. So, we're going to need people to buy in to the program. We're going to need them to be excited about recycling," Graham said.

While many municipalities have curbside recycling available, county residents do not.

Graham said the goal is to add curbside pickup after the facility is built, which is expected to happen by the end of 2023.

Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1bi	5.2.2.2	Committees, Watershed Organizations & Groups	During the permit cycle the County EAC hold 8 meetings a year	ALL	P&Z
Total	Date	Meeting	Topics		
1	4/5/2022	EAC Meeting	EAC Goals/ New Members		
2	5/3/2022	EAC Meeting	Meeting Agendas and Speakers		
3	6/7/2022	EAC Meeting	ACES Ryan Mitchell Use of Drones to Evaluate Farm Crop Production		
4	7/5/2022	EAC Meeting	BC PD 26 Wetland Evaluation Presentation		
5	8/2/2022	EAC Meeting	How is my Waterways? Presentation		
6	9/6/2022	EAC Meeting	Riviera Utilities PFO/PFA Presentation		
7	10/4/2022	EAC Meeting	Farmland Protection/EAC Awards		
8	11/1/2022	EAC Meeting	EAC Updates		
9	1/3/2023	EAC Meeting	ECUA Tour Date & Updates		
10	2/7/2023	EAC Meeting	EAC Awards		
11	3/7/2023	EAC Meeting	ECUA Presentation/Wetland Template Ordinance		
12	4/21/2022	EAC Farmland Protection Sub-Committee	Farm and Rural Land Protection in Baldwin County		
13	5/19/2022	EAC Farmland Protection Sub-Committee	Farm and Rural Land Protection in Baldwin County		
14	6/23/2022	EAC Farmland Protection Sub-Committee	Farm and Rural Land Protection in Baldwin County		
15	7/21/2022	EAC Farmland Protection Sub-Committee	Farm and Rural Land Protection in Baldwin County		
16	8/18/2022	EAC Farmland Protection Sub-Committee	Farm and Rural Land Protection in Baldwin County		
17	9/13/2022	EAC Farmland Protection Sub-Committee	Farm and Rural Land Protection in Baldwin County		
18	10/20/2022	EAC Farmland Protection Sub-Committee	Farm and Rural Land Protection in Baldwin County		
19	1/12/2023	EAC Farmland Protection Sub-Committee	Farm and Rural Land Protection in Baldwin County		
20	2/16/2023	EAC Farmland Protection Sub-Committee	Farm and Rural Land Protection in Baldwin County		
21	3/3/2022	EAC/EAB Joint Advisory Sub-Committee	County Wide Ordinance Consistency		
22	6/21/2022	EAC/EAB Joint Advisory Sub-Committee	County Wide Ordinance Consistency		
23	9/1/2022	EAC/EAB Joint Advisory Sub-Committee	County Wide Ordinance Consistency		
24	11/3/2022	EAC/EAB Joint Advisory Sub-Committee	County Wide Ordinance Consistency		
25	3/6/2023	EAC/EAB Joint Advisory Sub-Committee	County Wide Ordinance Consistency		

5.2.2.2

EAC

Meetings

BALDWIN

— COUNTY, ALABAMA —

Environmental Advisory Committee

MEETING AGENDA

May 03, 2022, 4:00 PM

Robertsdale Central Annex

1. Call to Order
2. Roll Call
3. Approval of Meeting Minutes
4. New Business
Discuss Future EAC Meeting's Special Guest Speakers/Topics
5. Old Business
 - a. Dirt Road Study Subcommittee Update
 - b. Water Quality Monitoring Plan Subcommittee Update
 - c. Farmland Protection Subcommittee Update
 - d. Bon Secour Watershed Management Plan -Fort Morgan Road Beach Erosion Study
6. Other Business/Announcements/Public Comments
7. Adjournment



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BALDWIN

— COUNTY, ALABAMA —

Environmental Advisory Committee

Meeting Minutes

May 03, 2022 @ 4:00 PM

Baldwin County Central Annex

1. Call to Order

The meeting was called to order by Committee Chair, Brett Gaar, at 4:00 p.m.

2. Roll Call

Committee members present: Glenda Dean, Paige Felts, Brett Gaar, Leslie Gahagan, Phillip Hinesley, Vaughn Millner, Tommy Rachel, Tom Schmitz, and Dick Sute

County staff members present: Ashley Campbell, Michelle Pennington (EMA)

Also present: Casey Fulford (Coastal Restoration Planner, Alabama Association of Conservation Districts) and Connie Whitaker (Executive Director, South Alabama Land Trust)

3. Approval of Previous Meeting Minutes

The April 5, 2022, EAC meeting minutes (*Attachment-1-April 5, 2022 Meeting Minutes*) were approved.

Motion: Tom Schmitz Second: Vaughn Millner Vote: Unanimous

4. New Business

- A. The committee discussed potential upcoming meeting topics and guest speakers.
- i. The Baldwin County Sewer Service presentation was moved from June 7th to July 5th-Gerry McManus
 - ii. EPA-How's My Waterway? Amy Newbold
 - iii. Alabama Coastal Foundation Utilities United-Mark Berte
 - iv. Alabama Oil and Gas Board Carbon Sequestration-Emily Anderson
 - v. Baldwin County Planning & Zoning Ordinance-Matthew Brown
 - vi. ECUA -waste water re-use-Paige Felts will send contact
 - vii. Gena Todia Planning District 26 Wetland Evaluation and Recommendations

5. Old Business

A. **Baldwin County EAC Dirt Road Subcommittee Update**-Brett Gaar reported the subcommittee has submitted the updated list to highway for maintenance scores.
Members: Brett Gaar, Tommy Cleverdon, Tim Mullek and Tom Schmitz.

B. **Baldwin County EAC Water Quality Monitoring Subcommittee Update**- Ashley is trying to schedule a meeting with all parties to discuss the opportunity to combine several efforts. Glenda Dean recommended that we contact Scott Brown and Scott Hughes to discuss their upcoming coastal monitoring and how we could consider joining efforts.
Members: Glenda Dean, Paige Felts, Leslie Gahagan and Vaughn Millner.

C. **Farmland Protection Subcommittee (FPS)**-The first EAC FPS meeting was held on April 16, 2022. Casey, Dick, and Brett discussed the outcome of the first meeting (*Attachment-2-EAC FPS-Meeting Minutes*). They all agreed that it was a great meeting and they looked forward to the task at hand. They stated that the subcommittee goal was to create a report detailing two efforts.

- i. Farmland Protection Zoning Overlay District
- ii. Farmland Protection Preservation through purchasing development rights through land trust.

Ashley informed the EAC that she would set up a folder on the EAC SharePoint site for the Farmland Protection Subcommittee. All research and documents will be available for review.

Members: Brett Gaar, Tommy Cleverdon, Tim Mullek, Dick Sute, Nathan Bartl, Joey Koptis, Casey Fulford, NRCS guy

D. **Bon Secour Watershed Management Plan**-Fort Morgan Road Intercoastal Canal Beach Erosion Study-Ashley informed the committee that she had not been successful in scheduling the meeting with the USACE, Bailey Crane. Ashley will reach back out to Mr. Crane. The following EAC members would like to attend the meeting: Paige Felts, Brett Garr, Tom Schmitz, and Tommy Rachel

E. **District 1 Member Replacement**- The recent recommended replacement was contacted but no response has been received. A discussion was held regarding searching for a replacement for Jason Padgett from Commission District 1. Brett agreed to reach out to Jason to see if he had any recommendations. If not, Vaughn Millner stated that she may know someone. Ashley Campbell stated that she had someone that had asked about serving last year. Ashley will provide resumes for the potential members for the next meeting.

6. Other Business/Announcements/Public Comments

- A. Michelle Pennington stated the Mississippi-Alabama Sea Grant Input. She asked if the EAC would be interested in participating in the survey. Ashley agreed to send the survey out to the EAC.
- B. Ashley stated the Western Shore of Perdido Bay Watershed Management Plan Steering Committee's monthly meeting. May's meeting agenda topic is on wake zones. The meeting is Monday, May 16th at 6:00 pm at the Lillian Fire Department Conference Room, 11331 County Road 91, Lillian, AL.
- C. Riviera Utilities Tour Date was set for May 18th at 8:00 am.
- D. Leslie Gahagan invited the committee to join the Mills Pride Community Cleanup event on May 28th from 8:00 a.m. to 12:00 p.m. The event is sponsored by the City of Foley, Baldwin County Solid Waste, Ecumenical Ministries, and the local churches. (*Attachment-3-Mill's Pride Clean Up Flyer*)

Adjournment

The meeting adjourned at 5:16 p.m.



5.2.2.2

EAC Farmland
Protection
Sub-Committee
Meetings

BALDWIN

— COUNTY, ALABAMA —

Environmental Advisory Committee Farmland Protection Subcommittee Agenda

May 19, 2022 @ 8:30 a.m.
Foley Planning & Zoning Department Conference Room

1. Call to Order
2. Roll Call
EAC Farmland Subcommittee: Nathan Bartl, Blain Chastang, Tommy Cleverdon, Wayne Dyess, Brett Gaar, Casey Fulford, Joey Koptis, Tim Mullek, Tobin Street, Dick Sute, and George Woerner
County Staff: Ashley Campbell
3. Approval of Meeting Minutes
4. New Business
 - a. Review and discussion of maps
 - b. Objectives & timeline for report
 - c. Survey to community about master plan or farmland protection
 - d. June presentation topic
5. Old Business
 - a. Review and discussion of hand-outs
 - b. Future topics and presentations
6. Other Business/Announcements/Public Comments
7. Adjournment



BALDWIN

— COUNTY, ALABAMA —

Environmental Advisory Committee Farmland Protection Subcommittee Meeting Minutes

May 19, 2022 @ 8:30 a.m.

Foley Planning & Zoning Department Conference Room

Call to Order: Meeting convened at 8:44a.

Roll Call

Nathan Bartl, Farmer (Lillian)

Casey Fulford, AACD

Brett Gaar, EAC Chair

Blaine Chastang, BCSWCD Supervisor

Wayne Dyess, City of Foley

Ashley Campbell, Baldwin County

Joey Koptis, NRCS & Farmer (Summerdale)

Tommy Cleverdon, Farmer (Foley)

Approval of Meeting Minutes: Meeting Minutes from April 21st were approved.

Motion: Nathan Bartl

Second: Tommy Cleverdon

Vote: Unanimous

New Business

1. Designation of Members, Advisors, and Alternates (Vote required)

- a. Members: Dick Sute, Nathan Bartl, Casey Fulford Brett Gaar, Blaine Chastang, Joey Koptis, Tommy Cleverdon, Hope Cassebaum
- b. Alternate Members: Tim Mullek, Tobin Street
- c. Advisors: Wayne Dyess
- d. County Staff Member: Ashley Campbell

Motion: Nathan Bartl

Second: Tommy Cleverdon

Vote: Unanimous

2. Designation of Positions (Vote required)

- a. Chair: Tommy Cleverdon
- b. Co-Chair: Casey Fulford
 - i. Co-chair will take notes for meetings, minutes will be reviewed by county staff member before dissemination.

Motion: Brett Gaar

Second: Nathan Bartl

Vote: Unanimous

3. Maps

- a. Overlay CLU with planning district boundaries to collect average acre size within.
- b. Add conservation lands to the zoning map

4. Objectives & Timelines

- a. Report should include:

- i. Pros on zoning (why be zoned) and how that directly relates to protection and preservation for farmland
 - 1. Examples from other states examples: FL or GA
 - ii. Guidelines on local provisions or overlay (regulation side)
 - iii. 3 separate chapters: education, protection, and preservation. With facts sheets or brochures for quick reference and outreach
 - 1. Difference between zoned versus un-zoned
 - iv. Work on Zoning Provisions for protection for the halfway mark and tackle preservation on the 2nd half
 - 1. Creation of a buffer document that help HOAs understand the assumption of responsibility once developer passes torch.
 - b. Stakeholder Meeting at the halfway mark
 - i. Split county in half to hold meetings or into quarters
 - ii. Revisit a schedule once we get more progress done with the zoning provision
5. Surveys
- a. County master plan meetings planned for July
 - b. Having a survey for the community after the stakeholder meetings
 - i. Before and after to gauge perception
 - ii. Work on a skeleton within the next two meetings
6. June presentation topic: SALT or Land Trust Alliance
- a. Potential future topics: Jason Gardner, Program Manager for NRCS
 - b. Potential future topics: Matthew Brown, Baldwin County

Old Business

- 1. Considerations from last meeting's handouts
 - a. Having a landscaper to designate native species that would be acceptable within the buffer
 - b. Who is in charge regulatory to make sure buffers are maintained to continue to be useful?
 - c. Debris blowing on ag property, overspray on developed land
 - i. Farm tours to look at existing buffers
- 2. Actions
 - a. Share SharePoint Link (Casey)
 - b. Create a communication link between someone from Maryland and Baldwin to discuss their foundation legislation (Casey & Ashley)
 - c. Homework (Ashley & Casey)
- 3. Next meeting date being moved due to schedule conflicts, moved to June 23rd, 2022 from 8:30-10a.

Adjournment: Meeting ended at 10:23a

**Next Meeting: June 23, 2022, from 8:30-10 a.m. at the
Baldwin County Satellite Courthouse in Foley**



5.2.2.2

**EAC/EAB Joint Advisory
Sub-Committee**



**Joint Environmental Advisory
Committees/Board**

Meeting Agenda
March 3, 2022, 9:00 AM
Fairhope Satellite Office

- 1) Call to Order
- 2) Discuss the Difference Between Committees and Boards
- 3) EAC/EAB 2022 Priorities
 - (a) Fairhope EAB
 - (b) Daphne EAC
 - (c) Baldwin County EAC
- 4) Potential Partnerships
- 5) Adjournment



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Joint Environmental Advisory Committees/Board

Meeting Minutes

March 3, 2022, 9:00 AM

Fairhope Satellite Office

1. Call to Order

2. Attendance & Introductions

Fairhope	Kim Burmiester-City of Fairhope Code Enforcement Gary Gover-Fairhope Environmental Advisory Board (EAB) Chair Amy Paulson-Fairhope EAB-Co-Chairman
Daphne	Tim White-Daphne Daphne Environmental Program's Manager Cathy Barnette-Daphne Environmental Advisory Committee (EAC)Member
County	Brett Gaar-BC Environmental Advisory Committee (EAC) Chair Ashley Campbell-BC Natural Resource Planner-EAC Secretary

3. A discussion was held regarding the difference between a committee and board. Baldwin County and Daphne have advisory committees while Fairhope has environmental board. Both are advisory groups, but a board is held to stricter standards for public notice requirements. The conversation concluded with each party satisfied with their status. Fairhope may contact their attorney to review the matter.

4. EAC/EAB 2022 Priorities

- a. **Fairhope EAB-**Amy presented the EAB Board's 2022 EAB Organization & Priorities document. A discussion was held regarding the document and whether the city adopted the document or was it an advisory document. Gary stated that he would like to see the group partner on wetland protection through similar wetland regulations. He also mentioned Fairhope's effort to create greenways throughout the city. The group discussed the fact that each entity was working on their master planning process and there may be an opportunity to join in the effort. Kim invited the group members to the City of Fairhope's Master Plan meeting at the Nix Center on March 8th from 5:30 to 7:30 p.m.
- b. **Daphne EAC-** Tim and Cathy mentioned Daphne's EAC working on wetland protection, Master Planning, and the Flood Wise Program. Tim discussed the Lake Forest Lake project and prioritizing grant funds. Tim and Cathy also discussed that a goal for 2022 was to compile a list of topics and projects from each member of the EAC.

- c. **Baldwin County EAC**-Brett mentioned that the county's EAC and its subcommittees were working on the following:
 - i. Annual Environmental Stewardship Awards
 - ii. EAC Farmland Subcommittee-Farmland Protection District
 - iii. EAC Water Quality Subcommittee-A County wide water quality monitoring program
 - iv. EAC Dirt Road Subcommittee-Updating Baldwin County's list of *the 25 Most Environmental Damaging Dirt Roads of Baldwin County*.
 - v. EAC Ordinance Review Subcommittee-review updates to the County's Zoning and Subdivision ordinance updates.

- 5. Potential Future Partnerships
 - a. The group felt like wetlands and ordinance (regulation) consistency were two main items that could be improved through a continued joint environmental advisory meeting.
 - b. The group agreed to continue quarterly meetings with the small group and an annual meeting with all members of each committee/board in the fall.
 - c. Amy Paulson agreed to serve as the group chair and Ashley, Tim and Kim agreed to share the duties of recording the meeting summary/minutes.

- 6. The meeting adjourned at 11:00 a.m.



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Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bi</i>	5.2.2.2	<i>Committees, Watershed Organizations & Groups</i>	<i>During the Master Plan/Comprehensive Plan process, the EAC Review and Update the proposed plan updates</i>	ALL	P&Z & EAC
Date			Description		
3/15/2022			Email Regarding Review and Comments of Master Plan Our Vision		
12/7/2021			EAC Meeting Master Plan Review and Comments		

Ashley Campbell

From: Ashley Campbell
Sent: Tuesday, March 15, 2022 10:30 AM
To: Jason Padgett (jpadgett@nbumail.com); 'perry@southeasttimber.com'; 'jrsute@gmail.com'; 'Kim Burmeister'; 'loxleypud@townofloxley.org'; 'mejau89@icloud.com'; 'Tim Mullek'; 'tommy@cleverdonfarms.com'; 'Felts, Paige'; Brett Gaar; lgahagan@cityoffoley.org; 'PHinesley@gulfshores.com'; 'pchinesley@gmail.com'; 'tschmitz12bc@gmail.com'; 'Vaughn Millner'; 'vaughn@vaughnmillner.com'; Tommy Rachel; Glenda Dean
Cc: Matthew Brown; cgruber@baldwincounty.al.gov; Connie Whitaker; Shelton, Mike; 'govers@bellsouth.net'; 'drjnormand@aol.com'; 'ben.framer@gmail.com'; 'amy.paulson@yahoo.com'; '757nigel@gmail.com'; 'michelleleemelonlee@gmail.com'; 'Foutch.jennifer@gmail.com'; 'alan easley'; 'Riva Fralick'; 'Stewart, Steve'; 'stv4micha@aol.com'; 'Kenneth Tebay'; 'Casey Fulford'; burcham.wade@gmail.com; WBurcham@Geosyntec.com
Subject: Our Vision A Citizen's Guide to Growth in Baldwin County Public Meetings

EAC Members & Guests,

Baldwin County will be hosting in-person and virtual community meetings over the next 6-8 months to receive public feedback on the County's strategy for addressing current and future challenges and sensitively optimizing growth opportunities. Meeting topics will include growth and economic development, natural resource protection and stewardship, rural sector protection, infrastructure service, diversifying housing opportunities, and job creation. We will also discuss various tools that can be used to help achieve this vision over time.

Upcoming Meetings:

Wednesday, March 16, 2022 from 10:00 - 11:30 AM *Foley Civic Center 407 East Laurel Avenue, Foley*

Wednesday, March 16, 2022 from 5:30 - 7:00 PM *Baldwin County Central Annex Auditorium 22251 Palmer Street, Robertsdale*

Thursday, March 17, 2022 from 10:00 - 11:30 AM *Bay Minette City Hall Council Chambers 301 D'Olive Street, Bay Minette*

Thursday, March 17, 2022 from 5:30 - 7:00 PM *Baldwin County Fairhope Satellite Courthouse Commission Chambers 1100 Fairhope Avenue, Fairhope*

These in-person and virtual community meetings will include presentations, interactive workshops, discussions, and surveys that will help the County set priorities around a community-based vision. Your input is critical to creating a successful future that enables Baldwin County to remain a great place to live and prosper!

These meetings will take place in various parts of the County to receive input from a range of backgrounds and experiences.

BALDWIN

— COUNTY, ALABAMA —

Environmental Advisory Committee

MEETING AGENDA

December 7, 2021, 4:00 PM
Baldwin County Central Annex

- 1) Call to Order
- 2) Roll Call
- 3) Approval of Previous Meeting Minutes- November 2, 2021
- 4) New Business
 - A. Design Workshop Presentation via WebEx- Environmental framework for Baldwin County's Future Land Use Maps. The EAC will be asked to review and comment on the list below of the environmental and protected lands data they have in hand currently:
 - Potential Wetlands (source: Baldwin County)
 - Flood Hazard Zones (source: Baldwin County)
 - SLOSH Model Storm Surge Hazards (source: National Storm Surge Hazard Maps - Overview (arcgis.com))
 - Hydric Soils (source: NRCS, SSURGO Soil Hydric Class)
 - Prime Farmland (NRCS Soil Farmland Class)
 - Tree Canopy Cover (USA NLCD Tree Canopy Cover - Overview (arcgis.com))
 - Coastal Inundation – Sea Level Rise (Sea Level Rise and Coastal Flooding Impacts (noaa.gov))
 - Marsh Migration – Related to Sea Level Rise (Sea Level Rise and Coastal Flooding Impacts (noaa.gov))
 - Impaired Waters: Geographic Information Systems GIS Databases and Documentation | Environmental Protection Division (georgia.gov)
 - Protected Lands:
 - South Alabama Land Trust parcels
 - Pelican Coast Conservancy Conservation Easements (Gulf Land/Hawthorne)
 - Federal, State, tribal and protected lands from NCED (National Conservation Easement Database |NCED)
 - Forever Wild-Alabama Department of Conservation Natural Resources (arcgis.com)
 - Habitat Priority Target Areas-2019 Habitat Conservation and Restoration Plan Coastal Alabama-MBNEP

BALDWIN

— COUNTY, ALABAMA —

Environmental Advisory Committee

December 7, 2021, 4:00 PM
Baldwin County Central Annex

Call to Order

The meeting was called to order by Committee Chair, Brett Gaar, at 4:00 p.m.

Roll Call

Committee members present: *Kim Burmeister, Tommy Cleverdon, Paige Felts (WebEx) Leslie Gahagan, Brett Gaar, Phillip Hinesley, Perry Lamb, Tim Mullek, Vaughn Millner, Tommy Rachel, Tom Schmitz, & Dick Sute*

County staff members present: *Ashley Campbell*

Also present: *Adeline Caffey, Corley Dodd, Riva Fralick, Jason Kudulis, Mike Shelton, & Connie Whitaker*

Approval of Previous Meeting Minutes

Leslie Gahagan made a motion to approve the November 2, 2021, meeting minutes (Attachment 1). The motion was seconded by Vaughn Millner, and a unanimous vote took place to approve the meeting minutes.

New Business

1. Design Workshop Presentation via WebEx- Environmental framework for Baldwin County's Future Land Use Maps (**Attachment 2**). *The EAC was asked to rank the top three (3) environmental layers (see below).*
 - a. Potential Wetlands (source: Baldwin County)
 - b. Flood Hazard Zones (source: Baldwin County)
 - c. SLOSH Model Storm Surge Hazards (source: National Storm Surge Hazard Maps - Overview (arcgis.com))
 - d. Hydric Soils (source: NRCS, SSURGO Soil Hydric Class)
 - e. Prime Farmland (NRCS Soil Farmland Class)
 - f. Tree Canopy Cover (USA NLCD Tree Canopy Cover - Overview (arcgis.com))
 - g. Coastal Inundation – Sea Level Rise (Sea Level Rise and Coastal Flooding Impacts (noaa.gov))

- h. Marsh Migration – Related to Sea Level Rise (Sea Level Rise and Coastal Flooding Impacts (noaa.gov))
- i. Impaired Waters: Geographic Information Systems GIS Databases and Documentation | Environmental Protection Division (georgia.gov)
- j. Protected Lands:
- k. South Alabama Land Trust parcels
- l. Pelican Coast Conservancy Conservation Easements (Gulf Land/Hawthorne)
- m. Federal, State, tribal and protected lands from NCED (National Conservation Easement Database | NCED)
- n. Forever Wild-Alabama Department of Conservation Natural Resources (arcgis.com)
- o. Habitat Priority Target Areas-2019 Habitat Conservation and Restoration Plan Coastal Alabama-MBNEP

The EAC recommended that Design Workshop contact the USACE regarding the Alabama Coastal Comprehensive Plan Interactive Map [Alabama Coastal Comprehensive Plan \(army.mil\)](#) as an additional resource. The EAC also recommended the group consider adding the following layers:

1. Prime Farmland
2. Marsh Migration
3. Impervious Cover
4. Climate Change

The EAC reviewed Design Workshop’s draft Environmental Framework Map’s data layers. The EAC prioritized and combined layers into the EAC’s top three (3) most important layers to be displayed:

1. Flood Hazard Zones/ Slosh Model Hurricane Surge/Sea Level Rise
2. Priority Habitats including wetlands
3. Farmland/Tree Cover

2. Mobile Bay National Estuary Program
 - a. Lower Fish River/Magnolia River Restoration Project Presentation was given by Jason Kudulis. **Jason gave a power point presentation, and the projects were discussed.**
 - b. Schedule January 2022-Marlow Field Trip-EAC Meeting Date: 01/04/22-**The committee agreed for Ashley to pick a date in early January and send a calendar invite to the EAC for the field trip.**

Old Business

1. Baldwin County EAC Dirt Road Subcommittee Update
Members: Brett Gaar, Tommy Cleverdon, Tim Mullek and Tommy Schmitz

Brett Gaar presented an updated list and map of the new and old dirt roads that need to be evaluated. Vaughn, Perry, Tim, Tommy Mullek, Mike Shelton and

Tommy Rachel agreed to help evaluate the roads. Brett agreed to send out the list, evaluation form and a couple of examples to each volunteer.

Jason Kudulis with the MBNEP mentioned that the Marlow Project is adjacent to the County's Etta Smith Road. The EAC agreed that should be considered during the road evaluation.

2. Baldwin County EAC Water Quality Monitoring Subcommittee Update-**No Update**
Members: Glenda Dean, Paige Felts, Leslie Gahagan and Vaughn Millner.
3. Annual Awards Update-**The committee reviewed the updated nomination form and agreed to distribute the form.**

Other Business

The committee discussed a possible Farming Overlay District for the zoning ordinance. Tim and Tommy agreed to help with the task. Items discussed are listed below:

1. *Define farming as agriculture and silviculture*
2. *Required landscape buffers*
3. *During the subdivision process require larger lot size/ lower density*
4. *Additional stormwater management requirements*

Announcements

None

Adjournment

The meeting adjourned at 5:33 p.m.



Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bi</i>	<i>5.2.2.2</i>	<i>Committees, Watershed Organizations & Groups</i>	<i>In year 1 of the permit cycle, the EAC Review and Update SWMPP</i>	<i>ALL</i>	<i>P&Z & EAC</i>
	Date	Meeting	Topic		
	3/8/2022	Environmental Advisory Committee	MS4 Storm Water Management Program Plan (SWMPP) Review		

BALDWIN

— COUNTY, ALABAMA —

Environmental Advisory Committee

MEETING AGENDA

March 8, 2022, 4:00 PM

Baldwin County Central Annex

1. Call to Order
2. Roll Call
3. Approval of Previous Meeting Minutes- February 1, 2022
4. New Business
 - a. 2022 EAC Goals-Discuss and finalize 2022 Goals
 - i. Farmland Protection
 - ii. Continue support of Planning and Zoning Ordinance Updates
 - iii. Strategic Plan Goal of County Wide Water Quality Monitoring Program
 - b. EAC Farmland Protection Subcommittee (Vote)
 - c. Replacement for District 1 Member (Discussion)
 - d. Baldwin County Municipal Separate Storm Sewer System (MS4) Stormwater Management Plan Review
5. Old Business
 - a. Dirt Road Study Subcommittee Update
 - b. Water Quality Monitoring Plan Subcommittee Update
 - c. Potential Farming Overlay District Update-See new business
 - d. EAC Annual Awards -Review Winners
 - e. Bon Secour Watershed Management Plan -Fort Morgan Road Beach Erosion Study
6. Other Business/Announcements/Public Comments
7. Adjournment



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BALDWIN

— COUNTY, ALABAMA —

Environmental Advisory Committee Meeting Minutes

March 8, 2022 @ 4:00 PM
Baldwin County Central Annex

Call to Order

The meeting was called to order by Committee Chair, Brett Gaar, at 4:00 p.m.

Roll Call

Committee members present: Tommy Cleverdon (phone interview), Glenda Dean (WebEx), Paige Felts, Brett Gaar, Tommy Rachel, & Dick Sute

County staff members present: Ashley Campbell

Also present: Guy Busby, Casey Fulford, Mike Shelton, & Connie Whitaker

Approval of Previous Meeting Minutes

Due to a lack of a quorum the February 1, 2022, meeting minutes (Attachment 1) were not approved.

New Business

1. The EAC discussed and determined the 2022 EAC Goals as follows:
 - a. Farmland Protection
 - b. Continue support of the Planning and Zoning Ordinance updates
 - c. Strategic Plan Goal of a County Wide Water Quality Monitoring Program using EPA's "How's My Waters?".
 - d. Finalize the Dirt Road Study and provide the Commission with a list of the worst roads and a suggested treatment plan for reduction of erosion and sediment pollution to streams.
 - e. Wastewater treatment plant's effluent reductions
 - f. County wide wetland protection through consistent regulations and enforcement. Provide flow charts for citizens and developers.
 - g. Abandoned dirt pit inventory for stormwater treatment

2. District 1 replacement member-Margaret Sedlecky was submitted for consideration. Ashley agreed to contact Margaret.

3. **The County's 2021-2026 MS4 Stormwater Management Program Plan (SWMPP) is due on April 1st. The EAC will serve as the review committee for the SWMPP and future annual reports. Upon completion, Ashley will send the draft SWMPP to the committee for review.**

Old Business

1. **Baldwin County EAC Dirt Road Subcommittee Update**-Brett updated the committee regarding the dirt road study efforts. The subcommittee determined that there were thirty-eight (38) additional roads to be evaluated. The subcommittee hopes to complete the additional roads in March and begin the report in April.
Members: Brett Gaar, Tommy Cleverdon, Tim Mullek and Tommy Schmitz.
2. **Baldwin County EAC Water Quality Monitoring Subcommittee Update**-Ashley will continue to work with Mobile Bay National Estuary Program (MBNEP), Alabama Department of Environmental Management (ADEM) and Geologic Survey of Alabama to seek funding for the County Wide Water Quality Monitoring Program using a watershed approach. Glenda Dean mentioned that ADEM's water quality monitoring program will return to the Mobile and Perdido Basin in 2024. There would be an opportunity to partner with ADEM in this effort.
Members: Glenda Dean, Paige Felts, Leslie Gahagan and Vaughn Millner.
3. **Farmland Protection Subcommittee**-The Farmland Protection subcommittee was formed. The following will serve on the subcommittee:
 - a. Brett Gaar
 - b. Dick Sute
 - c. Tommy Cleverdon
 - d. Tim Mullek
 - e. Wayne Dyess (potential)
 - f. Conservation Districts-Casey Fulford
 - g. NRCS-Joey Koptis, Tobin Street or Blain Chastang (potential)
 - h. George Woerner (potential)
 - i. Nathan Bartl
4. **Annual Awards Update**-The EAC Environmental Stewardship Award Nominations were voted on by the EAC. All the nominees received enough votes to qualify for the award. The EAC agreed to submit the nominees below to the Commission for recommendation for the 2022 EAC Environmental Stewardship Awards. The nominations will go to the Commission for approval during the first Commission meeting in April and the awards will be presented to the winners during the second meeting of April or May.
 - a. Individual Citizen- Cathy Banning, Wade Burcham, & Michael Johnson
 - b. Small Business-Osprey Initiative, Don Bates
 - c. Large Business-The Lodge at Gulf State Park, Chandra Wright
 - d. Environmental Organization-Little Lagoon Preservation Society, Dennis Hatfield
 - e. Education Program-Watershed Acres, Daphne High School, Dr. Betsy Tipton

- f. Government Agency-City of Fairhope, Richard Johnson
 - g. Student Initiative-None
 - h. Agriculture/Forestry-Cooper Farm-TBD
5. **Bon Secour Watershed Management Plan**-Fort Morgan Road Intercoastal Canal Beach Erosion Study-Ashley informed the committee that she contacted Bailey Crane with the U.S. Army Corps of Engineers (USACE) Mobile District Plan Formulation Branch. He agreed to search for any historic studies and look into the USACE partnering with the County, MBNEP and others to perform the study and the potential for dredge material reuse to renourish the beaches.
6. **Zoning Ordinance Update**-The EAC Ordinance Subcommittee will be sent the link to the draft updates to the ordinance for review within a few days.

Other Business/Announcements/Public Comments

1. Glenda Dean mentioned the need for a future discussion of the Perdido River Carbon Sequestration, <https://www.usgs.gov/faqs/what-carbon-sequestration>
2. The EAC discussed wastewater plants and reduction of effluents. The following items were discussed:
 - a. The Fort Morgan Plant capacity was discussed.
 - b. Fairhope’s Side Stream Treatment Facility
 - c. Decentralized Sewer Systems
 - d. North Baldwin Compliance Issues
 - e. The committee requested a tour of Escambia County’s and/or Foley’s Riviera Wastewater Treatment Plant. Ashley agreed to contact Riviera to set up a presentation and a tour.
3. Tommy Rachel invited the EAC to attend the Magnolia Springs Community Hall Meeting on March 18th at 6:00 pm to discuss septic tank issues in the Magnolia River Watershed.

Announcements

Adjournment

The meeting adjourned at 4:45 p.m.



Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bv</i>	5.2.2.4	<i>Committees, Watershed Organizations & Groups</i>	<i>County Staff will promote, participate and track watershed organization events</i>	ALL	P&Z
		Watershed	Topic		
		Eastern Delta Watershed	Eastern Watershed Management Plant Steering Committee		
		Tensaw Delta	Virtual Meeting Watershed Meeting		
		Western Shore of Perdido Bay	Western Shore Perdido Bay Steering Committee Meeting		
		Fly Creek	ES WMP Stakeholder Workshop		

Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1bv	5.2.2.4	Committees, Watershed Organizations & Groups	County Staff will promote, participate and track attendance in County Watershed Management Plan Steering Committees	ALL	P&Z
Watershed					
<i>Eastern Delta Watershed</i>		<i>Eastern Delta WMP Steering Committee</i>			
	Date	Topic			
	NA	NA			
<i>Tensaw Delta</i>		<i>Virtual Meeting Watershed Meeting</i>			
	Date	Topic			
	8/26/2022	Watershed Management Plan Meeting			
<i>Western Shore of Perdido Bay</i>		<i>Western Shore Perdido Bay Steering Committee Meeting</i>			
	Date	Topic			
	8/15/2022	Western Shore Perdido Bay Steering Committee Meeting			
	7/18/2022	Western Shore Perdido Bay Steering Committee Meeting			
	5/16/2022	Western Shore Perdido Bay Steering Committee Meeting			
<i>Fly Creek</i>		<i>ES WMP Stakeholder Workshop</i>			
	Date	Topic			
	5/25/2022	ES Watershed Management Plan Stakeholder Workshop			

5.2.2.4

Eastern Delta
Watershed

March 16, 2023

Ashley Campbell
Natural Resource Planner
Baldwin County Commission, Planning and Zoning
201 East Section Avenue
Foley, AL 36535

Re: Eastern Delta Watershed Management Plan Steering Committee Invitation

Dear Ashley,

The Mobile Bay National Estuary Program (MBNEP) has engaged Anchor QEA, LLC, to prepare an Eastern Delta Watershed Management Plan (WMP). This WMP covers the Whitehouse Creek, Upper Bay Minette Creek, and Lower Bay Minette Creek watersheds in Baldwin County, Alabama. Combined, these areas encompass approximately 49,191 acres and discharge directly into, Bay Minette Creek and, ultimately, Blakeley River and Mobile Bay.

To help evaluate and distribute information related to the WMP, the MBNEP Team intends to assemble a Steering Committee. Individuals on the committee will consist of key private and public stakeholders with an interest in the Eastern Delta Watershed who represent a diverse group of interests in the community and watershed.

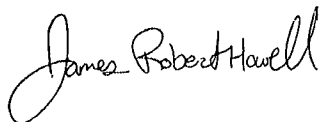
On behalf of MBNEP, Anchor QEA invites you to serve as a member of the Eastern Delta WMP Steering Committee. We anticipate that up to six 1-hour committee meetings will be held. During the first meeting, the project team will introduce committee members to the project, explain the roles and expectations of committee members, provide a project overview and schedule, obtain input on community engagement and outreach opportunities, and discuss known critical issues and concerns. Subsequent meetings will focus on providing updates regarding the studies associated with the WMP, discussing stakeholder engagement and feedback, prioritizing critical issues and concerns, and identifying potential management measures and projects to address critical issues and concerns.

The first meeting will be held on Wednesday, March 29, 2023, at 12:00 at the Spanish Fort City Hall.

Please let us know if you accept the invitation to serve on this Committee by responding via e-mail to missi@shumerconsulting.com by March 22, 2023. Should you have any questions or need additional information, please reach out to Missi Shumer at 251-605-7252 or missi@shumerconsulting.com.

We look forward to working with you.

Sincerely,

A handwritten signature in black ink that reads "James Robert Howell". The signature is written in a cursive style with a large, looping initial "J".

James Robert Howell, P.G.
Project Manager

5.2.2.4

Tensaw Delta
Watershed

THE DELTA EXCHANGE



What does the future hold for the Mobile-Tensaw River Delta?

In light of high profile issues impacting the Mobile-Tensaw River Delta, along with the many other associated impacts affecting the long-term health and resilience of this vast river system known as "America's Amazon," how will our community collaboratively manage this unique natural resource into the future? Like the exchange of fresh and salt water in this distinctive estuary, what does the Delta give us and what do we give it in return?

**THURSDAY
AUGUST 26
8 AM - NOON**

Register
by Aug. 23

A Virtual Event
via Zoom

This invitation-only event is designed for the wide diversity of stakeholders in the Delta, including businesses, developers, environmental protection advocates, farmers, foresters, government officials and staff, industries, private landowners, public landowners and managers, recreational users, residents, scientists, utilities, and more.

Join the Mobile Bay National Estuary Program in a virtual, morning event to:

LEARN

about the Delta's great biodiversity and what is imperiling these unique lands and waters

DISCOVER

actions that can be taken to restore, protect and preserve this large watershed spanning nearly a quarter-million acres in Mobile and Baldwin counties

SHARE

additional steps you believe can contribute to the health of the Delta

PRIORITIZE

with your fellow stakeholders, what can and should happen now and into the future to best manage "America's Amazon."

REGISTER:

tinyurl.com/4pefahmh



Or scan
the QR code
to register

THE DELTA EXCHANGE

Importance of Your Participation in The Delta Exchange

- Provide the Project Team developing a Watershed Management Plan for the Mobile-Tensaw-Apalachee complex of watersheds with important institutional knowledge.
- Represent the interests of the community and a diverse group of stakeholders.
- Build consensus for direction.
- Ensure the success of the Watershed Management Plan and its future implementation.

THE DELTA EXCHANGE

Action Plans

- Will discuss your thoughts and feedback on a number of issues that were presented earlier this morning.
- Top of mind brainstorming at rapid speed.
- Ultimately, in our Breakout Sessions, we will prepare ONE Action Plan for an issue we feel rises to the top.
- Facilitator will report out the consensus of our discussion and our Action Plan to the whole group.
- Then we will have an opportunity to vote on our preferences in plenary with all participants toward the end of today's program and those will be incorporated into The Project Team's Watershed Management Plan.

THE DELTA EXCHANGE

Issue #2

Conservation Coordination and Land Management Issues (5 min.)

(habitat, land conversion, erosion, stream protection)

Strengths: What's working?

(List all, highlight top 1)

Weaknesses & Threats: What's not working?

(List all, highlight top 1)

THE DELTA EXCHANGE

Issue #4

Hydrologic Modification (5 min.)

(ship channel and turning basin, upstream dams, Causeway)

Strengths: What's working?

(List all, highlight top 1)

Weaknesses & Threats: What's not working?

(List all, highlight top 1)

THE DELTA EXCHANGE

Issue #6

Cultural Resource Issues (5 min.)

(impact of sea level rise, lack of evaluations, degradation)

Strengths: What's working?

(List all, highlight top 1)

Weaknesses & Threats: What's not working?

(List all, highlight top 1)

THE DELTA EXCHANGE

Opportunities (7 min.)

(Look at your "Top 1" lists, list all, highlight the top 1-3 of these)

Briefly, think about what action(s) could address it/them, keeping in mind the following criteria:

1. Does it have the ability to affect change (e.g., does it result in conservation, what is the scale of its impact, are there connected positive impacts?)
2. Is it science-based?
3. Is it measurable?
4. Is it fundable? (now or in the future?)
5. Is there a champion who/that can be assigned? (now or in the future?)

Choose 1 of the top 3 that meets the criteria and for which an Action Plan can be developed.

5.2.2.4

Western Shore of
Perdido Bay Watershed

Ashley Campbell

From: Wade Burcham <WBurcham@Geosyntec.com>
Sent: Monday, May 16, 2022 7:58 PM
To: Mollie Taylor; Roberta Swan; Christian Miller; Kelley Barfoot
Cc: Judy Haner; Madison Blanchard; Gerry Manus; Nathan Bartl; Mike Cleveland; Matt Posner; Pete Garafola; Chris Head; Billy Lovelace; Ashley Campbell; Brent Spears; Jenny Williams; Cindy Rae Jones; Lucy Smith; Hope Cassebaum; Mary Kate Brown; John LaGrone; Lani Hudson; tschmitz12bc@gmail.com
Subject: RE: Western Perdido Bay Watershed Steering Committee Meeting (WPBW)

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

5/16/2022

Ryan Bennett, with ALEA, spoke with the Western Perdido Steering Committee with about wake zones at the request of the steering committee. He noted that there are only 51 enforcement officers patrolling waterways. This equates to about one officer for every 98,000 residents. The reality is that this force is spread extremely thin. There are 275,000 registered boats in the State of Alabama. Baldwin County is home to 120,000 of those boats and only 4 troopers. This is roughly one trooper for every 30,000 Alabama registered boats.

Regulatory markers in waterways require public safety need. This must be balanced with diverse stakeholders, many of which do not desire regulatory markers. As an effort to address this, a law was proposed last year to regulate traffic within a buffer zone of area. This bill did not pass.

The consensus of the committee was:

1. Support funds additional enforcement resources.
2. Leveraging opportunities exist for educational outreach opportunities. ALEA has media resources but need science backed education topics. Suggest topics. Boat ramp signage is a good citizen type project. Geofencing technology could also be explored.
3. Explore the possibility of placing information signage.
4. Assist state in developing traffic control warrant studies.



Figure 1 - Lt. Ryan Bennett, District Commander Speaks to Western Perdido Watershed Management Plan Steering Committee



Figure 1 - Potential "Request" Sign

-----Original Appointment-----

From: Mollie Taylor <MTaylor@Geosyntec.com>

Sent: Friday, March 18, 2022 12:17 PM

To: Mollie Taylor; Mollie Taylor; Wade Burcham; Roberta Swann; Christian Miller; Kelley Barfoot

Cc: Judy Haner; Madison Blanchard; Gerry Manus; Nathan Bartl; Mike Cleveland; Matt Posner; Pete Garafola; Chris Head; Billy Lovelace; Ashley Campbell; Brent Spears; Jenny Williams; Cindy Rae Jones; Lucy Smith; Hope Cassebaum; Mary Kate Brown; John LaGrone; Lani Hudson

Subject: Western Perdido Bay Watershed Steering Committee Meeting (WPBW)

When: Occurs the third Monday of every 1 month(s) effective 3/21/2022 until 12/26/2022 from 6:00 PM to 7:00 PM (UTC-06:00) Central Time (US & Canada).

Where: Lillian Fire Department Conference Room, 11331 County Road 91, Lillian, AL

Hello Team –

This is a recurring calendar invite to hold the third Monday of every month for the WPBW Steering Committee meeting. Please let me know if you would like me to remove you from the list, or if I'm missing someone.

Thank you!

Mollie

Mollie Taylor

Project Scientist

Geosyntec Consultants, Inc.

1120 North 12th Avenue

Pensacola, Florida 32501

Phone: 850.483.5108

Mobile: 843.422.4966

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Ashley Campbell

From: Wade Burcham <WBurcham@Geosyntec.com>
Sent: Monday, July 18, 2022 3:46 PM
Subject: Public Meeting Planning - Western Perdido Bay Watershed Steering Committee Meeting (WPBW)

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

Looking forward to seeing everyone tonight. Please find below some items where I believe a consensus has developed, and **some specific questions**. No worries if you don't agree on something, we can talk about it tonight.

- Meeting Location - Lillian Community Club
- **Who will make arrangements?**
- **Meeting Time**
 - A) 8:30 am to 10:00 am?
 - B) 1:00 pm to 2:30?
 - C) 5pm to 6:30pm?
- How long – 1.5 hours
- Who will invite people that we think must attend?
 - Respondents to survey
 - **State rep:**
 - **Federal rep:**
 - **Local environmental agencies:**
- What will the format look like?
 - Finger foods, drinks provided by a sponsor
 - **Sponsor?**
 - Maps –
 - That can be marked up
 - Watershed Maps (two paper)
 - Projections showing opportunities
 - Displays showing water quality results
 - Displays showing potential management measures
 - Display showing ten volunteer opportunity paths
 - Twenty minute summary of information
 - Ten minute platform question and answer (pre submitted)
 - Floor question and answers
- **Who will be available to help?**
 - **Someone to record responses at Map**
 - **Someone to talk about findings**
 - **Someone to assist in filling out survey**
 - **Someone to talk to potential volunteers**
 - **Several roving hosts**
- Do we strategically invite people, or do we broadly invite everyone? Both
- If we do broad invitations, how do we need to advertise and when do we begin advertising?

- Press release
- Word of mouth and social media post (to be distributed by steering team)
- Email invitations to respondents to the survey
- What is the essence of what we want the public to do?
 - Review what has been discovered and comment on what is missing
- What are the one or two things we want people to hear in the meeting?
 - This ecosystem is environmentally and economically important because of its exceptional biodiversity and productivity.
 - Coordinated community-wide environmental stewardship is essential to protecting the things people value most about living in coastal Alabama
- What is our elevator speech? That can be communicated in less than three points, with less than 27 words, and can be said in about nine seconds.
 - The threatened Wester Perdido Bay will require those who work, live, and play here to partner together extensively if we preserve our ecosystem's Clean Water Future.
- Are there any sensitive subjects to avoid? Pathogens is the big concern. Do we face it head on, or avoid it?
 - Onsite Treatment / Sewer overflows listed as causes

PWMP

7/19

WADE

Lucy Smith

Lani Cameron

Mary Kate Brown

Michael Cleveland

Christy Miller

Ashly Campbell

NATHAN BARTZ

Western Perdido Bay Vision Statement

vision

o Which vision statement do you prefer for the Western Perdido Bay...



• "Our community and culture is resilient, and through responsible development provides future generations with a quality of life measured by clean water, abundant wildlife, and healthy watersheds."

• "We pass to our grandkids a small community culture characterized by wildlife corridors and significantly intact watersheds where the streams and rivers are fishable and swimmable."

Answers

Count

Percentage

"Our community and culture is resilient, and through responsible development provides future generations with a quality of life measured by clean water, abundant wildlife, and healthy watersheds."

2

100%

"We pass to our grandkids a small community culture characterized by wildlife corridors and significantly intact watersheds where the streams and rivers are fishable and swimmable."

0

0%

"We preserve our community and culture to give our grandchildren a future with resilient watersheds, abundant wildlife, and streams and rivers open for recreation."

0

0%

Answered: 2 Skipped: 0

o If you would like to suggest a different vision statement, or edit one above, please write...

The word cloud requires at least 20 answers to show.

Response

Count

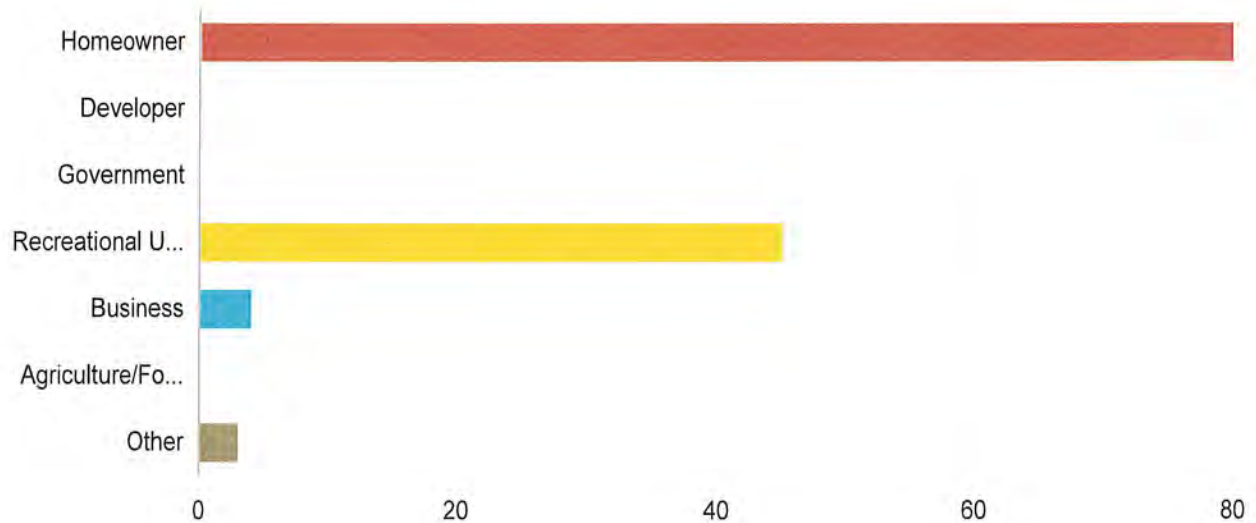
I like a combination of 2 & 3. We preserve our community and culture through responsible development to provide future generations with a quality of life measured by clean water, abundant wildlife and healthy watersheds.

Answered: 1 Skipped: 1

Western Perdido Bay WMP Citizen Survey

Thank you for participating!

o What group(s) are you most closely related to?



Answered: 89 Skipped: 1

o If other, please list:

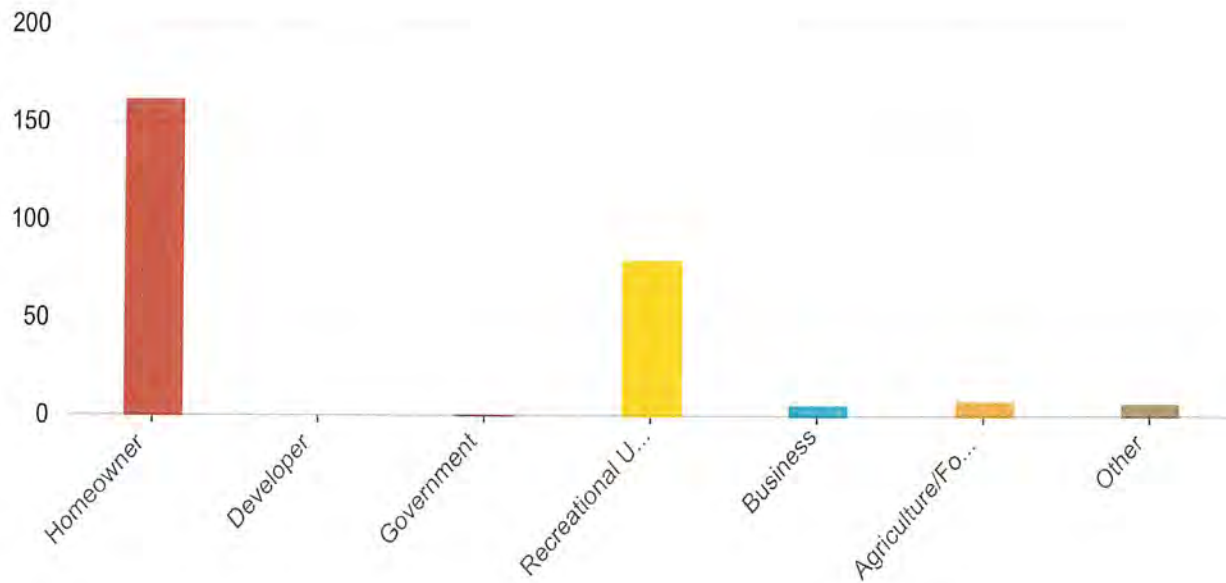
The word cloud requires at least 20 answers to show.

Response	Count
Property Owner's Association	1
Our property	1
Long time Baldwin County resident who lives, works, and plays here. Want to see our bays saved the best way possible.	1
homeowner	1
Archeological-Historical-Presevation	1

Western Perdido Bay WMP Citizen Survey

Thank you for participating!

o What group(s) are you most closely related to?



Answers	Count	Percentage
Homeowner	162	92.05%
Developer	0	0%
Government	1	0.57%
Recreational User (e.g., fishing, sailing, boating)	80	45.45%
Business	6	3.41%
Agriculture/Forestry	8	4.55%
Other	7	3.98%

Answered: 175 Skipped: 1

o If other, please list:

Ashley Campbell

From: Wade Burcham <WBurcham@Geosyntec.com>
Sent: Monday, August 15, 2022 4:33 PM
To: Wade Burcham
Subject: Meeting Tonight at 6:00 PM at the Al Thompson Community Center at 9212 County Road 97, Perdido Beach, AL 36530 - PWMP
Attachments: 20220815 - Christian Examp.pdf; 20220815 - Survey participants.pdf; 20220815 - Survey.pdf; 20220815 Survey.xlsx; 20220815 - Sign.jpg

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

Please find attached some materials that may be helpful for tonight.

6:05 Introduction
6:15 Very brief summary of the effort
6:30 Strategize regarding public meeting invitees
7:00 Adjourn / sidebar meetings

We hope to answer these questions:

1. Who should be invited to this meeting?
2. Who should invite potential participants?
3. Comments on example sign, what information would you like on it.

Public Meeting Format

The Western Perdido Bay Watershed Steering Committee met on 7/18/2022 to discuss plans for the upcoming public meeting. The group reached a consensus on the following items:

Meeting Location - Lillian Community Club

Meeting Time : Thursday 29th, 6:00 – 7:30

Format: Finger foods possibly by BCSS

1. PWMP – platform characterization/conditions 20 minutes, small groups SWOT analysis time remaining
 2. Maps –
 - i. That can be marked up
 - ii. Watershed Maps (two paper)
 - iii. Projections showing opportunities
 - iv. Displays showing water quality results
 - v. Displays showing potential management measures
 - vi. Display showing ten volunteer opportunities
- Strategic invitations
 - What is the essence of what we want the public to do? Review what has been discovered and comment on what is missing
 - What are the one or two things we want people to hear in the meeting? This ecosystem environmentally and economically important and needs community-wide informed stewardship.
 - What is our elevator speech? We need people who work, live, and play here to preserve our ecosystem's Clean Water Future through partnerships.

From: Wade Burcham

Sent: Friday, August 12, 2022 12:40 PM

To: Wade Burcham <WBurcham@Geosyntec.com>

Subject: Meeting, Monday the 15th at 6:00 PM at the Al Thompson Community Center at 9212 County Road 97, Perdido Beach, AL 36530 - PWMP

Hello all, You most likely received a meeting cancelation from Mollie. The meeting is still on, but in a different location. Mollie has purchased a Floral Boutique in Pensacola and is fulfilling that dream separately from Geosyntec. Therefore, I will send out an updated meeting request shortly. Thank you all for your participation. Also, here is the draft agenda for Monday night. Please let me know if you have any questions or comments.

6:05 Introduction
6:15 Very brief summary of the effort
6:30 Strategize regarding public meeting invitees
7:00 Adjourn / sidebar meetings

Regards,

Wade

Wade Burcham, PE LEED AP BD+C

Principal

Geosyntec Consultants, Inc.

26148 Capital Drive, Suite E

Daphne, AL, 36526

Mobile: 251.402.4146

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First	Last	Organization	Resident
Will	Underwood	ADCNR	Resource Manager
Katie	Smith	ADEM Coastal	Resource Manager
Casey	Fulford	Alabama Association of Conservation Districts	Resource Manager
Shannon	McGlynn	Alabama Department of Environmental Management	Nonpoint Source Specialist
Richard	Fields	Alabama Forestry Commission	Agriculture/Forestry
Joe	Faust	Alabama House of Representatives	
Steve	McMillan	Alabama House of Representatives	Elected Official
Harry	Shiver	Alabama House of Representatives	Elected Official
Matt	Simpson	Alabama House of Representatives	Elected Official
Chris	Elliott	Alabama State Senate	
Jason	White	ALDOT	Resource Manager
Ron	Cuny	ARK Builders	Business
Beau	Brodbeck	Auburn Extension	Agriculture/Forestry
Ryan	Mitchell	Auburn Extension	Agriculture/Forestry
William	Rowe	Auburn Extension	Agriculture/Forestry
Lisa	Adams	Baldwin County	Resident
Joe	Davis	Baldwin County Commission	Elected Official
Charles F. "Skip"	Gruber	Baldwin County Commission	Elected Official
Billie Jo	Underwood	Baldwin County Commission	Elected Official
Lee	Lawson	Baldwin County Economic Development Alliance	Business
Danon	Hoagland-Smith	Baldwin County Emergency Management	Municipality
Joey	Nunnally	Baldwin County Highway Department	Municipality
Cliff	McCollum	Baldwin County Legislative Delegation	Director
Ashley	Campbell	Baldwin County Planning & Zoning, NRP	Municipality
Eddie	Tyler	Baldwin County Public Schools	Education
Jennifer	Foutch	Baldwin County Realtors	Business
Melissa	Nolte	Barnwell	Civic Group
Joel	Coleman	Bellator	Developer
Hanh	Pau	Bellator	Realtor
		Builders	
Grey	Cane	CCA/AWF	Civic Group
Jason	Langley	City of Fairhope Public Utilities	Utilities
Paul	Brennan	Clean Water Alabama	

Craig	Pouncey	Coastal AL Community College	Education
Schuyler	Huff	Coastal Alabama Community College	Resident
James	Theeuwes	Coastal Alabama Community College	Resident
Rance	Reehl	Coldwell Banker/Reehl Properties	Business
Elizabeth	Roney	Congressman Jerry Carl's Office	District Director
Ron	Scott	Daphne City Council	Elected Official
Tim	Patton	Daphne Utilities	Utilities
Richard	Davis	Davis & Fields, P.C.	Business
Teal	Corte	Developer	Developer
Kevin	Harrison	Eastern Shore MPO, SARPC	Civic Group
Kevin	Harrison	Eastern Shore MPO, SARPC	Civic Group
Elizabeth	Tonsmeire	Environmental Expertise	Resident
Amy	Paulson	ESA	WMP Team
Chris	Warn	ESA	WMP Team
Gary	Gover	Fairhope Environmental Advisory Board	Resident
Sean	Saye	Fairhope Marina	Municipality
		Fire Department	
Steve	Harbin, Jr.	Forestar	Developer
Guy	Busby	Gulf Coast Media	Business
Mike	Saucier	Gulf States RE	Developer
Patrick	Gormandy	Heritage Seafood	Business
Anna	Miller	Keen Living	Business
John	Lake	Lake Forest POA	Civic Group
David	Tischer	Landmark	Developer
Larry	Chason	Lands of America	Business
Randy	Davis	M&R	WMP Team
Kelley	Barfoot	MBNEP	WMP Team
Christian	Miller	MBNEP	WMP Team
Henry	Perkins	MBNEP	WMP Team
Roberta	Swann	MBNEP	WMP Team
Cade	Kistler	Mobile Baykeeper	Resource Manager
Cade	Kistler	Mobile Baykeeper	Resource Manager
William	Strickland	Mobile Baykeeper	Resource Manager
Bo	Nichols	Nichols Real Estate	Business

		Realtors	
Lee	Yokel	Resident Daphne	Resident
Sam	Williams	Riviera Utilities	Utilities
Tera	Johnson	Senator Richard Shelby's Office	Staff Assistant
Andrew	Hinkebein	Senator Tommy Tuberville's Office	Regional Director
Andrew	Hinkebein	Senator Tommy Tuberville's Office	Regional Director
Monica	Young	SHORT the Squirrel??	Education
Connie	Whitaker	South Alabama Land Trust	Resource Manager
John F. "Rickey"	Rhodes	South Alabama Regional Planning Commission	Executive Director
Bill	Mitchell	Stuart Contracting	Business
Patrick	Wilson	Stuart Contracting	Business
Will	Lowery	TerraCore Development Services	Business
Nicole	Love	Thompson Engineering	WMP Team
AMERICA (AMY)	TICKLE	TICKLE CREATIVE COMPANY	Developer
JASON	TICKLE	TICKLE CREATIVE COMPANY	Developer
Clarice	Hall-Black	Twin Beech	Civic Group
Tommy	Tuberville	United States Senate	Elected Official
Brad	Crosson	USACOE	Resource Manager
Joey	Koptis	USDA/NRCS	Agriculture/Forestry
Joey	Koptis	USDA/NRCS	Agriculture/Forestry
Morgan	Brizendine	USFWS	Resource Manager
Al	Guarisco	Village Point Park Preserve	Civic Group
Barry	Vittor	Vittor and Associates	WMP Team
Gena	Todia	Wetland Resources	Resource Manager
Nigel	Temple	WSP/Fairhope Environmental Advisory Board	Resident
Neil	Johnston	Y-Weeks	Business
Jerry	Carl	U.S. Representative	
Rick	Pate	AL Commissioner of Ag and Industries	
Teddy	Faust	Baldwin County Revenue Commissioner	
Alan	Baker	State Legislator	
Greg	Albitton	State Legislator	

Meeting Notes

Western Perdido Bay Watershed Management Plan Steering Committee

Lillian Fire Station #2

March 2, 2023

Attending: Lani Cameron
Michael Smith
Ashley Campbell
Christian Miller
Wade Burcham



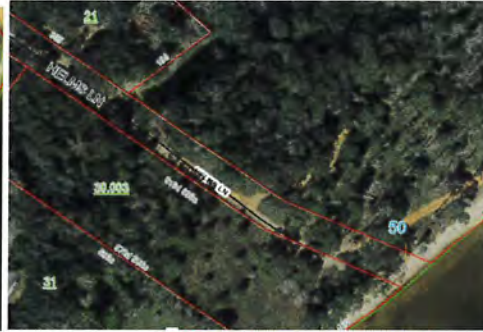
Discussion:

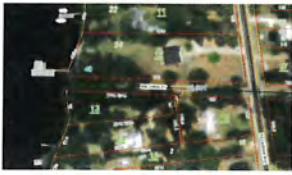
1. Discussed current plan progress and expectations for completion.
2. Discussed possible options for the implementation team. Specifically, if they should form a new organization or consider joining another existing organization.
3. The team requested some facts that could be used to raise awareness. One fact could be as follows:
 - a. Did you know that MBNEP wants to install ten signs along roadways entering the Western Perdido Bay Watershed? We want to know where you would put them. A watershed is the area of land that drains or “sheds” water into a specific waterbody. You can find your watershed by going to [What Watershed do you live in? \(mobilebaynep.com\)](https://www.mobilebaynep.com). The Western Perdido Bay Watershed Planning Complex comprises the Bridge and Palmetto Creek Watersheds. The Western Perdido Bay Watershed Areas include Palmetto Creek, Patterson Branch, Soldier Creek, and Spring Branch. Installing signage allows the community to know their waterways and become educated on the watershed. Understanding that every stream is part of a larger system is the first step in taking ownership of the role everyone plays in water quality. So, do you have any recommendations on where these signs should be placed?
4. The team requested survey respondents' names and email addresses who indicated they would like to receive information regarding the planning.
5. The draft management measure summary was presented. The remainder of the meeting was devoted to comments regarding the list, as noted below.
6. It was noted that there is no public access between Spanish Cove and Redfish Point. Ashley indicated that some public roads provide access to the bay. It was discussed that some people have started using those areas as their own and even installing signage to discourage the public use of their roads. The tax map corroborates these points. Public rights-of-way can provide access to the bay and opportunities for small, efficient pocket parks and kayak access. Potential locations include:
 - a. 7th Street
 - b. Helms Lane
 - c. Juniper Street
 - d. Cedar Street
 - e. Noble Street

- f. County Road 99 Bridge Crossing
 - g. Montgomery Ave
 - h. Pensacola Ave
 - i. Mobile Ave
 - j. Escambia Ave
 - k. Magnolia Steet
7. Ashley indicated that South Alabama Land Trust was in talks to obtain some land along the bay referred to as the Boykin Parcel. The production team should check with them and ensure this area is included. Wade later contacted Connie Whittaker for confirmation.
 8. It was discussed that the project team should emphasize the value of conservation areas that include priority habitats.
 9. It was discussed that the entire watershed is zoned. A management measure that could be considered is enhancing the wetlands ordinance. One county community recently successfully passed a measure that prevented filling any wetlands greater than 0.1 acres in size.
 10. It was noted that the watersheds have dirt roads that discharge turbidity and sediment that should be addressed. The management measures should include roads in The Town of Perdido Beach, Rosalia Ave, and others. Some roads, such as Rosalia Ave and roadways in the Town of Perdido Beach, are closely situated to critical habitats and should be emphasized. Route Road is also unpaved but has a larger separation between it and the wetlands.
 11. The idea of Oyster Gardening came up. It was discussed that there would likely be residents that would participate in such a program, it is thought that this would likely not be successful north of Spanish Cove. It was also discussed that these waters are unclassified for oysters, which could present an obstacle.
 12. The prevalence of litter was discussed. The consensus was that litter is not a major concern. A more notable concern is abandoned buildings and vehicles. Ashley advised that there are regulations that the County could enforce to aid this situation. However, they are busy addressing complaints and rarely have time to patrol the area for such issues. Complaints of violations that the community can provide give issues a higher priority.
 13. It was discussed that the County should have a more transparent planning process. Ashley said that measures are already in place to allow citizens to see requests for zoning and developments online at the citizen service center.
 14. It was discussed that any additional comments should be received by early next week. There will be other times to comment on the plan, but this is the most effective time to provide comments.



A map of pending Planning & Zoning permits over the past three months from Citizen Serve.





5.2.2.4

Eastern Shore of Mobile Bay Watershed

Eastern Shore Watershed Management Plan Stakeholder Workshop

Date: May 25, 2022

Time: 9am-noon

Location: Daphne Civic Center

Objectives: (1) Share the results of our research. (2) Make sure the recommendations presented address stakeholder concerns. (3) Agree on how implement the recommendations.

Agenda

9:00-9:20 **Coffee and pastries**

9:20-10:20 **Welcome and Opening Presentation**

Presentation: *What have we learned, what we are recommending.*

10:30-11:00 **Breakout Groups**

Break into small groups with similar goals: agriculture & forestry, environmentalist organization leaders, environmental scientists, developers, engineers, businesses, elected officials, city/county staff, and residents. Each group works together discuss and prioritize recommendations and develop next steps to implement those recommendations.

11:00-11:45 **Report Out from Breakout Groups**

Each group reports out to all attendees.
Entire group discusses key takeaways.

11:45-noon **Wrap-up**

Eastern Shore WMP Small Stakeholder meetings
Ashley Campbell recommendations

Point Clear/Houstonville/Barnwell

Clarice Hall-Black
Planning District 26, Planning District 19 & 8 -Zoning Committees
251-454-7714

Point Clear POV

1. Patrick Peterson
6030 Peterson Place
Point Clear, AL 36564
251-689-0457
Email?
2. Willard Holliman
6141 Ponder Rd
Point Clear, AL 36564
251-222-6521
willardholliman@gmail.com
3. Mary Agee Rigsby
6497 Agee Lane
Point Clear, AL 36564
251-599-5964
mrjr99@bellsouth.net
4. Shelia Williams
6790 County Road 32
Point Clear, AL 36564
251-272-0981
wsheila179@gmail.com
5. John Parker
6. Point Clear Stables
Craig Miller
6475 Willowbridge Drive
Fairhope, Al 36532
7. Polo Ridge POA
Ginger MacMicking
251-610-2363
glmacgma@gmail.com

Houstonville POV

1. Jamal Allen
6320 Antioch Church Road East
Fairhope, AL 36532
251-600-9014
jayaln10@gmail.com
2. Ann Coleman Bell (**Katherine Bell**)
6355 Old Marlow Rd
Fairhope, AL 36532
251-767-0812
trinty675@gmail.com
3. Valarie H. Montgomery
8634 Wimbledon Ct
Spanish Fort, AL 36527
251-423-2838
vgirl1@hotmail.com

Barnwell POV

1. Melissa Nolte
Barnwell Community Leaders
barnwellcommunityorg@gmail.com
251-654-8615
2. Chief Roy Glenn
Barnwell Volunteer Fire Department
Fairhope, Alabama
Station: (251) 928-9732
Barnwellvolfire@bellsouth.net

Natural Resources/Local utilities/etc.

1. Angela Underwood
Acting Manager
Weeks Bay NEER
Angela.Underwood@dcnr.alabama.gov
2. Jason White
ALDOT
Environmental Coordinator
whitejoh@dot.state.al.us
3. Katie Smith
ADEM Coastal
katiem.smith@adem.alabama.gov
4. Will Underwood
ADCNR State Lands

will.underwood@dcnr.alabama.gov

5. Brad Crosson
USACE
steven.b.crosson@usace.army.mil

Fairhope/Daphne Business/Civic Group POV

1. Selena Vaughn
Daphne Beautification Board
Village Point Foundation
selenacvaughn@att.net
2. Alex Robinson
Fairhope Downtown Merchants Association
alexvrobinson@gmail.com
3. Montrose Garden Club (**Google Search**)
Lois A Boykin
PO Box 583
Montrose, Al 36559
7325 Sibley Street
Montrose, Al 36559
251-928-7783
manager@montroselockandstore.com
4. Clyde Jones
Macedonia Baptist Church
Nicole has his contact info.

Table 8.1 Alabama Department of Environmental Management Water Quality Criteria by Use Classification

Regulatory Requirement	Regulatory Authority/Permitting Agency	Jurisdiction
Alabama Coastal Area Act 534 (1976)	Alabama Department of Conservation and Natural Resources, State Lands Division	State
Alabama Coastal Area Management Program (ACAMP)	ADEM, Alabama Department of Conservation and Natural Resources, State Lands Division	State
Alabama Environmental Management Act (1982)	ADEM, ACAMP, and Alabama Department of Economic and Community Affairs	State
Alabama Water Pollution Control Act	ADEM • Alabama Code Section 22-22-1	State
Clean Water Act: Section 303(d) (1972)	USEPA and ADEM • Impaired Waters List/TMDLs	Federal and State
Clean Water Act: Section 401 (1972)	USEPA and ADEM • State Water Quality Criteria • ADEM Administrative Code 335-6-10	Federal and State
Clean Water Act: Section 402 (1972)	USEPA and ADEM • National Pollutant Discharge Elimination System (NPDES) • ADEM Administrative Code 335-6-6	Federal and State
Clean Water Act: Section 404 (1972)	USACE • "Waters of the U.S."	Federal
Clean Water Act: Section 319 (1972)	Non-point Source Pollution Program	Federal and State
	NOAA, USACE, and ACAMP	Federal and State

Coastal Zone Management Act (1972)	• Form 166, Coastal Consistency	
Code of Alabama 1975: Title 9, Title 22, Title 35	ADEM, Alabama State Legislature • Title 9, Chapter 7 • Title 22, Chapters 22, 23, 24, 25, 27, 28, 30 (A-F), 34, 35, 36, 37, 38, 40 • Title 35, Chapter 19	State
Construction Site Erosion and Stormwater Management	ADEM • NPDES General Permit Number ALR100000	State
Executive Order Number 43 (2001)	ACAMP and Alabama Department of Conservation and Natural Resources, State Lands Division	State
Federal Water Pollution Control Act (1948, 1972, 1977)	Federal Law	Federal
Rivers and Harbors Act of 1899	Section 10 - 33 U.S.C. 403	Federal

NOTES: ADEM = Alabama Department of Environmental Management; USEPA = U.S. Environmental Protection Agency; NOAA = National Oceanic and Atmospheric Administration; NPDES = National Pollutant Discharge Elimination System; TMDL = total maximum daily load; USACE = U.S. Army Corps of Engineers.

Federal, State, and local governments are all in the process of planning to change, developing proposed changes to, or have changed their existing regulatory procedures. Examples of such changes to regulations and requirements for compliance during the 2020-2023 WMP period include:

- 2021 Nationwide Permits – USACE modified twelve (12) existing nationwide permits (NWP) and issued four (4) new Nationwide Permits within this time frame. Sixteen (16) of the Nationwide Permits had a modification to the general conditions and definitions. The revised permits went into effect on March 15, 2021.
 - a. Revised permits included: NWP’s 21, 29, 39, 40, 42, 43, 44, 50, 51 and 52. These NWP have been revised to remove the 300-linear-foot limit for losses of stream bed. The limit for losses of WOTUS for each of these permits remains at 0.5 acre. Mitigation General Condition 23 was modified to include a requirement for compensatory mitigation for stream bed losses exceeding 3/100-acre.
 - i. NWP 48 was revised to provide for greater flexibility in its use for commercial shellfish mariculture activities. This NWP authorizes new operations as well as existing operations where operations are seeking permission to continue on-going shellfish cultivation activities. A preconstruction notification (PCN) has been added

to this final NWP for all direct impacts to submerged aquatic vegetation greater than 0.5 acre.

- b. New NWP's issued consist of NWP's 55, 56, 57, and 58
 - i. NWP 55 – authorizes structures in marine and estuarine waters including structures anchored to the seabed on the Outer Continental Shelf, for the purpose of seaweed mariculture activities. Shellfish production proponents have been integrated in these activities if those actions are on the same structure or a structure that is part of the same project.
 - ii. WP 56 – authorizes structures in marine and estuarine waters, including structures anchored to the seabed on the Outer Continental Shelf, for the purpose of finfish mariculture activities. Shellfish and seaweed production proponents have been integrated in these activities if those actions are on the same structure or a structure that is part of the same project.
 - iii. NWP 57 – authorizes activities required for the construction, maintenance, repair and removal of electric utility lines, telecommunication lines, and associated facilities in WOTUS. There is a 0.5-acre limit for losses of WOTUS for each single and complete project.
 - iv. NWP 58 – authorizes activities required for the construction, maintenance, repair, and removal of utility lines for water and other substances, excluding oil, natural gas, products derived from oil or natural gas, and electricity. Associated utility line facilities, such as substations, access roads, and foundations for above-ground utility lines, in WOTUS, are authorized provided that the activity does not result I the loss of greater than 0.5 acre of WOTUS for each single and complete project.

Tables 8.2 through 8.7 provide a summary of Federal, State, and local permits and ordinances required for certain activities within the Watershed.

Table 8.2 Federal Permits: US Army Corps of Engineers, Mobile District, Nationwide Permit Program – Expires 2026

Permit	Activity
NWP 1	Aids to Navigation
NWP 2	Structures in Artificial Canals
NWP 3	Maintenance
NWP 5	Scientific Measurement Devices
NWP 6	Survey Activities
NWP 7	Outfall Structures and Associated Intake Structures
NWP 9	Structures in Fleeting and Anchorage Areas
NWP 10	Mooring Buoys
NWP 11	Temporary Recreational Structures
NWP 12	Oil or Natural Gas Pipeline Activities
NWP 13	Bank Stabilization
NWP 14	Linear Transportation Projects
NWP 15	US Coast Guard Approved Bridges
NWP 16	Return Water from Upland Contained Disposal Areas

NWP 18	Minor Discharges
NWP 19	Minor Dredging
NWP 20	Response Operations for Oil or Hazardous Substances
NWP 22	Removal of Vessels
NWP 23	Approved Categorical Exclusions
NWP 24	Indian Tribe of State Administered Section 404 Program
NWP 25	Structural Discharges
NWP 27	Aquatic Habitat Restoration, Enhancement and Establishment Activities
NWP 28	Modifications of Existing Marinas
NWP 29	Residential Developments
NWP 30	Moist Soil Management for Wildlife
NWP 31	Maintenance of Existing Flood Control Facilities
NWP 32	Completed Enforcement Actions
NWP 33	Temporary Construction, Access and Dewatering
NWP 42	Recreational Facilities
NWP 43	Stormwater Management Facilities
NWP 45	Repair of Uplands Damaged by Discrete Events
NWP 46	Discharges in Ditches
NWP 48	Commercial Shellfish Mariculture Activities
NOTE: NWP = Nationwide Permit.	

Table 8.3 Federal Permits: US Army Corps of Engineers, Mobile District, General Permit Program – Expires October 1, 2026

Permit	Activity
ALGP-01	Excavated Boat Slips
ALGP-02	Maintenance Dredging
ALGP-03	New Work Channel Dredging
ALGP-04	Debris Removal
ALGP-05	Piers, Wharves, and their Normal Appurtenances
ALGP-06	Boat Shelters, Gazebos, Hoists
ALGP-07	Boat Ramps and Marine Ways
ALGP-08	Mooring Pilings, Dolphins, and Single-Pile Structures
ALGP-09	Oyster Reefs - reserved
ALGP-10	Living Shorelines
ALGP-11	Shoreline and Bank Stabilization and Protection
ALGP-12	Maintenance Dredging of Man-made Ditches
ALGP-13	Filling of Previously Dredged Area
ALGP-14 through 16	Reserved

ALGP-17	Creation and Maintenance of Firebreaks in Wildlife Management Areas, Refuges, and Parks - reserved
ALGP-18	Clear Areas for Wildlife Management in Wildlife Management Areas, Refuges, and Parks - reserved
ALGP-19	Agricultural Type Activities for the Creation of Habitat or Food Plots in Wildlife Management Areas, Refuges, and Parks - reserved
ALGP-20	Water Management in Wildlife Management Areas, Refuges, and Parks - reserved
ALGP-21-23	Reserved
ALGP-24	Piers, Decks, and their Normal Appurtenances within boundary of Weeks Bay National Estuarine Research Reserve
ALGP-25	Mooring Pilings and/or Boat Hoists within boundary of Weeks Bay National Estuarine Research Reserve
ALGP-26	Shoreline/Bank Protection within boundary of Weeks Bay National Estuarine Research Reserve

Table 8.4 State Permits: Alabama Department of Environmental Management

Permit	Activity	Expiration
ALR100000	Discharges from construction activities that result in a total land disturbance of 1 acre or greater and sites less than 1 acre but are part of a common plan of development or sale	March 31, 2026
ALR040000	Stormwater discharges from regulated small Municipal Separate Storm Sewer System Phase II	September 30, 2026
ALS000006	Stormwater Discharges from Alabama Department of Transportation's Municipal Separate Storm Sewer System	September 30, 2024
ALG030000	Discharges associated with boat and ship building and repair industries (including offshore oil and gas well drilling and production platforms building and repair) consisting of storm water, non-contact cooling water, uncontaminated condensate, cooling tower blowdown, boiler blowdown, demineralizer wastewater, treated sanitary wastewater, bilge/ballast water, wash water, hydrostatic and pressure test water, hydroblast water (not including wet abrasive blast water), and storm water from fueling, petroleum storage and handling, equipment storage, and maintenance areas	September 30, 2027
ALG060000	Discharges associated with lumber, wood, and paper products industry (not including wood preserving operations) consisting of storm water, process water from wet decking, non-contact cooling water, uncontaminated condensate, cooling tower and boiler blowdown, demineralizer wastewater, exterior vehicle and equipment wash water and storm water from	June 30, 2027

	petroleum storage and handling, fueling, and equipment storage and maintenance areas	
ALG110000	Discharges from concrete batch plants (not including storm water or process wastewater discharges from cement manufacturing)	August 31, 2027
ALG120000	Discharges associated with primary metals, metal finishing, fabricated metal products, industrial commercial machinery, electronic equipment, transportation equipment, measuring and analyzing instruments, and foundries, consisting of stormwater, hydrostatic test water from new containers, non-contact cooling water, uncontaminated condensate, cooling tower blowdown, boiler blowdown, demineralizer wastewater, vehicle and equipment exterior washing operations, and stormwater from fueling, petroleum storage and handling, equipment storage, and maintenance areas	September 30, 2027
ALG140000	Discharges associated with transportation industries and warehousing consisting of storm water; non-contact cooling water; uncontaminated condensate; cooling tower blowdown; boiler blowdown; demineralizer wastewater; vehicle and equipment wash-water; storm water from fueling, petroleum storage and handling, equipment storage, maintenance areas; and wastewater associated with airfield pavement deicing from existing and new primary airports with 1,000 or more annual jet (non-propeller aircraft) departures.	September 30, 2027
ALG150000	Discharges associated with food and kindred products industries consisting of stormwater, non-contact cooling water, uncontaminated condensate, cooling tower and boiler blowdown, demineralizer wastewater, exterior vehicle and equipment wash-water and stormwater from petroleum and non-petroleum oil storage and handling, fueling, equipment storage and maintenance areas.	May 31, 2027
ALG160000	Discharges of storm water (not containing leachate) from active and inactive landfills, transfer stations, and land disturbance activities associated with opening and closing cells at landfills; discharges of vehicle and equipment exterior wash water; and discharges of storm water from fueling, petroleum storage and handling, equipment storage, and maintenance areas	January 31, 2027
ALG170000	Storm water discharges associated with the manufacturing and storage of paints, varnishes, lacquers, enamels, and allied products; non-contact cooling water, uncontaminated condensate, cooling tower blowdown, boiler blowdown, demineralizer wastewater, vehicle and equipment exterior washing operations; and storm water from fueling, petroleum storage and handling, equipment storage, and maintenance areas	September 30, 2027

ALG180000	Discharges associated with the salvage and recycling industry consisting of storm water, non-contact cooling water, uncontaminated condensate; cooling tower and boiler blowdown, demineralizer wastewater, vehicle and equipment exterior washing operations, and storm water from fueling, petroleum storage and handling, equipment storage, and maintenance areas	September 30, 2027
ALG200000	Discharges associated with the plastic and rubber industry (excluding industries covered under 40 CFR part 414-organic chemical, plastics, and synthetic fiber industries) consisting of storm water, non-contact cooling water, uncontaminated condensate, cooling tower blowdown, boiler blowdown, demineralizer wastewater, vehicle and equipment exterior washing operations; and storm water from petroleum storage and handling, equipment storage, and maintenance areas	September 30, 2027
ALG230000	Discharges associated with the stone, glass, and clay industry consisting of storm water, non-contact cooling water, uncontaminated condensate, cooling tower blowdown, boiler blowdown, demineralizer wastewater, vehicle and equipment exterior washing operations; and storm water from fueling, petroleum storage and handling, equipment storage, and maintenance areas	September 30, 2027
ALG240000	Discharges associated with the textile industry consisting of non-contact cooling water, uncontaminated condensate, cooling tower blowdown, boiler blowdown, demineralizer wastewater, vehicle and equipment exterior washing operations; and storm water from fueling, petroleum storage and handling, equipment storage, and maintenance areas	September 30, 2027
ALG250000	Discharges of non-contact cooling water, cooling tower blowdown, uncontaminated condensate, and boiler blowdown with and without demineralizer wastewater (steam electric power plants are excluded from coverage under this permit.)	March 31, 2027
ALG280000	Wastewater associated with offshore oil and gas exploration and production activities. Specifically, the permit authorizes the discharge of deck drainage from platform complexes, remote well structures, pigging platforms, temporary rigs, floating construction facilities and waste collection barges; treated sanitary and domestic wastewater of less than 10,000 gallons per day; noncontact cooling water and boiler blowdown; and low volume miscellaneous discharges. The discharge of well treatment, completion, and workover fluids; produced sand; produced water; drilling muds and cuttings; and discharges incidental to the normal and proper operation of a vessel while being used as a means of transportation are not authorized by this	March 31, 2025

	permit, nor are any discharges to areas of biological concern	
ALG340000	Discharges associated with petroleum products or its derivatives consisting of groundwater and/or stormwater incidental to groundwater cleanup operations which has been contaminated with automotive gasoline, aviation fuel, jet fuel, or diesel fuel; storm water runoff from petroleum storage and fueling areas; uncontaminated storm water from fueling, petroleum storage and handling, equipment storage, and maintenance areas; vehicle and equipment exterior washing operations (excluding commercial car washes) that do not use solvents; and hydrostatic test water generated on-site.	January 31, 2027
ALG360000	Discharges associated with cooling water and filter backwash, sumps and drains; oil water separators; treated sanitary wastewater; pretreated drilling supernate; uncontaminated stormwater associated with hydroelectric generating facilities; and wastewater resulting from maintenance and repair activities associated with cleaning, pressure washing, blasting and painting of structures over water.	January 31, 2026
ALG640000	Discharges of filter backwash, sedimentation basin wash water, and decant water from water treatment plants (discharges from water treatment plants that use ion-exchange or reverse osmosis are not covered by this general permit.)	June 30, 2023
ALG670000	Discharges associated with hydrostatic test waters from new and existing petroleum and natural gas pipelines	September 30, 2027
ALG850000	Discharges from the mining and processing (wet or dry) of construction sand and gravel, chert, dirt, and/or red clay, and areas associated with these activities	May 31, 2027
ALG870000	Discharges from the application of pesticides	October 30, 2021*
ALG890000 (<5 Acre Small Mining)	Discharges from small non-coal/non-metallic mining and dry processing and areas associated with these activities.	January 31, 2023

*Note: Not updated as of 12/28/22

Table 8.5 City of Daphne: Local Ordinances

Ordinance/Resolution	Purpose
Ordinance 2008-054	Ordinance regulating erosion and sediment control for residential dwellings and other land disturbances within the City of Daphne.
Ordinance 2011-54	Land Use and Development Ordinance
Ordinance 2014-14	Construction Best Management Practices Plan (CBMPP). Ordinance regulating construction best management practices for residential dwellings and other land disturbance within the City of Daphne.

Ordinance 2018-08	Appropriation: Invasive Species Control for Bayfront and Village Point Wetland Areas.
Ordinance 2022-19	180-day extension of Ordinance 2022-45 moratorium
Ordinance 2019-21	Flood Damage Prevention Ordinance: Ordinance to promote public health, safety and general welfare and to minimize public and private losses due to flood conditions in specific areas.
Ordinance 2021-45	Moratorium of applications for rezoning or pre-zoning that would result in the development of multi-family dwelling units to include apartments, townhouses, condominiums, duplexes, mid-rise condominiums, and high-rise condominiums.
Ordinance 2022-51	Revisions to the City of Daphne Land Use and Development Ordinances
Ordinance 2022-62	Amendment to Ordinance 2011-54 for Minimum Standards and Required improvements for subdivisions and commercial site developments. Drainage, stormwater, management facilities and erosion/sediment control.

Table 8.6 City of Fairhope: Local Ordinances

Ordinance/Resolution	Purpose
Ordinance 958	Ordinance pertaining to collection and disposal of construction waste and other deposits.
Ordinance 1081	Ordinance making discharge of any pollutant that will have a deleterious impact on the environment into a City of Fairhope municipal separate storm sewer system (stormwater system) unlawful.
Ordinance 1253	Ordinance pursuant to the Comprehensive Plan of the City of Fairhope to 1) lessen congestions in the streets; 2) secure safety from fire, panic, and other dangers; 3) promote health and general welfare; 4) to provide adequate light and air; and 5) prevent overcrowding of land.
Ordinance 1370	Ordinance relating to the issuance of land disturbance permits for activities that may result in the loss, fill or destruction of wetlands within the City limits and the City's building permitting jurisdiction.
Ordinance 1398	Ordinance to codifying that erosion control practices, sediment control practices, and waterway crossings shall meet the design criteria set forth in the most recent version of the <i>Alabama Handbook</i> and shall be adequate to prevent transportation of sediment from the site to the satisfaction of the City.
Ordinance 1423	Ordinance to protect the water quality and environmental integrity of the watershed within the Fairhope permitting jurisdiction, specifically by limiting the use of red soil (clay and silt) which may harm aquatic plants or marine life, from being used in critical and coastal areas.
Ordinance 1444	Ordinance to define landscaping regulations and protocols for the City of Fairhope for the purpose of protecting existing vegetation and encouraging the planting and maintenance of additional vegetation within the City. Established the Fairhope Tree Committee to assist the City with recommendations.
Ordinance 1735	Ordinance declaring a moratorium on the filing of subdivision and multiple occupancy project applications outside of the city limits within the planning jurisdiction for 12 months from time of adoption.

Ordinance 1745 Connection fees for metered connections to the water system. Where 100% of the connection fees should be used for Capital replacements and improvements to the water system only.

Ordinance 1962 An ordinance making it unlawful for any person to sweep, rake, throw or otherwise deposit any waste matter or any other substance commonly known as garbage, trash or rubbish into or on the streets, alleys, parks, beaches, sidewalks or other public places in the city, or on the property of another without the consent of the property owner.

Note: The City of Fairhope is undergoing a Comprehensive Land Use Plan update as of February 2023

Table 8.7 Baldwin County: Local Ordinances

Ordinance/Resolution	Purpose
Baldwin County Master Plan 2013*	Guidance document for elected and appointed officials, staff and citizens in efforts to manage growth and development in the county with regards to land uses and zoning in particular, as well as the development of public improvements and infrastructure.
Land Disturbance Ordinance for Flood Prone Areas or Territories with Probable Exposure to Flooding in Unincorporated Baldwin County	To promote the public health, safety and general welfare and to minimize public and private losses on land with probable exposure to flooding, pursuant to Alabama Code 11-19-4, by land use provisions designed to: 1) control filling, grading, dredging and similar land disturbance activities which may increase flood damage or erosion; 2) prevent or regulate the construction of flood barriers which will unnaturally divert flood waters or which may increase flood hazards to other lands; and 3) control the alteration of natural floodplains, stream channels, and natural protective barriers which are involved in the accommodation of flood waters.
Baldwin County Subdivision Regulations, October 2021	To establish procedures and standards for the development of subdivisions or proposed additions to existing subdivisions within the subdivision jurisdiction of Baldwin County in an effort to regulate the minimum size of lots, the planning and construction of all public streets, public roads, drainage structures, and to require the proper placement of public utilities.
Baldwin County Zoning Ordinance, October 2022	Ordinance to encourage the use of lands and natural resources in Baldwin County in accordance with their character and adaptability; to limit the improper use of land; to provide for the orderly development and growth of Baldwin County; to reduce hazards to life and property; to establish the location and size of and the specific uses for which dwellings, buildings and structures may hereafter be erected or altered, and the minimum open spaces and sanitary, safety and protective measures that shall be required for such buildings, dwellings, and structures; to avoid congestion on the public roads and streets; to provide safety in traffic and vehicular parking; to facilitate the development of an adequate system of transportation, education, recreation, sewage disposal, safe and sufficient water supply and other public requirements; to conserve life, property and natural resources and the expenditure of funds for public improvements and services to conform with the most advantageous uses of land, resources and

properties, for the general good and benefit to the people of Baldwin County.

**Currently undergoing revision as of February 2023 (link for draft plan <https://www.baldwinourvision.com/>)*

8.2 Overview of Laws, Regulations and Ordinances

Actions, permitting, restrictions, studies and funding, even the watershed planning process, are all driven by legal authorities (sometimes several layers thick), legal documents (rules, regulations, ordinances, RFPs, studies, management plans, case law/rulings/judgments, notice and rulemaking procedures, etc.), legal criteria and legal rights (private, public, government, political, riparian, littoral). Although the following descriptions and details of specific laws, rules, regulations, and permits will be separated for convenience, in reality, they overlap with much interplay, imposing various conditions and requirements and creating conflicting situations from time to time. The level of jurisdictional authority and interagency cooperation varies across each category.

This section provides a general overview of what standards apply in the Watershed. It does not include a comprehensive list of accounting for every relevant statutory provision. For more specific information, please reference the regulatory requirements listed in **Table 8.1**. Keep in mind that governing procedures related to federal oversight, state coastal management programs, and surface water protection, including wetlands, are periodically updated over time. You can also read more about the South Alabama Regulatory Review at https://www.mobilebaynep.com/assets/pdf/Final-South-AL-Stormwater-Regulatory-Review-Update_w-appendicies.pdf.

8.2.1 Federal Authorities

The Federal Water Pollution Control Act and the Clean Water Act (CWA) amendments provide the basis for the primary federal regulatory and permitting procedures relating to stormwater management within the Eastern Shore Watershed. The following specific CWA sections are particularly pertinent to controlling stormwater runoff, erosion, and sedimentation problems within the Watershed.

Federal Water Pollution Control Act. The Federal Water Pollution Control Act (FWPCA) was enacted in 1948 and was significantly reorganized and expanded in 1972. In 1977, when the amendments were added, the FWPCA became known as simply the Clean Water Act (CWA). The CWA establishes the basic structure for regulating discharges of pollutants into the WOTUS and regulating water quality standards for surface waters. The CWA and its amendments provide the basis for the primary federal regulatory and permitting procedures relating to water quality, stormwater management, and the discharge of dredge and fill materials into jurisdictional WOTUS. The most applicable sections of the CWA related to controlling stormwater runoff and erosion and sedimentation within the Watershed are listed below.

Clean Water Act Section 303(d). Under CWA Section 303(d) of the 1972 CWA, states, territories, and authorized tribes are required to develop lists of impaired waters. These impaired waters are waters that do not meet the water quality standards that states, territories, and authorized tribes have set for them, even after point sources of pollution have installed the minimum required levels of pollution control technology. The law requires that these jurisdictions establish priority rankings for waters on the lists and develop “total maximum daily loads” (TMDLs) for these waters. The TMDLs are used to establish limits for the amount and type of pollutant discharges that the receiving streams can handle without experiencing further degradation. Once a stream or stream segment has been classified as impaired (i.e., listed on the State's 303(d) list) for the contaminant identified, EPA and ADEM must inspect and sample the water to determine the amount or limit of the loading to the stream. The Alabama Section 303(d) list

is required to be updated every two years. The most current list can be accessed at <https://adem.alabama.gov/programs/water/303d.cnt>. Waterbodies within the Watershed that are listed on the Alabama Section 303(d) list are identified and discussed in **Chapter 2.0**.

Clean Water Act Section 401 (33 USC Section 1341) and Clean Water Act Section 401(a). All CWA Section 404 permit applications, pursuant to CWA Section 401(a), must be submitted to ADEM for review of the proposal's consistency with the State's water quality program. ADEM reviews applications to ensure the proposed discharge of dredged or fill material will not cause or contribute to a violation of State water quality standards as outlined in ADEM Administrative Code R. 335-6-10.

Clean Water Act Section 402. Section 402 of the CWA authorizes permitting under the NPDES program with EPA having primary permitting authority. The NPDES program requires dischargers to obtain permits before discharging pollutants into WOTUS (40 CFR 122). The NPDES program covers point source discharges from the following:

- Industrial facilities
- Municipal Separate Storm Sewer Systems (MS4s)
- Concentrated animal feeding operations (CAFO)
- Publicly owned treatment works (POTW)
- Combined sewer overflows (CSO) and sanitary sewer overflows (SSO)
- Construction
- Non-coal/non-metallic mining and dry processing less than five acres, other land disturbance activities, and areas associated with these activities

EPA has delegated the authority to administer the NPDES program to ADEM, who by ADEM Admin. Code Reg. 335-6-6 regulates and permits certain point source discharges. By ADEM Admin. Code Reg. 335-6-12, ADEM regulates discharges from construction sites and land clearing; imposes requirements for erosion and sediment control and the use and maintenance of best management practices, and imposes requirements for inspections, reporting, and enforcement. In December 2009, EPA issued a Final Rule addressing a phased-in program for numeric and non-numeric effluent limits on sediment/erosion control at construction sites, focusing on stormwater discharge turbidity. (74 Fed. Reg. 62996; 40 CFR 450).

The EPA promulgated the *Effluent Limitations Guidelines and Standards for the Construction and Development Point Source Category* rule in December 2009 and amended May 2015 (EPA, 2015). These regulations cover stormwater discharges from construction sites and are implemented in the NPDES permit program. Through the NPDES permit program, discharges from construction sites and land clearing are regulated by the ADEM Construction General Permit, ALR100000 (effective April 1, 2016). This permit applies to construction activities resulting in land disturbance of one acre or more (and smaller sites that are part of a common plan of development or sale). It also imposes requirements for erosion and sediment control, BMPs, inspections, reporting, and enforcement. The 2009 Rule requires owners and operators of permitted construction activities to adopt certain requirements, as follows:

- Implementing erosion and sediment controls
- Stabilizing soils
- Managing dewatering activities
- Implementing pollution prevention measures
- Providing and maintaining a buffer around surface waters
- Prohibiting certain discharges
- Using surface outlets for discharges from basins and impoundments

Clean Water Act Section 404. The U.S. Army Corps of Engineers (USACE) and the EPA administer CWA Section 404 (33 USC Section 1344) to regulate activities resulting in the discharge of dredged or fill material into navigable waters or WOTUS, including wetlands. The USACE and EPA, through rulemaking procedures, have proposed, noticed, and issued rules and regulations to CWA Section 404 (USACE 33 CFR 320; EPA 40 CFR 230). The agencies also issue other interpretive writings intended to guide how the law is implemented and enforced. These writings include Regulatory Guidance Letters, Interpretive Guidance (usually following a lawsuit and judicial opinion, Executive Order, or Congressional Act), Standard Operating Procedures, and Memorandum of Agreements or Understanding. The law states that no dredge or fill material can be discharged by anyone or any entity, including governmental entities, agencies, and programs, without a permit (or an exemption) into jurisdictional WOTUS, including jurisdictional wetlands, floodplains, streams, rivers, bays, estuaries, or other aquatic sites.

There are several types of permits that can be issued, including an individual CWA Section 404 permit, a letter of permission, a general permit, a regional permit, a nationwide permit (NWP), and even an after-the-fact permit. Permits may also impose general, regional, or local conditions or criteria, including but not limited to CWA Section 401 water quality certification conditions and coastal program consistency certification conditions. The permits can also require approvals from Alabama Department of Conservation and Natural Resources (ADCNR) (submerged lands lease or riparian easement if in State waters or on State water bottoms). Permit applications are reviewed and evaluated by USACE based on the environmental criteria outlined in the CWA Section 404(b)(1) guidelines and regulations promulgated by EPA. The permits must also meet State water quality standards and coastal area requirements and must be consistent with each program.

Coastal Zone Management Act (P.L. 92-583; 16 U.S.C. Section 1451 et seq). The Coastal Zone Management Act is administered by the National Oceanic and Atmospheric Administration (NOAA) and provides coastal states an opportunity to develop and implement coastal area management programs. States electing to do so are provided with funding support. The Act places specific requirements on federal agencies to ensure that their activities (and the activities they permit) are consistent with approved state programs (15 CFR 930).

Alabama developed a coastal area management program in 1979 and maintains a federally approved program (see program description under State Regulations). The federal consistency provisions most relevant to the Watershed Management Plan include the requirement that CWA §404 and §402 permits comply with Alabama's Coastal Area Management Program. ADEM has also developed a non-regulatory Coastal Nonpoint Pollution Control Program (CNPCP), according to Section 6217 of the Act.

8.2.2 State Authorities

Several of the State statutes that affect activities in the Eastern Shore Watershed have been mentioned in the discussion of the federal statute. ADEM is the primary state environmental regulatory agency in Alabama. In addition, the ADCNR may also have jurisdiction over certain activities that affect state waters, state natural resources (such as fish and wildlife), and state lands.

Alabama Water Pollution Control Act. The Alabama Water Pollution Control Act (AWPCA), Alabama Code Section 22-22-1, is the State's version of the CWA. The AWPCA prohibits the discharge of pollutants to waters of the State without a permit. It provides the foundation for the State's delegated authority to implement various federal water quality programs, including the CWA Section 402 NPDES permitting program, Section 303 water quality standards and TMDL, and Section 319 Non-Point Source programs. Water quality programs are generally implemented through ADEM Administrative Code R. 335-6. The AWPCA provides the framework for adopting rules that establish water quality standards,

effluent limitation guidelines, and other rules as needed to enforce water quality standards adopted by ADEM.

Clean Water Act Section 401(a) Water Quality Certification. As outlined in CWA Section 401(a), ADEM must review CWA Section 404 permit applications to ensure that the proposed permitted action is consistent with the State's water quality program. This review is to ensure that any discharge of dredged or fill material will not cause or contribute to a violation of the State's water quality standards. State water quality standards are outlined in ADEM Admin. Code Reg. 335-6-10.

Construction Site Stormwater. The CWA and federal regulations require construction site operators to obtain NPDES permit coverage for regulated land disturbances and associated discharges of stormwater runoff to State waters. Effective April 1, 2021, ADEM established the new General NPDES Permit No. ALR100000 for discharges associated with regulated construction activity that will result in land disturbance equal to or greater than one acre, or from construction activities involving less than one acre, and which are part of a common plan of development or sale equal to or greater than one acre. This permit replaced the previous General NPDES Permit No. ALR100000, which expired on March 31, 2021. The General Permit falls under the authority of ADEM Admin. Code Reg. 335-6-6, along with the other actions regulated by the NPDES program.

Construction site operators and/or owners seeking coverage under this general permit must submit a Notice of Intent (NOI) following the permit requirements. Operators and/or owners of all regulated construction sites must implement and maintain effective erosion and sediment controls following a Construction Best Management Practices Plan prepared and certified by a qualified credentialed professional (QCP). For priority construction sites, the Construction Best Management Practices Plan must be submitted to ADEM for review along with the NOI. Priority construction sites include any sites that discharge to (1) a waterbody listed on the most recent EPA approved 303(d) list of impaired waters for turbidity, siltation, or sedimentation; (2) any waterbody for which a TMDL has been finalized or approved by EPA for turbidity, siltation, or sedimentation; (3) any waterbody assigned the Outstanding Alabama Water use classification following ADEM Admin. Code Reg. 335-6-10-.09; and (4) any waterbody assigned a special designation per ADEM Admin. Code Reg. 335-6-10-.10. A qualified credentialed inspector (QCI) or QCP must regularly inspect regulated construction activities to ensure effective erosion and sediment controls are being maintained.

Municipal Separate Storm Sewer System General NPDES Permit. In general, municipalities within "urbanized areas" are subject to MS4 permits (either Phase I or Phase II). Portions of Baldwin County, Daphne, Fairhope, Point Clear and Barnwell, including the entire Eastern Shore watershed, are within a Phase I MS4 permitted area. In December 2011, the County was redesignated from a Phase I MS4 to a Phase II MS4. The permit was issued in October 2016 expired in September 2021. ADEM reissued the Phase II MS4 permit effective October 2021 which will expire in September 2026. Upon renewals of the MS4 permits, in addition to traditional provisions, significantly increased requirements are expected for both construction site stormwater control and postconstruction stormwater management. Notably, it is anticipated that Stormwater Management Plans (SWMPs) developed by municipalities according to their MS4 permit must implement Low Impact Development / Green Infrastructure (LID/GI) practices, "where feasible." Also, increased requirements for monitoring and evaluation/assessment of impaired/TMDL waters are anticipated.

CWA Section 303(d). The EPA requires that ADEM designate waters for which technology-based limits alone do not ensure the attainment of applicable water quality standards. States are required to submit their list of impaired waters to the EPA on April 1 of each even-numbered year. For each water submitted on the list, the pollutant causing the impairment is included, when known. Impairments include things such as nutrients, pesticides, pathogens, metals, organic enrichment, and siltation and can be caused by

point sources or nonpoint sources. Additionally, ADEM assigns a priority for development of TMDLs based on the severity of the pollution and the sensitivity of the uses to be made of the waters. In the Eastern Shore Watershed, Fly Creek, has been determined to be impaired by sediment and pathogens. Although no streams are listed for siltation, many of the tributaries within the urbanized portions of the Watershed have been significantly impacted by sedimentation and the streams exhibit many of the same issues found in the D'Olive Watershed. Development has altered the habitats and increased volume and velocities of stormwater runoff have impacted the local waterways. No total maximum daily load (TMDL) has been calculated for these Eastern Shore Watershed streams at this time. Any development or redevelopment activity affecting these streams should take the listing and impairment into consideration and increased regulatory agency scrutiny of proposed activities is expected.

Alabama Coastal Area Management Program

The Alabama Coastal Area Management Program (ACAMP) was approved by National Oceanic and Atmospheric Administration in 1979 as part of the National Coastal Zone Management Program. As such, the ADCNR is responsible for the overall management of the ACAMP program. Its ultimate purpose is to balance economic growth with preservation of Alabama's coastal resources by promotion of wise management of the cultural and natural resources of the State's coastal areas, which include the Dauphin Island Watershed. ACAMP is implemented in the area defined as the "Alabama Coastal Area," which extends from the continuous 10-foot contour seaward to the 3-mile limit in Mobile and Baldwin Counties.

ADCNR, in conjunction with ADEM, is the lead agency responsible for overall management of the program including planning, fiscal management, and education through dissemination of public information. Likewise, ADEM oversees regulatory, permitting, monitoring and enforcement responsibilities of the program. Based upon current Federal legislation, the State of Alabama continues to administer the ACAMP as its Coastal Zone Management Program under the Coastal Zone Management Act of 1972. The Coastal Zone Management Act also requires the State to develop and implement its Alabama Coastal Nonpoint Pollution Control Program, in order to deter potential impacts and enhance coastal waters, under Section 6217 of the Coastal Zone Act Reauthorization Amendment of 1990.

Coastal Zone Management. The Alabama Coastal Area Management Act, Alabama Code Section 9-7-1 et seq., provides the state's statutory authority to develop and implement a coastal area management program. ADEM, through Admin. Code Reg. 335-8-1, et seq., regulates the filling and excavation of wetlands and certain types of development within the coastal area, requiring a determination of consistency by the applicant proposing the activity. This is usually part of the CWA Section 404 joint application process initially filed with the Corps of Engineers. The ADEM coastal area management plan (now administered by ADCNR) and the ADEM Coastal Regulations (administered by ADEM) are limited to the coastal area. Here "coastal area" is defined as an area with outside or upland boundary determined by the continuous 10-foot contour in Mobile and Baldwin Counties. The last time any significant changes, updates, or amendments were made to the Coastal Regulations was 1995. There are general and nationwide permits issued by the Corps of Engineers that presently have been given coastal program and regulation consistency for discharging fill to wetlands in the coastal area, such as NWP18. The present consistency determination was made by ADEM in January 2017, for five years. The Corps of Engineers on December 27, 2021 issued a Rule published in the federal register to reissue and modify Nationwide Permits. In this rule, the 2017 version of the existing NWP18 will expire on the day before February 25, 2022. In the Final Rule, NWP18 is reissued to go into effect February 25, 2022 and is set to expire March 14, 2026.

ADEM and ADCNR have also developed a Coastal Nonpoint Pollution Control Program (CNPCP) according to Section 6217 of the Coastal Zone Management Act. This program is non-regulatory, relying heavily on existing state, county, and local programs to address various non-point sources of pollution

impacting coastal waters. The necessary management measures that comprise the state's program include Coastal 6217 Management Boundary; Agriculture; Forestry; Urban Development; Marinas; Hydromodification; and Wetland and Riparian Areas. To date, the program has undertaken or funded several projects designed to gather data on existing or potential pollutant sources, test new technology through pilot projects, assist property owners and regulators in developing and implementing pollution controls in the coastal counties. The state program is currently considered "conditionally approved" by NOAA.

8.2.3 Local Government Regulations

In addition to the overarching federal and state regulations, two municipalities and Baldwin County also have various regulations, ordinances, and permitting requirements that cover activities within the Watershed. In place of a detailed discussion of each local ordinance, to determine who regulates what and how they implement and enforce the local requirements, a matrix listing various topics related to water quality and resource protection was completed for each entity (**Table 8.8**).

Information originally gathered and provided by the Mississippi-Alabama SeaGrant Legal Program (MASGLP) indicates that Alabama is a "Dillon's Rule" state. Under Dillon's Rule, a municipal government has authority to act only when: 1) The power is granted in the express words of the statute, private act, or charter creating the municipal corporation; 2) The power is necessarily or fairly implied in, or incident to the powers expressly granted; or 3) The power is one that is neither expressly granted nor fairly implied from the express grants of power but is otherwise implied as essential to the declared objects and purposes of the corporation.

The local cities and towns, and municipal corporations under Alabama law, have the authority to implement zoning, regulate new development, and manage stormwater. For a more detailed description of the legal basis for Dillon's Rule as it applies to the Eastern Shore refer to the South Alabama Stormwater Regulatory Review (**Carlton, 2018**). Baldwin County government statutory authority is somewhat more limited. Baldwin County requirements apply county-wide in areas not subject to a municipalities' planning jurisdiction. Code of Alabama 1975 §11-19-1 through 24 provides general authority for the counties of Alabama to adopt zoning ordinances in flood-prone areas. Baldwin County cites Code of Alabama 1975 Sections 45-5-261, 11-19-1, 11-24-1, and 11-52-30 as the authority for developing its planning and zoning program and subdivision regulations (**Carlton, 2018**).

In addition to the regulatory drivers noted above, restrictive subdivision covenants can also play an important role in stormwater management. Usually, within a residential subdivision, property owners' associations are incorporated. Various subdivision restrictions have been recorded and are imposed to regulate the activities within the subdivision. By nature, these restrictions look inward without consideration of neighboring property and, until recently, most do not address stormwater management.

The areas covered in the regulatory matrix (**Table 8.8**) include the following:

- Construction phase BMP requirements
- Post-construction stormwater management requirements
- Coastal area resource protection requirements
- Low impact development (LID)
- Shoreline stabilization
- MS4 permit coverage

8.2.3.1 Baldwin County

Baldwin County became an organized governing authority in 1809 and remains one of the largest and fastest growing counties in the state. The Baldwin County Commission is tasked with assisting the “State in carrying out the authorized functions necessary to protect the health and welfare of the citizenry” (Baldwin County Commission 2016). Essential to this function is protecting the water quality to safeguard the health and welfare of the community. The Baldwin County Commission protects water quality using the following ordinances and regulations:

Baldwin County Zoning Ordinance (July 2022). The Baldwin County Zoning Ordinance is administered County-wide in unincorporated areas that have voted for zoning by the Baldwin County Commission and the Planning and Zoning Department. The ordinance establishes planning districts (**Figure 8.3**) and sets forth zoning requirements within the county related to various land uses. The development standards outlined in Section 9.6.4 require that a 50-ft-wide buffer be maintained whenever the perimeter of a planned industrial development abuts a wetland area. Where the distance between property lines is greater than 1,000 ft, the buffer requirement increases to 100 ft.

Section 10.4 establishes a Wetland Protection Overlay District that applies to all zoned areas and requires that a Corps of Engineers permit be obtained prior to county approval of projects involving the filling of jurisdictional wetlands. It also establishes a 30-foot development setback/easement for jurisdictional wetlands. These requirements are in addition to those required by federal and state agencies.

Article 13, Section 13.11 of the Ordinance mentions stormwater management only to the degree that a stormwater management plan is required for all major projects (defined by the type of use, not acreage) and that “reasonable provisions for handling surface drainage have been made.”

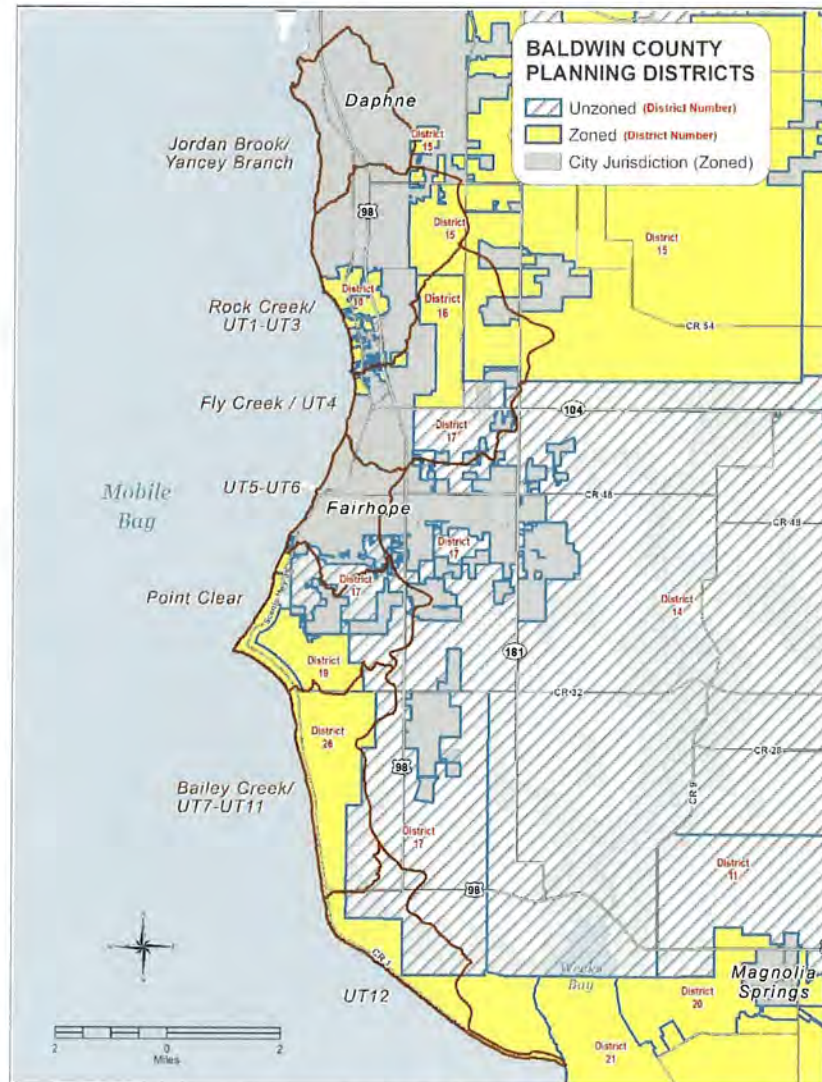


Figure 8.3 Planning districts in the Eastern Shore WMP.

Section 13.12 (amended December 2020) deals specifically with erosion control practices required during land disturbing construction activities. It sets forth various design principles and design criteria, standards, and specifications to reduce erosion and sedimentation during construction. Section 13.13 requires activities to be covered under a county permit; an erosion control plan to be prepared and implemented; BMPs to be implemented and maintained; and final site stabilization to be completed once construction is done.

8.3 Regulatory Overlap

Federal, State, and local requirements overlap within the Watershed. The over-arching federal and state water quality regulations apply to all areas of the county and within the Cities of Daphne and Fairhope. Any proposal to fill jurisdictional wetlands located within the Eastern Shore Watershed, must have:

- A proper permit application for a CWA Section 404 permit with review by all agencies and the public (unless authorized by an NWP);
- Appropriate ADEM Section 401 water quality certification;
- Consideration of CWA Section 303(d) impacts (for listed stream segments);
- ADEM coastal program consistency determination if in the coastal area;
- A CWA Section 402 NPDES – ADEM Admin. Code Reg. 335-6-12 construction stormwater permit (if greater than 1 acre will be disturbed).
- City and/or County land disturbance permits;
- City and/or County development permits and plat approvals; and
- City and/or County building permits.

The overlap between federal, state, and local requirements is unavoidable; nevertheless, the degree of overlap has been lessened by EPA delegating certain programmatic or regulatory authority to ADEM, and ADEM delegating certain coastal program requirements to the local authorities. The cities of Daphne and Fairhope exert their jurisdiction and permitting requirements within their respective geographical boundaries. In addition to the federal and state permit requirements, each local entity requires permits for development, land disturbance, and building construction, depending on the jurisdiction. Often the federal or state permit is a prerequisite to the issuance of the local permit. Where City and County jurisdictions overlap, it is customary for the more stringent requirements to apply. In general, the current level of regulatory overlap is not considered a significant issue relative to stormwater management within the Watershed.

A regulatory “matrix” based on several elements deemed critical to effective stormwater management programs was created to assist in the review process. The matrix is contained in **Table 8.8**. The rows in the table list the four review elements considered:

- (1) construction phase BMPs;
- (2) post-construction stormwater management;
- (3) wetland protection; and
- (4) coastal area protection.

The columns in **Table 8.8** summarize the results of the review of the regulations or ordinances for each of the four regulatory entities having jurisdiction within the Eastern Shore Watershed. There is some degree of consistency among the various programs concerning the elements that are addressed (e.g., all programs require some type of construction phase BMPs, address stabilization time). However, there are significant differences between each regulatory entity's specific requirements, as stated in the regulations or

ordinances (e.g., design storm). These differences and any perceived deficiencies are addressed in the following sections.

Table 8.8 Eastern Shore WMP Regulatory Matrix

		ADEM	Baldwin County	Daphne	Fairhope
Construction Phase BMPs Requirements		Yes	Yes	Yes	Yes
	Design Standards	AL Handbook *1	AL Handbook	AL Handbook	AL Handbook
	Design Storm	2yr-24hr ²	Not specified	25yr-24hr	25yr-24hr
	Site Size	>1 ac ¹	Any	>1,000 ft ²	Any
	Stabilization Time	13 days ¹	10 or 13 days	13 days	10 days
	Inspections	Self Inspection 1/month + 3/4" rain ¹	Yes	Yes	City-Random; Contractor-Daily
	BMP Repair/Maint. Time	5 days ¹	Not Specified	2 Days	2 Days
	Non-compliance Reporting	Yes ¹	No	No	No
	Buffer Requirement	25'	30' wetland, 50' waterway	No	20' / 30'
	Litter/Trash/Recycling	Yes	Yes	Yes	Yes
Post Construction SW Mngt Requirements		No	Yes	Yes	Yes
	Stormwater Quality	No	No	Yes	Treat 1.8", 85% Capture, 80% TSS Removal
	Stormwater Quantity	No	Yes	Yes	Yes
	Design Storm	N/A	2 - 100 yr	2 - 100 yr	2 - 100 yr
	Site Size	N/A	Any	Any	All Subdivisions
	Inspection	N/A	Yes	1 / 5 yr	1/ 3 yr
	Maintenance	N/A	Developer/Owner	Developer Trustee	Developer/Landowner
	Reporting	N/A	No	Yes	Yes
	Calculation Method	N/A	SCS	Rational or Modified	Rational <100 ac, SCS >100 ac

				Rational Method	
Coastal Area Resource Protection		Yes ³	Yes	Yes	Yes
	Wetland/Stream Buffer	Yes ³ 25 ft. ¹	5 feet ⁴	Stream-50'/Wetland-30'	Wetland-20'-30' Streams 50'-100' (by watershed)
	Permit Requirement	Yes ³ , only in coastal area	ADEM/COE only	USACOE	Yes
Low Impact Development (LID)		No	No	Yes	Yes
	Development Size	N/A	N/A	No	Not Specified
	Impervious Cover	No	No	No	Optional
	On-site Retention	No	No	No	Optional
	LID Standards	No	No	Yes	Not Specified
	Impediments to LID	N/A	N/A	No	No
Shoreline Stabilization		Yes ³ , only in coastal area	No	No	No
	Piers and Bulkheads	Yes ³ , only in coastal area	No	USACE, ADCNR ADEM Verification	N/A
	Living Shorelines	No	No	USACE, ADCNR ADEM Verification	N/A
MS4 Permit Coverage		N/A	Yes	Yes	Yes

* *Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urban Areas, September 2014*

Foot Notes:

- 1 ADEM NPDES General Permit ALR100000, Part III
- 2 ADEM NPDES General Permit ALR100000, Part I
- 3 ADEM Admin. Code Reg. 335-8 (Coastal Area Management Program)
- 4 Baldwin County Subdivision Regulations, January 1, 2008 (Applicable County wide)

The Cities' extra-territorial jurisdictions extend beyond their boundaries for up to three miles for planning purposes and overlap into the County, but not an adjacent municipality. Each City exerts its jurisdiction and permitting requirements within their respective geographical boundaries. Each local entity requires permits for development, land disturbance and building construction, depending on jurisdiction, that are in addition to the federal and state permit requirements. Often the federal or state permit is a prerequisite to issuance of the local permit. Where City and County jurisdictions overlap, it is customary for the "more stringent" requirements to apply.

8.4 Enforcement

Enforcement, as used herein, is considered in a broader sense to include not only instigating a formal administrative or legal action to compel compliance; but the regulatory requirements to comply with the terms of a permit and conducting routine monitoring and maintenance to ensure stormwater management controls function properly. Rules, regulations, ordinances, restrictions and the like usually require some degree of enforcement to ensure compliance. To achieve the ultimate objective of the rule, enforcement must be timely and meaningful. Further, to maintain the integrity of the implementing agency, enforcement must be consistent and impartial. Each program reviewed contained enforcement provisions ranging from warnings to “stop work orders” to civil or criminal penalties.

Although a detailed review of each agency’s enforcement history was not performed, most local agencies indicated that formal enforcement was “rare”. In several cases identified during the review process, local governments were relying on enforcement by the state for construction phase BMP compliance, routinely referring non-compliant sites to ADEM for action.

Routine inspection, monitoring and maintenance is a critical component of maintaining construction phase BMPs and insuring that post construction stormwater management facilities function properly. Agency resources are, in many cases, scarce and routine regulatory oversight of permitted activities can be all but non-existent, particularly at the federal and state level. ADEM, under the provisions of the construction stormwater permit, is currently the only agency that requires “self-monitoring” and reporting be performed during construction, but generally only perform their own inspection when a citizen complaint is lodged or a referral is made by local government. Many of the local entities reported that their staff were routinely monitoring projects during the construction phase to ensure compliance with state or local requirements. However, most entities were not routinely performing post construction inspections (other than a final “as built” inspection), or requiring that the responsible entity perform regular inspections, of stormwater management facilities. Inspections and any resulting repair or maintenance cost money and will rarely be performed unless mandated.

8.5 Regulatory Inconsistencies

Regulatory inconsistencies between federal, state, and local units of government are inevitable and can contribute to ineffective watershed management, serve as impediments to restoration efforts, and cause confusion in the regulated community. Consistency among the local government ordinances will be a key factor in effectively implementing the management measures necessary to protect the Watershed's natural resources. Development entities often gravitate to or seek incorporation into jurisdictions with less regulation. The long-term costs of this approach to the broader community and its citizens will be realized as flooding increases and water quality decreases. Additional costs due to poor flood zone management include the following: (1) flood zones expand, which increases insurance rates; (2) waterbodies become polluted, which prompts additional regulatory oversight, expensive restoration projects, decreased land value with decreased tax income, and increased stormwater treatment costs; and (3) stormwater conveyance, maintenance, and dredging costs manifest and increase. Examples of regulatory inconsistencies are discussed in detail in the *South Alabama Stormwater Regulatory Review* (Carlton, 2018).

8.6 Regulatory Gaps

Often the federal or state regulatory requirements serve to provide a measure of consistency or provide some minimum baseline for local regulation, and often local units of government rely on or defer to the state or federal requirements. Without this foundation, it is difficult to achieve regulatory consistency

among local units of government. Even when state and federal regulations are in place, they usually have such a broad nature and scope (national or statewide) that they may not be meaningful at a watershed specific level. In such cases, it falls to the local units of government to adopt and implement regulations that are effective in achieving specific watershed management goals. Currently, except for compliance with FEMA, there are no overarching federal or state regulatory requirements for post-construction stormwater quantity or quality. Regulatory gaps can also be due to antiquated regulations. At the state level, the coastal area management program regulations relating to resource impacts (ADEM Administrative Code R. 335-8-2) have not been revised in over 20 years. ADEM and ADCNR struggle to maintain a federally approved coastal management program, due in part to the lack of a regulatory framework that will allow the state to ensure the federal goals can be met. Significant advancements in resource protection alternatives have been realized during the intervening years, some of which may be precluded by outdated regulations. Because federal and state regulatory requirements are so broad in nature and scope, developing and implementing local stormwater management regulations and ordinances are often the best or only way to achieve watershed resource protection goals and/or address local stormwater-related impacts. The Baldwin County Commission funded a study of the flooding issues in several watersheds within the County, including the Fish River and Magnolia River. Modeling performed for the Baldwin County Commission (Hydro Engineering Solutions 2011 and 2014) indicates that the timing of stormwater discharge plays a critical role in downstream flooding (basically suggesting more detention upstream, less downstream). Based on these results, Baldwin County revised its regulations about stormwater management and design storm events within these watersheds, and detention requirements are now based on where within the Watershed the development is occurring.

8.7 Recommendations

The purpose of post-construction stormwater management is to ensure that the original design, placement and implementation of the original stormwater retention and treatment safeguards maintain their purpose to effectively prevent non-stormwater discharges from entering environmentally sensitive areas after construction has been completed. There is a lack of post construction stormwater management in the State of Alabama, as such, numerous projects that have had to utilize proper BMPs to maintain compliance fail to do so after construction. Failure of poorly designed detention ponds, riparian buffers, and Low Impact Developments can cause more sedimentation and flooding issues in environmentally sensitive areas if not inspected and maintained after construction activities have ceased. This, in essence, can cause long-term issues. Therefore, it is suggested that the municipalities across the Eastern Shore implement some way to create and enforce a post-construction stormwater management plan to reduce or even eliminate some of these residual issues that arise from poorly designed BMPs.

Setbacks and riparian buffers are areas of vegetation that border a body of water or other environmentally sensitive areas and help prevent sedimentation from entering these areas thus improving water quality. By trapping and removing sediment and contaminants from stormwater, these buffers can improve water quality, wildlife, and property values. In order for these buffers to become effective, it is best to pair with other BMP means such as grassed filter strips. Buffers are only required by ADEM during construction activities whereas the municipalities on the Eastern Shore all require some type of buffer to protect State waterbodies. Since vegetative buffers play an integral part in protecting wetlands and other environmentally sensitive areas, it is suggested that the Fairhope, Daphne and Baldwin County utilize permanent riparian buffers, whenever possible. These buffers would provide a way to protect the environmentally sensitive areas from sedimentation and pollutants carried in stormwater on the island as well providing more greenspace, which will help with flooding and erosion.

Flood control ordinances were not explicitly reviewed. However, flood control goals and stormwater treatment goals are often in opposition. One is trying to remove water as quickly as possible and the other is trying to slow-release rates and/or volumes. A detailed review of flood control requirements and

comparison to stormwater management requirements could help identify potential conflicts. Further, all aspects of local development requirements that could potentially conflict with stormwater management goals were not studied.

There is quite a bit of complexity around the “extra-territorial jurisdictions” (ETJ) that can create confusion with the regulatory requirements in the Watershed. The local cities and towns, as municipal corporations under Alabama law, have the authority to implement zoning, regulate new development, and manage stormwater. Some municipalities exercise their authority to issue permits within their ETJ while others confine permitting to the city limits. The county government’s statutory authority is somewhat more limited. The county requirements obviously apply county-wide in areas not subject to a municipality’s planning jurisdiction. This leaves some gaps in ordinances within the un-zoned portions of the County. “Zoning is a tool that examines whether a proposed development (or use) is compatible with the surrounding land uses, while also providing members of the community with an opportunity to provide input on those uses.” (Baldwin County Zoning Facts Worksheet, January 2022). As of the time of writing, Baldwin County is divided into 35 zoning districts, of which 20 have voted to adopt ordinances for their district. As the development continues to grow in the County, it is imperative that citizens understand that zoning can be an extremely effective way to manage that growth. The Baldwin County Planning and Zoning Department has been working on getting this information out to citizens, including; an informational webpage (<https://baldwincountyal.gov/departments/planning-zoning/zoning-in-baldwin>) which includes some informational FAQs and printed materials.

Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bv</i>	<i>5.2.2.3</i>	<i>Committees, Watershed Organizations & Groups</i>	<i>Once per year, the County will host or attend Eastern Shore MS4 meeting</i>	<i>ALL</i>	<i>P&Z</i>
		Date	Meeting		
		8/24/2022	Eastern Shore MS4 Meeting		
		3/14/2023	Eastern Shore MS4 Meeting		



BALDWIN

COUNTY, ALABAMA



ES MS4 Meeting
Agenda
August 24, 2022, 9:00 AM
Fairhope Satellite Office

- 1) Call to Order
- 2) ES MS4 Partners:
 - ALDOT: Jason White, ALDOT-SW Environmental Coordinator
 - Fairhope: Kim Burmeister-City of Fairhope Code Enforcement
 - Daphne: Tim White-Daphne Environmental Program's Manager
 - County: Ashley Campbell-BC Natural Resource Planner
 - Spanish Fort: Casey Rains, Environmental Manager,
- 3) ES MS4 Partner Discussions
 - A. ALDOT
 - B. Baldwin County
 - C. Daphne
 - D. Fairhope
 - E. Spanish Fort
- 4) Adjournment



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BALDWIN

COUNTY, ALABAMA



ES MS4 Meeting
Meeting Minutes
August 24, 2022, 9:00 AM
Fairhope Satellite Office

- 1) The meeting was called to order at 9:00 am
- 2) Attendance:
 - ALDOT: Jason White, ALDOT-SW Environmental Coordinator
 - Fairhope: Kim Burmiester-City of Fairhope Code Enforcement
 - Daphne: Tim White-Daphne Daphne Environmental Program's Manager
 - County: Ashley Campbell-BC Natural Resource Planner-EAC Secretary
 - Spanish Fort: Casey Rains, Environmental Manager,
- 3) MS4 Discussion
 - A. ALDOT-Jason
 - ADEM's litter statue design and locations
 - Event Calendar Communication ESMS4- Ashley Share Point Page ES MS4
 - Drainage shapefile discussion-ALDOT-Shapefiles Shared-Copy to SharePoint
 - Water Towers-Storage
 - SWOF 36' by drainage area
 - B. Spanish Fort-Casey Rains discussed the following:
 - Living Shoreline on Causeway
 - 143 Acres-Bay Minette Creek.
 - ADEM SRF Project Forgave ½ of Cost
 - Clearwater Ordinance-Example of enforcement
 - All ponds and SWOF at 36"
 - C. Daphne-Tim discussed the following:
 - Low Impact Development requirement of the MS4 permit
 - Letter sent out for SD Detention Maintenance
 - All outfalls 36' all detention ponds
 - D. Fairhope-Kim discussed the following:
 - Letter sent out for SD Detention Maintenance
 - Subdivision Regulations
 - Consistency in Stormwater inspection for outfalls and subdivisions

- All outfalls including private detentions
- Alabama Water Watch

E. Baldwin County-Ashley discussed the following items:

- EAC/EAB Joint Meetings-Wetland Protection Template Ordinance
- BC EAC Farmland Sub-committee
- BC EAC Water Quality Sub-committee
- BC EAC Dirt Road Sub-committee
- Watershed Signage
 - a. Fly Creek-Potential for MS4 Partnerships
 - b. Fish River-Replace the Weeks Bay Watershed Signs

4) The meeting was adjourned at 10:00am.



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BALDWIN

COUNTY, ALABAMA



ES MS4 Meeting
Agenda
March 14, 2023, 9:00 AM
Fairhope Satellite Office

- 1) Call to Order
- 2) ES MS4 Partners:
 - ALDOT: Jason White, ALDOT-SW Environmental Coordinator
 - Fairhope: Kim Burmeister-City of Fairhope Code Enforcement
 - Daphne: Daphne Environmental Program's Manager
 - County: Ashley Campbell-BC Natural Resource Planner
 - Spanish Fort: Casey Rains, Environmental Manager,
- 3) ES MS4 Partner Discussions
 - A. ALDOT
 - B. Baldwin County-Storm Drain Stencil and Watershed Signage Partnerships for MS4 Area
 - C. Daphne
 - D. Fairhope
 - E. Spanish Fort
- 4) Adjournment



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BALDWIN

COUNTY, ALABAMA



ES MS4 Meeting
Minutes
March 14, 2023, 9:00 AM
Fairhope Satellite Office

- 1) The meeting was called to order at 9:00am.
- 2) ES MS4 Partners:
 - ALDOT: Jason White, ALDOT-SW Environmental Coordinator
 - Fairhope: Kim Burmeister-City of Fairhope Code Enforcement
 - Daphne: TBD, Daphne Environmental Program's Manager
 - County: Ashley Campbell-BC Natural Resource Planner
 - Spanish Fort: Cody Ledet, Environmental Manager
- 3) ES MS4 Partner Discussions
 - A. ALDOT
 - Fly Creek Hwy 98 Culvert Repair Partnership (MBNEP, City of Fairhope, & Baldwin County) Discussion.
 - Publix's Consent Order Discussion.
 - Education-ACES Master Environmental Discussion
 - Right of Way Trash Discussion.
 - Training for Staff Discussion
 - B. Baldwin County
 - Storm Drain Stencil
 - Inventory of current roads
 - Map decals
 - Choose location of signs
 - Watershed and Stream Signage Partnerships for MS4 Area-Weeks Bay Replacement with Creek Signs, Fly Creek, & Rock Creek
 - Inventory of each jurisdiction's environmental signage
 - Map signs
 - Choose locations of signs
 - C. Daphne
 - Forever Wild Tract north of Cause Way Bridge archeological study discussion.
 - D. Fairhope
 - Fairhope High School Environmental Club Trash Discussion

- ADEM Litter Gitters Grant Discussion-Kim will send Jason grant information.
- USFWS/ACF Pollinator Project-Kim will send out the information.
- Earth Day-April 22-Environmental Education-Watershed. Other MS4s are welcome to attend. Christina is the lead for City.

E. Spanish Fort

4) Adjournment



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Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bv</i>	5.2.2.5	<i>Committees, Watershed Organizations & Groups</i>	<i>Alabama Water Watch Monitoring (AWW) Partner with the MBNEP to provide 2 AWW trainings per permit cycle.</i>	ALL	P&Z
2022/2023			None		

Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-B1bv	5.2.2.6	<i>Commissions, Board of Adjustment & Other Public Involvement Opportunities</i>	<i>Through out the permit cycle, track Commission, BOA & other Public Involvement Meetings</i>	ALL	P&Z
			Board/Commission		
			Board of Adjustment 1		
			Board of Adjustment 2		
			Planning Commission		
			County Commission		

5.2.2.6

Board of Adjustments

1&2

**BALDWIN COUNTY PLANNING AND ZONING
BOARD OF ADJUSTMENT NUMBER 1**

**2023
MEETING DATES
&
APPLICATION DEADLINE DATES**

Meeting time: 4:00 p.m.
Meeting location: Baldwin County Central Annex Auditorium

All applications to be considered by the Baldwin County Planning and Zoning Board of Adjustment Number 1 shall be submitted no later than 12:00 p.m. on the deadline date listed below. *There will be no exceptions.*

MEETING DATE		APPLICATION DEADLINE DATE
January 17, 2023		December 22, 2022
February 28, 2023		February 3, 2023
March 21, 2023		February 28, 2023
April 18, 2023		March 27, 2023
May 16, 2023		April 25, 2023
June 20, 2023		May 26, 2023
July 18, 2023		June 26, 2023
August 15, 2023		July 25, 2023
September 19, 2023		August 28, 2023
October 17, 2023		September 26, 2023
November 21, 2023		October 30, 2023
December 19, 2023		November 28, 2023

Dates may differ from original meeting dates and/or application deadline dates due to holidays and may be subject to change upon request by the Chairman of the Board.

U:\Zoning\Board of Adjustment Number 1 Deadline and Meeting Calendar 2023

**BALDWIN COUNTY PLANNING AND ZONING
BOARD OF ADJUSTMENT NUMBER 1**

**2022
MEETING DATES
&
APPLICATION DEADLINE DATES**

Meeting time: 4:00 p.m.
Meeting location: Baldwin County Central Annex Auditorium

All applications to be considered by the Baldwin County Planning and Zoning Board of Adjustment Number 1 shall be submitted no later than 4:30p.m. on the deadline date listed below. *There will be no exceptions.*

MEETING DATE	APPLICATION DEADLINE DATE
January 18, 2022	December 22, 2021
February 15, 2022	January 25, 2022
March 15, 2022	February 22, 2022
April 19, 2022	March 28, 2022
May 17, 2022	April 26, 2022
June 21, 2022	May 31, 2022
July 19, 2022	June 28, 2022
August 16, 2022	July 26, 2022
September 20, 2022	August 29, 2022
October 18, 2022	September 27, 2022
November 15, 2022	October 24, 2022
December 20, 2022	November 29, 2022

Dates may differ from original meeting dates and/or application deadline dates due to holidays and may be subject to change upon request by the Chairman of the Board.

U:\Zoning\Board of Adjustment Number 1 Deadline and Meeting Calendar 2022

**BALDWIN COUNTY PLANNING AND ZONING
BOARD OF ADJUSTMENT NUMBER 2**

**2023
MEETING DATES
&
APPLICATION DEADLINE DATES**

Meeting time: 3:00 p.m.
Meeting location: Foley Satellite Courthouse Large Meeting Room

All applications to be considered by the Baldwin County Board of Adjustment #2 Planning and Zoning Board of Adjustment shall be submitted no later than 12:00 p.m. on the deadline date listed below. *There will be no exceptions.*

MEETING DATE	STAFF REPORTS DUE	APPLICATION DEADLINE DATE
January 12, 2023		December 20, 2022
February 09, 2023		January 17, 2023
March 09, 2023		February 14, 2023
April 13, 2023		March 21, 2023
May 11, 2023		April 18, 2023
June 08, 2023		May 16, 2023
July 13, 2023		June 20 2023
August 10, 2023		July 18, 2023
September 14, 2023		August 22, 2023
October 12, 2023		September 19, 2023
November 09, 2023		October 17, 2023
December 14, 2023		November 21, 2023

Dates may differ from original meeting dates and/or application deadline dates due to holidays and may be subject to change upon request by the Chairman of the Board.

BOARD OF ADJUSTMENT NUMBER 1

AGENDA

March 15, 2022

Regular Meeting

4:00 p.m.

Central Annex Auditorium

22251 Palmer Street

Robertsdale, Alabama

1. Call to Order
2. Roll Call
3. Approval of Previous Meeting Minutes (February 15, 2022)
4. Announcements/Registration to Address the Board of Adjustment
5. Consideration of Applications and Requests

ITEMS:

a.) Case No. ZVA22-20 STOR LOXAL AL-59 LLC Property

Request: Approval of a variance from the landscaped buffer requirements to allow for two additional storage buildings

Location: The subject property is located at 26090 Dawson Road in Planning District 12

Attachments: Within Report

6. Old Business
7. New Business
8. Adjournment

**Planning and Zoning
Board of Adjustment Number 1
March 15, 2022
Regular Meeting Minutes
Central Annex
Auditorium**

The Board of Adjustment Number 1 met in a regular session on March 15, 2022, at 4:00 p.m., in the Baldwin County Central Annex Auditorium. The meeting was called to order by Chairman Brandon Bias. Members present included: Mary Shannon Hope, John Cooper, Gary Cowles, Jamal Allen, Norman Bragg, and Rosellen Coggin. Staff members present were DJ Hart, Planning Technician, Crystal Bates, Planning Technician and Linda Lee, Planner.

Approval of Previous Meeting Minutes

A motion to approve the previous meeting minutes was made by Mr. Cooper with a second by Mr. Cowles and carried unanimously.

ZVA22-22, Stor Loxal AL-59 LLC Property

Mrs. Lee presented the applicant's request for a variance from the landscaped buffer requirements to allow for two additional storage buildings. Staff recommended denial of the variance request.

Mr. Nicholas Ostrye spoke in support of the variance request and answered questions from board members.

Ms. Kay Wright spoke in opposition of the variance request and answered questions from board members.

Board Member Gary Cowles made a motion to deny the request. The motion received a second from Board Member Mary Shannon Hope. **Motion to deny the variance request carried on a vote of six in favor and one against.**

Adjournment

There being no further business to come before the board the chairman adjourned the meeting at 4:32 p.m.

Respectfully Submitted

Linda Lee, Planner

I hereby certify that the above minutes are true, correct and approved this ____ day of _____ 2022.

John Cooper, Vice-Chairman

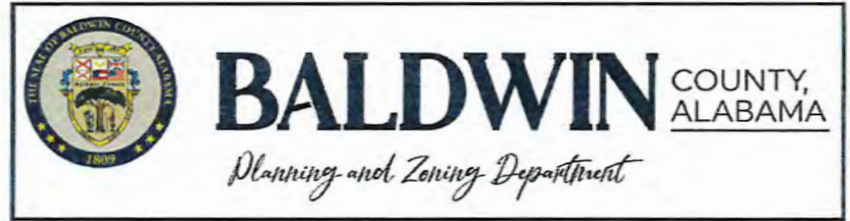
5.2.2.6

Planning Commission

2022 MEETING AND APPLICATION SCHEDULE

MEETING LOCATION: Baldwin County Central Annex
 22251 Palmer St.
 Robertsdale, Al. 36567

MEETING TIME: 4:00 p.m.



MEETING DATE	APPLICATION DEADLINE DATE 12:00 NOON	ZONING CASE PRE-APP. MEETING DATE (REQUIRED) <i>Foley Office</i>	SUBDIVISION SKETCH PLAN APPLICATION DEADLINE 12:00 NOON	SUBDIVISION VARIANCE APPLICATION DEADLINE 12:00 NOON
January 6, 2022	November 22, 2021	November 10, 2021	October 25, 2021	December 6, 2021
February 3, 2022	December 20, 2021	December 8, 2021	November 22, 2021	January 3, 2022
March 3, 2022	January 18, 2022**	January 12, 2022	December 20, 2021	January 31, 2022
April 7, 2022	February 22, 2022**	February 9, 2022	January 24, 2022	March 7, 2022
May 5, 2022	March 21, 2022	March 9, 2022	February 22, 2022**	April 4, 2022
June 2, 2022	April 18, 2022	April 13, 2022	March 24, 2022	May 2, 2022
July 7, 2022	May 23, 2022	May 11, 2022	April 25, 2022	June 6, 2022
August 4, 2022	June 21, 2022**	June 8, 2022	May 23, 2022	JULY 5, 2022**
September 1, 2022	July 18, 2022	July 13, 2022	June 21, 2022**	August 1, 2022
October 6, 2022	August 22, 2022	August 10, 2022	July 25, 2022	September 6, 2022**
November 3, 2022	September 19, 2022	September 7, 2022	August 22, 2022	October 3, 2022
December 1, 2022	October 17, 2022	October 12, 2022	September 19, 2022	October 31, 2022
January 5, 2023	November 21, 2022	November 9, 2022	October 24, 2022	December 5, 2022

**DATE MOVED FORWARD BECAUSE OF A HOLIDAY

Please Note: The Application Deadline Submittal time is 12:00 pm (noon)

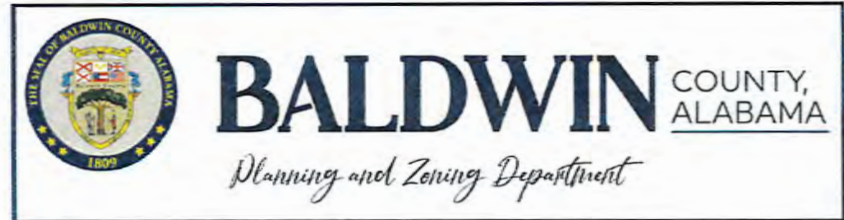
APPROVED THE 1 DAY OF October, 2021

SIGNATURE OF CHAIRMAN *Steve Humphrey*

2023 MEETING AND APPLICATION SCHEDULE

MEETING LOCATION: Baldwin County Central Annex
22251 Palmer St.
Robertsdale, Al. 36567

MEETING TIME: 4:00 p.m.



MEETING DATE	APPLICATION DEADLINE DATE 12:00 NOON	ZONING CASE PRE-APP. MEETING DATE (REQUIRED) <i>Foley Office</i>	SUBDIVISION SKETCH PLAN APPLICATION DEADLINE 12:00 NOON	SUBDIVISION PRE-APP. MEETING (REQUIRED) <i>Robertsdale Office</i>
December 1, 2022	October 17, 2022	October 12, 2022	September 19, 2022	October 6, 2022
January 5, 2023	November 21, 2022	November 9, 2022	October 24, 2022	November 10, 2022
February 2, 2023	December 19, 2022	December 7, 2022	November 21, 2022	December 8, 2022
March 2, 2023	January 23, 2023	January 11, 2023	December 26, 2022	January 12, 2023
April 6, 2023	February 22, 2023**	February 8, 2023	January 23, 2023	February 9, 2023
May 4, 2023	March 20, 2023	March 8, 2023	February 22, 2023**	March 9, 2023
June 1, 2023	April 17, 2023	April 12, 2023	March 20, 2023	April 13, 2023
July 6, 2023	May 22, 2023	May 10, 2023	April 24, 2023	May 11, 2023
August 3, 2023	June 20, 2023**	June 7, 2023	May 22, 2023	June 8, 2023
September 7, 2023	July 24, 2023	July 12, 2023	June 20, 2023**	July 13, 2023
October 5, 2023	August 21, 2023	August 9, 2023	July 24, 2023	August 10, 2023
November 2, 2023	September 18, 2023	September 13, 2023	August 28, 2023	September 14, 2023
December 7, 2023	October 23, 2023	October 11, 2023	September 25, 2023	October 12, 2023
January 4, 2024	November 20, 2023	November 8, 2023	October 23, 2023	November 9, 2023

Please Note: The Application Deadline Submittal time is 12:00 pm (noon)

** DATE MOVED FORWARD DUE TO A HOLIDAY**

APPROVED THE 6 DAY OF October, 2022

SIGNATURE OF CHAIRMAN *Steve Thompson*



Baldwin County Planning & Zoning Commission Agenda

Thursday, April 7, 2022

4:00 p.m.

Baldwin County Central Annex

Main Auditorium

22251 Palmer Street

Robertsdale, Alabama

www.planning.baldwincountyal.gov

1. **Call to order.**
2. **Invocation and prayer.**
3. **Pledge of Allegiance.**
4. **Roll call.**
5. **Approval of meeting minutes:**
 - March 3, 2022 Work Session Minutes
 - March 3, 2022 Meeting Minutes
 - March 22, 2022 Special Called Meeting Minutes
6. **Announcements/Registration to address the Commission.**
7. **Consideration of Applications and Requests: Rezoning Cases**

a.) Case Z22-3, Century Plaza Property

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting to rezone 22.9 acres+/- from RA to MR to allow expansion of the Barbers Marina, boatyard, marine services, and offices on the parcel.

Location: The subject property is located on Fish Trap Road adjacent to Barber Marina, in Planning District 32.

b.) Case Z22-4, Smith Property

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting to rezone 0.53 acres+/- from B-2 to B-3 to allow a drive thru coffee shop on the parcel.

Location: The subject property is located on the east side of US Hwy 98, in Planning District 16.

8. Consideration of Applications and Requests: Subdivision Cases

a.) Case SC22-4, Persimmon Creek Estates PH I, Preliminary Plat Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting a Preliminary Plat Approval of a 9-lot subdivision on 186.87 acres+/- be known as Persimmon Creek Estates PH I.

Location: The subject property is located at the intersection of Lechner Road and County Rd 64.

b.) Case SV22-2, Persimmon Creek Estates PH I, Subdivision Variance Request

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section 15(b), Planning Commission By-Laws

Purpose: The applicant is requesting a variance from the Baldwin County Subdivision Regulations to allow a remnant parcel to be excluded from Persimmon Creek Estates PH I.

Location: The subject property is located at the intersection of Lechner Road and County Rd 64.

c.) Case SC22-9, Re-subdivision of Lot 2, East Ninety Subdivision, Preliminary Plat approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section15(b), Planning Commission By-Laws

Purpose: The applicant is requesting a Preliminary Plat Approval of a 4-lot subdivision on 24.14 acres+/- be known as Re-subdivision of Lot 2, East Ninety Subdivision.

Location: The subject property is located at the intersection Ard Road and US Hwy 90 in the Elsanor community.

d.) Case SC22-11, BFLC Elam Creek East PH II- 1st Addition, Preliminary Plat approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section15(b), Planning Commission By-Laws

Purpose: The applicant is requesting a Preliminary Plat Approval of a 5-lot subdivision on 119.55 acres+/- be known as BFLC Elam Creek East PH II.

Location: The subject property is located on the north side of Linholm Road approximately ¼ mile west of Co Rd 87.

e.) Case SC22-13, Grand View Subdivision, Preliminary Plat Approval

Disclosure of Prior Outside Communication –Pursuant to Article VI, Section15(b), Planning Commission By-Laws

Purpose: The applicant is requesting a Preliminary Plat Approval of a 2-lot subdivision on 19.52 acres+/- be known as Grand View Subdivision.

Location: The subject property is located on the west side of Co Rd 95, approximately ¼ miles south of Co Rd 32.



**Baldwin County Planning and Zoning Commission
Meeting Minutes
Thursday, April 7, 2022**

I. CALL TO ORDER

Chairman Steve Pumphrey called to order the regular meeting of the Baldwin County Planning and Zoning Commission at 4:01 p.m. on April 7, 2022, at the Baldwin County Central Annex Main Auditorium, 22251 Palmer Street, Robertsdale, Alabama.

II. OPENING

Chairman Pumphrey opened the meeting with an invocation and prayer. He also led the pledge of allegiance.

III. ROLL CALL

Chairman Pumphrey conducted a roll call. The following members were present: Steve Pumphrey, Daniel Nance, Robert Davis, Michael Mullek, Greg Seibert, Bill Booher, Jamie Strategier and Brandon Bias. Members Plumer Tonsmeire and Jason Padgett were absent. County Attorney Erin Fleming was also present.

Staff present included Matthew Brown, Buford King, Celena Boykin, DJ Hart, Mary Booth, Crystal Bates, Fabia Waters, Vince Ramer, Orié King, Robert Brown.

IV. APPROVAL OF THE MINUTES

Michael Mullek made a motion to approve the March 3, 2022, work session and the March 3, 2022 meeting minutes and the March 22, 2022 Special Meeting. Greg Seibert seconded the motion. All members voted aye. **The motion to approve the March 3, 2022, Planning Commission work session minutes, the March 3, 2022, Planning Commission meeting minutes and the March 22, 2022 Special meeting minutes carried on a vote of 8-0.**

V. ANNOUNCEMENTS/REGISTRATION

Chairman Pumphrey explained the public hearing registration and meeting procedures.

VI. CONSIDERATION OF APPLICATIONS AND REQUESTS – REZONING CASES

a.) CASE Z23-3 CENTURY PLAZA PROPERTY REZONING REQUEST

Request to rezone approximately 22.9 acres from RA to MR to allow expansion of the Barbers Marina, boatyard, marine services and offices. The subject property is located on Fish Trap Road adjacent to Barber Marina in Planning District 32.

Celena Boykin presented the request and reported recommendation of approval by staff. Charles Jurkiewicz was present to represent the applicant.

Bill Booher made a motion to approve the request, Michael Mullek seconded the motion. All members voted aye. **Motion to approve Case Z22-3, Century Plaza Property Rezoning, carries on a vote of 7-0.**

b.) CASE Z22-4 SMITH PROPERTY REZONING REQUEST

Request to rezone approximately .53 acres from B-2 to B-3 to allow a drive thru coffee shop on the parcel. The subject property is located on the east side of US Highway 98 in Planning District 16.

Celena Boykin presented the request and reported recommendation of approval by staff. Chris Lieb and William Hanes were present to represent the applicant.

Bill Booher made a motion to approve the request, Brandon Bias seconded the motion. All members voted aye. **Motion to approve Case Z22-4, Smith Property Rezoning, carries on a vote of 7-0.**

VII. CONSIDERATION OF APPLICATIONS AND REQUESTS – SUBDIVISION CASES

a.) CASE SC22-4, PERSIMMON CREEK ESTATES PH 1 PRELIMINARY PLAT APPROVAL AND SV22-2, PERSIMMON CREEK ESTATES PH 1 VARIANCE APPROVAL

Request for preliminary plat approval for a 9-lot subdivision on approximately 196.87 acres, to be called Persimmon Creek Estates Ph 1, located at the intersection of Lechner Road and County Rd 64. And Case SV22-2, a subdivision variance to allow a remnant parcel to be excluded from Persimmon Creek Estates Ph1.

Buford King presented the request and reported recommendation of approval by staff subject to compliance with the Baldwin County Subdivision Regulations and approval of the variance request. Jason Linder was present to answer questions from the commission about the project. Manuel Pena was present in opposition.

SV22-2 PERSIMMON CREEK ESTATES VARIANCE REQUEST, Brandon

Bias made a motion to approve the request. Greg Seibert seconded the motion. All members voted aye. **Motion to approve Case SV22-2 carried on a vote of 7-0.**

SC22-4 PERSIMMON CREEK ESTATES PRELIMINARY PLAT APPROVAL,

Brandon Bias made a motion to approve the request. Greg Seibert seconded the

motion. All members voted aye. **Motion to approve Case SC22-4 carried on a vote of 7-0.**

b.) CASE SC22-9, RE-SUBDIVISION OF LOT 2, EAST NINETY SUBDIVISION PRELIMINARY PLAT APPROVAL

Request for preliminary plat approval for a 4-lot subdivision on approximately 24.14 acres to be known as East Ninety Subdivision, located at the intersection of Ard Road and US Hwy 90 in the Elsanor community.

Buford King presented the request and reported recommendation of approval by staff subject to compliance with Baldwin County Subdivision Regulations. Stuart Smith signed up to represent the owner. No one signed up in opposition.

Daniel Nance made a motion to approve the preliminary plat. Robert Davis seconded the motion. All members voted aye. **Motion to approve Case SC22-9, Resubdivision of Lot 2, East Ninety Subdivision Preliminary Plat Approval carried on a vote of 7-0.**

c.) CASE SC22-11, BFLC ELAM CREEK EAST PH II-1ST ADDITION SUBDIVISION PRELIMINARY PLAT APPROVAL

Request for preliminary plat approval for a 5-lot subdivision on approximately 119.55 acres to be known as BFLC Elam Creek East PHII, located on the north side of Linholm Road approximately ¼ mile west of Co Rd 87.

Mary Booth presented the request and reported recommendation of approval by staff subject to compliance with Baldwin County Subdivision Regulations. Trent Wilson signed in to represent the owner. Diane Long signed up in opposition and presented pictures of the parcel with RV's, single wide mobile home and had other problems with the property.

Robert Davis made a motion to approve the preliminary plat. Greg Seibert seconded the motion. All members voted aye. **Motion to approve Case SC22-11, BFLC ELAM CREEK EAST PH II-1ST ADDITION SUBDIVISION PRELIMINARY PLAT APPROVAL carried on a vote of 7-0.**

d.) CASE SC22-13, GRAND VIEW SUBDIVISION PRELIMINARY PLAT APPROVAL

Request for preliminary plat approval for a 2-lot subdivision on approximately 19.52 acres to be known as Grand View Subdivision, located on the west side of Co Rd 95, approximately ¼ miles south of Co Rd 32.

Buford King presented the request and reported recommendation of approval by staff subject to compliance with Baldwin County Subdivision Regulations. Cody Maley signed up to represent the owner. No one signed up in opposition.

Brandon Bias made a motion to approve the preliminary plat. Greg Seibert seconded the motion. All members voted aye. **Motion to approve Case SC22-13, GRAND VIEW SUBDIVISION PRELIMINARY PLAT APPROVAL carried on a vote of 7-0.**

VIII. OLD BUSINESS:

NO OLD BUSINESS

IX. NEW BUSINESS:

e.) CASE HCA22-2, SYNERGY HOMES HIGHWAY CONSTRUCTION SETBACK REQUEST

The applicant is requesting an appeal to allow a structure already under construction, to remain in the Highway Construction Setback. The parcel is located on Co Rd 55, in the Hoiles Heights Subdivision, near Silverhill.

Matthew Brown presented the request and reported recommendation of approval by staff. Wayne Griffith was present in favor of the request. There was a discussion of possible implications of approving.

Brandon Bias made a motion to approve the request, Greg Seibert seconded the motion. All members voted aye. **Motion to approve Case HCA22-2, SYNERGY HOMES HIGHWAY CONSTRUCTION SETBACK REQUEST, carries on a vote of 7-0.**

X. REPORTS AND ANNOUNCEMENTS

a.) STAFF REPORTS

- Matthew Brown asked for feedback on the upcoming Text Amendments

b.) LEGAL COUNSEL REPORTS

- Erin Fleming reported there were no legal reports.

c.) NEXT REGULAR MEETING

- Chairman Pumphrey stated the next regular meeting is March 5, 2022

XI. ADJOURNMENT

As there was no further business the meeting adjourned at 5:31 p.m.

DJ Hart
DJ Hart, Planning Technician

5/5/22
Date

Steve Pumphrey
Steve Pumphrey, Chairman
Baldwin County Planning and Zoning Commission

5-5-22
Date

* A video recording of this meeting may be viewed on online at www.baldwincountyal.gov.

NO OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Central Annex, Robertsdale, AL.

Z22-3, Century Plaza Property

Rezone RA to MR

- All individuals wishing to address the Planning Commission MUST fill out a speaking request form.
- No person may address the Planning Commission without first obtaining recognition from the Chair and will be allowed up to three (3) minutes. Any speaker who indicated that he (she) is speaking also for (in place of) others present may be granted additional time, at the Chair's discretion.
- When four (4) or more persons have registered to speak, the Chair may encourage the speakers to appoint a spokesperson, who will then be given up to ten (10) minutes to speak.
- Speakers shall be required to speak from the podium equipped with a microphone and will be expected to state their name and address for the record at the onset of their presentation.
- Speakers shall confine comments or questions solely to matters that pertain to the particular case and shall observe time limits.
- Profane, insulting or threatening language or gestures, or disruptive behavior of any kind shall not be tolerated. If such unacceptable behavior is engaged, the speaker may be asked by the Chair to cease and desist and/or may be directed to depart the meeting.

I would like to address the Planning Commission on the following:

Z22-3, Century Plaza Property, Rezone RA to MR

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

CHARLES JURKIEWICZ

Name (Print Clearly)

Jurkiewicz

Date _____

NO OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Central Annex, Robertsdale, AL.

Z22-4, Smith Property

Rezone B2- B3

- All individuals wishing to address the Planning Commission MUST fill out a speaking request form.
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- When four (4) or more persons have registered to speak, the Chair may encourage the speakers to appoint a spokesperson, who will then be given up to ten (10) minutes to speak.
- Speakers shall be required to speak from the podium equipped with a microphone and will be expected to state their name and address for the record at the onset of their presentation.
- Speakers shall confine comments or questions solely to matters that pertain to the particular case and shall observe time limits.
- Profane, insulting or threatening language or gestures, or disruptive behavior of any kind shall not be tolerated. If such unacceptable behavior is engaged, the speaker may be asked by the Chair to cease and desist and/or may be directed to depart the meeting.

I would like to address the Planning Commission on the following:

Z22-4, Smith Property, Rezone B2 to B3

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

CHRIS LIES

Name (Print Clearly)

Date

4/7/2022

NO OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Central Annex, Robertsdale, AL.

Z22-4, Smith Property

Rezone B2- B3

- All individuals wishing to address the Planning Commission MUST fill out a speaking request form.
- No person may address the Planning Commission without first obtaining recognition from the Chair and will be allowed up to three (3) minutes. Any speaker who indicated that he (she) is speaking also for (in place of) others present may be granted additional time, at the Chair's discretion.
- When four (4) or more persons have registered to speak, the Chair may encourage the speakers to appoint a spokesperson, who will then be given up to ten (10) minutes to speak.
- Speakers shall be required to speak from the podium equipped with a microphone and will be expected to state their name and address for the record at the onset of their presentation.
- Speakers shall confine comments or questions solely to matters that pertain to the particular case and shall observe time limits.
- Profane, insulting or threatening language or gestures, or disruptive behavior of any kind shall not be tolerated. If such unacceptable behavior is engaged, the speaker may be asked by the Chair to cease and desist and/or may be directed to depart the meeting.

I would like to address the Planning Commission on the following:

Z22-4, Smith Property, Rezone B2 to B3

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

William Hanes

Name (Print Clearly) 1

Date 4/7/2022

OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Fairhope Satellite Courthouse, 1100 Fairhope Ave., Fairhope, AL. 36532

SC22-4, Persimmon Creek Estates PH I,

Preliminary Plat Approval

- All individuals wishing to address the Planning Commission MUST fill out a speaking request form.
- No person may address the Planning Commission without first obtaining recognition from the Chair and will be allowed up **to three (3) minutes**. Any speaker who indicated that he (she) is speaking also for (in place of) others present may be granted additional time, at the Chair's discretion.
- **When four (4) or more persons have registered to speak, the Chair may encourage the speakers to appoint a spokesperson, who will then be given up to ten (10) minutes to speak.**
- Speakers shall be required to speak from the podium equipped with a microphone and will be expected to state their name and address for the record at the onset of their presentation.
- Speakers shall confine comments or questions solely to matters that pertain to the particular case and shall observe time limits.
- Profane, insulting or threatening language or gestures, or disruptive behavior of any kind shall not be tolerated. If such unacceptable behavior is engaged, the speaker may be asked by the Chair to cease and desist and/or may be directed to depart the meeting.

I would like to address the Planning Commission on the following:

SC-22-4 Persimmon Creek Estates PH I, Preliminary Plat Approval

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

Manuel Pena

Name (Print Clearly)

Date 4/7/20

NO OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Central Annex, Robertsedale, AL.

SV22-4 Persimmon Creek Estates PH I,

Subdivision Variance Request

- All individuals wishing to address the Planning Commission MUST fill out a speaking request form.
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- Speakers shall be required to speak from the podium equipped with a microphone and will be expected to state their name and address for the record at the onset of their presentation.
- Speakers shall confine comments or questions solely to matters that pertain to the particular case and shall observe time limits.
- Profane, insulting or threatening language or gestures, or disruptive behavior of any kind shall not be tolerated. If such unacceptable behavior is engaged, the speaker may be asked by the Chair to cease and desist and/or may be directed to depart the meeting.

I would like to address the Planning Commission on the following:

SV22-4 Persimmon Creek Estates PH I, Subdivision Variance Request

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

JASON CINDER

Name (Print Clearly)

Date 4/7/22

NO OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Central Annex, Robertsdale, AL.

SC22-4 Persimmon Creek Estates PH I,

Preliminary Plat Approval

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I would like to address the Planning Commission on the following:

SC22-4 persimmon Creek Estates PH I, Preliminary Plat Approval

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

JASON CINDER

Name (Print Clearly)

Date 4/7/22

NO OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Central Annex, Robertsdale, AL.

SC22-9 Re-subdivision of Lot 2, East Ninety Subdivision

Preliminary Plat Approval

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I would like to address the Planning Commission on the following:

SC22-9 Re- subdivision of Lot 2, East Ninety Subdivision, Preliminary Plat Approval

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

STUART SMITH

Name (Print Clearly)

Date

4/07/2022

OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Fairhope Satellite Courthouse, 1100 Fairhope Ave., Fairhope, Al. 36532

SC22-11, BFLC Elam Creek East PH II-1st Addition

Preliminary Plat Approval

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I would like to address the Planning Commission on the following:

SC22-11, BFLC Elam Creek East PH II-1st Addition, Preliminary Plat Approval

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

DIANNE LONG

Name (Print Clearly)

Date 4-7-22

NO OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Central Annex, Robertsdale, AL.

SC22-11, BFLC Elam Creek East PH II- 1st Addition

Preliminary Plat Approval

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I would like to address the Planning Commission on the following:

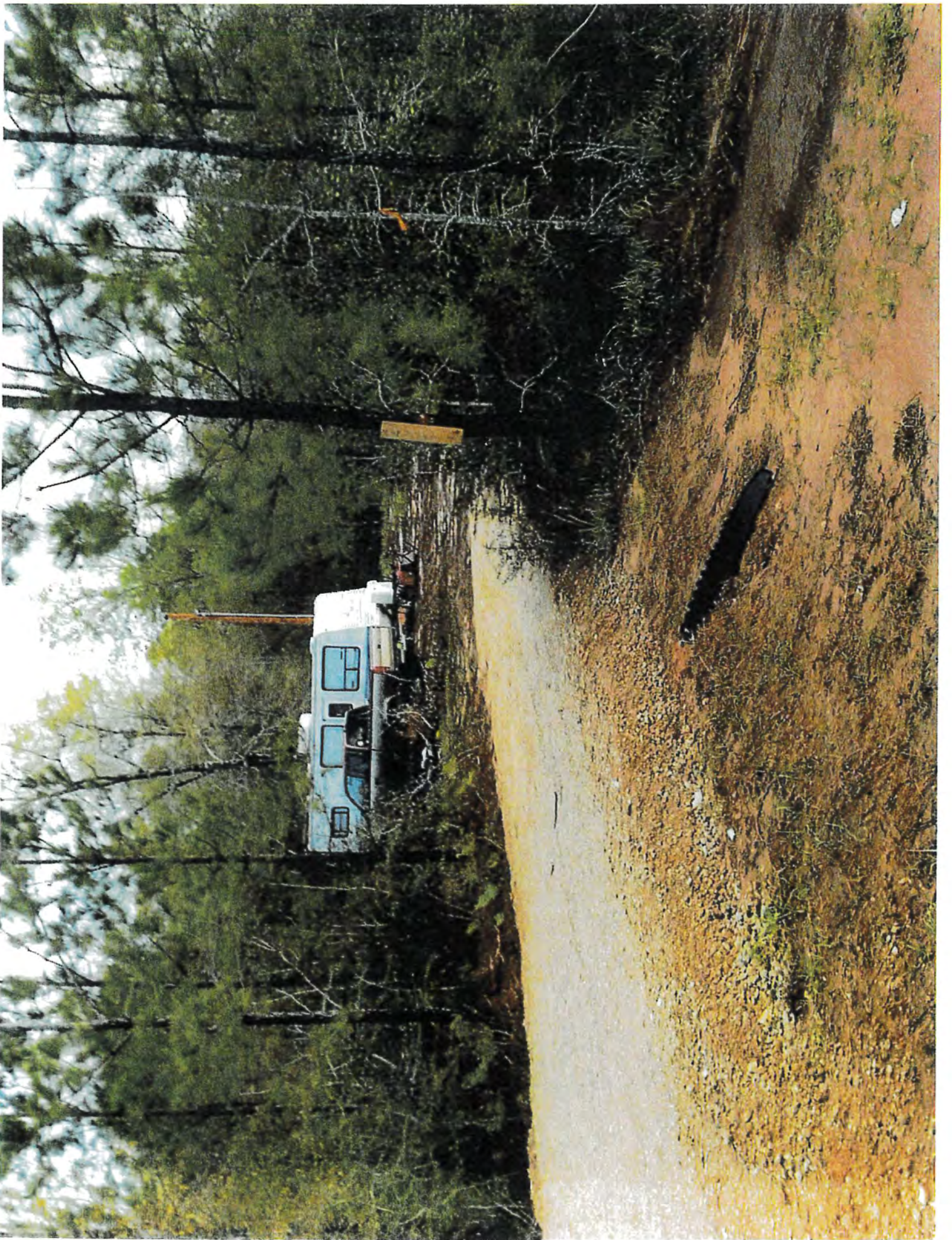
SC22-11, BFLC Elam Creek East PH II- 1st Addition, Preliminary Plat Approval

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

Trent Wilson

Name (Print Clearly)

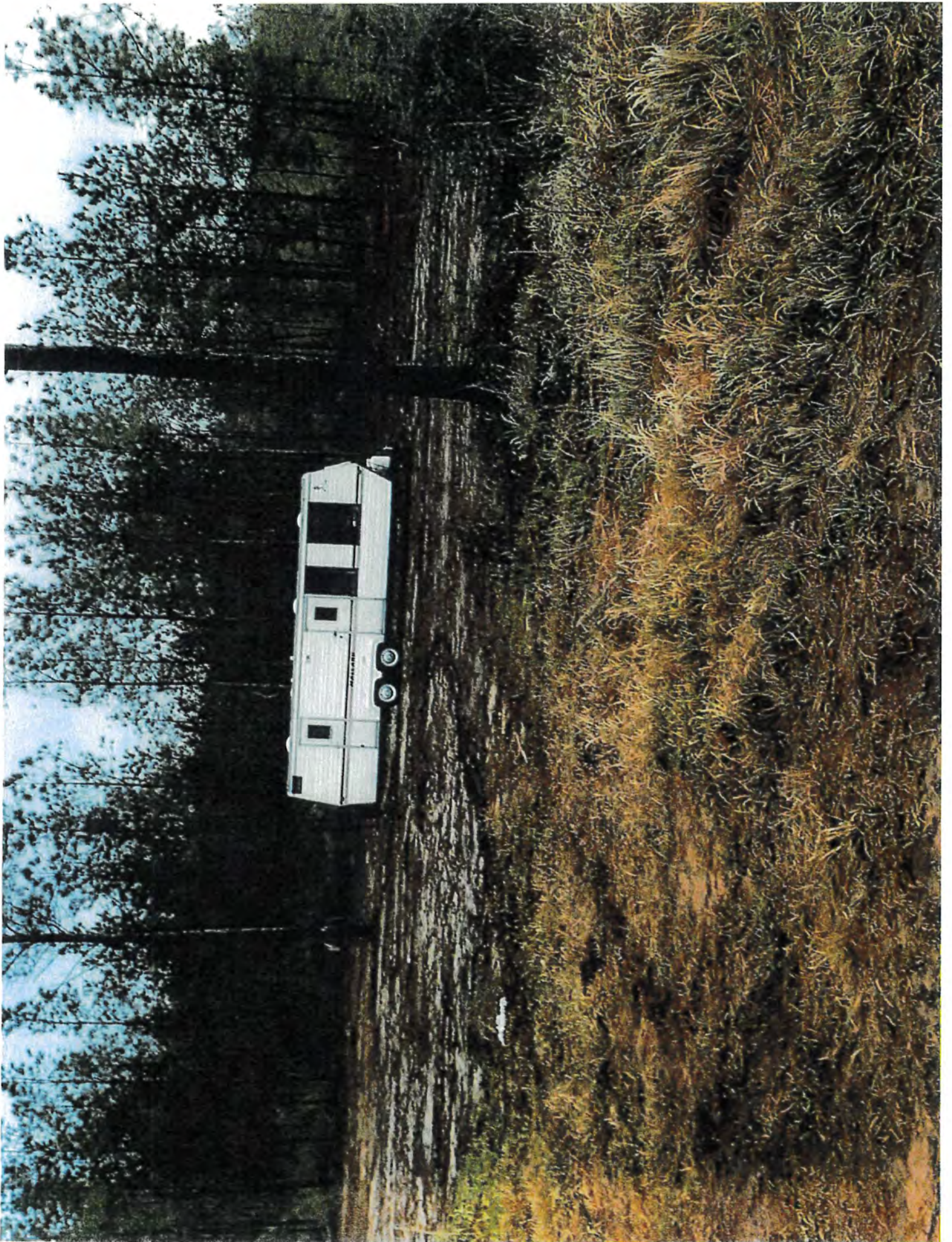
Date 4/7/22





26557

LINHOLM, RD







NO OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Central Annex, Robertsdale, AL.

HCA22-2, Synergy Homes

Highway Construction Setback Appeal

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I would like to address the Planning Commission on the following:

HCA22-2, Synergy Homes, Highway Construction Setback Appeal

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

Wayne Smith

Name (Print Clearly)

Date 4-7-21

NO OPPOSITION REGISTRATION FORM

BALDWIN COUNTY PLANNING COMMISSION

SPEAKING REGISTRATION TO ADDRESS THE COMMISSION

Baldwin County Central Annex, Robertsdale, AL.

SC22-13, Grand View Subdivision

Preliminary Plat Approval

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I would like to address the Planning Commission on the following:

SC22-13, Grand View Subdivision Preliminary Plat Approval

(If you want to speak on multiple items, you must fill out a separate registration form for each.)

Cody McKey

Name (Print Clearly)

Date 4/7/2022

5.2.2.6

County Commission

County, Alabama

County Commission Meetings Calendar

Baldwin County Commission Work Session

notes closed captions

Meeting Date	Meeting Time	Meeting Location	Meeting Details	Agenda
12/18/2023	8:30 AM	Baldwin County Administration Building County Commission Meeting Chambers 322 Courthouse Square Bay Minette, Alabama 36507	Meeting details	Not availat
12/4/2023	8:30 AM	Baldwin County Administration Building County Commission Meeting Chambers 322 Courthouse Square Bay Minette, Alabama 36507	Meeting details	Not availat
11/20/2023	8:30 AM	Baldwin County Central Annex Auditorium 22251 Palmer Street Robertsdale, Alabama 36567	Meeting details	Not availat
11/6/2023	8:30 AM	Baldwin County Central Annex Auditorium 22251 Palmer Street Robertsdale, Alabama 36567	Meeting details	Not availat
10/16/2023	8:30 AM	Baldwin County Fairhope Satellite Courthouse County Commission Meeting Chambers – 2nd Floor 1100 Fairhope Avenue Fairhope, Alabama 36532	Meeting details	Not availat
10/2/2023	8:30 AM	Baldwin County Fairhope Satellite Courthouse County Commission Meeting Chambers – 2nd Floor 1100 Fairhope Avenue Fairhope, Alabama 36532	Meeting details	Not availat
9/18/2023	8:30 AM	Baldwin County Administration Building County Commission Meeting Chambers 322 Courthouse Square Bay Minette, Alabama 36507	Meeting details	Not availat
9/5/2023	8:30 AM	Baldwin County Administration Building County Commission Meeting Chambers 322 Courthouse Square Bay Minette, Alabama 36507	Meeting details	Not availat
8/14/2023	8:30 AM	Baldwin County Foley Satellite Courthouse Large Meeting Hall 201 East Section Avenue Foley, Alabama 36535	Meeting details	Not availat
7/31/2023	8:30 AM	Baldwin County Central Annex Auditorium 22251 Palmer Street Robertsdale, Alabama 36567	Meeting details	Not availat
7/17/2023	8:30 AM	Baldwin County Central Annex Auditorium 22251 Palmer Street Robertsdale, Alabama 36567	Meeting details	Not availat
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5/15/2023	8:30 AM	Baldwin County Administration Building County Commission Meeting Chambers 322 Courthouse Square Bay Minette, Alabama 36507	Meeting details	Agenda
5/1/2023	8:30 AM	Baldwin County Administration Building County Commission Meeting Chambers 322 Courthouse Square Bay Minette, Alabama 36507	Meeting details	Agenda
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3/6/2023	8:30 AM	Baldwin County Central Annex Auditorium 22251 Palmer Street Robertsdale, Alabama 36567	Meeting details	Agenda
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County, Alabama

County Commission Meetings Calendar

Baldwin County Commission Work Session notes closed captions

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Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMPP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1bv</i>	5.2.3	<i>Commissions, Board of Adjustment & Other Public Involvement Opportunities</i>	<i>Through out the permit cycle, The County will track all Master Plan public meetings.</i>	ALL	P&Z
		Date	Meeting		
		6/6/2023	Public Hearing		
		3/23/2023	Planning Commission Public Hearing		
		7/19/2022	Public Hearing		
		7/11-12/2022	Public Hearing		



OUR VISION

A Citizen's Guide to Growth in Baldwin County

Upcoming Public Hearing:

Tuesday, June 6, 2023 at 8:30 a.m.

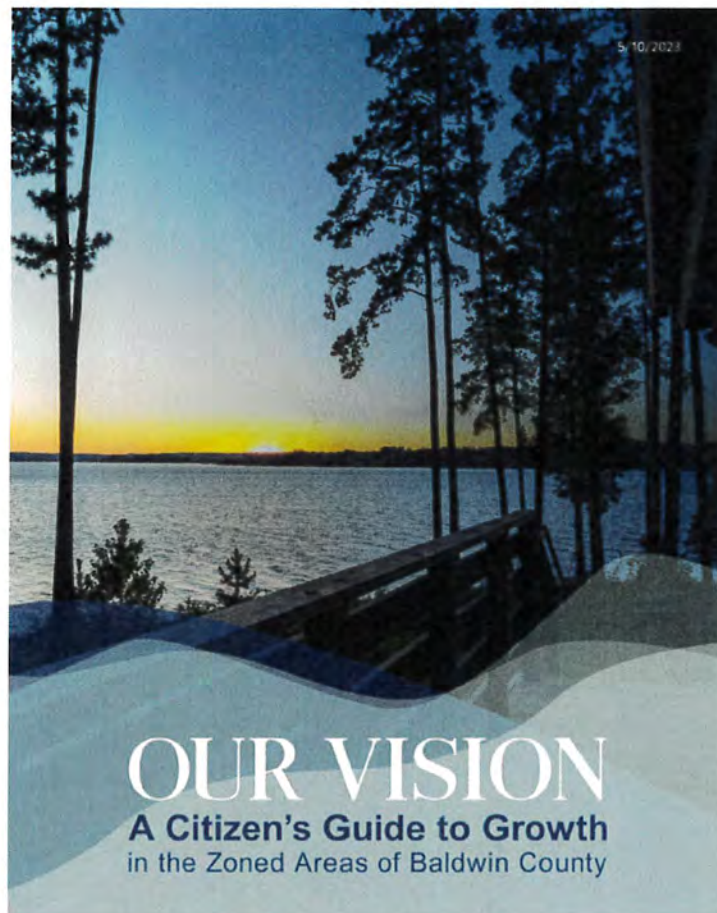
Baldwin County Administration Building

County Commission Chambers

322 Courthouse Square

Bay Minette, AL 36507

Robertsdale, AL 36576



Final Draft Guide to Growth

[VIEW DOCUMENT HERE!](#)

Future Land Use Map With (Higher Resolution)

VIEW DOCUMENT HERE!

Planning Commission Public Hearing Video ~ Thursday, March 23, 2023

WATCH VIDEO HERE

10 Questions & Answers about the Draft Guide to Growth

WATCH VIDEO HERE!

Submit All Public Comments to: planning@baldwincountyal.gov

SUBMIT PUBLIC COMMENTS HERE!



Baldwin County has hosted in-person and virtual community meetings over the past 6-8 months to receive public feedback on the County's strategy for addressing current and future challenges and sensitively optimizing growth opportunities. Meeting topics included growth and economic development, natural resource protection and stewardship, rural sector protection, infrastructure service, diversifying housing opportunities, and job creation. We also discussed various tools that can be used to help achieve this vision over time.

FAQs

What is this guide for and how will it be used?

Why is Baldwin County required to go through this process?

What is the timeline and process for this guide's adoption?

Who is working on the guide and how were they selected? Who is paying for this?

Who are the stakeholders that have been engaged during the planning process?

How can I engage in the guide development process?

What is the difference between a zoned and unzoned area in the County in the context of this guide?

How does Baldwin County currently review re-zoning applications and subdivision developments?

Can Baldwin County pause all re-zoning applications and subdivision developments until this guide is adopted?

Does this guide change the land use designation or zoning of my property?

Does this guide change any ordinances or processes that are currently in place?

Past Meetings

Public Meetings - Round Two (July 2022)

Baldwin County hosted a second round of public meetings on July 11th and 12th as part of the process to develop a Citizen's Guide to Growth in the County. This series of meetings centered around reviewing draft vision, themes, and strategies shaped by previous rounds of public input, draft future land use framework, and a discussion around rural character protection. If you were unable to attend in person, the presentation materials and live recording will be posted on this page. After reviewing, we hope you will [participate in the polling questions here](#).

Your feedback is critical to creating a successful future that enables Baldwin

Live Comprehensive Plan Webin...



- [Public Meeting 2 Presentation](#) - live recording (above)
- [Public Meeting 2 Presentation - PDF](#)
- [Public Meeting 2 Posters - PDF](#)

County to remain a great place to live and prosper!

Public Meetings - Round One (March 2022)

Baldwin County hosted the first round of a series of public meetings on March 16th and 17th as part of the process to develop a Citizen's Guide to Growth in the County. The meeting was also live-streamed on the [Baldwin County Commission Facebook page](#). This first series of meetings centered around introducing the project process, findings from the first community pulse survey, live-polling questions, and an open discussion. These meetings and future rounds of input will help to set priorities around a community-based vision.

- [Public Meeting Presentation - live recording](#)
- [Public Meeting Presentation - PDF](#)

planning@baldwincountyal.gov

LIVE WEBINAR PRESENTATION GIVEN ON
JULY 19, 2022

OUR VISION

A Citizen's Guide to Growth in Baldwin County

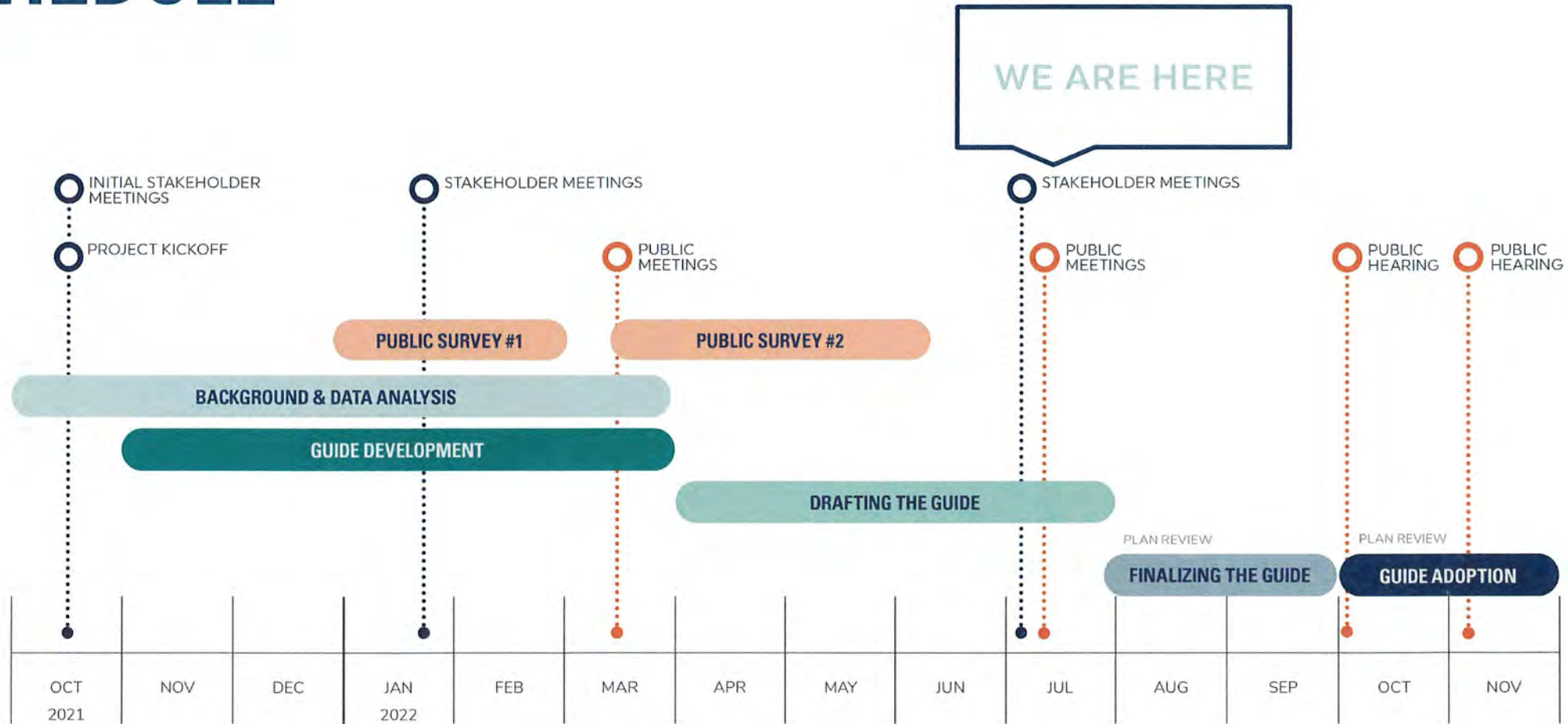
PREPARED BY:

DESIGNWORKSHOP

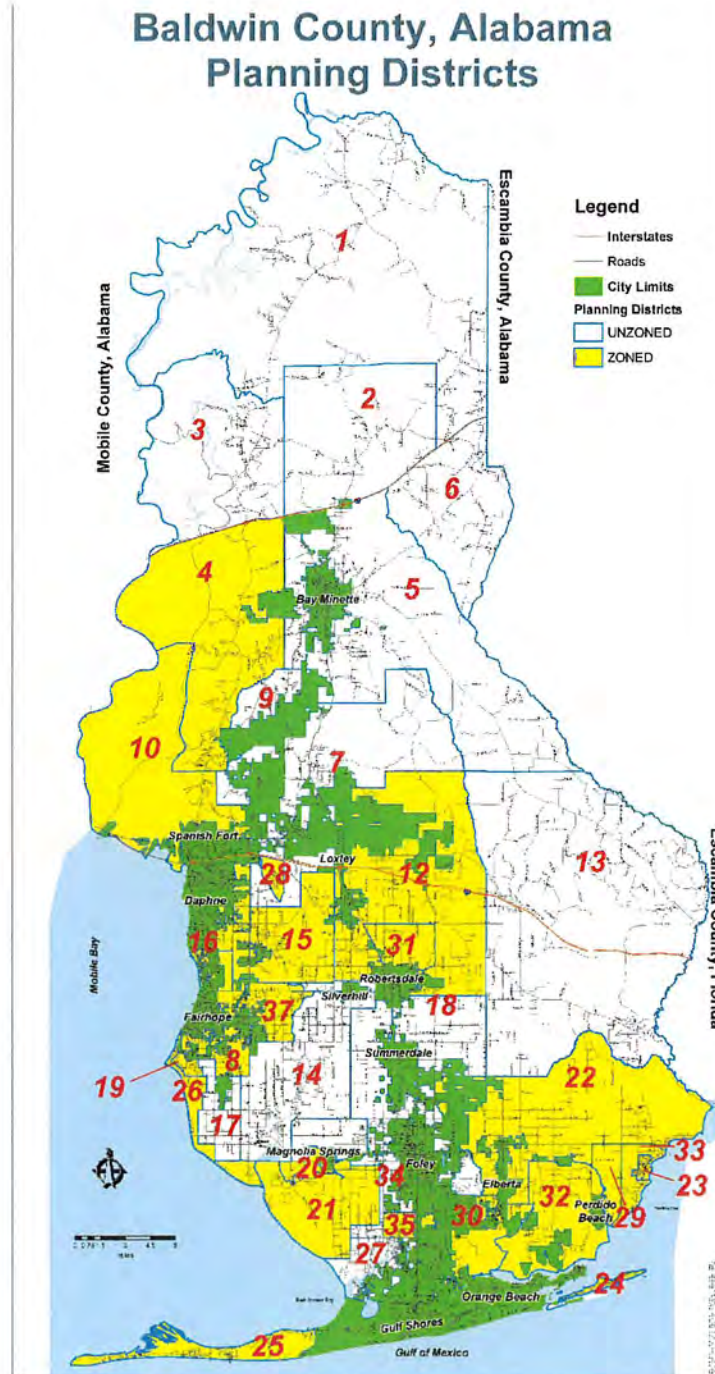
AGENDA

- Overview
- Pulse Survey Results
- Growth Analysis (Red Dot)
- Community Meetings Summary (Polling Results)
- Draft Themes and Strategies
- Future Land Use Guide: Draft Framework
 - Shades of Green (Environmental Priority)
 - Shades of Orange (Development Priority)
 - Scorecard
 - Nodes and Roads / Rural and Agricultural Character

SCHEDULE



SCOPE OF GUIDE: ZONED PLANNING DISTRICTS



DRAFT VISION AND THEMES

Vision Statement: Baldwin County is a diverse community built upon our shared and strong values for the natural environment; our rural and agricultural heritage; property rights; small town character; recreation; the quality of our neighborhoods; access to the water; and our unique image and sense of place.

COMMUNITY INPUT



Through collaboration with planning staff and the community, the following six themes were drafted to guide the plan's recommendations:

PROTECTING AGRICULTURAL LANDS AND OUR RURAL COMMUNITIES

Baldwin County's rural and agricultural landscapes are fundamental to its image, character and quality of life. The community clearly expressed a powerful desire to protect agricultural lands from suburban development, which impacts farm operations and the rural character of the County.

KEY STRATEGIES:

1. Create a simple and clear educational program for the community on the value of rural protection and natural resource conservation.
2. Engage the community in a discussion of what "rural lands" mean to Baldwin County and what the vision for those lands are.
3. Describe the link and benefit with zoning or land use controls.
4. Reflect rural character and conservation in the Guide based on environmental priority mapping and community input.
5. Encourage zoning that contributes to agriculture and rural protection, and the ability to continue to farm, in those places that want it.
6. Create a voluntary agricultural district or enhanced volunteer agricultural district.

MAINTAINING CHARACTER OF OUR COMMUNITIES AND QUALITY OF LIFE

Baldwin County's neighborhoods and communities can promote connectivity, sense of place, character, and quality of life. This is accomplished by providing walkable and bikeable places for living, working, shopping, recreation, and interacting for diverse age groups, income levels, and abilities. Community character is something that doesn't happen by accident; it requires a commitment and a shared vision.

KEY STRATEGIES:

1. Consider expanding buffers between incompatible uses and against sensitive environments within subdivision ordinance; create landscape standards for rural roadway edges, buffer dimensions, clearing restrictions, fencing / wall / signage guidance to promote / reflect rural character.
2. Consider creating specific subdivision ordinances based on specific use types, such as rural subdivisions, suburban subdivisions, New-traditional communities.
3. Work with municipalities on a common approach and standards for rural and agricultural preservation and conservation.
4. Revise subdivision regulations to create a distinct regulation for rural subdivisions, or lands that have been targeted for agricultural or environmental conservation purposes.
5. Utilize the mechanism that allows County to zone areas "prone to flooding".
6. Establish task to consider the benefits of design guidelines and/or farm-based codes for potential testing in one or two well established zoned Planning Districts.
7. Consider the creation of "floating zones" that allow nodal developments or community types at compatible locations, such as at key crossroads, or adjacent to existing community developments.
8. Add to the number of roads designated as scenic highways and establish design standards for buildings, parking, signage, and landscape along the frontage of these roadways.
9. Control curb cuts along rural roads and create "access management" considerations to avoid random curb cuts along major roadways and highways.
10. Establish larger building setbacks for rural roadways.



PROTECTING OUR UNIQUE NATURAL ENVIRONMENT AND MITIGATING FLOODS

Baldwin County's natural resources are fundamental to our lifestyle, economy, well-being and protection against flooding. Protecting and maintaining natural resources are a primary objective within planning for growth and maintaining our character.

KEY STRATEGIES:

1. Link environmental resource planning with zoning, growth management, subdivision regulations, land use planning, development standards, and hazard mitigation planning to promote:
 - Natural resource protection
 - Maintaining water quality
 - Protecting the floodplain
 - Protecting critical habitat
 - Maintaining tree cover
2. Create an open space strategy that describes land areas that would be good ones to target for public recreation access, habitat protection, environmental protection
3. Allow wetland mitigation banking, open space natural parks, and similar uses in agricultural zone districts
4. Consider the use of overlays to protect natural resource areas, such as critical locations within a watershed
5. Promote conservation-based development in areas of high natural resource

EQUITABLE DISTRIBUTION OF PUBLIC SERVICES

Public health, safety and education are valued by providing access to housing choices, high quality schools, libraries, healthy foods, parks and recreation, health care, safe neighborhoods, art and culture. This plan for organized growth can guide communities as they provide services to maintain a high quality of life across the County.

KEY STRATEGIES:

1. Conduct regular coordination meetings with the school board to coordinate school construction in locations of desirable growth
2. Work with water and sewer providers to coordinate utility service extension to areas of preferred growth and expansion, focusing on areas that have county or municipal jurisdiction and located adjacent to already served areas
3. Work with municipalities on limiting receiving of water-water from areas that do not have county zoning or areas that are not adjacent to previously developed areas
4. Consider not accepting roadways and roadway maintenance responsibility from developments that are not within jurisdictional planning areas or areas that do not have zoning
5. Consider ways to share costs for infrastructure extensions with developers so that the County doesn't bear the entire burden
6. Ensure that new developments provide space for National Parks and Recreation Association standards or greater
7. Create standards, based on population, and a long-term plan for the location of libraries, schools, support services, fire, police, EMS, etc. and coordinate with future land use guides.
8. Consider locating community services adjacent to other community services to support nodes across the County
9. Ensure safe multimodal access to adequate neighborhood and community park space, open space and trails, good schools, health care, healthy food choices and community services are woven into the planning of each new neighborhood or community
10. Consider incentives for affordable workforce housing

IMPROVING TRANSPORTATION OPTIONS AND CONNECTIVITY

Key to maintaining community character is the design of roadways. Roadways are the way that we experience the County, and they provide the opportunity to experience the natural and rural landscape, towns and villages, and views to waterways. Committing to the design of roadways, along with trails for bikes and pedestrians, is crucial as it relates to growth management and quality of life.

KEY STRATEGIES:

1. Design street cross sections that fit with the lands and communities that they travel through, such as urban streets, neighborhood streets, rural streets
2. Include sidewalks, street trees, crosswalks, bike lanes on streets that support pedestrian and bike connectivity
3. Over time, develop bus transit services into rural areas to connect them with employment centers
4. Create a comprehensive trails and greenways plan, in collaboration with the municipalities, that links communities to each other, and to parks, regional destinations, cultural assets, and the natural environment
5. Create a future connectivity plan that describes where future roadway connections could be located to enhance connectivity and to avoid having roads becoming too large
6. Coordinate street standards and influence over street design with departments of transportation

REGIONAL COOPERATION

Community character, economic success, natural and cultural resource protection, and transportation connectivity do not always correspond to property lines and political boundaries. Cooperation and collaboration at the regional scale can create a tide that lifts all boats and provide benefits that are expansive to the people who live and visit there.

KEY STRATEGIES:

1. Create a shared vision for growth management. Integrate land use mapping and policies with municipalities and create shared principles and values around growth management
2. Schedule and conduct regular meetings to coordinate policy planning.
3. Create consistent street cross sections that create context sensitive streets and complete streets
4. Integrate environmental systems mapping between County and municipalities
5. Integrate future land use mapping between municipalities and the County during comprehensive plan and land use plan revision processes
6. Create shared objectives around municipalities acceptance sewer effluent, the requirement to be serviced by

7. Allow municipalities to manage subdivision regulations within the municipal planning areas so long as they are consistent with County vision, principles and values
8. Consider having the County focus mostly on rural protection, natural resource conservation, and supporting smaller municipalities in their growth management planning
9. Consider the creation of a Unified Development Ordinance that includes the Municipalities

OUR VISION

A Citizen's Guide to Growth in Baldwin County

Have ideas or feedback? Post them here!

3x3 post-it size



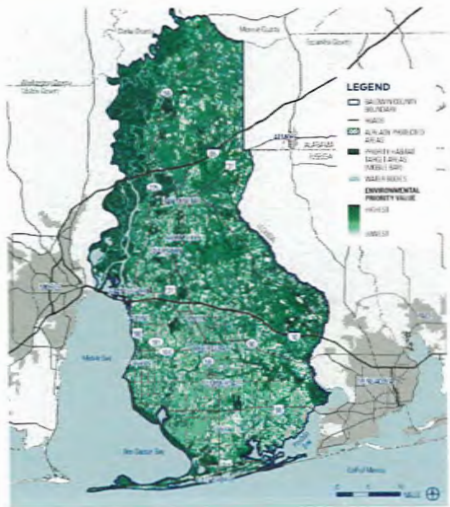
SCAN QR CODE TO VISIT
BALDWINOURVISION.COM

DRAFT - FUTURE LAND USE GUIDE FRAMEWORK

The suitability of land refers to the capacity of land to support a type of land use as well as the attributes that make the area more or less attractive for future growth. The draft suitability below builds a framework of environmental priority areas and development priority areas that can help guide future land use decisions.

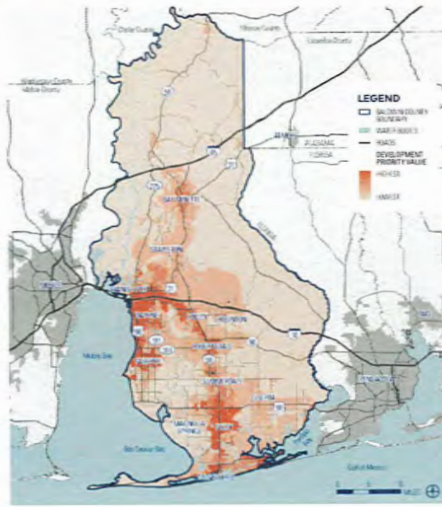
ENVIRONMENTAL PRIORITY

This map overlays environmental data to combine in a "composite" map that describes areas with more overlapping environmental factors. This map does not suggest that lighter areas have no environmental constraints, rather it only suggests they may have fewer than the darker green areas. This criteria was developed with stakeholder review and shaped by community priorities to protect water quality, floodprone areas, wetlands, agricultural lands and tree canopy.



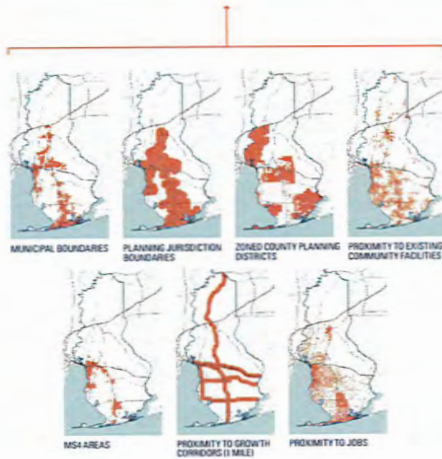
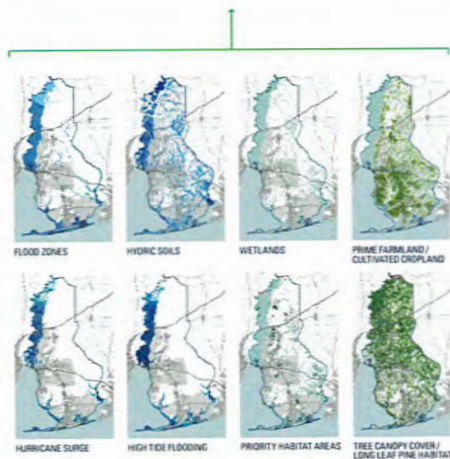
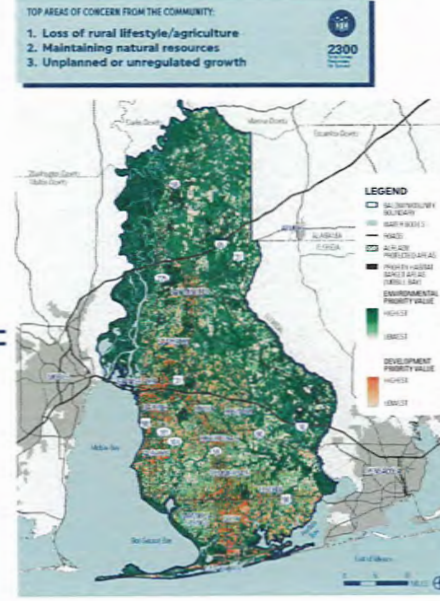
DEVELOPMENT PRIORITY

This map overlays development value criteria data to combine in a "composite" map that describes areas with more factors that make land area desirable for development site selection. This map does not suggest that lighter areas have no development value, rather it suggests that the darker areas are more suitable for higher density development. This criteria was developed based on smart growth principles as well as community and stakeholder input prioritizing growth to occur within already zoned areas and within municipal boundaries.



COMPOSITE MAP

This map overlays the environmental priority composite and development priority composite to describe the relationship, opportunities and constraints when considering future land use.



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RURAL CHARACTER DIMENSIONS

Your input on what you define as "rural" character will help to shape future recommendations for subdivision and zoning requirements. Please place a sticky "dot" below the images that best match what you would consider appropriate standards for rural areas.

MINIMUM LOT SIZE



Place dots here:



Place dots here:



Place dots here:



Place dots here:

MINIMUM SETBACK



Place dots here:



Place dots here:



Place dots here:



Place dots here:

DISTANCE BETWEEN HOMES



Place dots here:



Place dots here:



Place dots here:



Place dots here:

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Have ideas or feedback? Post them here!

3x3 post-it size



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RURAL CHARACTER OF ROADS AND NODES

LESS RURAL CHARACTER - ROADS

MORE RURAL CHARACTER - ROADS

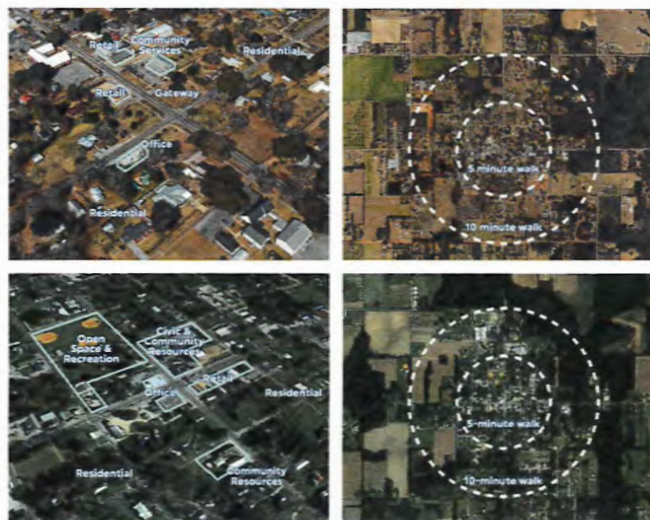


Rural Nodes are local centers, or crossroads, that can serve as community places. These would typically include a convenience store that provides basic daily needs and can include restaurants, shops, and smaller-scale businesses.

The design of the nodes is critical to building and retaining rural character. Design considerations include building height and placement, active ground floor uses, block size, the amount and location of parking, and the street design.

LESS RURAL CHARACTER - NODES

MORE RURAL CHARACTER - NODES



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Have ideas or feedback? Post them here!

3x3 post-it size



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Table 5-1 Baldwin County Phase II MS4
MCM 1-Public Involvement/Public Participation Strategies and Goals

NPDES Permit Section	SWMP Section	5-Public Involvement/Participation Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-B1d</i>	5.4	<i>Program Evaluation</i>	<i>Throughout the permit cycle, evaluate the Public Involvement and Participation. Minimum Control Measure strategies and goals achieved and submit an annual report</i>	ALL	P&Z
2022/2023		Program Evaluation			
			The Public Involvement/Participation Minimum Control		
			Measure strategies and goals have been tracked in our		
			Annual Report's Spreadsheets. No updates are		
			recommended for this MCM in 2024.		

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

NPDES Permit Section	SWMPP Section	6-Illicit Discharge and Elimination Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-2ai	6.4	Data Management	Throughout the permit cycle, the County will continue to improve and update its stormwater infrastructure inventory and inspection process	All	Hwy & P&Z

Storm Water Pipe Inventory

Pipe Shape	Pipe Size (in)	Number (ea)	Length (ft)	Pipe Size (in)	Number (ea)	Length (ft)
Arch	18 X 11	1	64	58 X 36	2	276
	29 X 18	3	85	73 X 45	1	26
	36 X 23	5	386	88 X 54	1	238
	51 X 31	2	402	N/A	1	26
Circular	12	2	926	30	70	10,034
	15	4	427	36	84	10,896
	18	284	27,720	42	17	2,254
	21	138	14,240	48	9	1,472
	24	148	20,852	54	2	361
	27	41	7,120	60	3	416
Elliptical	14 X 23	13	752	32 X 49	4	138
	19 X 30	7	687	34 X 53	3	626
Elliptical	22 X 34	5	494	38 X 60	1	123
	24 X 38	6	692	43 X 68	2	216
	29 X 45	2	138			

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

Storm Water Inlet Inventory

Inlet Type	Number (ea)	Inlet Type	Number (ea)
Grate Inlet	16	Double Wing	331
Junction Box	98	Yard	67
Singe Wing	257	Slotted Drain	7
Curbed Inlet	5		

MS4 Area Cross Drain Pipe Inventory

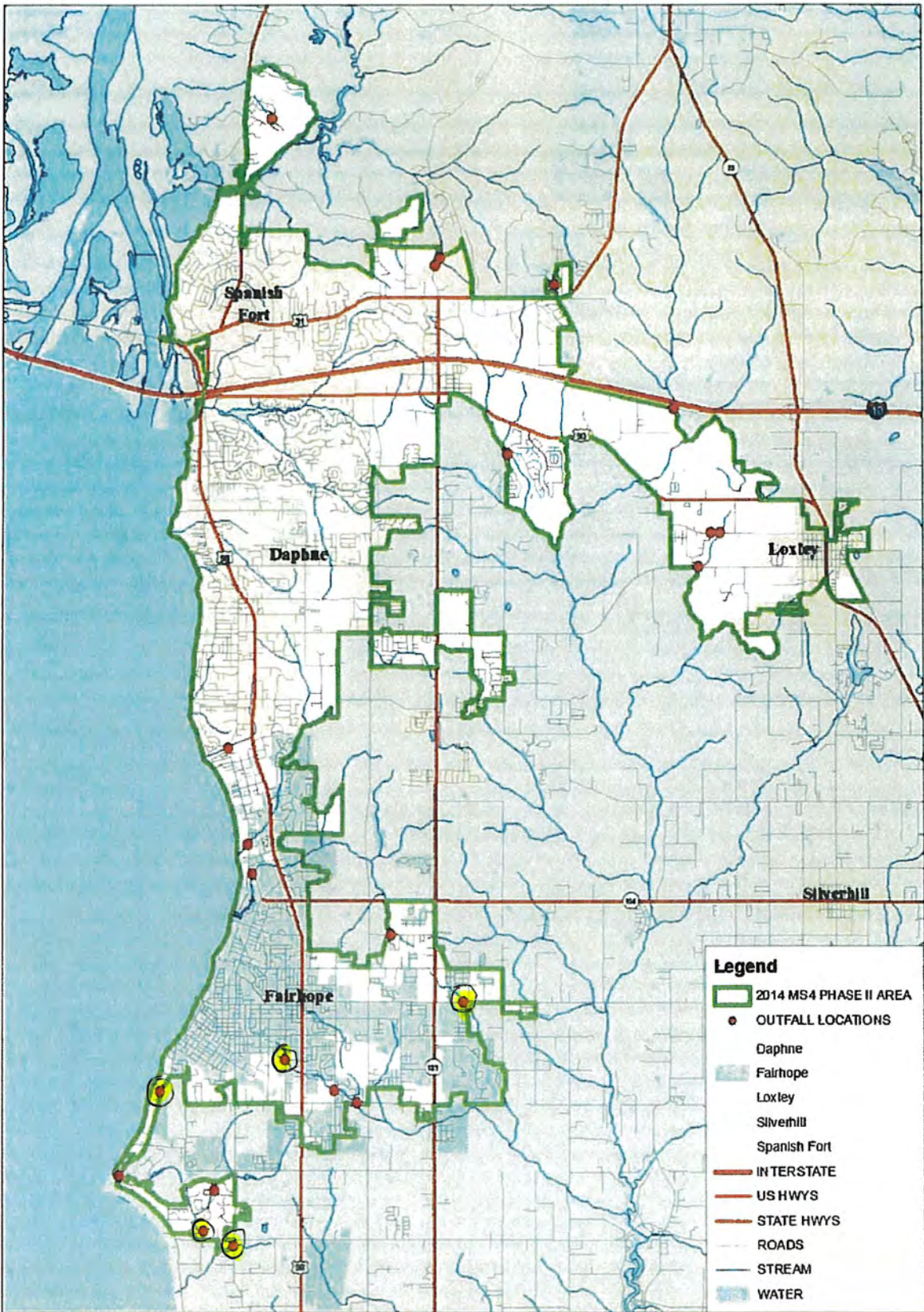
Pipe Shape	Pipe Size (in)	Number (ea)	Length (ft)	Pipe Size (in)	Number (ea)	Length (ft)
Arched	18 X 11	5	157	51 X 31	6	263
	22 X 13	1	16	58 X 36	3	72
	29 X 18	31	1,110	65 X 40	2	30
	36 X 23	23	898	73 X 45	2	78
	44 X 27	11	289			
Circular	12	3	115	36	3	60
	15	7	242	42	4	200
	18	67	2,966	48	5	267
	21	11	356	54	1	27
	24	49	1,635	60	3	75
	27	13	335	84	1	23
	30	15	383	96	1	43
Elliptical	14 X 23	18	681	27 X 42	1	82
	19 X 30	1	19	38 X 60	1	27
	24 X 38	2	95	43 X 68	1	12

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

NPDES Permit Section	SWMPP Section	6-Illicit Discharge and Elimination Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-2ai	6.7	Outfalls Screened	The County will screen 15% a year of major outfalls with 100% being screened during permit cycle	All	Hwy & P&Z
OUTFALL INVENTORY					
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M 7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	Jimmy Faulkner Rd-North of Plaza De Toros Drive	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S
		REMOVED-Spanish Fort Annexed			
		INSPECTED 2023 - 5 Outfalls			
		22 X 15% = 3.4 = 4 Outfalls			



- Legend**
- 2014 MS4 PHASE II AREA
 - OUTFALL LOCATIONS
 - Daphne
 - Fairhope
 - Loxley
 - Silverhill
 - Spanish Fort
 - INTERSTATE
 - US HWYS
 - STATE HWYS
 - ROADS
 - STREAM
 - WATER



Baldwin County MS4 Phase II Outfall Inventory





Baldwin County
Catch Basin and Outfall

Reconnaissance Inventory/Sample Collection Field Sheet

Section 1: Background Data

Sub watershed: Mobile/Point		Outfall ID:03-Greeno Lane	Outfall not in inventory: <input type="checkbox"/>
Today's date: 03/28/2023		Time: 09:34 am	
Investigators: Ashley Campbell		Form completed by: Ashley Campbell	
Temperature: 69	Rainfall (in.): Last 24 hours: 2" Last 48 hours: 2.5"		
Latitude:30' 30 39.672	Longitude:87' 53 24.95	GPS Unit:	Location as mapped: <input checked="" type="checkbox"/>
Camera: iPhone-AC		Photo #:IMG_8872, 8873, 8874, 8875, & 8876	
Land Use in Drainage Area (Check all that apply):		Maintenance Priority:	
<input type="checkbox"/> Industrial <input type="checkbox"/> Open Space <input checked="" type="checkbox"/> Urban Residential <input type="checkbox"/> Institutional <input type="checkbox"/> Suburban Residential Other: <input type="checkbox"/> Commercial Known Industries:		<input type="checkbox"/> Priority 1-High <input type="checkbox"/> Priority 2-Medium <input checked="" type="checkbox"/> Priority 3-Low Notes: Low	
Notes (e.g., origin of outfall, if known): Erosion noted around pipe on west side of road			

Section 2: Outfall Description

Location	Material	Shape		
<input checked="" type="checkbox"/> Closed Pipe Diameter/Dimensions: 24"	<input type="checkbox"/> RCP <input checked="" type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	In water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete/Paved <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:		Depth: Top Width: Bottom Width:
<input type="checkbox"/> In-Stream-NA	(applicable when collecting samples)			
Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If No, Skip to Section 5)			
Flow Description	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

Field Data For Flowing Outfalls				
Parameter		Result	Unit	Equipment
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	Stop watch
<input type="checkbox"/> Flow #2	Flow Depth		In	Tape measure
	Flow Width	_____ , _____"	Ft, In	Tape measure
	Measured length	_____ , _____"	Ft, In	Tape measure
	Time of travel		Sec	Stop watch

Catch Basin and Outfall
Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

 Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

Indicator	Check if Present	Description	Relative Severity Index		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/Sour <input type="checkbox"/> Petroleum/Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint	<input type="checkbox"/> 2 – Easily Detected	<input type="checkbox"/> 3 – Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint colors in sample bottle	<input type="checkbox"/> 2 – Clearly visible in sample bottle	<input type="checkbox"/> 3 – Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 – Slight cloudiness	<input type="checkbox"/> 2 – Cloudy	<input type="checkbox"/> 3 – Opaque
Floatables - Does not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Few/slight: origin not obvious	<input type="checkbox"/> 2 – Some; indicators of origin (e.g., possible suds or oil sheen)	<input type="checkbox"/> 3 – Some; origin clear (e.g., obvious soil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

 Are physical indicators that are not related to flow present? Yes No

Indicator	Check if Present	Description	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited <input type="checkbox"/> Invasive Species	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other	
Pipe Benthic Growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	
Animal Life	<input type="checkbox"/>	<input type="checkbox"/> None/ little presence <input type="checkbox"/> Average presence <input type="checkbox"/> High presence	

Section 6: Overall Outfall Characterization
 Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Field Tests-NA

Test	Calibration Date And LOT#	Data
Ammonia		ppm
Chlorine		mg/L
Conductivity		μS/cm
Salinity		ppt
pH		

Test	Calibration Date And LOT#	Data
Temperature		°F
Nitrate		ppm
Nitrite		ppm
D.O.		mg/L

Section 8: Data Collection

Sample for the lab? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If yes, collected from: <input type="checkbox"/> Flow <input type="checkbox"/> Pool		
<table border="0"> <tr> <td style="vertical-align: top;"> If yes: <input type="checkbox"/> Surfactants <input type="checkbox"/> Aluminum <input type="checkbox"/> Iron <input type="checkbox"/> Phosphorous <input type="checkbox"/> E. Coli </td> <td style="vertical-align: top; padding-left: 20px;"> Chain of Custody Number: _____ _____ _____ _____ _____ </td> </tr> </table>	If yes: <input type="checkbox"/> Surfactants <input type="checkbox"/> Aluminum <input type="checkbox"/> Iron <input type="checkbox"/> Phosphorous <input type="checkbox"/> E. Coli	Chain of Custody Number: _____ _____ _____ _____ _____
If yes: <input type="checkbox"/> Surfactants <input type="checkbox"/> Aluminum <input type="checkbox"/> Iron <input type="checkbox"/> Phosphorous <input type="checkbox"/> E. Coli	Chain of Custody Number: _____ _____ _____ _____ _____	

Section 9: Non-Illicit Discharge Concerns (eg. trash, repairs needed)

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Notes:

Minor erosion noted around pipe on the western side of Greeno Lane.

SWOF-03
Mobile/Cowpen
Greeno Lane Just East of Ingleside Ave
Upstream



SWOF-03
Mobile/Cowpen
Greeno Lane Just East of Ingleside Ave
Downstream





Baldwin County
Catch Basin and Outfall

Reconnaissance Inventory/Sample Collection Field Sheet

Section 1: Background Data

Sub watershed: Mobile/Point Clear Creek		Outfall ID:04-Wasp Lane	Outfall not in inventory: <input type="checkbox"/>
Today's date: 03/28/2023		Time: 08:24 am	
Investigators: Ashley Campbell		Form completed by: Ashley Campbell	
Temperature: 69	Rainfall (in.): Last 24 hours: 2" Last 48 hours: 2.5"		
Latitude:30' 28 26.261	Longitude:87' 54 38.997	GPS Unit:	Location as mapped: <input checked="" type="checkbox"/>
Camera: iPhone-AC	Photo #:IMG_8837, 8838, 8839, & 8840		
Land Use in Drainage Area (Check all that apply): <input type="checkbox"/> Industrial <input type="checkbox"/> Open Space <input type="checkbox"/> Urban Residential <input type="checkbox"/> Institutional <input checked="" type="checkbox"/> Suburban Residential Other: <input type="checkbox"/> Commercial Known Industries:		Maintenance Priority: <input type="checkbox"/> Priority 1-High <input type="checkbox"/> Priority 2-Medium <input checked="" type="checkbox"/> Priority 3-Low Notes: Low	
Notes (e.g., origin of outfall, if known): Snakes noted			

Section 2: Outfall Description

Location	Material	Shape		
<input checked="" type="checkbox"/> Closed Pipe Diameter/Dimensions: 18"	<input type="checkbox"/> RCP <input checked="" type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	In water: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete/Paved <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:		Depth: Top Width: Bottom Width:
<input type="checkbox"/> In-Stream-	(applicable when collecting samples)			
Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If No, Skip to Section 5)			
Flow Description	<input checked="" type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

Field Data For Flowing Outfalls				
Parameter		Result	Unit	Equipment
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	Stop watch
<input type="checkbox"/> Flow #2	Flow Depth		In	Tape measure
	Flow Width	_____ , _____"	Ft, In	Tape measure
	Measured length	_____ , _____"	Ft, In	Tape measure
	Time of travel		Sec	Stop watch

**Catch Basin and Outfall
Reconnaissance Inventory Field Sheet**

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

Indicator	Check if Present	Description	Relative Severity Index		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/Sour <input type="checkbox"/> Petroleum/Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint	<input type="checkbox"/> 2 – Easily Detected	<input type="checkbox"/> 3 – Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint colors in sample bottle	<input type="checkbox"/> 2 – Clearly visible in sample bottle	<input type="checkbox"/> 3 – Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 – Slight cloudiness	<input type="checkbox"/> 2 – Cloudy	<input type="checkbox"/> 3 – Opaque
Floatables - Does not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Few/slight: origin not obvious	<input type="checkbox"/> 2 – Some; indicators of origin (e.g., possible suds or oil sheen)	<input type="checkbox"/> 3 – Some; origin clear (e.g., obvious soil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes No

Indicator	Check if Present	Description	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited <input type="checkbox"/> Invasive Species	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other	
Pipe Benthic Growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	
Animal Life	<input type="checkbox"/>	<input type="checkbox"/> None/ little presence <input type="checkbox"/> Average presence <input type="checkbox"/> High presence	

Section 6: Overall Outfall Characterization

<input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Potential (presence of two or more indicators) <input type="checkbox"/> Suspect (one or more indicators with a severity of 3) <input type="checkbox"/> Obvious
--

Section 7: Field Tests-NA

Test	Calibration Date And LOT#	Data
Ammonia		ppm
Chlorine		mg/L
Conductivity		μS/cm
Salinity		ppt
pH		

Test	Calibration Date And LOT#	Data
Temperature		°F
Nitrate		ppm
Nitrite		ppm
D.O.		mg/L

Section 8: Data Collection

Sample for the lab? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No												
If yes, collected from: <input type="checkbox"/> Flow <input type="checkbox"/> Pool												
<table> <tr> <td>If yes:</td> <td>Chain of Custody Number:</td> </tr> <tr> <td><input type="checkbox"/> Surfactants</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> Aluminum</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> Iron</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> Phosphorous</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> E. Coli</td> <td>_____</td> </tr> </table>	If yes:	Chain of Custody Number:	<input type="checkbox"/> Surfactants	_____	<input type="checkbox"/> Aluminum	_____	<input type="checkbox"/> Iron	_____	<input type="checkbox"/> Phosphorous	_____	<input type="checkbox"/> E. Coli	_____
If yes:	Chain of Custody Number:											
<input type="checkbox"/> Surfactants	_____											
<input type="checkbox"/> Aluminum	_____											
<input type="checkbox"/> Iron	_____											
<input type="checkbox"/> Phosphorous	_____											
<input type="checkbox"/> E. Coli	_____											

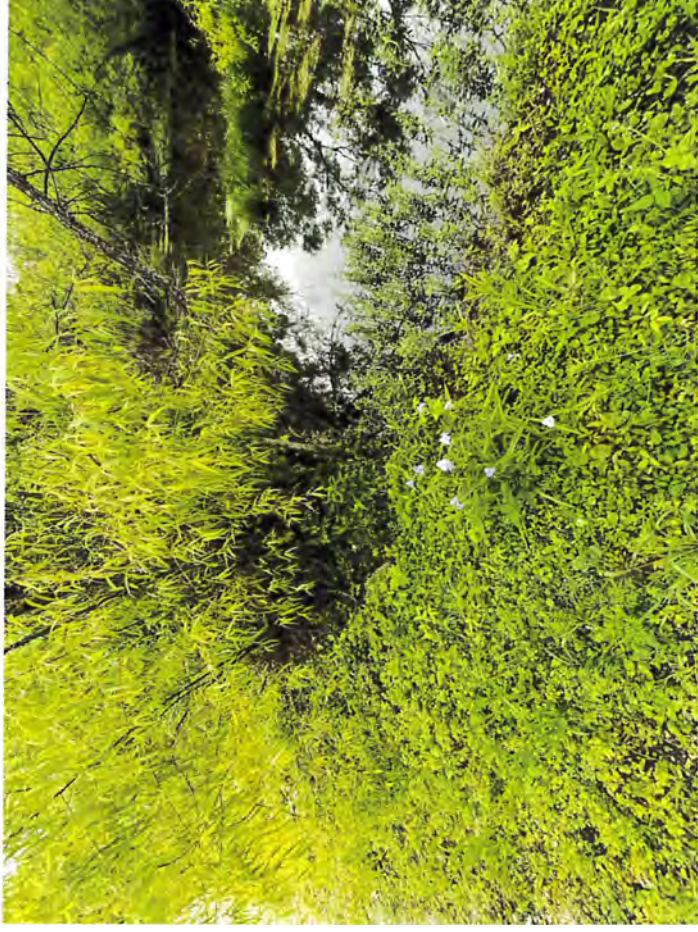
Section 9: Non-Illicit Discharge Concerns (eg. trash, repairs needed)

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Notes:

Historic Pond has altered flow. Trickle if any. Water clear. Snakes noted.
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SWOF-04
Mobile/Point Clear Creek
Wasp Lane
Downstream



SWOF-04
Mobile/Point Clear Creek
Wasp Lane
Upstream





**Baldwin County
Catch Basin and Outfall**

Reconnaissance Inventory/Sample Collection Field Sheet

Section 1: Background Data

Sub watershed: Mobile/Bailey Creek		Outfall ID:13-CR3 Bailey Creek	Outfall not in inventory: <input type="checkbox"/>
Today's date: 03/28/2023		Time: 08:18 am	
Investigators: Ashley Campbell		Form completed by: Ashley Campbell	
Temperature: 69	Rainfall (in.): Last 24 hours: 2" Last 48 hours: 2.5"		
Latitude:30' 28 14.79	Longitude:87' 54 11.017	GPS Unit:	Location as mapped: <input checked="" type="checkbox"/>
Camera: iPhone-AC		Photo #:IMG_8831 through-8836	
Land Use in Drainage Area (Check all that apply): <input type="checkbox"/> Industrial <input type="checkbox"/> Open Space <input type="checkbox"/> Urban Residential <input type="checkbox"/> Institutional <input checked="" type="checkbox"/> Suburban Residential Other: <input type="checkbox"/> Commercial Known Industries:		Maintenance Priority: <input type="checkbox"/> Priority 1-High <input type="checkbox"/> Priority 2-Medium <input checked="" type="checkbox"/> Priority 3-Low Notes: Low	
Notes (e.g., origin of outfall, if known):			

Section 2: Outfall Description

Location	Material	Shape		
<input checked="" type="checkbox"/> Closed Pipe Diameter/Dimensions: Bridge 68'	<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Other: Bridge-Concrete	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other:	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	In water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete/Paved <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:		Depth: Top Width: Bottom Width:
<input type="checkbox"/> In-Stream-NA	(applicable when collecting samples)			
Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If No, Skip to Section 5)			
Flow Description	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

Field Data For Flowing Outfalls				
Parameter		Result	Unit	Equipment
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	Stop watch
<input type="checkbox"/> Flow #2	Flow Depth		In	Tape measure
	Flow Width	_____ , _____"	Ft, In	Tape measure
	Measured length	_____ , _____"	Ft, In	Tape measure
	Time of travel		Sec	Stop watch

Catch Basin and Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

Indicator	Check if Present	Description	Relative Severity Index		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/Sour <input type="checkbox"/> Petroleum/Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint	<input type="checkbox"/> 2 – Easily Detected	<input type="checkbox"/> 3 – Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint colors in sample bottle	<input type="checkbox"/> 2 – Clearly visible in sample bottle	<input type="checkbox"/> 3 – Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 – Slight cloudiness	<input type="checkbox"/> 2 – Cloudy	<input type="checkbox"/> 3 – Opaque
Floatables - Does not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Few/slight: origin not obvious	<input type="checkbox"/> 2 – Some; indicators of origin (e.g., possible suds or oil sheen)	<input type="checkbox"/> 3 – Some; origin clear (e.g., obvious soil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes No

Indicator	Check if Present	Description	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited <input type="checkbox"/> Invasive Species	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other	
Pipe Benthic Growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	
Animal Life	<input type="checkbox"/>	<input type="checkbox"/> None/ little presence <input type="checkbox"/> Average presence <input type="checkbox"/> High presence	

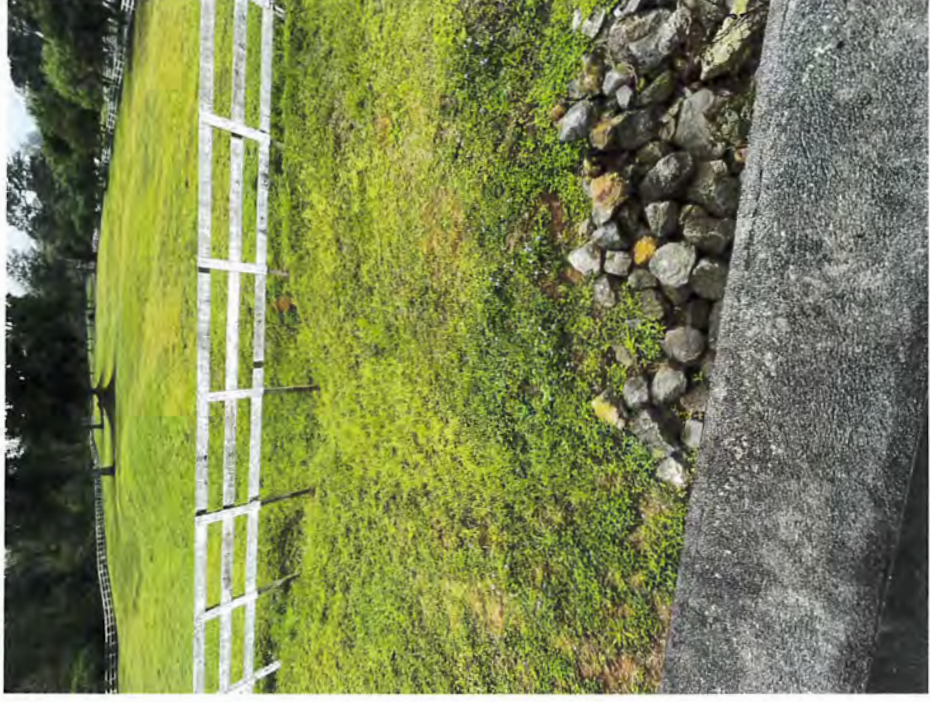
Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

SWOF-13
CR 3 South of CR 32
Bailey's Creek
Upstream



SWOF-13
CR 3 South of CR 32
Bailey's Creek
Downstream



SWOF-13
CR 3 South of CR 32
Bailey's Creek
Side Views





Baldwin County
Catch Basin and Outfall

Reconnaissance Inventory/Sample Collection Field Sheet

Section 1: Background Data

Sub watershed: Mobile/Fish River		Outfall ID:21 CR 48/Blueberry	Outfall not in inventory: <input type="checkbox"/>
Today's date: 03/28/2023		Time: 09:09 am	
Investigators: Ashley Campbell		Form completed by: Ashley Campbell	
Temperature: 69	Rainfall (in.): Last 24 hours: 2" Last 48 hours: 2.5"		
Latitude:30' 31 25.095	Longitude:87' 50 42.566	GPS Unit:	Location as mapped: <input checked="" type="checkbox"/>
Camera: iPhone-AC		Photo #:IMG_8850 through-8858	
Land Use in Drainage Area (Check all that apply): <input type="checkbox"/> Industrial <input type="checkbox"/> Open Space <input type="checkbox"/> Urban Residential <input type="checkbox"/> Institutional <input checked="" type="checkbox"/> Suburban Residential Other: <input type="checkbox"/> Commercial Known Industries:		Maintenance Priority: <input type="checkbox"/> Priority 1-High <input type="checkbox"/> Priority 2-Medium <input checked="" type="checkbox"/> Priority 3-Low Notes: Low	
Notes (e.g., origin of outfall, if known):			

Section 2: Outfall Description

Location	Material	Shape		
<input checked="" type="checkbox"/> Closed Pipe Diameter/Dimensions: 44" x 72"	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input checked="" type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other:	<input type="checkbox"/> Single <input checked="" type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	In water: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete/Paved <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:		Depth: Top Width: Bottom Width:
<input type="checkbox"/> In-Stream-NA	(applicable when collecting samples)			
Flow Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If No, Skip to Section 5)			
Flow Description	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

Field Data For Flowing Outfalls				
Parameter		Result	Unit	Equipment
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	Stop watch
<input type="checkbox"/> Flow #2	Flow Depth		In	Tape measure
	Flow Width	_____ , _____”	Ft, In	Tape measure
	Measured length	_____ , _____”	Ft, In	Tape measure
	Time of travel		Sec	Stop watch

Catch Basin and Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

Indicator	Check if Present	Description	Relative Severity Index		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/Sour <input type="checkbox"/> Petroleum/Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint	<input type="checkbox"/> 2 – Easily Detected	<input type="checkbox"/> 3 – Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint colors in sample bottle	<input type="checkbox"/> 2 – Clearly visible in sample bottle	<input type="checkbox"/> 3 – Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 – Slight cloudiness	<input type="checkbox"/> 2 – Cloudy	<input type="checkbox"/> 3 – Opaque
Floatables - Does not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Few/slight: origin not obvious	<input type="checkbox"/> 2 – Some; indicators of origin (e.g., possible suds or oil sheen)	<input type="checkbox"/> 3 – Some; origin clear (e.g., obvious soil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes No

Indicator	Check if Present	Description	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited <input type="checkbox"/> Invasive Species	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other	
Pipe Benthic Growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	
Animal Life	<input type="checkbox"/>	<input type="checkbox"/> None/ little presence <input type="checkbox"/> Average presence <input type="checkbox"/> High presence	

Section 6: Overall Outfall Characterization

Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Field Tests-NA

Test	Calibration Date And LOT#	Data
Ammonia		ppm
Chlorine		mg/L
Conductivity		μS/cm
Salinity		ppt
pH		

Test	Calibration Date And LOT#	Data
Temperature		°F
Nitrate		ppm
Nitrite		ppm
D.O.		mg/L

Section 8: Data Collection

Sample for the lab?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
If yes, collected from:	<input type="checkbox"/> Flow	<input type="checkbox"/> Pool
If yes:	Chain of Custody Number:	
<input type="checkbox"/> Surfactants	_____	
<input type="checkbox"/> Aluminum	_____	
<input type="checkbox"/> Iron	_____	
<input type="checkbox"/> Phosphorous	_____	
<input type="checkbox"/> E. Coli	_____	

Section 9: Non-Illicit Discharge Concerns (eg. trash, repairs needed)

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Notes:

Standing water due to historical modification of drainage.
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SWOF-21
Mobile/Fish River
County Road 48 West of Blueberry
Upstream



SWOF-21
Mobile/Fish River
County Road 48 West of Blueberry
Downstream





Baldwin County
Catch Basin and Outfall

Reconnaissance Inventory/Sample Collection Field Sheet

Section 1: Background Data

Sub watershed: Mobile/Fish River		Outfall ID:22-Scenic 98 Sweetwater		Outfall not in inventory: <input type="checkbox"/>
Today's date: 03/28/2023		Time: 09:09 am		
Investigators: Ashley Campbell		Form completed by: Ashley Campbell		
Temperature: 69	Rainfall (in.): Last 24 hours: 2"		Last 48 hours: 2.5"	
Latitude:30' 30 14.532	Longitude:87' 55 18.894	GPS Unit:	Location as mapped: <input checked="" type="checkbox"/>	
Camera: iPhone-AC		Photo #:IMG_8878 thorough-8884		
Land Use in Drainage Area (Check all that apply):			Maintenance Priority:	
<input type="checkbox"/> Industrial	<input type="checkbox"/> Open Space	<input type="checkbox"/> Priority 1-High <input type="checkbox"/> Priority 2-Medium		
<input type="checkbox"/> Urban Residential	<input type="checkbox"/> Institutional	<input checked="" type="checkbox"/> Priority 3-Low		
<input checked="" type="checkbox"/> Suburban Residential	Other:	Notes: Low		
<input type="checkbox"/> Commercial	Known Industries:			
Notes (e.g., origin of outfall, if known):				

Section 2: Outfall Description

Location	Material	Shape		
<input checked="" type="checkbox"/> Closed Pipe Diameter/Dimensions: 44" x 72"	<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input checked="" type="checkbox"/> Other: Concrete	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input checked="" type="checkbox"/> Box <input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	In water: <input type="checkbox"/> No <input checked="" type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete/Paved <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:		Depth: Top Width: Bottom Width:
<input type="checkbox"/> In-Stream-NA	(applicable when collecting samples)			
Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If No, Skip to Section 5)			
Flow Description	<input type="checkbox"/> Trickle <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

Field Data For Flowing Outfalls				
Parameter		Result	Unit	Equipment
<input type="checkbox"/> Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	Stop watch
<input type="checkbox"/> Flow #2	Flow Depth		In	Tape measure
	Flow Width	_____ , _____"	Ft, In	Tape measure
	Measured length	_____ , _____"	Ft, In	Tape measure
	Time of travel		Sec	Stop watch

Catch Basin and Outfall
Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

 Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

Indicator	Check if Present	Description	Relative Severity Index		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/Sour <input type="checkbox"/> Petroleum/Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint	<input type="checkbox"/> 2 – Easily Detected	<input type="checkbox"/> 3 – Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint colors in sample bottle	<input type="checkbox"/> 2 – Clearly visible in sample bottle	<input type="checkbox"/> 3 – Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 – Slight cloudiness	<input type="checkbox"/> 2 – Cloudy	<input type="checkbox"/> 3 – Opaque
Floatables - Does not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Few/slight: origin not obvious	<input type="checkbox"/> 2 – Some; indicators of origin (e.g., possible suds or oil sheen)	<input type="checkbox"/> 3 – Some; origin clear (e.g., obvious soil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

 Are physical indicators that are not related to flow present? Yes No

Indicator	Check if Present	Description	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited <input type="checkbox"/> Invasive Species	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other	
Pipe Benthic Growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	
Animal Life	<input type="checkbox"/>	<input type="checkbox"/> None/ little presence <input type="checkbox"/> Average presence <input type="checkbox"/> High presence	

Section 6: Overall Outfall Characterization
 Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Field Tests-NA

Test	Calibration Date And LOT#	Data
Ammonia		ppm
Chlorine		mg/L
Conductivity		µS/cm
Salinity		ppt
pH		

Test	Calibration Date And LOT#	Data
Temperature		°F
Nitrate		ppm
Nitrite		ppm
D.O.		mg/L

Section 8: Data Collection

Sample for the lab? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No												
If yes, collected from: <input type="checkbox"/> Flow <input type="checkbox"/> Pool												
<table> <tr> <td>If yes:</td> <td>Chain of Custody Number:</td> </tr> <tr> <td><input type="checkbox"/> Surfactants</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> Aluminum</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> Iron</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> Phosphorous</td> <td>_____</td> </tr> <tr> <td><input type="checkbox"/> E. Coli</td> <td>_____</td> </tr> </table>	If yes:	Chain of Custody Number:	<input type="checkbox"/> Surfactants	_____	<input type="checkbox"/> Aluminum	_____	<input type="checkbox"/> Iron	_____	<input type="checkbox"/> Phosphorous	_____	<input type="checkbox"/> E. Coli	_____
If yes:	Chain of Custody Number:											
<input type="checkbox"/> Surfactants	_____											
<input type="checkbox"/> Aluminum	_____											
<input type="checkbox"/> Iron	_____											
<input type="checkbox"/> Phosphorous	_____											
<input type="checkbox"/> E. Coli	_____											

Section 9: Non-Illicit Discharge Concerns (eg. trash, repairs needed)

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Notes:

Sweetwater Branch-Sanitary Sewer Pump Station on SE Corner of Branch.

SWOF-22
Mobile/Titi/Swamp Sweetwater Branch
Scenic 98 South of Nelson Drive
Upstream



SWOF-22
Mobile/Titi/Swamp Sweetwater Branch
Scenic 98 South of Nelson Drive
Downstream



Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

NPDES Permit Section	SWMP Section	6-Illicit Discharge and Elimination Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-2ai</i>	6.8.4	<i>Evaluation of Results</i>	<i>Evaluate field assessments and inspections to establish priority area and major outfalls for more focused inspections</i>	<i>All</i>	<i>Hwy & P&Z</i>
2022/2023 Year		No Illicit Discharges were noted during the outfall inspections.			

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

NPDES Permit Section	SWMP Section	6-Illicit Discharge and Elimination Strategy	Goal	Pollution Targeted	Responsible Departments
Part III-2ai	6.10	Spill Response	Throughout the permit cycle, the County's EMA is responsible for tracking reported spill and potential Illicit discharges. Data will be summited in an annual report.	All	EMA, Hwy & P&Z

2022/2023 EMA NRC Data

Baldwin County Emergency Management Agency - NRC Reports 01 April 2022 - 31 March 2023								
Date	Local Time	Incident Number	Incident Location	Water Affected	Reported By	Quantity	Material	Cause
4/21/2022	17:50	38617	I-65 Southbound, off the Gen. WK Wilson Jr Bridge (Dolly Parton Bridge); Creola Community	Mobile River	Mike Williams	Unknown	Unknown Oil	UNKOWN OIL DISCHARGED FROM MULTIPLE 55 GALLON DRUMS ONBOARD A TRACTOR TRAILER TRUCK DUE TO A SINGLE VEHICLE ACCIDENT. CALLER STATES A TIRE BLEW OUT AND THE TRUCK WENT OVER A BRIDGE INTO THE MOBILE RIVER.
4/28/2022	10:30	1334623	26913 Marina Road, Orange Beach, AL; Casa Del Marina	Unnamed Inlet	Matt Kroll (OB Fire Rescue)	Covers six (6) slips at the marina	Unknown Oil	CALLER REPORTS A SILVER/WHITE SHEEN ON THE UNNAMED INLET AT THE INCIDENT LOCATION. THIS SHEEN COVERS 6 SLIPS AND A BYSTANDER AT THE SCENE REPORTED THE SHEEN HAS BEEN PRESENT SINCE YESTERDAY.
5/11/2022	2:00	1335717	9470 Wilson Road, Elberta, AL	Wolf Creek	James Stewart (private citizen)	Unknown	Unknown Oil	CALLER REPORTS AN ABANDONED SAILBOAT WITHOUT A MOTOR DRIFTED TO THEIR PERSONAL DOCK AND THEN SANK IN SHALLOW WATER AT THE INCIDENT LOCATION. CALLER REPORTS WHEN IT SANK, A 30 FT DIAMETER RAINBOW SHEEN APPEARED ON THE SURFACE AFTER THE CURRENT SLOWED. IT IS UNKNOWN IF THERE IS

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

								ANY FUEL ON BOARD.
5/27/2022	8:38	1337136	Fort Morgan Road, Gulf Shores	Gulf of Mexico	Amanda Thweatt (BCEMA)	5 gallon plastic bucket	Unknown Material	CALLER IS REPORTING THE DISCOVERY OF A FIVE GALLON BUCKET THAT IS LEAKING AN UNKNOWN MATERIAL AND WASHED UP ON THE BEACH FROM THE GULF OF MEXICO.
7/18/2022	15:08	40052	9576 County Road 34, Fairhope, AL	Unknown	Mike Purner (BCEMA)	more than 25 gallons	diesel fuel	REPORT OF MORE THAN 25 GALLONS DIESEL FUEL LEAKED FROM HEAVY EQUIPMENT. FIRE ENSUED, AND IS UNDER CONTROL. SOME OF THE FUEL BURNT. FD ATTEMPTING TO CONTROL THE SPILL, TANK SIZE APPROXIMATELY 100 GALLONS. FD CURRENTLY DAMMING THE SPILL AREA WITH DIRT TO CONTAIN SPILLAGE. INDICATIONS ARE THAT THE SPILLAGE HAS NOT ENTERED WATERWAYS.
7/20/2022	11:11	40095	13951 US Hwy 90, Loxley, AL	Unknown	Danon Smith and Michelle Pennington (BCEMA)	1 ton	sewage sludge	ACCIDENT INVOLVING 18-WHEELER. TRAILER ROLLED SPILLING APPROXIMATELY 1 TON OF SEWAGE SLUDGE ON THE ASPHALT, IN A DITCH, AND IN THE FRONT YARD OF LOCATION. ROAD IS CLOSED AT GREENWOOD CEMETERY ROAD. TRAFFIC IS BEING DIVERTED TO 66 N. ADEM AND ADPH WERE CONTACTED. GEOFENCE MESSAGE SENT OUT. SOCIAL MEDIA POST MADE. ALDOT ADVISED. WRECKER AND CLEAN UP CREW ON SCENE AT 12:26.
8/4/2022	6:34	40316	I-10 near Styx River, Baldwin County	Styx River	Tom Tyler (BCEMA)	at least 100 gallons	fuel	An 18-wheeler turned over. Due to rain, chance of fuel going into Styx River.
					Kavlan Driskeel forivate			Truck fully filled with 250 gallons of diesel struck by truck. Leaking over 100 gallons at Hwy 98/County Road 55.

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

8/8/2022	7:40	40365	US 98, Magnolia Springs, AL	Unknown	resident (private citizen)	250 gallons	diesel fuel	Baldwin County Highway Department was contacted. Magnolia Springs VFD Chief requested large amount of sand.
8/20/2022	1:24	1345028	29-59.00 N 087-37.35 W, Orange Beach, AL	Gulf of Mexico	Knoblock (US Coast Guard Sector Mobile)	90 gallons	unleaded automotive gasoline	Caller reported that a vessel capsized due to unknown causes. This has the potential to release gas into the water.
8/25/2022	23:22	40648	34262 White Osprey Drive, Lilian	Unknown	Angela Smith (ADEM)	4 small vials	possibly phosgene gas (highly toxic)	Fire Chief Nick Dewhurst was on scene at the address listed. An old safe has been dropped. The locking mechanism contains 4 small vials of liquid. After doing some research, it was determined that these vials might possibly contain the gas listed. ADEM has been contacted. All vials were removed from the scene and Baldwin County safely and without incident.
10/14/2022	20:32	CFS# 22-0106160	I-10 EB at 53 MM	Unknown	Arnanda Thweatt and Zach Hood (BCEMA)	150 gallons	diesel fuel	Semi truck transporting 7 vehicles overturned on I-10 EB at 53 MM. Estimated 100 gallons of diesel fuel leaking from ruptured saddle tank on the semi truck. Unknown if there are fluids from the transported vehicles. Fire Department was damming the fuel with oil dry to keep it on the interstate and not on the side of the road. Zach, on scene, confirmed approximately 150 gallons of the diesel on the interstate. The fuel was puddled along the shoulder of the road and the rumble strips on the side of the interstate for approximately 300 feet. No impacts to the environment. Diesel was burned to be contained by the Fire Department. ADEM not requested at this time. Further
11/4/2022	12:56	41432	County Road 55 and County Road 54 between Silverhill	Unknown	Steven Huff (Division A)	8,000 pounds	foundry dust	Operator's error - lost load at the location indicated for about 1.5 miles. The location is

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

								north of Silverhill. BCEMA and ALEA are on scene.
11/13/2022	10:00	1352475	27200 Perdido Beach Blvd, Orange Beach, AL	Gulf of Mexico	Marjan Verschraegen (private citizen)	Nine 1-inch tar balls	tar balls	Caller reported tar balls on the edge of the water and at the beach at the location provided. Caller states that there are nine 1-inch tar balls.
11/26/2022	6:30	1353451	848 Sea Cliff Drive, Fairhope, AL	Mobile Bay	Anonymous	Unknown	gasoline	Caller stated that a vessel has sunk in Mobile Bay due to unknown causes. An unknown amount of gasoline has released from the vessel.
12/6/2022	12:24	Unknown	Unknown	Storm Drains	Unknown	Unknown	diesel fuel	Incident involving a dump truck. Saddle bags leaking. Sand used. Pictures were uploaded but no reports were uploaded.
12/14/2022	10:56	41986	I-10 East at 59 MM	Unknown	Michelle Pennington (BCEMA)	30-45 gallons	diesel fuel	An 18-wheeler overturned in a ditch spilling 30 to 45 gallons of diesel. The truck was carrying a load of potatoes. Turns out they were potato seeds that were contained. ADEM was notified. No assistance requested.
1/17/2023	10:55	CFS# 23-0005807	County Road 87/Allen Road/29002 County Road 87 Int	Unknown	Clint Vance (private citizen)	Unknown	General	Aircraft crash. Two pilots ejected. Scratches. No major injuries.
1/30/2023	14:13	43043	8585 Bay Harbor Road, Elberta, AL	Moccasin Bayou off Wolf Bay	Danon Smith (BCEMA)	350 gallons	diesel fuel	Boat fire at private dock. Diesel is leaking into water. Fire is under control. 350 gallons of diesel on board but has not leaked at this time. ADEM also involved. ADEM contacted the Coast Guard to assist with boom and spill control. Ongoing situation. Remaining diesel eventually burned away.
2/24/2023	10:00	CAD# 23-0020079	Foley Beach Express (30.305472017197392, -87.6370525366434)	Unknown	Unknown	a non-reportable amount	diesel fuel	On Foley Beach Express, a dump truck rolled over with 2 Baldwin County employees entrapped. Foley Fire worked the scene and advised EMA be dispatched due to hot asphalt in the bed of the truck and leaking diesel. Individuals were stable and taken for medical assistance. When EMA

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

								arrived on scene and reported, IC, Engineer, and EMA staff agreed that amounts were all non-reportable.
2/25/2023	17:18	1360877	NW of Perdido Pass, Orange Beach, AL	Cotton Bayou	Bruce Nelson (Orange Beach Fire)	Unknown	Unknown oil	Unknown sheen sighting. Exact source of the sheen is unknown at this time.
3/24/2023	12:00	1363021	27825 Hwy 98, Daphne, AL	Storm Drains	Anonymous	Unknown	Unknown Oil	Caller reported that the trash can that contains all the old oil filters from vehicles is leaking. Caller states that this has been ongoing for a while. There is a lot of build up on the soil and when it rains, there is impact to storm drains.
3/28/2023	17:30	44203	County Road 85, Robertsdale	Unknown	Danon Smith (BCEMA)	Unknown	oil and possible other vehicle fluids	MVA involving 2 passenger vehicles. Oil and possible other vehicle fluids in drainage ditch. Towing company will handle clean-up. ADEM advised.

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

NPDES Permit Section	SWMP Section	6-Illicit Discharge and Elimination Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-2ai</i>	<i>6.11</i>	<i>Website Citizen Complaint Reporting</i>	<i>Throughout the permit cycle, the Environmental complaint form on the County website will be maintained and updated as needed.</i>	<i>All</i>	<i>Hwy & P&Z</i>
2022/2023			Complaint Form Maintained. No updates.		
			Throughout the remainder of the permit cycle, the County		
			will try to use the TextMyGov App to create a new .		
			avenue for IDDE Complaints		

WELCOME to the BALDWIN COUNTY CITIZENSERVE PORTAL

Providing access to online development and construction services from your home, office, or mobile device.

Navigate to "My Account" above to access previous applications & issued permits.

Choose a department below to submit new applications.





Environmental Complaint Website



BALDWIN COUNTY, ALABAMA

Building Department

The Baldwin County Building Department is responsible for the permitting and inspection of construction (including new construction, additions, & demolitions) throughout the County's building permitting jurisdiction as required by the International Building Codes. The Building Department enforces the County's Flood Damage Prevention Ordinance.

The County's building permit jurisdiction includes unincorporated areas of Baldwin County as well as the towns of Elberta, Magnolia Springs, and Foley. Inside any city limits other than those towns listed above, the property owner or contractor should contact the specific city's building department for more information.

[Click here for a list of municipalities inside Baldwin County and links to their websites.](#)

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CITIZENSERVE PORTAL

SUBMIT ENVIRONMENTAL COMPLAINT

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

NPDES Permit Section	SWMP Section	6-Illicit Discharge and Elimination Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-2ai</i>	<i>6.13</i>	<i>Enforcement</i>	<i>In year one(1), the County will legal review its authority in zoned area to determine if an IDDE ordinance can be implemented</i>	<i>All</i>	<i>Hwy & P&Z</i>
Date			Document/Meeting		
			3/13/2023 Email to Matthew for the County's Attorney		
			5/9/2023 Conference Call Regarding MS4 Authority		
			It has been initially determined that the County has authority in its Zoned Areas		
			to enforce the MS4 Permit. The County will continue to investigate its authority		
			while staff works on MS4 Ordinances.		

Ashley Campbell

From: Ashley Campbell
Sent: Sunday, March 19, 2023 3:33 PM
To: matthew.brown@baldwincountyal.gov
Subject: RE: MS4 Review Update

Just checking in on these questions.

From: Ashley Campbell
Sent: Monday, March 13, 2023 9:21 PM
To: matthew.brown@baldwincountyal.gov
Subject: MS4 Review Update

Matthew,

Below are the questions for the attorney:

I included several attachments, which attachments do you think our attorney would need?

Questions for Attorney:

1. Since, the referendum failed, I understand that we do not have the authority to create ordinances for un-zoned Baldwin County but in Zoned areas do we have the authority to create a zoning MS4 Overlay District with regulations to address our MS4 Permit's Minimum Control Measure (MCM) 2-Illicit Discharge Detection and Elimination & 4-Post Construction Storm Water Management in New Development and Redevelopment? Our Zoning Ordinance already addresses MCM-3 Construction Site Storm Water Runoff Control through Section 13.12 Construction Best Management Practices Plan.
2. If no, can we address the MCM 4-Post Construction Storm Water Management in New Development and Redevelopment permit requirements through updates to the subdivision regulations that cover un-zoned and zoned Baldwin County?
3. If we do not have the authority to create ordinances (regulations) to address these items, then I would like a letter like the attached Madison County Attorney Letter Regarding Limited Home Rule.

I did research Madison County , Alabama's MS4 permit. Madison County does not have Zoning...They have no authority to create ordinances for permit Minimum Control Measures (MCM) 2,3 or 4.

Thanks,
Ashley

From: Ashley Campbell
Sent: Sunday, March 12, 2023, 10:23 PM
To: matthew.brown@baldwincountyal.gov
Subject: MS4 Review Update

Matthew,

I have attached a document that details the federal and state laws for our MS4 Permit. Within the document, I have several questions for you or our attorney regarding the County's authority to implement and enforce the permit. Prior to my employment with the county our MS4 Stormwater Management Plan stated that due to the lack of home rule, the County has limited authority to create an Illicit Discharge Detection and Elimination Ordinance (IDDE) (see 2018 MS4 SWMPP Limited Home Rule Attachment). Since, the referendum failed, I understand that we do not have the authority to create ordinances for un-zoned Baldwin County but in Zoned areas do we have the authority to address the IDDE requirement, with a MS4 Overlay District that references the County's MS4 Permit and the Illicit Discharge requirements (highlighted in yellow in the attached document -MS4 Federal and State Regulations) for the zoned MS4 Area.

If we do not have the authority, can I get a letter from our attorney stating that fact for our MS4 report. See Madison County's attorney's letter attached. Madison County does not have zoning. They have a lack of home rule and cannot create Ordinance.

Ashley Campbell
Baldwin County Planning & Zoning Department
Natural Resource Planner
201 East Section Ave
Foley, AL 36535
ashley.campbell@baldwincountyal.gov
Office: 251-580-1655 Ext 7260
Cell: 251-423-3632



Creating a Clean Water Future for Generations to Come.....

Baldwin County MS4 Permit Language with references to State & Federal Laws

In accordance with and subject to the provisions of the *Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1378 (the "FWPCA")*, the *Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA")*, the *Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-15*, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.

Federal and State Laws Referenced in County MS4 Permit

- 1. *Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1378 (the "FWPCA")***
- 2. *Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA")***
- 3. *Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-15***

Baldwin County MS4 Permit Language

2. Illicit Discharge Detection and Elimination (IDDE) Program

a. The Permittee shall implement an ongoing program to detect and eliminate illicit discharges into the MS4, to the maximum extent practicable. The program shall include, at a minimum, the following:

i. An initial map shall be provided in the SWMPP with updates, if any, provided each year in the annual report. The map shall include, at a minimum:

- (1) The latitude/longitude of all known outfalls;
- (2) The names of all waters of the State that receive discharges from these outfalls; and,
- (3) Structural BMPs owned, operated, or maintained by the Permittee, if applicable.

ii. To the extent allowable under State law, an ordinance or other regulatory mechanism that effectively prohibits non-storm water discharges to the MS4. The ordinance or other regulatory mechanism shall be reviewed annually and updated as necessary and shall:

- (1) Include escalating enforcement procedures and actions; and
- (2) Require the removal of illicit discharges and the immediate cessation of improper disposal practices upon identification of responsible parties. Where the removal of illicit discharge within ten (10) working days is not possible, the ordinance shall require an expeditious schedule for removal of the discharge. In the interim, the ordinance shall require the operator of the illicit discharge to take all reasonable and prudent measures to minimize the discharge of pollutants to the MS4.

iii. A dry weather screening program designed to detect and address non-storm water discharges to the MS4. This program must address, at a minimum, dry weather screening of fifteen percent (15%) of the outfalls once per year with all (100 percent) screened at least once per five years. Priority areas, as described by the Permittee in the SWMPP, will be dry weather screened on a more frequent schedule as outlined in the SWMPP. If any indication of a suspected illicit discharge, from an unidentified source, is observed during the dry weather screening, then the Permittee shall follow the screening protocol as outlined in the SWMPP.

Question:

Since, the referendum failed, I understand that we do not have the authority to create ordinances for un-zoned Baldwin County but in Zoned areas do we have the authority to address 2a, with a MS4 Overlay District that references the County's MS4 Permit and the Illicit Discharge requirements (highlighted in yellow above) for the zoned MS4 Area.

Some of these inspections are on private property where Baldwin County stormwater pipes drain.

Baldwin County MS4 Permit Language

3. Construction Site Storm Water Runoff Control

a. The Permittee must develop/revise, implement and enforce an ongoing program to reduce, to the maximum extent practicable, the pollutants in any storm water runoff to the MS4 from qualifying construction sites. The program shall include the following at a minimum:

i. Specific procedures for construction site plan (including erosion prevention and sediment controls) review and approval: The MS4 procedures must include an evaluation of plan completeness and overall BMP effectiveness;

ii. To the extent allowable under State law, an ordinance or other regulatory mechanism to require erosion and sediment controls, sanctions to ensure compliance, and to provide all other authorities needed to implement the requirements of Part III.B.3 of this permit. The ordinance or other regulatory mechanism shall be reviewed annually and updated as necessary;

iii. A training program for MS4 site inspection staff in the identification of appropriate construction BMPs (example: QCI training in accordance with ADEM Admin Code. R. 335-6-12 or the Alabama Construction Site General Permit). Applicable MS4 site inspection staff shall be trained at least once per year;

iv. Within 365 days of the effective date of the permit, develop and implement a construction site inspection form to include at least the items listed in Parts III.B.3.d.i.

v. Within 365 days of the effective date of the permit, maintain an inventory of qualifying construction sites containing relevant contact information for each construction site (i.e., tracking number and construction site contact name, address, phone number, etc.), the size of the construction site, whether the construction site has submitted for permit coverage under ADEM's Construction General Permit ALR100000, and the date the MS4 Permittee approved the site construction plan. The MS4 Permittee must make the inventory available upon the Department's request.

vi. Procedures for the inspection of qualifying construction sites to verify the use of appropriate erosion and sediment control practices that are consistent with the Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas published by the Alabama Soil and Water Conservation Committee (hereinafter the "Alabama Handbook").

The frequency and prioritization of inspection activities shall be documented in the SWMPP.

Inspection of construction sites to verify use and proper maintenance of appropriate BMPs shall be performed in accordance with the frequency specified in the table below:

Site Inspection Frequency

- Priority Construction Sites (defined in Part VII.W.) & Other sites determined by the Permittee or Permitting Authority to be a significant threat to water quality. *-- At a minimum, inspections must occur monthly.
- All qualifying construction sites not meeting the criteria specified above. - At a minimum, inspections must occur every three months.

Question:

Since, the referendum failed, I understand that we do not have the authority to create ordinances for un-zoned Baldwin County. In Zoned areas, we already address Section 3 in section 13.12 of the zoning ordinance. Our latest ADEM MS4 Permit requires site inspections as detailed above- (highlight in yellow). Do we have to inspect the site per the frequency required by the ADEM permit?

Baldwin County MS4 Permit Language

4. Post-Construction Storm Water Management in New Development and Redevelopment

a. post-construction storm water management refers to the activities that take place after construction occurs, and includes structural and non-structural controls including low-impact development and green infrastructure practices to obtain permanent storm water management over the life of the property's use. These post construction controls should be considered during the initial site development planning phase.

i. The Permittee must develop/revise, implement, and enforce a program to address storm water runoff from qualifying new development and redevelopment projects, to the maximum extent practicable. This program shall ensure that controls are in place to prevent or minimize water quality impacts. Specifically, the Permittee shall:

(1) Develop/revise and outline in the SWMPP procedures for the site-plan review and approval process and a required re-approval process when changes to post-construction controls are required; and

(2) Develop/revise and outline in the SWMPP procedures for a post-construction process to demonstrate and document that post-construction storm water measures have been installed per design specifications, which includes enforceable procedures for bringing noncompliant projects into compliance.

ii. The Permittee must develop and implement strategies which may include a combination of structural and/or non-structural BMPs designed to ensure, to the maximum extent practicable, that the post construction runoff mimics pre-construction hydrology. A design rainfall event with an intensity up to that of a 2yr-24hr storm event shall be the basis for the design and implementation of post- construction BMPs.

iii. Encourage and educate landowners and developers to incorporate the use of low impact development (LID)/green infrastructure where feasible. Information on low impact development (LID)/green infrastructure is available on the following websites:

<http://www.adem.alabama.gov/programs/water/waterforms/LIDHandbook.pdf>;

<http://epa.gov/nps/lid>. The Permittee shall include a narrative description in the SWMPP as to the means that will be taken to implement the requirement to encourage landowners and developers to incorporate the use of low impact development (LID)/green infrastructure;

iv. To the extent allowable under State law, the Permittee must develop and institute the use of an ordinance or other regulatory mechanism to address post-construction runoff from qualifying new development and redevelopment projects. The ordinance or other regulatory mechanism shall be reviewed annually and updated as necessary;

v. The Permittee must require adequate long-term operation and maintenance of BMPs. One or more of the following as applicable:

(1) The developer's signed statement accepting responsibility for maintenance until the maintenance responsibility is legally transferred to another party; and/or

(2) Written conditions in the sales or lease agreement that require the recipient to assume

responsibility for maintenance; and/or

(3) Written conditions in project conditions, covenants and restrictions for residential properties assigning maintenance responsibilities to a home owner's association, or other appropriate group, for maintenance of structural and treatment control management practices; and/or

(4) Any other legally enforceable agreement that assigns permanent responsibility for maintenance of structural or treatment control management practices.

The Permittee must require adequate long-term operation and maintenance of BMPs. One or more of the following as applicable:

(1) The developer's signed statement accepting responsibility for maintenance until the maintenance responsibility is legally transferred to another party; and/or

(2) Written conditions in the sales or lease agreement that require the recipient to assume responsibility for maintenance; and/or

(3) Written conditions in project conditions, covenants and restrictions for residential properties assigning maintenance responsibilities to a home owner's association, or other appropriate group, for maintenance of structural and treatment control management practices; and/or

(4) Any other legally enforceable agreement that assigns permanent responsibility for maintenance of structural or treatment control management practices.

vi. The Permittee shall perform or require the performance of post-construction inspections, at a minimum of once per year, to confirm that post-construction BMP's are functioning as designed. The Permittee shall include an inspection schedule, to include inspection frequency, within the SWMPP. The Permittee shall document or require documentation of the post-construction inspection. Such documentation shall include, at a minimum:

Question:

Since, the referendum failed, I understand that we do not have the authority to create ordinances for un-zoned Baldwin County but in Zoned areas do we have the authority to address Section 4 with an MS4 Overlay District that references the County's MS4 Permit and the Post Construction Storm Water Management requirements for the zoned MS4 Area. Or could we address this requirement through our subdivision regulations that cover un-zoned and zoned Baldwin County.

These inspections are for private property detention basins not county property.

Madison County MS4 SWMPP-Madison County does not have Zoning...

No authority to create ordinances for permit Minimum Control Measures (MCM) 2,3 & 4

Madison County requires all stormwater ponds to be within a designated common area to be owned/maintained by a collective or management association. We require these areas to be within a U&D easement to allow County access in the event of a safety concern. A statement is included on the plat and we require an Articles of Incorporation be provided before final plat approval. This is stated in Sections 4.4.4 and 5.3.4 of our Subdivision Regulations (reference the attached).

Matthew,

If we are going to state that we do not have authority to implement part of the MS4 permit, then I would like a letter from our attorney stating that we do not have the authority. See attached letter from Madison County.

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

NPDES Permit Section	SWMPP Section	6-Illicit Discharge and Elimination Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-2ai</i>	6.14	<i>Staff Training</i>	<i>Provide IDDE training to new employees with program responsibilities including but not limited to Understanding Your Stormwater Management Plan</i>	<i>All</i>	<i>Hwy & P&Z</i>
		Date	Training Description		
		3/9/2023	Area 200 MS4 Training-MS4 Understanding Your SW Management Plan		
		3/20/2023	Area 100 MS4 Training-MS4 Understanding Your SW Management Plan		

2023 MS4 Training
Hwy Department Area 200
03/09/23

1. Municipal Separate Storm Sewer System (MS4) & Storm Water Management Program (SWMP)
 - 7,250 permitted Municipal Separate Storm Sewer Systems (MS4s),
 - Phase I & Phase II under a National Pollutant Discharge Elimination System (NPDES)
 - MS4 Storm Water Management Program (SWMP) that must include pollution prevention measures, treatment or removal techniques, monitoring, use of legal authority, and other appropriate measures to control the quality of storm water discharged to the storm drains and thence to waters of the United States

2. MS4 Area Map

3. Baldwin County MS4 SWMPP Minimum Control Measures
 - Education Outreach
 - Erosion & Sediment Control
 - Illicit Discharge Detection and Elimination
 - Post Construction Management
 - Good Housekeeping

4. Discussion of Point Source and Non-Point Source Pollution

5. Stormwater Video

6. MS4 Video

7. Questions

8. Upcoming Training Needs



Baldwin County Commission

Attendance Form - Safety Meeting Sign-In Sheet

Note to supervisor: Complete and file this form. Attach handout when used.

Department: Baldwin County Highway Dept. Area 200

Supervisor: Pete Peterson Asst. Supervisor: Forrest Davis

Date: 3/9/2023

Topic: Active Shooter/MS4 Training

Time: 6:30am

Print Name:	Employee #		Signature
Allen, James	120660	1	<i>James Allen</i>
Caswell, Jared	186134	1	<i>Jared Caswell</i>
Conway, Bryan	193646	1	<i>Bryan Conway</i>
Daniels, Jacob	193249	1	<i>Jacob Daniels</i>
Davis, Forrest	181278	1	<i>Forrest Davis</i>
Davis, Logan	193684	1	<i>Logan Davis</i>
Diosdado, Luis	193647	1	<i>Luis Diosdado</i>
Farnham, Bryan	193307	1	<i>Bryan Farnham</i>
Fulton, Brandon	183794	1	<i>Brandon Fulton</i>
Glass, Calvin	185821	1	<i>Calvin Glass</i>
Hallford, Tim	188888	1	<i>Tim Hallford</i>
Hantz, Ian	191330	1	<i>Ian Hantz</i>
Holston, Mike	182579	1	<i>Mike Holston</i>
Homan, Cory	193544	1	<i>Cory Homan</i>
Howell, Jamie	089447	1	<i>Jamie Howell</i>
Johnson, Burt	183528	1	<i>Burt Johnson</i>
Kesterson, Zackary	193683	1	<i>Zackary Kesterson</i>
Lee, Craig	183904	1	<i>Craig Lee</i>
Milstid, James	193539	1	<i>James Milstid</i>
Peterson, Gary	182760	1	<i>Gary Peterson</i>
Peterson, Phillip	136346	1	<i>Phillip Peterson</i>
Propst, Doug	165542	0	XXXXXXXXXXXXXXXXXX
Ramey, Belinda	193374	1	<i>Belinda Ramey</i>
Resmondo, Jack	183516	0	XXXXXXXXXXXXXXXXXX
Royster, Michael	182504	0	XXXXXXXXXXXXXXXXXX
Salac, Trenton	193224	1	<i>Trenton Salac</i>
Sanders, Edward	025259	0	XXXXXXXXXXXXXXXXXX
Sellers, Devin	191331	1	<i>Devin Sellers</i>
Stabler, Will	191594	1	<i>Will Stabler</i>
Stanton, Reginald	186537	1	<i>Reginald Stanton</i>
Strehle, Travis	193618	1	<i>Travis Strehle</i>
Szilagyi, Michael	193531	1	<i>Michael Szilagyi</i>
Wallace, Roger	181505	0	XXXXXXXXXXXXXXXXXX
Watts, Doug	183517	1	<i>Doug Watts</i>
Williams Jr., Freddie	193477	1	<i>Freddie Williams Jr.</i>
Wilson, Rhonda	114745	1	<i>Rhonda Wilson</i>

Younce, Anthony			<i>Anthony Younce</i>
	Total	31	

2023 MS4 Training
Hwy Department Area 100
03/20/23

1. Municipal Separate Storm Sewer System (MS4) & Storm Water Management Program (SWMP)
 - 7,250 permitted Municipal Separate Storm Sewer Systems (MS4s),
 - Phase I & Phase II under a National Pollutant Discharge Elimination System (NPDES)
 - MS4 Storm Water Management Program (SWMP) that must include pollution prevention measures, treatment or removal techniques, monitoring, use of legal authority, and other appropriate measures to control the quality of storm water discharged to the storm drains and thence to waters of the United States

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 - Post Construction Management
 - Good Housekeeping

4. Discussion of Point Source and Non-Point Source Pollution

5. Stormwater Video

6. MS4 Video

7. Questions

8. Upcoming Training Needs

Safety Meeting – Bay Minette Hwy Dept. / Area 100

Topic: Back Safety / Proper Lifting

March 20, 2023

W/O # HW23903 SMI

Agerton, Blake	192393	1	Boose
Anderson, Dillon	192394	2	Ph
Anderson, Joshua	193415	3	Ph
Black, Randy	185205	4	Randy Black Jr
Boutwell, David	026438	5	David Boutwell
Bradley, James	183846	6	James
Brown, Cole	193291	7	Cole Brown
Bush, Jack	181753	8	Jack Bush
Carlisle, Michael "Dylan"	180702	9	Michael
Denton, William "Bill"	193392	10	Bill Denton
Flowers, Kevin	191591	11	
Gentry, Robert "Bobby"	174414	12	Robert
Harville, Danny	107828	13	Danny Harville
Harville, Jacob	119394	14	Jacob Harville
Howell, Rodney	019415	15	Rodney Howell
Jones, Patricia "Patty"	191527	16	Patty Jones
Kelmer, Joseph "Joey"	046691	17	
Killingsworth, Luke	1931080	18	Luke Killingsworth
Knight, Jacobie	193598	19	Jacobie Knight
Knott, Larry "Bailey"	193624	20	Larry Knott
Koutny, Jaroslav "JK"	164603	21	JK
Ledbetter, Marcus	193267	22	Marcus
McFarland, Matthew	188893	23	Matthew M. E.
Monte, Tammy	175871	24	
Odom, Joshua	193396	25	
Owens, Alvin "Mike"	062375	26	Mike Owens
Prim, Donald	191814	27	Donald
Pugh, Mark	188214	28	Mark Pugh
Simpson, Cody	193226	29	
Smith, Dillon	183572	30	Dillon
Stevens, Ray	191085	31	Ray
Van Vleet, Kelth	185692	32	Kelth
Venema, Gavin	193561	33	Gavin
Weaver, Cody	188056	34	Cody Weaver
White, Robert "Rusty"	089560	35	Robert White
Wilson, Timothy	193563	36	Timothy
Jeremy Howell	144901	37	Jeremy Howell

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

NPDES Permit Section	SWMP Section	6-Illicit Discharge and Elimination Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-2ai</i>	6.14	<i>Staff Training</i>	<i>Provide additional stormwater training as needed during permit cycle to employees with program responsibilities</i>	<i>All</i>	<i>Hwy & P&Z</i>
2022/2023			No additional training		

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

NPDES Permit Section	SWMP Section	6-Illicit Discharge and Elimination Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-2ai</i>	6.15	<i>Standard Operating Guidance (SOG)</i>	<i>Throughout the permit cycle, the County will review and update its Standard Operating Guidance documents</i>	<i>All</i>	<i>P&Z</i>
2022/2023			No updates to SOGs-Forms Updated		

BCHD GUIDELINES FOR OPERATIONS

Activity/Sub-Activity Description: Outfall Reconnaissance Inventory

Activity Code Number: 523

Administered by: Operations Section

Definition/Scope: This process is used by Baldwin County Highway Department employee(s) for Identifying & collecting at the Outfall Reconnaissance

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

Objectives: Find Outfall Reconnaissance points and map locations

Implementation Plan: Follow this procedure for Outfall Reconnaissance points.

Follow-up Plan: Use maps as a guide for locations to take samples at Outfall Reconnaissance points.

Procedure to Accomplish: See below

- Use USGS maps to identify perennial and intermediate streams in the MS4 area
- Use the county GIS database to overlay the USGS map with the county maintained road system
- Identify the locations where the two intersect. These are your outfall locations
- Label the outfall locations numerically
- If more than one of their points intersects state waters at the same location, identify those additional location's with sub letters i.e. A,B,C,D
- Field verify all locations to ensure conditions are accurately captured
- Capture subwatershed, latitude, longitude, and fill out Outfall Inspection form
- Create a location map of each inspection point to attach to the Outfall Inventory Inspection form
- Inspect the outfall every 5 years



**Baldwin County
Catch Basin and Outfall**

Reconnaissance Inventory/Sample Collection Field Sheet

Section 1: Background Data

Subwatershed:Co		Outfall ID:	Outfall not in inventory: <input type="checkbox"/>
Today's date:		Time (Military):	
Investigators:		Form completed by:	
Temperature:	Rainfall (in.): Last 24 hours:		Last 48 hours:
Latitude:	Longitude:	GPS Unit:	Location as mapped: <input type="checkbox"/>
Camera:		Photo #s:	
Land Use in Drainage Area (Check all that apply): <input type="checkbox"/> Industrial <input type="checkbox"/> Open Space <input type="checkbox"/> Urban Residential <input type="checkbox"/> Institutional <input type="checkbox"/> Suburban Residential Other: <input type="checkbox"/> Commercial Known Industries:			Maintenance Priority: <input type="checkbox"/> Priority 1 <input type="checkbox"/> Priority 2 <input type="checkbox"/> Priority 3 Notes:
Notes (e.g., origin of outfall, if known):			

Section 2: Outfall Description

Location	Material	Shape		
<input type="checkbox"/> Closed Pipe Diameter/Dimensions:	<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> PVC <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Other:	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Other:	<input type="checkbox"/> Single <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other:	In water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete/Paved <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other:	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other:		Depth: Top Width: Bottom Width:
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No (If No, Skip to Section 5)			
Flow Description	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Catch Basin and Outfall
Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

 Are Any Physical Indicators Present in the flow? Yes No (If No, Skip to Section 5)

Indicator	Check if Present	Description	Relative Severity Index		
Odor	<input type="checkbox"/>	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/Sour <input type="checkbox"/> Petroleum/Gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint	<input type="checkbox"/> 2 – Easily Detected	<input type="checkbox"/> 3 – Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Faint colors in sample bottle	<input type="checkbox"/> 2 – Clearly visible in sample bottle	<input type="checkbox"/> 3 – Clearly visible in outfall flow
Turbidity	<input type="checkbox"/>	See severity	<input type="checkbox"/> 1 – Slight cloudiness	<input type="checkbox"/> 2 – Cloudy	<input type="checkbox"/> 3 – Opaque
Floatables - Does not Include Trash!!	<input type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other:	<input type="checkbox"/> 1 – Few/slight: origin not obvious	<input type="checkbox"/> 2 – Some; indicators of origin (e.g., possible suds or oil sheen)	<input type="checkbox"/> 3 – Some; origin clear (e.g., obvious soil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

 Are physical indicators that are not related to flow present? Yes No

Indicator	Check if Present	Description	Comments
Outfall Damage	<input type="checkbox"/>	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Oily <input type="checkbox"/> Flow line <input type="checkbox"/> Paint <input type="checkbox"/> Other:	
Abnormal Vegetation	<input type="checkbox"/>	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhibited <input type="checkbox"/> Invasive Species	
Poor Pool Quality	<input type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other	
Pipe Benthic Growth	<input type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other:	
Animal Life	<input type="checkbox"/>	<input type="checkbox"/> None/ little presence <input type="checkbox"/> Average presence <input type="checkbox"/> High presence	

Section 6: Overall Outfall Characterization
 Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

BCHD GUIDELINES FOR OPERATIONS

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination / Dry Weather Screening

Activity Code Number: 503

Administered by: Operations Section

Definition/Scope: This process is used by Baldwin County Highway Department employee(s) dry weather screening.

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

Objectives:

- Conduct inspections during dry weather periods
- Characterize and record observations on basic sensory and physical indicators

Implementation Plan:

- If an illicit discharge is detected, please follow the Illicit Discharge Standard Operating Procedure

Follow-up Plan:

- Perform inspections of MS4 area at least once per permit cycle.
- If dry weather flow is present at the outfall, and the flow does not appear to be an obvious illicit discharge, attempt to identify the source of the flow then document the discharge for future comparison.
- Fill out MS4 Outfall Inspection Form
- Take photos for record.

Procedure to Accomplish:

Responsibilities Summary: The Baldwin County Highway Department employee responsible for performing dry weather screenings shall be responsible for implementing this SOP.



Baldwin County ILLICIT DISCHARGE REPORTING FORM



Inspector Information

Name: _____	
Contact Phone Number: _____	Date and Time Discharge Discovered: _____

Discharge Information

PID Identification Number: _____			
COUNTY	SR	SEGMENT	OFFSET
(1) Owner Name/Address: _____			
City/Boro/Twp: _____		Nearest Intersection/Landmark: _____	
GPS location, if known: _____		Lat: _____	Long: _____

How Long since Last Rainfall: <input type="checkbox"/> Raining Now <input type="checkbox"/> 0-2 Days <input type="checkbox"/> 3 or more Days	Nature of Discharge or Flow: <input type="checkbox"/> Solid (Continuous) <input type="checkbox"/> Intermittent (Occasional) <input type="checkbox"/> Pulsing (Fluctuating) <input type="checkbox"/> Transitory (Prior Spill)
If possible, identify the source of the discharge* <input type="checkbox"/> Pipe Outfall <input type="checkbox"/> Gutter <input type="checkbox"/> Sanitary Wastewater <input type="checkbox"/> Ditch <input type="checkbox"/> Septic System <input type="checkbox"/> Spill <input type="checkbox"/> Storm Sewer <input type="checkbox"/> Other: _____ <small>* Add descriptions of discharge/source to Field Photograph Log Sheet</small>	Potential for Discharge to enter into: <input type="checkbox"/> Stream/Water Body <input type="checkbox"/> Wetland <input type="checkbox"/> Storm Drain <input type="checkbox"/> Other: _____
Was water flow observed? <input type="checkbox"/> Yes <input type="checkbox"/> No Direct Connection to pipe/inlet? <input type="checkbox"/> Yes <input type="checkbox"/> No	Was a photo taken? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, attach photos.

(2) Describe Odor:			
<input type="checkbox"/> None	<input type="checkbox"/> Musty	<input type="checkbox"/> Rotten Eggs (Sulphur)	<input type="checkbox"/> Rancid/Sour Milk
<input type="checkbox"/> Sewage	<input type="checkbox"/> Gas/Petroleum	<input type="checkbox"/> Cooking Oil	<input type="checkbox"/> Other: _____

(2) Describe Clarity:				
<input type="checkbox"/> Clear	<input type="checkbox"/> Cloudy	<input type="checkbox"/> Opaque	<input type="checkbox"/> Sheen	<input type="checkbox"/> Gray

(2) Describe Color:						
<input type="checkbox"/> Red	<input type="checkbox"/> Yellow	<input type="checkbox"/> Brown	<input type="checkbox"/> Green	<input type="checkbox"/> Gray	<input type="checkbox"/> White	<input type="checkbox"/> Other: _____

(2) Solids/Floatables:							
<input type="checkbox"/> Garbage	<input type="checkbox"/> Sewage	<input type="checkbox"/> Tissue	<input type="checkbox"/> Oil Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Scum	<input type="checkbox"/> Iron Sheen	<input type="checkbox"/> Unknown

Additional Information to assist in the Investigation (Vegetation Impacts?): _____

Describe Upstream/Source Origin/Land Use: Forest Ag Res Farmstd Com Ind Vac Inst Muni Mng

Send completed form to: planning@baldwincountyal.gov

<i>Follow up Investigation (to be completed by Environmental Staff)</i>		
Outfall Location: _____	Within UA?: Y / N	County _____
FIELD ANALYSIS:		
Odor: _____	Solids/Floatables: _____	Flow: _____
Clarity: _____	Sheen/Scum: _____	Source Confirmed? Y / N
Color: _____	Condition of Vegetation: _____	Direct Connection? Y / N
Comments: (Immediate Environmental Concern? Y / N)		
DATE: _____	Inspection Name _____	Additional notes to file: _____
Follow-up with Complainant: _____	Send Confirmed ID Elimination/Removal Letter: _____	

INSTRUCTIONS TO COMPLETE ILLICIT DISCHARGE (PID) REPORTING FORM

WHAT IS AN ILLICIT DISCHARGE:

An illicit discharge is any discharge into the highway storm sewer system that is not composed entirely of stormwater. Examples:

- Dry weather discharges of wastewater into the storm sewer system from illegal dumping; spills and other non-stormwater pollution sources
- Discharges of pollutants, contaminants or illicit materials into storm drainage/sewer systems (oil, grease, solvents, metals, nutrients, toxics, viruses, bacteria)
- Improper antifreeze, oil disposal from vehicle maintenance, service stations
- Vehicle washing wastewaters
- Autobody/repair facility waste waters
- Plating shop waste water
- Manufacturers waste water
- Private service agencies waste water
- Wholesale/retail est. waste water
- Sanitary wastewater/connections
- Mobile rug cleaning waste dumping
- Laundry waste waters
- Disposal of auto/household toxics
- Vehicular/accidental spills
- Dairy barn waste waters
- On-lot disposal system- sewage effluent.

WHAT IS NOT AN ILLICIT DISCHARGE:

The following non-stormwater discharges are not illicit discharges:

- Discharges from firefighting activities
- Potable water sources including dechlorinated waterline and fire hydrant flushings
- Irrigation drainage
- Lawn watering
- Water from individual residential car washing
- Dechlorinated swimming pool discharges
- Water from crawl space pumps
- Uncontaminated water from foundation or footing drains
- Routine external building wash down which does not use detergents or other compounds
- Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless spilled material has been removed) and where detergents are not use
- Air conditioning condensate
- Springs
- Uncontaminated groundwater

(1.) Property Owner Information:

Determine property owners name, if available, and street address of the discharge source in the event that follow-up action or elimination is required. If unable to determine owner, write in "undetermined".

(2.) Description of Discharge for source identification/verification.

a. Odor: Determine which odors apply.

b. Clarity: How clear is the discharge?

c. Color: Discharge color and colors in swale, pipe, ditch, etc. (Document if red/green deficient)

d. Solids/Floatables: Identify indicators of source.

Description of Solids/Floatables: • Iron vs. Oil Sheens:

Iron leaches from soils forming a breakable sheen on stagnant water surfaces when poked with a stick. Oil sheens will conform around and coat the surface of the stick.

BCHD GUIDELINES FOR OPERATIONS

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination

Activity Code Number: 503

Administered by: Operations Section

Definition/Scope: This process is used by Baldwin County Highway Department employee(s) for dealing with illicit discharges. According to the EPA an illicit discharge is defined as any discharge to the municipal separate storm sewer system that is not composed entirely of storm water, except for discharges allowed under a NPDES permit or waters used for firefighting operations.

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

Objectives:

- Document observations using the outfall reconnaissance field sheet
- Document site location
- Visually inspect general area for possible sources of discharge
- Take photos
- Collect samples if possible
- Complete the Illicit Discharge Inspection Form

Implementation Plan:

- In the event that illicit discharges do occur, the following parties shall be notified:
 - Supervisor
 - Health Department
 - ADEM
 - Utility / Facility Owner (as applicable)

Please refer to the contractor contact list for cleanup contractors needed during spills.

Follow-up Plan:

Procedure to Accomplish:

- Actions shall be taken to minimize illicit discharges. These actions shall include good construction practices as well as the installation and maintenance of BMP's.

Responsibilities Summary: The Baldwin County Highway Department employee responsible for performing dry weather screenings shall be responsible for implementing this SOP.

BCHD GUIDELINES FOR OPERATIONS

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination / Sewer Detection

Activity Code Number: 503

Administered by: Operations Section

Definition/Scope: This process is used by Baldwin County Highway Department employee(s) for dealing with detection of sewer leakage / spills.

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

Objectives:

- County Employee performs routine site inspection
- The following parameters shall be looked for during the inspection:
Grayish Turbidity, Odor, Floatables, Algae-growth and Bacterial growth.
- If any of the above are detected during the inspection, sanitary sewer or a failing septic system may be the root of the problem.
- The County shall immediately notify the Baldwin County Health Department at 251-947-3618.

Implementation Plan:

- In the event that sewer spill is detected, the following parties shall be notified:
 - Supervisor
 - Health Department
 - ADEM
 - Utility / Facility Owner (as applicable)

Please refer to the contractor contact list for cleanup contractors needed during spills.

Follow-up Plan:

Procedure to Accomplish:

Responsibilities Summary: The Baldwin County Highway Department employee responsible for performing inspection to determine if sewer spill has occurred.

BCHD GUIDELINES FOR OPERATIONS

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination / Hazardous Materials

Activity Code Number: 503

Administered by: Operations Section

Definition/Scope: This process is used by Baldwin County Highway Department employee(s) for dealing with spills that may contain hazardous materials. Any dangerous good (solid, liquid or gas) that can harm people, other living organisms, property or the environment is considered a hazardous material.

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

Objectives: **LIFE SAFETY FIRST – I'M SAFE, YOU'RE SAFE, WE'RE SAFE**

- If safe to do so, remove any victim(s) from the immediate vicinity of the spill, remembering that they are contaminated
- Consider evacuation

Please refer to the 1996 North American Emergency Response Guidebook

Implementation Plan: (for spills containing petroleum based products)

- Spill only – less than 25 gallons, not in water – notify supervisor, dyke product to prevent runoff and initiate clean up procedures
- Spill only in excess of 25 gallons or in water – notify 911 and request EMA, notify supervisor, notify ADEM, dyke product to prevent runoff, and notify hazmat contractor for clean up
- Spill with injury – call 911 and request EMS, Fire Department and EMA, notify supervisor to notify HR, dyke product to prevent runoff (quantities still apply)

Critical Information:

- On Scene Contact Name
- On Scene Contact Number
- Location –physical address, street, mile marker, direction (East, West etc.)
- City or County
- Road/Lane closures
- Type of material spilled

Please refer to the attached contractor contact list for cleanup contractors needed during spills.

Follow-up Plan: Actions shall be taken to minimize the spill location

Procedure to Accomplish:

Responsibilities Summary: The Baldwin County Highway Department shall take immediate precautionary measures to ensure the spill is contained and the appropriate authorities have been notified.

Baldwin County Highway Department
Activity Listing
Sequenced by Id

Id	Description
003	Holiday
004	Sick Leave
005	Annual Leave
006	Subsistence
007	Jury Duty
008	Military Leave
010	Other Pay
011	Personal Leave
013	Administrative Leave
020	LWOP
021	Workman's Comp
023	Disability LWOP
105	PE
110	CE&I County Projects
112	Grassing Hydroseeding
114	Geotechnical Engineering
115	Property Acquisition
116	Util Permit, Inspect & Coordin
117	Right-of-Way Research
118	Right-of-Way Acquisition
119	Survey Field Work
120	Bridge Inspection
121	ROW Monument Installation
222	Paving Dirt Road
250	Construction Preparation
300	Sign/Replace Stolen/Vandalized
301	Sign Maint - Routine Maint
302	Sign Install New
303	Traffic Signal Maint
304	Thermoplastic Markings/Legends
305	Thermoplastic Striping
311	Paint Markings - Legends
420	Asphalt Patching
430	Resurfacing
436	Paint Striping
447	Bridge Repair
457	Pavement Markers
464	Strip Patching
465	Resurfacing Preparation-RRR
466	Side Drain Repair/Replacement
467	Cross Drain Repair/Replace
468	Grading and Basing
469	Clearing and Grubbing
475	GPS Data Collection
480	Shoulder Improvements
481	Chip Shoulders
485	Sidewalk Maintenance
501	Cost Est Prep/County Roads
502	Cost Est Prep/Other Agencies
503	Environmental Permit Process
504	Traff Control Device Inventory
505	AFM Program
506	Traffic Engineering
507	Emergency Disaster Work Mgt
508	Herbicide Spraying
509	Equipment Mgt Program
510	Pavement Mgt Program

Baldwin County Highway Department
Activity Listing
Sequenced by Id

Id	Description
511	Map Plan Review
512	Hydraulic Engineering
513	Install Emergency Signs
514	Sign Handling/Preparation
515	Traff Control - Special Events
516	Kronos Time Mgt
517	E-mail Correspondence
518	Meetings/Presentations
519	Personnel Mgt
520	Data Entry/Reporting
521	Corresponding with Citizens
522	Agenda Item Preparation
523	Administrative Duties
524	Bids/Contract Prep & Maint
525	Project Management
526	Highway Mgt Plan
527	Billings/Invoices
528	Computer Program Operations
529	Adopt-a-Mile Program
530	Right-of-Way Vacations
531	Miscellaneous Permits
532	County Boat Launch Maintenance
533	County Building Maintenance
534	County Park Maintenance
535	County Water Access
536	County Walk/Bike Trail Maint
537	Equipment Repair Maintenance
538	Road/Sign Inspection
539	CAD Work
540	Roadway Engineering
541	Bridge Engineering
542	Traffic Engineering
543	Site Engineering
544	Deed Preparation
545	Property Management
546	Budget
547	Brush & Tree Cutting Hand
548	Full Depth Reclamation
549	Front Desk Duties
550	Highway Setback Appeals
551	CE&I Contract Projects
552	Logistics
606	Blade Road
613	Graveling Dirt Road
614	Add Materials to Dirt Road
615	Ditching Dirt Roads
616	Ditching W Shovel
617	Clean & Repair Drain Structure
619	Install New Cross Drain
623	Inmate Transfer
624	Landscaping
625	Mowing
627	Brush & Tree Cutting Boom Mow
628	Erosion Ctrl Grass-Hydroseed
645	Bridge Maintenance Clearing
659	Traffic Operation Improvements
663	Wash Out Flood Damage Repair

Baldwin County Highway Department
Activity Listing
Sequenced by Id

Id	Description
666	Emergency Maintenance Call Out
670	Install New Side Drain
671	Driveway Repairs
681	Equipment Transfer
682	Miscellaneous Shop Work
684	Training
688	County Functions
689	Overhead Support
690	Flagging Traffic Control
691	Parks - Regular Maint
692	Material Handling
693	Transport Material
694	Litter Trash Pickup
695	Coordination w/ Gov't Agencies
696	Parks-Misc.
697	CIAP Construction Eng & Insp
801	Permit Division - Admin.
802	Subdivision Review & Permit
803	Subdivision Inspection
804	Indust/Commercial Permit Insp
805	Indust/Commercial Permit Revie
806	License Agreement Processing
807	Exemption Request
808	Rental Service
99	Debris Monitor

Table 6-1 Baldwin County Phase II MS4
MCM 2 IDDE Strategies and Goals

NPDES Permit Section	SWMPP Section	6-Illicit Discharge and Elimination Strategy	Goal	Pollution Targeted	Responsible Departments
<i>Part III-2ai</i>	6.17	<i>Program Evaluation</i>	<i>Throughout the permit cycle, review the IDDE minimum control measure strategies and goals achieved, prepare an annual report and update the SWMPP</i>	<i>All</i>	<i>P&Z</i>
2022/2023			The IDDE MCM strategies and goals have been achieved.		
			The county will continue to update its storm water		
			infrastructure inventory and inspection process.		

Table 7-1 Baldwin County Phase II MS4 MCM3
 Construction Site Stormwater Runoff Control Strategies and Goals

NPDES Permit Section	SWMPP Section	7-Construction Site Stormwater Runoff Control Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-3a	7.1	Construction Site Stormwater Runoff Control	Review and updated as needed the ordinances (Zoning, Subdivision, & Territory with Probable Exposure to Flooding) that regulate erosion control review procedures, & inspections	Sediment, Oils, Paints, & Trash	P&Z
2022/2023		Ordinance	Updates 5/17/2022		
		Zoning Ordinance	10.4 Wetland and Stream Overlay District		
		Zoning Ordinance	13.11 Stormwater Management Updates		
		Zoning Ordinance	13.12 Construction Best Management Practices Updates		

BALDWIN COUNTY

ZONING ORDINANCE

As amended: May 17, 2022
(with additional formatting edits)



BALDWIN COUNTY, ALABAMA

Planning and Zoning Department

Robertsdale Office:
22251 Palmer Street
Robertsdale, AL 36567

<https://baldwincountyal.gov/departments/planning-zoning>
planning@baldwincountyal.gov
251-580-1655

Foley Office:
201 East Section Ave
Foley, AL 36535

10.4 Wetland Overlay District Updates

- (a) Restrict or prohibit uses which are dangerous to health, safety and property due to water or erosion hazards, or which result in damaging increases in erosion or in flood heights or velocities.
- (b) Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction.
- (c) Control the alteration of natural floodplains, stream channels, and natural protective barriers which are involved in the accommodation of flood waters.
- (d) Control filling, grading, dredging and other development which may increase erosion or flood damage.
- (e) Prevent or regulate the construction of flood barriers which will unnaturally divert flood waters or which may increase flood hazards to other lands.

As an overlay district, the flood hazard district does not replace the requirements of the underlying zoning ~~district, but~~ district but provides additional development requirements and standards which must be met by any development on the property.

10.2.2 *Area of application.* The flood hazard overlay district applies to lands under the planning and zoning jurisdiction of Baldwin County which are subject to either tidal or fluvial flooding as determined by the Federal Emergency Management Agency (FEMA) and delineated on the Flood Insurance Rate Map(s) (FIRM) of Unincorporated Baldwin County.

10.2.3 *Requirements.* Areas which lie in flood hazard districts as determined by FEMA and delineated on the FIRM are subject to the requirements of the *Baldwin County Flood Damage Prevention Ordinance* adopted February 17, 1987 (as amended).

Section 10.3 Historic Resource Overlay District

10.3.1 *Purpose.* The purpose of the historic resource overlay district is to ensure enforcement of the rules and ordinances adopted pursuant to Act No. 80-497 as amended by Act No. 89-960 of the Legislature of Alabama which authorizes Baldwin County to protect the historical architectural character of the County.

As an overlay district, the historic resource district does not replace the requirements of the underlying zoning ~~district, but~~ district but provides additional development requirements and standards which must be met by any development on the property.

10.3.2 *Area of application.* The historic resource overlay district applies to lands under the planning and zoning jurisdiction of Baldwin County which are designated as historic districts or preservation districts by the County Commission under the authority of Act No.

80-497 as amended by Act No 89-960. Historic districts or preservation districts designated by the County Commission are:

- (a) Magnolia Springs Preservation District
- (b) Montrose Preservation District
- (c) Battle's Wharf / Point Clear Preservation District
- (d) Malbis Preservation District

10.3.3 *Requirements.* Areas which lie in historic districts or preservation districts as designated by the County Commission are subject to the requirements of the Architectural & Preservation District Review Board of Baldwin County and any and all rules and ordinances adopted pursuant to Act No. 80-497 as amended by Act No. 89-960 of the Legislature of Alabama (refer to *Standards for Architectural Review and Development in Baldwin County Historic Districts*).

Section 10.4 Wetland and Stream Protection Overlay District

10.4.1 *Purpose.* The wetlands and streams within Baldwin County, Alabama are indispensable and fragile natural resources with significant development constraints due to flooding, erosion and soils limitations. In their natural state, wetlands and streams serve man and nature. They provide habitat areas for fish, wildlife and vegetation; water quality maintenance and pollution control; flood control; erosion control; natural resource education; scientific study; and open space and recreational opportunities. In addition, wise use of forested wetlands and streams is essential to the economic well-being of Baldwin County. A considerable number of these important natural resources have been lost or impaired by draining, dredging, filling, excavating, building, pollution and other acts. Piecemeal or cumulative losses will, over time, destroy additional wetlands. Damaging or destroying wetlands and streams threatens public safety and the general welfare. It is therefore necessary for Baldwin County to ensure maximum protection for wetlands by discouraging development activities that may adversely affect wetlands. Except as exempted herein, jurisdictional wetlands shall not be filled to create buildable uplands.

The purpose of the wetland and stream protection overlay district is to promote wetland and stream protection, while taking into account varying ecological, economic development, recreational and aesthetic values and to protect wetlands from alterations that will significantly affect or reduce their primary functions for water quality, floodplain and erosion control, groundwater recharge and wildlife habitat.

10.4.2 *Area of application.* The wetland and stream protection overlay district applies to wetlands and streams under the planning and zoning jurisdiction of Baldwin County. The Generalized Wetland Map adopted as part of these zoning ordinances shows the general location of wetlands and should be consulted by persons contemplating activities in or near wetlands and streams. The Generalized Wetland Map, together with all explanatory

matter thereon and attached thereto, is hereby adopted by reference and declared to be a part of these zoning ordinances. The Generalized Wetland Map shall be kept on file in the offices of the Planning & Zoning Department.

10.4.3 *Wetland and stream protection district boundaries.* The Generalized Wetland Map is a general reference document and wetland boundaries indicated on the map are approximations. The Generalized Wetland Map is to alert developers/landowners if they are within proximity to a wetland, which means that there is a high likelihood of the presence of a jurisdictional wetland and/or stream and at the potential need for the developer/landowner to seek U.S. Army Corps of Engineers guidance as to whether a Section 404 permit will be required prior to any activity. -The Generalized Wetland Map does not represent the boundaries of jurisdictional wetlands and streams within the jurisdiction of Baldwin County and cannot serve as a substitute for a wetland and/or stream delineation performed by a Professional Wetland Delineator or a jurisdictional wetland determination of wetland and stream boundaries by the U.S. Army Corps of Engineers, as required by Section 404 of the Clean Water Act, as amended. Any local government action under this section does not relieve the landowner from federal or state permitting requirements.

10.4.4 *Permit requirements.* ~~A U.S. Army Corps of Engineers wetlands jurisdictional determination if the proposed planned development contains wetlands or if the Zoning Administrator or his/her designee determines potential wetlands from the Generalized Wetland map as defined herein, or through a site visit by County Staff. The non-disturbed setback for development from a jurisdictional wetland and/or stream must be a minimum of 30 feet unless exempted by Section 10.4.6 below. The stream setback shall be from the top of bank on both sides of the waterway. When a stream is located within a gully, the top of bank shall be the top of the bank of the gully.~~

If the area proposed for development is located within fifty (50) feet of the wetland and stream protection district boundary (whether on the property or an adjacent property); as determined from the Generalized Wetland Map, the following shall apply:

1. For minor projects, a wetland and/or stream assessment performed by a Professional Wetland Delineator shall be required prior to the issuance of a Site Plan Approval, unless, based on clear evidence obtained from a desktop review, Planning & Zoning staff document the absence of wetlands (i.e. properly graded lots in an approved subdivision). If the wetland assessment identifies jurisdictional wetlands and/or jurisdictional streams, the jurisdictional wetlands and/or streams shall be shown on the site plan with the required thirty (30) foot non-disturbed wetland or stream setback. After review of the wetland and/or stream assessment, the Zoning Administrator or his/her designee may determine that a wetland delineation and/or an U.S. Army Corps of Engineers Jurisdictional Determination (JD) is required. In such case, Site Plan Approval

will be subject to the submittal approval of the Jurisdictional Determination from the U.S. Army Corps of Engineers.

2. For major projects, if the area proposed for development is located in or within the wetland protection district boundary, as determined from the Generalized Wetland Map, a U.S. Army Corps of Engineers jurisdictional wetland and/or stream delineation determination performed by a Professional Wetland Delineator shall be required prior to the issuance of a Site Plan Approval. If the Corps wetland and/or stream delineation determines that jurisdictional wetlands and/or streams are present on the proposed development site, the jurisdictional wetlands and/or stream shall be shown on the site plan with the required thirty (30) foot non-disturbed wetland or stream setback. After review of the wetland and stream delineation, the Zoning Administrator or his/her designee may determine that a U.S. Army Corps of Engineers Jurisdictional Determination (JD) is required. In such case, Site Plan Approval will be subject to approval of the Jurisdictional Determination from the U.S. Army Corps of Engineers.
3. When the area of proposed development is within fifty (50) feet of the wetland and stream protection district boundary, but on the potential wetlands are located on a different, adjacent property, the applicant shall either:
 - a. Include the wetlands on the neighboring property in its required delineation, or
 - b. If access to the neighboring property cannot be obtained, perform the required delineation only on the applicant's property and assume the wetlands on the adjacent property are present up to the adjoining property line for the purposes of determining the applicable setback.

When a jurisdictional determination is deemed necessary due to a disagreement about the existence of wetlands, the Planning Director may, in lieu of a jurisdictional determination, accept a second wetland and/or stream delineation prepared by a professional wetland delineator who is not affiliated with the specialist responsible for the original delineation. The Planning Director may still require a Jurisdictional Determination should the two submitted delineations disagree.

If jurisdictional wetlands and/or streams will be filled or altered, then the applicant shall submit a U.S. Corps of Engineers 404 Wetland Permit and, unless exempted under Section 10.4.7, a Baldwin County wetland and/or stream setback variance approval by the Board of Adjustment prior to Site Plan approval.

and that a Section 404 Permit or Letter of Permission is required, a Site Plan Approval will be issued only following issuance of the Section 404 Permit or Letter of Permission.

10.4.5 Existing Stormwater Management Areas. Where development is proposed that will result in the filling of an existing stormwater management area (which may include

non-jurisdictional wetlands, hydric soil areas, existing water features, ditches, etc.) that contributes to the stormwater management of the site, the existing stormwater management area shall not be filled unless comparable and equivalent stormwater management is provided as part of the development and certified by an Alabama Licensed Professional Engineer. Existing stormwater management areas which are not proposed to be replaced with comparable and equivalent stormwater management shall be protected with a 5-foot natural buffer.

10.4.6 Subdivisions in the Wetland Protection Overlay District. Any application for subdivision approval on property which contains wetlands or if the Zoning Administrator or his/her designee determines potential wetlands from the Generalized Wetland map defined herein ~~through a site visit by County Staff, will have to~~ shall obtain a wetland delineation performed by a Professional Wetland Delineator. If the wetland delineation identifies jurisdictional wetlands and/or streams on the proposed development site, the jurisdictional wetlands and/or streams shall be shown on the site plan with the required thirty (30) foot non-disturbed wetland and/or stream setback. The stream setback shall be from the top of bank on both sides of the waterway. When a stream is located within a gully, the top of bank shall be the top of the bank of the gully. After review of the wetland and/or stream delineation, the Zoning Administrator or his/her designee may determine that a U.S. Army Corps of Engineers Jurisdictional Determination (JD) is required. If the Corps determines that wetlands are present and that a Section 404 Permit or Letter of Permission is required, development may not proceed until the Section 404 Permit or Letter of Permission is issued.

~~10.4.5 Subdivisions in the Wetland Protection Overlay District.~~ Where a parcel of land proposed to be subdivided contains an area of jurisdictional wetlands and/or streams delineated as jurisdictional by the Army Corps of Engineers, said wetlands and/or stream shall be subject to Section 404(b)(1) guidelines concerning fill material disposal into wetlands. Lots may be platted only where sufficient upland areas exist to provide a building site for the principal structure and necessary ancillary facilities. Fill may be used where necessary to provide access to lots where approval for such fill has been received from the Army Corps of Engineers and other appropriate governmental agencies. Development may not proceed until the Section 404 Permit or Letter of Permission is issued.

Wetlands and/or streams delineated as jurisdictional ~~by the Army Corps of Engineers~~ and not permitted for fill for access shall be set aside as common area or shall be contained within an easement dedicated to protect the wetland and/or streams. Said common area or maintenance easement shall include at a extend a minimum of a 30-foot non-disturbed wetland setback beyond the limits of the wetland. Maintenance responsibility shall be vested in the trustees of the subdivision, by virtue of the trust indenture.

10.4.7 Exemptions.

a) Lots of record that acquire all federal and state permits and that meet one or more of the following conditions shall be exempt from the prohibition of filling wetlands to create a buildable area and the corresponding setback requirements and a Variance from the Baldwin County Board of Adjustments shall not be required:

- i. Up to 1/10th of an acre on ~~L~~lots that are 100% wetland;
- ii. The minimum fill required for access (including an internal road) to a lot when no other access to a public road or easement is available;
or
- iii. Fill necessary to create a maximum of 1/10-of-an-acre of buildable uplands on residential ~~L~~lots where insufficient uplands are available. it is demonstrated that the only way to build on the lot is to impact the wetlands and/or setback. If uplands already exist on the lot, those existing uplands shall be applied toward the 1/10th acre maximum.

The requirements in Section 10.4 for the performance of a wetland assessment, delineation, and/or jurisdictional determination are not exempted.

b) Pile supported marine accessory structures installed for recreational use with minimal land disturbance shall be exempt from the wetland and/or stream setback requirements (so long as no wetland fill occurs beyond the individual pile supports) and assessment, delineation, and/or jurisdictional determination requirements of this Ordinance, so long as no pollutants (including sediments) are released into surrounding wetlands or streams. The Applicant may still be required to obtain a land disturbance permit and/or site plan approval under Article 13.12 and shall obtain all necessary state and federal permits.

c) Bulkheads, retaining walls, and similar structures with minimal land disturbance shall be exempt from the wetland and/or stream setback requirements of this Ordinance only, so long as no pollutants (including sediments) are released into surrounding wetlands or streams. The Applicant may still be required to obtain a land disturbance permit under Article 13.12 and shall obtain all necessary state and federal permits. The requirements in Section 10.4 for the performance of a wetland assessment, delineation, and/or jurisdictional determination are not exempted.

d) Recreational trails shall be exempt from the wetland and/or stream setback requirements of this Ordinance only, so long as no pollutants (including sediments) are released into surrounding wetlands or streams. The Applicant may still be required to obtain a land disturbance permit under Article 13.12 and shall obtain all necessary state and federal permits. The requirements in Section 10.4 for the performance of a wetland assessment, delineation, and/or jurisdictional determination are not exempted.

a) Agricultural operations shall be exempt from this Section so long as all required state and federal permits have been obtained

10.4.8 Wetland Density. The provisions of 12.11.24 are cross-referenced herein.

Section 10.5 Gulf Beach Overlay District

10.5.1 *Purpose.* The Gulf Beach Overlay District is implemented to protect the natural environment, to encourage open space development design and to protect the public health, safety and welfare of the public. This overlay district shall only apply in Planning District 25 in the area herein defined in *Section 10.5.2*.

10.5.2 *Established boundaries.* The Gulf Beach Overlay District boundaries shall be as depicted on the Planning District 25 Official Zoning Map. Changes to said boundary shall constitute a zoning map amendment.

10.5.3 *Applicability.* The Gulf Beach Overlay District relaxation of maximum building heights shall be applicable only to Planned Residential Developments (PRD) lawfully approved before May 4, 2004.

10.5.4 *Development standards.*

(a) *Building height.* Building heights may lawfully exceed the maximum building height contained in applicable sections of the Zoning Ordinances.

(b) *PRD site plan minor changes.* Minor changes defined in *Section 9.9.1* may be made to an approved PRD site plan.

(c) *PRD site plan substantial changes.* Substantial changes defined in *Section 9.9.1* which requires PRD amendment or modification shall be subject to applicable maximum height ordinances of 8 habitable stories in Planning District 25.

(d) *PRD site plan approval period.* Site plan approval periods and extensions given in *Section 9.10: Approvals*, shall be in full force and effect in the overlay district. Expiration of a PRD site plan shall require subsequent site plans to be in full compliance with all applicable ordinances.

(e) *Compliance with ordinances.* The overlay district shall only relax the maximum building heights of 8 habitable stories in the area defined in *Section 10.5.2*. This

section shall in no way remove, modify or supersede other applicable County ordinances which may apply.

13.12 Construction Best Management Practices Updates

Section 13.11 Stormwater Management

A stormwater management plan is required for all major projects. Such plan shall be prepared by a licensed engineer and shall be submitted in conjunction with an application for a site plan approval **certificate application** as herein provided. No development may proceed until a site plan approval application has been approved. All stormwater management plans shall comply with Section 5.11 and Section 5.12 of the Subdivision Regulations to the extent applicable. The Zoning Administrator shall, in consultation with the Building Official and County Engineer or his/her designee, determine that reasonable provisions for properly handling surface drainage have been made in the applicant's design. Reference Section 15.3.5 for stormwater management requirement for off-street parking.

In an effort to protect water quality and natural resources, the use of Low Impact Development practices is encouraged. Reference the **State of Alabama** Low Impact Development Handbook for additional information.

Section 13.12 Erosion Control Section 13.12 Construction Best Management Practices

13.12.1 Purpose and Intent. It is the purpose of this ordinance to further the maintenance of safe and healthful conditions, prevent and control water pollution, prevent and control soil erosion, protect spawning grounds, protect fish and aquatic life, control building sites, control placement of structures and land uses, preserve ground cover and scenic beauty, and promote sound economic growth. This will be done by minimizing the amount of sediment and other pollutants carried by runoff or discharged from land disturbing construction activity.

~~13.12.2 Definitions. Words and phrases used in this article shall have the meanings as set forth in this section. Words and phrases not defined in this section but defined elsewhere in the zoning ordinances shall be given the meanings as set forth in such ordinances. All other words and phrases shall be given their common, ordinary meaning unless the context clearly requires otherwise.~~

~~*Agricultural activity.* Planting, growing, cultivating and harvesting crops for human or livestock consumption and pasturing or outside yarding of livestock, including sod farms and silviculture. This includes waterways, drainage ditches, diversions, terraces, excavating, filling, and similar practices on farm fields.~~

~~*Best management practice (BMP).* Structural or non-structural measures, practices, techniques or devices employed to avoid or minimize soil, sediment, or pollutants carried in runoff to waters of the state.~~

~~*Construction site.* An area upon which one or more land disturbing construction activities occur, including areas that are part of a larger common plan of development or sale where multiple separate and distinct land disturbing construction activities may be taking place at different times on different schedules but under one plan.~~

~~*Erosion.* The process by which the land's surface is worn away by the action of wind, water, ice or gravity.~~

~~*Erosion and sediment control plan.* A plan developed to address pollution caused by soil erosion and sedimentation during land disturbing construction activity.~~

~~*Qualified Credentialed Inspector (QCI).* An operator, operator employee, or operator designated qualified person who has successfully completed initial training and annual refresher Qualified Credentialed Inspection Program (QCIP) training, and holds a valid certification from a Department approved cooperating training entity.~~

~~*Qualified Credentialed Professional (QCP).* A staff member of the Alabama Department of Environmental Management (ADEM) designated by the Director of ADEM, a licensed Professional Engineer, an Alabama Natural Resources Conservation Service professional designated by the State Conservationist, a Certified Professional In Erosion And Sediment Control, or other registered professionals (geologists, soil scientists, land surveyors, landscape architects).~~

~~*Sediment.* Settleable solid material that is transported by runoff, suspended within runoff or deposited by runoff away from its original location.~~

~~*Site.* The entire area included in the legal description of the land on which the land disturbing construction activity is proposed in the permit application.~~

~~*Water(s).* Includes, but is not limited to, water on or beneath the surface of the ground, including natural or artificial watercourses, streams, rivers, lakes, ponds, or diffused surface water and water percolating, standing, or flowing beneath the surface of the ground.~~

~~*Watercourse.* A natural or artificial channel through which water flows.~~

13.12.2 Permit Requirements

(a) A permit for land disturbance shall be required for:

1. Any land disturbance of greater than 500 square feet of land area on a single site; or
2. Any land disturbance greater than twenty-five (25) square feet within the 30-foot wetland or stream setback provided in Section 10.4.4, or any land disturbance in a wetland or stream setback that results in pollution impacts to the adjacent wetland or waterway; or
- 4.3. Any land disturbance, no matter the area, within a Jurisdictional Wetland.

No person, firm, business, or corporation shall engage in any land disturbing activity prior to obtaining a land disturbance permit from the Baldwin County Planning & Zoning Department. A Site Plan Approval, when required, may be used in lieu of a land disturbance permit and shall comply with the requirements set forth in this section.

(b) All applications for land disturbance permits shall be accompanied by a Construction Best Management Practices Plan (CBMPP) as follows:

1. Minor Projects—a simplified CBMPP, unless the site is required to have ADEM NPDES General Permit. A simplified CBMPP explains the steps you will take (such as silt fence, trash containment, hay bales, gravel construction access, etc) to minimize the amount of pollution and soil erosion that could leave the site and impact surrounding areas. The simplified plan can consist of a hand-drawn sketch labeling erosion control measures, trash collection locations, construction access drives, etc.

2. Major Projects—a CBMPP prepared by a QCP or Civil Engineer.

(c) Length of Permit Validity. In the event that the land disturbing activities are not started within six (6) months and /or the **land disturbance** work is not completed within **two (2) years** from the date of the permit issuance, said permit shall become invalid and a new permit shall be obtained.

13.12.3 *General Design Principles.* The following principles apply to all land disturbing activities within the jurisdiction of the Baldwin County Planning and Zoning authority and should be considered when preparing construction plans and/or submissions required under this ordinance:

(a) To minimize the potential for soil erosion, development should fit the topography and soils of the site. Areas with extreme slopes where cuts and fill would be required should be avoided.

(b) Natural vegetation should be maintained and protected wherever and whenever possible. Areas immediately adjacent to watercourses, wetlands and lakes should be left undisturbed wherever possible.

(c) All construction activities on a site should be conducted in a logical sequence so that the smallest practical area of land will be exposed for the shortest practical period of time during development.

(d) Sediment basins, silt traps and filters should be installed prior to the beginning of construction to remove as much sediment as possible from runoff leaving the site or entering watercourses, wetlands, lakes or reservoirs.

(e) The selection of soil erosion and sedimentation control measures should be based on the size of the project, the frequency of climatic events likely to accelerate erosion, the season during which the project is being constructed, and the potential for damage should erosion and sedimentation occur.

(f) In the design of erosion and sedimentation control measures the requirements for proper maintenance will be considered.

(g) Provision should be made to accommodate the increased runoff caused by altered surface and soil conditions both during and after development. Drainage

ways should be designed so that their final gradients and resultant velocities will not cause erosion.

(h) Provision should be made for the proper transport of soil from the site without tracking or spilling soil along the transport route.

(i) Provisions should be made for the proper onsite containment of all construction materials, washout water, and solid waste.

(ii) Permanent vegetation and erosion control structures should be installed and temporary structures removed prior to the issuance of final occupancy permits.

(jk) Any land disturbance activity which takes place in a right-of-way will require approval from the governing agency and written evidence of approval shall be submitted with the application.

13.12.4 *Design Criteria, Standards and Specifications.* All erosion and sediment control measures, including, but not limited to those required to comply with this ordinance, shall meet the design criteria, standards and specifications given in the most current version of the Alabama Handbook for Erosion Control, Sediment Control and Storm Water Management on Construction Sites and Urban Areas.

13.12.5 Construction Best Management Practices Plan (CBMPP) Minimum Requirements for Major Projects. Control of all construction best management practices through the entire duration of the construction and land disturbing activity is the responsibility of the applicant.

(a) As a minimum the plan shall show all existing and proposed:

1. Site boundaries, lots, etc.

2. All watercourses (with sizes), ponds, lakes, wetlands.

3e. Apparent floodplains, floodway fringes, and floodways.

4d. Soil types and their erodibility. The information provided in the Soil Survey of Baldwin County, Alabama as published by the U.S. Dept. of Agriculture, Natural Resources Conservation Service, is appropriate.

5e. Vegetative cover such as crops, grass, weeds, and/or trees. The use of exotic or invasive species as proposed vegetative cover is discouraged.

6f. Utilities, structures, road pavements and other improvements.

7g. Existing contours at an interval not greater than 2 feet. An adequate number of spot elevations may be provided in lieu of the contours.

8h. Locations and dimensions (where applicable) of all proposed erosion control and other best management practices.

(b) The following measures shall be utilized, where required, to provide **adequate construction best management practices**.

(1) Land disturbance that results in a total land disturbance of one acre or greater and sites less than one (1) acre but are part of a Common Plan of Development or Sale shall have permit coverage under the ADEM NPDES Construction General Permit prior to the issuance of the Land Disturbance Permit and/or Land Use Permit. At a minimum, the site's CBMPP shall meet all conditions and qualifications of the General Permit and BMP design should be based on the guidance in the Alabama Handbook.

(2) Best Management Practices (BMPs) shall be required for all land disturbing activities. It shall be the sole responsibility of the contractor/or permittee to promptly implement effective BMPs in accordance with the permittee's land disturbance permit and submitted Construction Best Management Practices Plan prior to commencing the Land Disturbing Activity. The permittee shall be solely responsible for ensuring that all BMPs are implemented and maintained for the entire duration of the Land Disturbing Activity. The permittee shall also be solely responsible for ensuring that the BMPs are shown and detailed in the plan in accordance with established industry standards, good engineering practices, and all standards as set out in the Alabama Handbook.

(3) Erosion and sediment control practices **shall** minimize offsite impacts.

(4)The permittee shall ensure proper onsite containment and disposal of all construction materials, supplies, trash, debris, fertilizers, pesticides, herbicides, detergents, sanitary waste and any other solid waste.

(5)The permittee shall ensure proper onsite containment and disposal of any pollutants resulting from equipment and vehicle washing, concrete, paint and other washout water.

(6)The permittee shall minimize the discharge of any pollutants resulting from a spill or leak from, including but not limited to vehicles, mechanical equipment, and chemical or fuel storage.

(7)The permittee shall stabilize all construction entrances and exits **with course stone** to minimize off-site tracking of sediment from vehicles.

(8)The permittee shall minimize the generation of dust during construction.

(9)The permittee shall minimize the disturbance of steep slopes, unless infeasible.

(10)The permittee shall minimize the amount of soil exposure and compaction during construction activity.

~~13.12.5 Specific Requirements. Control of erosion and sediment through the entire duration of the land-disturbing activity is the responsibility of the applicant. The following measures shall be utilized where required to provide the necessary control.~~

~~(a) Runoff from off-site and flowing through the land in question may be diverted around the land-disturbing activity by means of swales, channels, ditches, culverts or storm sewers. The diversion may be a temporary installation, utilized only until the land-disturbing activity is complete, or it may be a permanent part of the proposed improvement on the land. Such diversion shall not be such that it causes drainage or erosion problems down stream and does not require impact to existing wetlands not covered by existing permits~~

(11b) Any detention basin proposed for the site should be utilized during construction as a sediment basin to trap as much soil as possible. Such basins shall be designed for this purpose, utilizing over excavation for temporary sediment storage, temporary perforated standpipes and or stone filters as required by proper engineering design.

(12e) Temporary sediment traps may be required in areas where runoff exits the site and is likely to carry sediment from eroded soils on the site. The temporary traps shall be sized proportionate with the expected flow rate from the site.

~~(d) Ingress and egress to the site shall be by way of coarse stone drive(s) of sufficient length to cause soil picked up by the tires of vehicles to be dropped before the vehicle enters the roadway. Drives shall be designed and situated so that they provide maximum protection against tracking of soil or mud onto the roadway. For single family and duplex home sites the stone drive should coincide with the final location of the drive to the residence.~~

~~(e) Drain inlets and entrances to culverts shall be protected with an installation of acceptable inlet protection.~~

~~(f) All disturbed ground left inactive for a period of thirteen (13) days shall be seeded, sodded or stabilized with mulch or equivalent.~~

(13g) Storage piles of soil left for longer than three (3) days shall be completely encircled with silt fence. If left inactive or unused for longer than thirteen twenty-one (1321) days the pile shall be seeded, sodded, or covered with a mulching fabric or tarpaulins.

(14) The permittee shall Temporarily Stabilize disturbed areas immediately whenever work toward project completion and Final Stabilization of any portion of the site has temporarily ceased on any portion of the site and will not resume for a period exceeding thirteen (13) calendar days.

(15) The permittee shall provide the necessary measures to ensure that drainage structures important to overall Storm Water Management and control are not adversely affected by clearing, grading, or any other land disturbing activities and shall permanently stabilize any right-of-ways disturbed by during construction.

(16) All onsite areas disturbed during construction shall be permanently stabilized prior to issuance of a Certificate of Occupancy from the local building authority.

Any offsite disturbances shall, with landowner permission, be permanently stabilized prior to issuance of Certificate of Occupancy.

(17) The permittee shall, with property owner permission, remove any offsite sediments from adjacent properties and stabilize any areas disturbed during the removal. If the removal involves streams or wetlands, proper Federal and State permission and/or permits shall be required prior to removal.

(18) Any permitted land disturbance site that has continued compliance issues and/or offsite impacts may be issued a Stop Work Order, ceasing all activity except BMP installation and maintenance. At that time the permittee may be required to submit an updated CBMP Plan prepared by a Qualified Credentialed Professional.

~~(h) Stone check dams shall be used in open drainage courses to slow velocities of the runoff.~~

~~(i) Based on individual site characteristics, silt fence shall be installed along the down-slope edges of all disturbed areas on the site. Silt fence shall be installed in such a manner to prevent sediment from leaving the site.~~

~~(j) *Prevention of wetland degradation.* Temporary sediment barriers shall be installed where needed on all exposed slopes which meet or exceed four horizontal to one vertical (4:1) and are within twenty-five (25) feet of wetlands, waters of the state, or any surface water feature not bounded entirely by the limits of the development site. These shall be placed and maintained such that drainage will not overflow or bypass the barrier and shall remain in place until the slope is leveled or permanently stabilized.~~

~~(k) *Dust control.* All development which will result in exposure of bare soil during dry periods shall follow short-term stabilization methods as follows:~~

- ~~1.) Maintain soils in a damp condition as determined by sight or touch.~~
- ~~2.) Establish a stabilized surface through watering or other approved methods.~~

~~(l) *Stabilization.* Within 10 days of ceasing activity, an operator shall implement at least one (1) of the following long-term stabilization techniques for any disturbed surface area where construction activities are not scheduled to occur for at least thirty (30) days:~~

- ~~1.) Revegetation that results in seventy-five percent (75%) ground coverage provided that an active watering system is in place at all times.~~
- ~~2.) Establish a stabilized surface through watering with physical access restriction surrounding the area or other approved methods.~~

~~13.12.6 *Maintenance of Erosion Control Measures.* All erosion control measures shall be maintained throughout the course of the construction or until the growth of vegetation has made them unnecessary. If silt fence is temporarily removed to allow access to a portion of the site it~~

shall be re-installed at the end of the work day. The applicant is responsible for the maintenance of all erosion control measures.

13.12.6 Maintenance of Construction Best Management Practices All construction best management plan practices shall be maintained throughout the course of the construction. For the purposes of this Ordinance, the following are the minimum requirements for the CBMPP Inspections:

(a) The permittee shall ensure proper implementation, daily observation, regular inspection, and continual maintenance of effective Best Management Practices to prevent offsite impacts and impacts to downstream water quality.

(b) In the event the Best Management Practices are found to be in need of maintenance or improvements, the permittee shall commence and implement all necessary maintenance and corrective measures to the Best Management Practices within forty-eight (48) hours of notice unless prevented by unsafe weather conditions.

13.12.7 Erosion Control Plan. An erosion control plan shall be submitted with each application as follows:

(a) Minor Projects—Single Family Homes and Accessory Structures (areas of disturbance less than 1 acre) The erosion control plan for single family home sites shall be made a part of the site plan provided with the application for a Site Plan Approval. It shall be prepared by an Alabama Licensed Professional Land Surveyor, Engineer, Architect, Landscape Architect, a Certified Professional in Erosion and Sediment Control, a QCI, a licensed home builder or a licensed general contractor. The site plan shall show, as a minimum, the direction of surface slopes, any watercourses on the lot, and the location of all erosion control installations proposed.

(b) Major Projects—All other Residential and Non-Residential Sites (areas of disturbance greater than or equal to 1 acre). The erosion control plan for multi-family and all non-residential sites shall conform to the following:

1.) The plan shall be prepared by an Alabama Licensed Professional Land Surveyor, Engineer, Architect, Landscape Architect or QCP.

2.) The plan shall be drawn to a scale adequate to clearly show the site and the required information. In no case shall the plan be drawn to a scale less than 1"=100'.

3.) The plan may incorporate one or more sheets as necessary to clearly convey the intent of the plan. The plan may also incorporate text to explain any specifics of the plan cover the specifications for the materials required or convey the development phasing.

4.) As a minimum the plan shall show all existing and proposed:

A. Site boundaries, lots, etc.

B. All watercourses (with sizes), ponds, lakes, wetlands.

C. Apparent floodplains, floodway fringes, and floodways.

~~D. Soil types and their erodibility. The information provided in the Soil Survey of Baldwin County, Alabama as published by the U.S. Dept. of Agriculture, Natural Resources Conservation Service, is appropriate.~~

~~E. Vegetative cover such as crops, grass, weeds, and/or trees. The use of exotic or invasive species as proposed vegetative cover is discouraged.~~

~~F. Utilities, structures, road pavements and other improvements.~~

~~G. Existing contours at an interval not greater than 2 feet. An adequate number of spot elevations may be provided in lieu of the contours.~~

~~H. Locations and dimensions (where applicable) of all proposed erosion control measures.~~

13.12.8 *Permits*

~~(a) *General.* A land disturbance permit shall be obtained for all minor and major projects. The permit shall be on a form provided by the Baldwin County Planning and Zoning Department. For small scale projects a Site Plan Approval shall be used in lieu of a land disturbance permit.~~

~~(b) *Permit Conditions.* All permits shall require the applicant to:~~

~~1.) Notify the Planning and Zoning Department at least 24 hours before beginning any major project land disturbing activity.~~

~~2.) Notify the Planning and Zoning Department of any modifications of the erosion control plan within 7 days of change.~~

~~3.) Install and maintain all erosion control measures as identified in the erosion control plan.~~

~~4.) Maintain all road drainage systems, storm water drainage systems and other facilities as identified in the erosion control plan.~~

~~5.) Remove sediment resulting from land disturbing activities from adjacent surfaces and/or drainage courses in accordance with all State and Federal regulations.~~

~~6.) Allow the Planning and Zoning Department to enter the site to verify compliance with the erosion control plan.~~

~~7.) Submit a revised plan for approval if the nature of the project changes from that proposed under the permit.~~

~~8.) Submit copies of all necessary state and federal permits~~

~~(d) *Permit Fees.* All fees for a Land Disturbance Permit shall be paid prior to permit issuance.~~

~~(e) *Length of Permit Validity.* In the event that the land disturbing activities are not started within 6 months and/or the work is not completed within three (3)~~

~~years from the date of the permit said permit shall become invalid and a new permit shall be obtained.~~

13.12.97 Enforcement

(a) *Stop Work Notice.* The Planning & Zoning Department may issue a stop work notice in accordance with the zoning ordinance for any work not conforming to the requirements of this ordinance. The stop work notice may be lifted only after the work has been made to conform to this ordinance. If, after the stop work order has been issued for a period of not less than ten (10) calendar days and the work is not in compliance with this ordinance the Department may serve notice of zoning violation.

(b) *Fines for Violation.* In addition to any and all other remedies set forth in this ordinance for a violation thereof, the Planning Director or his/her designee may, for any violation of this ordinance, levy a fine against the violator(s) of up to \$150.00 for each occurrence, each day being a separate occurrence. The Department shall notify the violator(s) of such fine, in writing.

(c) Fines for Working Without a Permit. The fine for working without a permit, when related to work for which a permit is attainable under this ordinance, will be double the normal fee that would have otherwise been required to obtain the permit for the land disturbance work.

13.12.840 *Exemptions.* This ordinance shall apply to any land-disturbing activity undertaken by any person on any land except for the following activities. These activities may be subject to regulation by State and Federal agencies.

~~(a) Any emergency activity that is immediately necessary for the protection of life, property or natural resources. However, after the emergency has been abated, the applicant shall apply for a Land Disturbance if required by the thresholds in Section 13.12.2(a).—The construction of single family residences when such construction is located on lots exceeding three (3) acres and construction activity disturbs less than one (1) acre and is not a part of a larger common plan of development or sale.~~

~~(b) Surface mining or land fill operations permitted by ADEM-~~

~~(c) Such minor land-disturbing activities as home gardens and individual home landscaping, repairs, maintenance work, and other related activities which result in minor soil erosion.~~

(d) Agricultural activities as defined herein.

(e) Any project carried out under the technical supervision of the Natural Resources Conservation Service of the United States Department of Agriculture, the State of Alabama, the Mobile Bay National Estuary Program, or Baldwin County Commission.

BALDWIN COUNTY

ZONING ORDINANCE

As amended: May 17, 2022
(with additional formatting edits)



BALDWIN COUNTY, ALABAMA

Planning and Zoning Department

Robertsdale Office:
22251 Palmer Street
Robertsdale, AL 36567

<https://baldwincountyal.gov/departments/planning-zoning>
planning@baldwincountyal.gov
251-580-1655

Foley Office:
201 East Section Ave
Foley, AL 36535

10.4 Wetland Overlay District Updates

- (a) Restrict or prohibit uses which are dangerous to health, safety and property due to water or erosion hazards, or which result in damaging increases in erosion or in flood heights or velocities.
- (b) Require that uses vulnerable to floods, including facilities which serve such uses, be protected against flood damage at the time of initial construction.
- (c) Control the alteration of natural floodplains, stream channels, and natural protective barriers which are involved in the accommodation of flood waters.
- (d) Control filling, grading, dredging and other development which may increase erosion or flood damage.
- (e) Prevent or regulate the construction of flood barriers which will unnaturally divert flood waters or which may increase flood hazards to other lands.

As an overlay district, the flood hazard district does not replace the requirements of the underlying zoning ~~district, but~~ district but provides additional development requirements and standards which must be met by any development on the property.

10.2.2 *Area of application.* The flood hazard overlay district applies to lands under the planning and zoning jurisdiction of Baldwin County which are subject to either tidal or fluvial flooding as determined by the Federal Emergency Management Agency (FEMA) and delineated on the Flood Insurance Rate Map(s) (FIRM) of Unincorporated Baldwin County.

10.2.3 *Requirements.* Areas which lie in flood hazard districts as determined by FEMA and delineated on the FIRM are subject to the requirements of the *Baldwin County Flood Damage Prevention Ordinance* adopted February 17, 1987 (as amended).

Section 10.3 Historic Resource Overlay District

10.3.1 *Purpose.* The purpose of the historic resource overlay district is to ensure enforcement of the rules and ordinances adopted pursuant to Act No. 80-497 as amended by Act No. 89-960 of the Legislature of Alabama which authorizes Baldwin County to protect the historical architectural character of the County.

As an overlay district, the historic resource district does not replace the requirements of the underlying zoning ~~district, but~~ district but provides additional development requirements and standards which must be met by any development on the property.

10.3.2 *Area of application.* The historic resource overlay district applies to lands under the planning and zoning jurisdiction of Baldwin County which are designated as historic districts or preservation districts by the County Commission under the authority of Act No.

80-497 as amended by Act No 89-960. Historic districts or preservation districts designated by the County Commission are:

- (a) Magnolia Springs Preservation District
- (b) Montrose Preservation District
- (c) Battle's Wharf / Point Clear Preservation District
- (d) Malbis Preservation District

10.3.3 *Requirements.* Areas which lie in historic districts or preservation districts as designated by the County Commission are subject to the requirements of the Architectural & Preservation District Review Board of Baldwin County and any and all rules and ordinances adopted pursuant to Act No. 80-497 as amended by Act No. 89-960 of the Legislature of Alabama (refer to *Standards for Architectural Review and Development in Baldwin County Historic Districts*).

Section 10.4 Wetland and Stream Protection Overlay District

10.4.1 *Purpose.* The wetlands and streams within Baldwin County, Alabama are indispensable and fragile natural resources with significant development constraints due to flooding, erosion and soils limitations. In their natural state, wetlands and streams serve man and nature. They provide habitat areas for fish, wildlife and vegetation; water quality maintenance and pollution control; flood control; erosion control; natural resource education; scientific study; and open space and recreational opportunities. In addition, wise use of forested wetlands and streams is essential to the economic well-being of Baldwin County. A considerable number of these important natural resources have been lost or impaired by draining, dredging, filling, excavating, building, pollution and other acts. Piecemeal or cumulative losses will, over time, destroy additional wetlands. Damaging or destroying wetlands and streams threatens public safety and the general welfare. It is therefore necessary for Baldwin County to ensure maximum protection for wetlands by discouraging development activities that may adversely affect wetlands. Except as exempted herein, jurisdictional wetlands shall not be filled to create buildable uplands.

The purpose of the wetland and stream protection overlay district is to promote wetland and stream protection, while taking into account varying ecological, economic development, recreational and aesthetic values and to protect wetlands from alterations that will significantly affect or reduce their primary functions for water quality, floodplain and erosion control, groundwater recharge and wildlife habitat.

10.4.2 *Area of application.* The wetland and stream protection overlay district applies to wetlands and streams under the planning and zoning jurisdiction of Baldwin County. The Generalized Wetland Map adopted as part of these zoning ordinances shows the general location of wetlands and should be consulted by persons contemplating activities in or near wetlands and streams. The Generalized Wetland Map, together with all explanatory

matter thereon and attached thereto, is hereby adopted by reference and declared to be a part of these zoning ordinances. The Generalized Wetland Map shall be kept on file in the offices of the Planning & Zoning Department.

10.4.3 *Wetland and stream protection district boundaries.* The Generalized Wetland Map is a general reference document and wetland boundaries indicated on the map are approximations. The Generalized Wetland Map is to alert developers/landowners if they are within proximity to a wetland, which means that there is a high likelihood of the presence of a jurisdictional wetland and/or stream and athe potential need for the developer/landowner to seek U.S. Army Corps of Engineers guidance as to whether a Section 404 permit will be required prior to any activity. -The Generalized Wetland Map does not represent the boundaries of jurisdictional wetlands and streams within the jurisdiction of Baldwin County and cannot serve as a substitute for a wetland and/or stream delineation performed by a Professional Wetland Delineator or a jurisdictional wetland determination of wetland and stream boundaries by the U.S. Army Corps of Engineers, as required by Section 404 of the Clean Water Act, as amended. Any local government action under this section does not relieve the landowner from federal or state permitting requirements.

10.4.4 *Permit requirements.* ~~A U.S. Army Corps of Engineers wetlands jurisdictional determination if the proposed planned development contains wetlands or if the Zoning Administrator or his/her designee determines potential wetlands from the Generalized Wetland map as defined herein, or through a site visit by County Staff. The non-disturbed setback for development from a jurisdictional wetland and/or stream must be a minimum of 30 feet unless exempted by Section 10.4.6 below. The stream setback shall be from the top of bank on both sides of the waterway. When a stream is located within a gully, the top of baenk shall be the top of the bank of the gully.~~

If the area proposed for development is located within fifty (50) feet of the wetland and stream protection district boundary (whether on the property or an adjacent property), as determined from the Generalized Wetland Map, the following shall apply:

1. For minor projects, a wetland and/or stream assessment performed by a Professional Wetland Delineator shall be required prior to the issuance of a Site Plan Approval, unless, based on clear evidence obtained from a desktop review, Planning & Zoning staff document the absence of wetlands (i.e. properly graded lots in an approved subdivision). If the wetland assessment identifies jurisdictional wetlands and/or jurisdictional streams, the jurisdictional wetlands and/or streams shall be shown on the site plan with the required thirty (30) foot non-disturbed wetland or stream setback. After review of the wetland and/or stream assessment, the Zoning Administrator or his/her designee may determine that a wetland delineation and/or an U.S. Army Corps of Engineers Jurisdictional Determination (JD) is required. In such case, Site Plan Approval

will be subject to the submittal approval of the Jurisdictional Determination from the U.S. Army Corps of Engineers.

2. For major projects, if the area proposed for development is located in or within the wetland protection district boundary, as determined from the Generalized Wetland Map, a U.S. Army Corps of Engineers jurisdictional wetland and/or stream delineation determination performed by a Professional Wetland Delineator shall be required prior to the issuance of a Site Plan Approval. If the Corps wetland and/or stream delineation determines that jurisdictional wetlands and/or streams are present on the proposed development site, the jurisdictional wetlands and/or stream shall be shown on the site plan with the required thirty (30) foot non-disturbed wetland or stream setback. After review of the wetland and stream delineation, the Zoning Administrator or his/her designee may determine that a U.S. Army Corps of Engineers Jurisdictional Determination (JD) is required. In such case, Site Plan Approval will be subject to approval of the Jurisdictional Determination from the U.S. Army Corps of Engineers.
3. When the area of proposed development is within fifty (50) feet of the wetland and stream protection district boundary, but on the potential wetlands are located on a different, adjacent property, the applicant shall either:
 - a. Include the wetlands on the neighboring property in its required delineation, or
 - b. If access to the neighboring property cannot be obtained, perform the required delineation only on the applicant's property and assume the wetlands on the adjacent property are present up to the adjoining property line for the purposes of determining the applicable setback.

When a jurisdictional determination is deemed necessary due to a disagreement about the existence of wetlands, the Planning Director may, in lieu of a jurisdictional determination, accept a second wetland and/or stream delineation prepared by a professional wetland delineator who is not affiliated with the specialist responsible for the original delineation. The Planning Director may still require a Jurisdictional Determination should the two submitted delineations disagree.

If jurisdictional wetlands and/or streams will be filled or altered, then the applicant shall submit a U.S. Corps of Engineers 404 Wetland Permit and, unless exempted under Section 10.4.7, a Baldwin County wetland and/or stream setback variance approval by the Board of Adjustment prior to Site Plan approval.

~~and that a Section 404 Permit or Letter of Permission is required, a Site Plan Approval will be issued only following issuance of the Section 404 Permit or Letter of Permission.~~

10.4.5 Existing Stormwater Management Areas. Where development is proposed that will result in the filling of an existing stormwater management area (which may include

non-jurisdictional wetlands, hydric soil areas, existing water features, ditches, etc.) that contributes to the stormwater management of the site, the existing stormwater management area shall not be filled unless comparable and equivalent stormwater management is provided as part of the development and certified by an Alabama Licensed Professional Engineer. Existing stormwater management areas which are not proposed to be replaced with comparable and equivalent stormwater management shall be protected with a 5-foot natural buffer.

10.4.6 Subdivisions in the Wetland Protection Overlay District. Any application for subdivision approval on property which contains wetlands or if the Zoning Administrator or his/her designee determines potential wetlands from the Generalized Wetland map defined herein ~~through a site visit by County Staff, will have to shall~~ obtain a wetland delineation performed by a Professional Wetland Delineator. If the wetland delineation identifies jurisdictional wetlands and/or streams on the proposed development site, the jurisdictional wetlands and/or streams shall be shown on the site plan with the required thirty (30) foot non-disturbed wetland and/or stream setback. The stream setback shall be from the top of bank on both sides of the waterway. When a stream is located within a gully, the top of bank shall be the top of the bank of the gully. After review of the wetland and/or stream delineation, the Zoning Administrator or his/her designee may determine that a U.S. Army Corps of Engineers Jurisdictional Determination (JD) is required. If the Corps determines that wetlands are present and that a Section 404 Permit or Letter of Permission is required, development may not proceed until the Section 404 Permit or Letter of Permission is issued.

~~10.4.5 Subdivisions in the Wetland Protection Overlay District.~~ Where a parcel of land proposed to be subdivided contains an area of jurisdictional wetlands and/or streams delineated as jurisdictional by the Army Corps of Engineers, said wetlands and/or stream shall be subject to Section 404(b)(1) guidelines concerning fill material disposal into wetlands. Lots may be platted only where sufficient upland areas exist to provide a building site for the principal structure and necessary ancillary facilities. Fill may be used where necessary to provide access to lots where approval for such fill has been received from the Army Corps of Engineers and other appropriate governmental agencies. Development may not proceed until the Section 404 Permit or Letter of Permission is issued.

Wetlands and/or streams delineated as jurisdictional ~~by the Army Corps of Engineers~~ and not permitted for fill for access shall be set aside as common area or shall be contained within an easement dedicated to protect the wetland and/or streams. Said common area or maintenance easement shall include at a extend a minimum of a 30-foot non-disturbed wetland setback beyond the limits of the wetland. Maintenance responsibility shall be vested in the trustees of the subdivision, by virtue of the trust indenture.

10.4.7 Exemptions.

a) Lots of record that acquire all federal and state permits and that meet one or more of the following conditions shall be exempt from the prohibition of filling wetlands to create a buildable area and the corresponding setback requirements and a Variance from the Baldwin County Board of Adjustments shall not be required:

- i. Up to 1/10th of an acre on lots that are 100% wetland;
- ii. The minimum fill required for access (including an internal road) to a lot when no other access to a public road or easement is available;
or
- iii. Fill necessary to create a maximum of 1/10-of-an-acre of buildable uplands on residential lots where insufficient uplands are available, it is demonstrated that the only way to build on the lot is to impact the wetlands and/or setback. If uplands already exist on the lot, those existing uplands shall be applied toward the 1/10th acre maximum.

The requirements in Section 10.4 for the performance of a wetland assessment, delineation, and/or jurisdictional determination are not exempted.

b) Pile supported marine accessory structures installed for recreational use with minimal land disturbance shall be exempt from the wetland and/or stream setback requirements (so long as no wetland fill occurs beyond the individual pile supports) and assessment, delineation, and/or jurisdictional determination requirements of this Ordinance, so long as no pollutants (including sediments) are released into surrounding wetlands or streams. The Applicant may still be required to obtain a land disturbance permit and/or site plan approval under Article 13.12 and shall obtain all necessary state and federal permits.

c) Bulkheads, retaining walls, and similar structures with minimal land disturbance shall be exempt from the wetland and/or stream setback requirements of this Ordinance only, so long as no pollutants (including sediments) are released into surrounding wetlands or streams. The Applicant may still be required to obtain a land disturbance permit under Article 13.12 and shall obtain all necessary state and federal permits. The requirements in Section 10.4 for the performance of a wetland assessment, delineation, and/or jurisdictional determination are not exempted.

d) Recreational trails shall be exempt from the wetland and/or stream setback requirements of this Ordinance only, so long as no pollutants (including sediments) are released into surrounding wetlands or streams. The Applicant may still be required to obtain a land disturbance permit under Article 13.12 and shall obtain all necessary state and federal permits. The requirements in Section 10.4 for the performance of a wetland assessment, delineation, and/or jurisdictional determination are not exempted.

e) Agricultural operations shall be exempt from this Section so long as all required state and federal permits have been obtained.

10.4.8 Wetland Density. The provisions of 12,11.24 are cross-referenced herein.

Section 10.5 Gulf Beach Overlay District

10.5.1 *Purpose.* The Gulf Beach Overlay District is implemented to protect the natural environment, to encourage open space development design and to protect the public health, safety and welfare of the public. This overlay district shall only apply in Planning District 25 in the area herein defined in *Section 10.5.2*.

10.5.2 *Established boundaries.* The Gulf Beach Overlay District boundaries shall be as depicted on the Planning District 25 Official Zoning Map. Changes to said boundary shall constitute a zoning map amendment.

10.5.3 *Applicability.* The Gulf Beach Overlay District relaxation of maximum building heights shall be applicable only to Planned Residential Developments (PRD) lawfully approved before May 4, 2004.

10.5.4 *Development standards.*

(a) *Building height.* Building heights may lawfully exceed the maximum building height contained in applicable sections of the Zoning Ordinances.

(b) *PRD site plan minor changes.* Minor changes defined in *Section 9.9.1* may be made to an approved PRD site plan.

(c) *PRD site plan substantial changes.* Substantial changes defined in *Section 9.9.1* which requires PRD amendment or modification shall be subject to applicable maximum height ordinances of 8 habitable stories in Planning District 25.

(d) *PRD site plan approval period.* Site plan approval periods and extensions given in *Section 9.10: Approvals*, shall be in full force and effect in the overlay district. Expiration of a PRD site plan shall require subsequent site plans to be in full compliance with all applicable ordinances.

(e) *Compliance with ordinances.* The overlay district shall only relax the maximum building heights of 8 habitable stories in the area defined in *Section 10.5.2*. This

section shall in no way remove, modify or supersede other applicable County ordinances which may apply.

**13.12 Construction Best
Management Practices
Updates**

Section 13.11 Stormwater Management

A stormwater management plan is required for all major projects. Such plan shall be prepared by a licensed engineer and shall be submitted in conjunction with an application for a site plan approval **certificate application** as herein provided. No development may proceed until a site plan approval application has been approved. All stormwater management plans shall comply with Section 5.11 and Section 5.12 of the Subdivision Regulations to the extent applicable. The Zoning Administrator shall, in consultation with the Building Official and County Engineer or his/her designee, determine that reasonable provisions for properly handling surface drainage have been made in the applicant's design. Reference Section 15.3.5 for stormwater management requirement for off-street parking.

In an effort to protect water quality and natural resources, the use of Low Impact Development practices is encouraged. Reference the **State of Alabama** Low Impact Development Handbook for additional information.

Section 13.12 Erosion Control Section 13.12 Construction Best Management Practices

13.12.1 *Purpose and Intent.* It is the purpose of this ordinance to further the maintenance of safe and healthful conditions, prevent and control water pollution, prevent and control soil erosion, protect spawning grounds, protect fish and aquatic life, control building sites, control placement of structures and land uses, preserve ground cover and scenic beauty, and promote sound economic growth. This will be done by minimizing the amount of sediment and other pollutants carried by runoff or discharged from land disturbing construction activity.

~~13.12.2 *Definitions.* Words and phrases used in this article shall have the meanings as set forth in this section. Words and phrases not defined in this section but defined elsewhere in the zoning ordinances shall be given the meanings as set forth in such ordinances. All other words and phrases shall be given their common, ordinary meaning unless the context clearly requires otherwise.~~

~~*Agricultural activity.* Planting, growing, cultivating and harvesting crops for human or livestock consumption and pasturing or outside yarding of livestock, including sod farms and silviculture. This includes waterways, drainage ditches, diversions, terraces, excavating, filling, and similar practices on farm fields.~~

~~*Best management practice (BMP).* Structural or non-structural measures, practices, techniques or devices employed to avoid or minimize soil, sediment, or pollutants carried in runoff to waters of the state.~~

~~*Construction site.* An area upon which one or more land disturbing construction activities occur, including areas that are part of a larger common plan of development or sale where multiple separate and distinct land disturbing construction activities may be taking place at different times on different schedules but under one plan.~~

~~*Erosion.* The process by which the land's surface is worn away by the action of wind, water, ice or gravity.~~

~~Erosion and sediment control plan.~~ A plan developed to address pollution caused by soil erosion and sedimentation during land disturbing construction activity.

~~Qualified Credentialed Inspector (QCI).~~ An operator, operator-employee, or operator designated qualified person who has successfully completed initial training and annual refresher Qualified Credentialed Inspection Program (QCIP) training, and holds a valid certification from a Department approved cooperating training entity.

~~Qualified Credentialed Professional (QCP).~~ A staff member of the Alabama Department of Environmental Management (ADEM) designated by the Director of ADEM, a licensed Professional Engineer, an Alabama Natural Resources Conservation Service professional designated by the State Conservationist, a Certified Professional In Erosion And Sediment Control, or other registered professionals (geologists, soil scientists, land surveyors, landscape architects).

~~Sediment.~~ Settleable solid material that is transported by runoff, suspended within runoff or deposited by runoff away from its original location.

~~Site.~~ The entire area included in the legal description of the land on which the land disturbing construction activity is proposed in the permit application.

~~Water(s).~~ Includes, but is not limited to, water on or beneath the surface of the ground, including natural or artificial watercourses, streams, rivers, lakes, ponds, or diffused surface water and water percolating, standing, or flowing beneath the surface of the ground.

~~Watercourse.~~ A natural or artificial channel through which water flows.

13.12.2 Permit Requirements

(a) A permit for land disturbance shall be required for:

1. Any land disturbance of greater than 500 square feet of land area on a single site; or
2. Any land disturbance greater than twenty-five (25) square feet within the 30-foot wetland or stream setback provided in Section 10.4.4, or any land disturbance in a wetland or stream setback that results in pollution impacts to the adjacent wetland or waterway; or
- 4.3. Any land disturbance, no matter the area, within a Jurisdictional Wetland.

No person, firm, business, or corporation shall engage in any land disturbing activity prior to obtaining a land disturbance permit from the Baldwin County Planning & Zoning Department. A Site Plan Approval, when required, may be used in lieu of a land disturbance permit and shall comply with the requirements set forth in this section.

(b) All applications for land disturbance permits shall be accompanied by a Construction Best Management Practices Plan (CBMPP) as follows:

1. Minor Projects—a simplified CBMPP, unless the site is required to have ADEM NPDES General Permit. A simplified CBMPP explains the steps you will take (such as silt fence, trash containment, hay bales, gravel construction access, etc) to minimize the amount of pollution and soil erosion that could leave the site and impact surrounding areas. The simplified plan can consist of a hand-drawn sketch labeling erosion control measures, trash collection locations, construction access drives, etc.

2. Major Projects—a CBMPP prepared by a QCP or Civil Engineer.

(c) Length of Permit Validity. In the event that the land disturbing activities are not started within six (6) months and /or the **land disturbance** work is not completed within **two (2) years** from the date of the permit issuance, said permit shall become invalid and a new permit shall be obtained.

13.12.3 *General Design Principles.* The following principles apply to all land disturbing activities within the jurisdiction of the Baldwin County Planning and Zoning authority and should be considered when preparing construction plans and/or submissions required under this ordinance:

(a) To minimize the potential for soil erosion, development should fit the topography and soils of the site. Areas with extreme slopes where cuts and fill would be required should be avoided.

(b) Natural vegetation should be maintained and protected wherever and whenever possible. Areas immediately adjacent to watercourses, wetlands and lakes should be left undisturbed wherever possible.

(c) All construction activities on a site should be conducted in a logical sequence so that the smallest practical area of land will be exposed for the shortest practical period of time during development.

(d) Sediment basins, silt traps and filters should be installed prior to the beginning of construction to remove as much sediment as possible from runoff leaving the site or entering watercourses, wetlands, lakes or reservoirs.

(e) The selection of soil erosion and sedimentation control measures should be based on the size of the project, the frequency of climatic events likely to accelerate erosion, the season during which the project is being constructed, and the potential for damage should erosion and sedimentation occur.

(f) In the design of erosion and sedimentation control measures the requirements for proper maintenance will be considered.

(g) Provision should be made to accommodate the increased runoff caused by altered surface and soil conditions both during and after development. Drainage

ways should be designed so that their final gradients and resultant velocities will not cause erosion.

(h) Provision should be made for the proper transport of soil from the site without tracking or spilling soil along the transport route.

(i) Provisions should be made for the proper onsite containment of all construction materials, washout water, and solid waste.

(ij) Permanent vegetation and erosion control structures should be installed and temporary structures removed prior to the issuance of final occupancy permits.

(jk) Any land disturbance activity which takes place in a right-of-way will require approval from the governing agency and written evidence of approval shall be submitted with the application.

13.12.4 *Design Criteria, Standards and Specifications.* All erosion and sediment control measures, including, but not limited to those required to comply with this ordinance, shall meet the design criteria, standards and specifications given in the most current version of the Alabama Handbook for Erosion Control, Sediment Control and Storm Water Management on Construction Sites and Urban Areas.

13.12.5 Construction Best Management Practices Plan (CBMPP) Minimum Requirements for Major Projects. Control of all construction best management practices through the entire duration of the construction and land disturbing activity is the responsibility of the applicant.

(a) As a minimum the plan shall show all existing and proposed:

1. Site boundaries, lots, etc.

2. All watercourses (with sizes), ponds, lakes, wetlands.

3e. Apparent floodplains, floodway fringes, and floodways.

4d. Soil types and their erodibility. The information provided in the Soil Survey of Baldwin County, Alabama as published by the U.S. Dept. of Agriculture, Natural Resources Conservation Service, is appropriate.

5e. Vegetative cover such as crops, grass, weeds, and/or trees. The use of exotic or invasive species as proposed vegetative cover is discouraged.

6f. Utilities, structures, road pavements and other improvements.

7g. Existing contours at an interval not greater than 2 feet. An adequate number of spot elevations may be provided in lieu of the contours.

8h. Locations and dimensions (where applicable) of all proposed erosion control and other best management practices.

(b) The following measures shall be utilized, where required, to provide adequate construction best management practices.

(1) Land disturbance that results in a total land disturbance of one acre or greater and sites less than one (1) acre but are part of a Common Plan of Development or Sale shall have permit coverage under the ADEM NPDES Construction General Permit prior to the issuance of the Land Disturbance Permit and/or Land Use Permit. At a minimum, the site's CBMPP shall meet all conditions and qualifications of the General Permit and BMP design should be based on the guidance in the Alabama Handbook.

(2) Best Management Practices (BMPs) shall be required for all land disturbing activities. It shall be the sole responsibility of the contractor/or permittee to promptly implement effective BMPs in accordance with the permittee's land disturbance permit and submitted Construction Best Management Practices Plan prior to commencing the Land Disturbing Activity. The permittee shall be solely responsible for ensuring that all BMPs are implemented and maintained for the entire duration of the Land Disturbing Activity. The permittee shall also be solely responsible for ensuring that the BMPs are shown and detailed in the plan in accordance with established industry standards, good engineering practices, and all standards as set out in the Alabama Handbook.

(3) Erosion and sediment control practices shall minimize offsite impacts.

(4)The permittee shall ensure proper onsite containment and disposal of all construction materials, supplies, trash, debris, fertilizers, pesticides, herbicides, detergents, sanitary waste and any other solid waste.

(5)The permittee shall ensure proper onsite containment and disposal of any pollutants resulting from equipment and vehicle washing, concrete, paint and other washout water.

(6)The permittee shall minimize the discharge of any pollutants resulting from a spill or leak from, including but not limited to vehicles, mechanical equipment, and chemical or fuel storage.

(7)The permittee shall stabilize all construction entrances and exits with course stone to minimize off-site tracking of sediment from vehicles.

(8)The permittee shall minimize the generation of dust during construction.

(9)The permittee shall minimize the disturbance of steep slopes, unless infeasible.

(10)The permittee shall minimize the amount of soil exposure and compaction during construction activity.

~~13.12.5 Specific Requirements. Control of erosion and sediment through the entire duration of the land disturbing activity is the responsibility of the applicant. The following measures shall be utilized where required to provide the necessary control.~~

~~(a) Runoff from off-site and flowing through the land in question may be diverted around the land disturbing activity by means of swales, channels, ditches, culverts or storm sewers. The diversion may be a temporary installation, utilized only until the land disturbing activity is complete, or it may be a permanent part of the proposed improvement on the land. Such diversion shall not be such that it causes drainage or erosion problems down stream and does not require impact to existing wetlands not covered by existing permits~~

(11b) Any detention basin proposed for the site should be utilized during construction as a sediment basin to trap as much soil as possible. Such basins shall be designed for this purpose, utilizing over excavation for temporary sediment storage, temporary perforated standpipes and or stone filters as required by proper engineering design.

(12e) Temporary sediment traps may be required in areas where runoff exits the site and is likely to carry sediment from eroded soils on the site. The temporary traps shall be sized proportionate with the expected flow rate from the site.

~~(d) Ingress and egress to the site shall be by way of coarse stone drive(s) of sufficient length to cause soil picked up by the tires of vehicles to be dropped before the vehicle enters the roadway. Drives shall be designed and situated so that they provide maximum protection against tracking of soil or mud onto the roadway. For single family and duplex home sites the stone drive should coincide with the final location of the drive to the residence.~~

~~(e) Drain inlets and entrances to culverts shall be protected with an installation of acceptable inlet protection.~~

~~(f) All disturbed ground left inactive for a period of thirteen (13) days shall be seeded, sodded or stabilized with mulch or equivalent.~~

(13g) Storage piles of soil left for longer than three (3) days shall be completely encircled with silt fence. If left inactive or unused for longer than thirteen (13) days the pile shall be seeded, sodded, or covered with a mulching fabric or tarpaulins.

(14) The permittee shall Temporarily Stabilize disturbed areas immediately whenever work toward project completion and Final Stabilization of any portion of the site has temporarily ceased on any portion of the site and will not resume for a period exceeding thirteen (13) calendar days.

(15) The permittee shall provide the necessary measures to ensure that drainage structures important to overall Storm Water Management and control are not adversely affected by clearing, grading, or any other land disturbing activities and shall permanently stabilize any right-of-ways disturbed by during construction.

(16) All onsite areas disturbed during construction shall be permanently stabilized prior to issuance of a Certificate of Occupancy from the local building authority.

Any offsite disturbances shall, with landowner permission, be permanently stabilized prior to issuance of Certificate of Occupancy.

(17) The permittee shall, with property owner permission, remove any offsite sediments from adjacent properties and stabilize any areas disturbed during the removal. If the removal involves streams or wetlands, proper Federal and State permission and/or permits shall be required prior to removal.

(18) Any permitted land disturbance site that has continued compliance issues and/or offsite impacts may be issued a Stop Work Order, ceasing all activity except BMP installation and maintenance. At that time the permittee may be required to submit an updated CBMP Plan prepared by a Qualified Credentialed Professional.

~~(h) Stone check dams shall be used in open drainage courses to slow velocities of the runoff.~~

~~(i) Based on individual site characteristics, silt fence shall be installed along the down-slope edges of all disturbed areas on the site. Silt fence shall be installed in such a manner to prevent sediment from leaving the site.~~

~~(j) *Prevention of wetland degradation.* Temporary sediment barriers shall be installed where needed on all exposed slopes which meet or exceed four horizontal to one vertical (4:1) and are within twenty-five (25) feet of wetlands, waters of the state, or any surface water feature not bounded entirely by the limits of the development site. These shall be placed and maintained such that drainage will not overflow or bypass the barrier and shall remain in place until the slope is leveled or permanently stabilized.~~

~~(k) *Dust control.* All development which will result in exposure of bare soil during dry periods shall follow short-term stabilization methods as follows:~~

- ~~1.) Maintain soils in a damp condition as determined by sight or touch.~~
- ~~2.) Establish a stabilized surface through watering or other approved methods.~~

~~(l) *Stabilization.* Within 10 days of ceasing activity, an operator shall implement at least one (1) of the following long-term stabilization techniques for any disturbed surface area where construction activities are not scheduled to occur for at least thirty (30) days:~~

- ~~1.) Revegetation that results in seventy-five percent (75%) ground coverage provided that an active watering system is in place at all times.~~
- ~~2.) Establish a stabilized surface through watering with physical access restriction surrounding the area or other approved methods.~~

~~13.12.6 *Maintenance of Erosion Control Measures.* All erosion control measures shall be maintained throughout the course of the construction or until the growth of vegetation has made them unnecessary. If silt fence is temporarily removed to allow access to a portion of the site it~~

shall be re-installed at the end of the work day. The applicant is responsible for the maintenance of all erosion control measures.

13.12.6 Maintenance of Construction Best Management Practices All construction best management plan practices shall be maintained throughout the course of the construction. For the purposes of this Ordinance, the following are the minimum requirements for the CBMPP Inspections:

(a) The permittee shall ensure proper implementation, daily observation, regular inspection, and continual maintenance of effective Best Management Practices to prevent offsite impacts and impacts to downstream water quality.

(b) In the event the Best Management Practices are found to be in need of maintenance or improvements, the permittee shall commence and implement all necessary maintenance and corrective measures to the Best Management Practices within forty-eight (48) hours of notice unless prevented by unsafe weather conditions.

13.12.7 Erosion Control Plan. An erosion control plan shall be submitted with each application as follows:

(a) Minor Projects – Single Family Homes and Accessory Structures (areas of disturbance less than 1 acre) The erosion control plan for single family home sites shall be made a part of the site plan provided with the application for a Site Plan Approval. It shall be prepared by an Alabama Licensed Professional Land Surveyor, Engineer, Architect, Landscape Architect, a Certified Professional in Erosion and Sediment Control, a QCI, a licensed home builder or a licensed general contractor. The site plan shall show, as a minimum, the direction of surface slopes, any watercourses on the lot, and the location of all erosion control installations proposed.

(b) Major Projects – All other Residential and Non-Residential Sites (areas of disturbance greater than or equal to 1 acre). The erosion control plan for multi-family and all non-residential sites shall conform to the following:

- 1.) The plan shall be prepared by an Alabama Licensed Professional Land Surveyor, Engineer, Architect, Landscape Architect or QCP.
- 2.) The plan shall be drawn to a scale adequate to clearly show the site and the required information. In no case shall the plan be drawn to a scale less than 1"=100'.
- 3.) The plan may incorporate one or more sheets as necessary to clearly convey the intent of the plan. The plan may also incorporate text to explain any specifics of the plan cover the specifications for the materials required or convey the development phasing.
- 4.) As a minimum the plan shall show all existing and proposed:
 - A. Site boundaries, lots, etc.
 - B. All watercourses (with sizes), ponds, lakes, wetlands.
 - C. Apparent floodplains, floodway fringes, and floodways.

~~D. Soil types and their erodibility. The information provided in the Soil Survey of Baldwin County, Alabama as published by the U.S. Dept. of Agriculture, Natural Resources Conservation Service, is appropriate.~~

~~E. Vegetative cover such as crops, grass, weeds, and/or trees. The use of exotic or invasive species as proposed vegetative cover is discouraged.~~

~~F. Utilities, structures, road pavements and other improvements.~~

~~G. Existing contours at an interval not greater than 2 feet. An adequate number of spot elevations may be provided in lieu of the contours.~~

~~H. Locations and dimensions (where applicable) of all proposed erosion control measures.~~

~~13.12.8 Permits~~

~~(a) General. A land disturbance permit shall be obtained for all minor and major projects. The permit shall be on a form provided by the Baldwin County Planning and Zoning Department. For small scale projects a Site Plan Approval shall be used in lieu of a land disturbance permit.~~

~~(b) Permit Conditions. All permits shall require the applicant to:~~

~~1.) Notify the Planning and Zoning Department at least 24 hours before beginning any major project land disturbing activity.~~

~~2.) Notify the Planning and Zoning Department of any modifications of the erosion control plan within 7 days of change.~~

~~3.) Install and maintain all erosion control measures as identified in the erosion control plan.~~

~~4.) Maintain all road drainage systems, storm water drainage systems and other facilities as identified in the erosion control plan.~~

~~5.) Remove sediment resulting from land disturbing activities from adjacent surfaces and/or drainage courses in accordance with all State and Federal regulations.~~

~~6.) Allow the Planning and Zoning Department to enter the site to verify compliance with the erosion control plan.~~

~~7.) Submit a revised plan for approval if the nature of the project changes from that proposed under the permit.~~

~~8.) Submit copies of all necessary state and federal permits~~

~~(d) Permit Fees. All fees for a Land Disturbance Permit shall be paid prior to permit issuance.~~

~~(e) Length of Permit Validity. In the event that the land disturbing activities are not started within 6 months and/or the work is not completed within three (3)~~

~~years from the date of the permit said permit shall become invalid and a new permit shall be obtained.~~

13.12.97 *Enforcement*

(a) *Stop Work Notice.* The Planning & Zoning Department may issue a stop work notice in accordance with the zoning ordinance for any work not conforming to the requirements of this ordinance. The stop work notice may be lifted only after the work has been made to conform to this ordinance. If, after the stop work order has been issued for a period of not less than ten (10) calendar days and the work is not in compliance with this ordinance the Department may serve notice of zoning violation.

(b) *Fines for Violation.* In addition to any and all other remedies set forth in this ordinance for a violation thereof, the Planning Director or his/her designee may, for any violation of this ordinance, levy a fine against the violator(s) of up to \$150.00 for each occurrence, each day being a separate occurrence. The Department shall notify the violator(s) of such fine, in writing.

(c) *Fines for Working Without a Permit.* The fine for working without a permit, when related to work for which a permit is attainable under this ordinance, will be double the normal fee that would have otherwise been required to obtain the permit for the land disturbance work.

13.12.810 *Exemptions.* This ordinance shall apply to any land-disturbing activity undertaken by any person on any land except for the following activities. These activities may be subject to regulation by State and Federal agencies.

~~(a) Any emergency activity that is immediately necessary for the protection of life, property or natural resources. However, after the emergency has been abated, the applicant shall apply for a Land Disturbance if required by the thresholds in Section 13.12.2(a).—The construction of single family residences when such construction is located on lots exceeding three (3) acres and construction activity disturbs less than one (1) acre and is not a part of a larger common plan of development or sale.~~

~~(b) Surface mining or land fill operations permitted by ADEM.~~

~~(c) Such minor land-disturbing activities as home gardens and individual home landscaping, repairs, maintenance work, and other related activities which result in minor soil erosion.~~

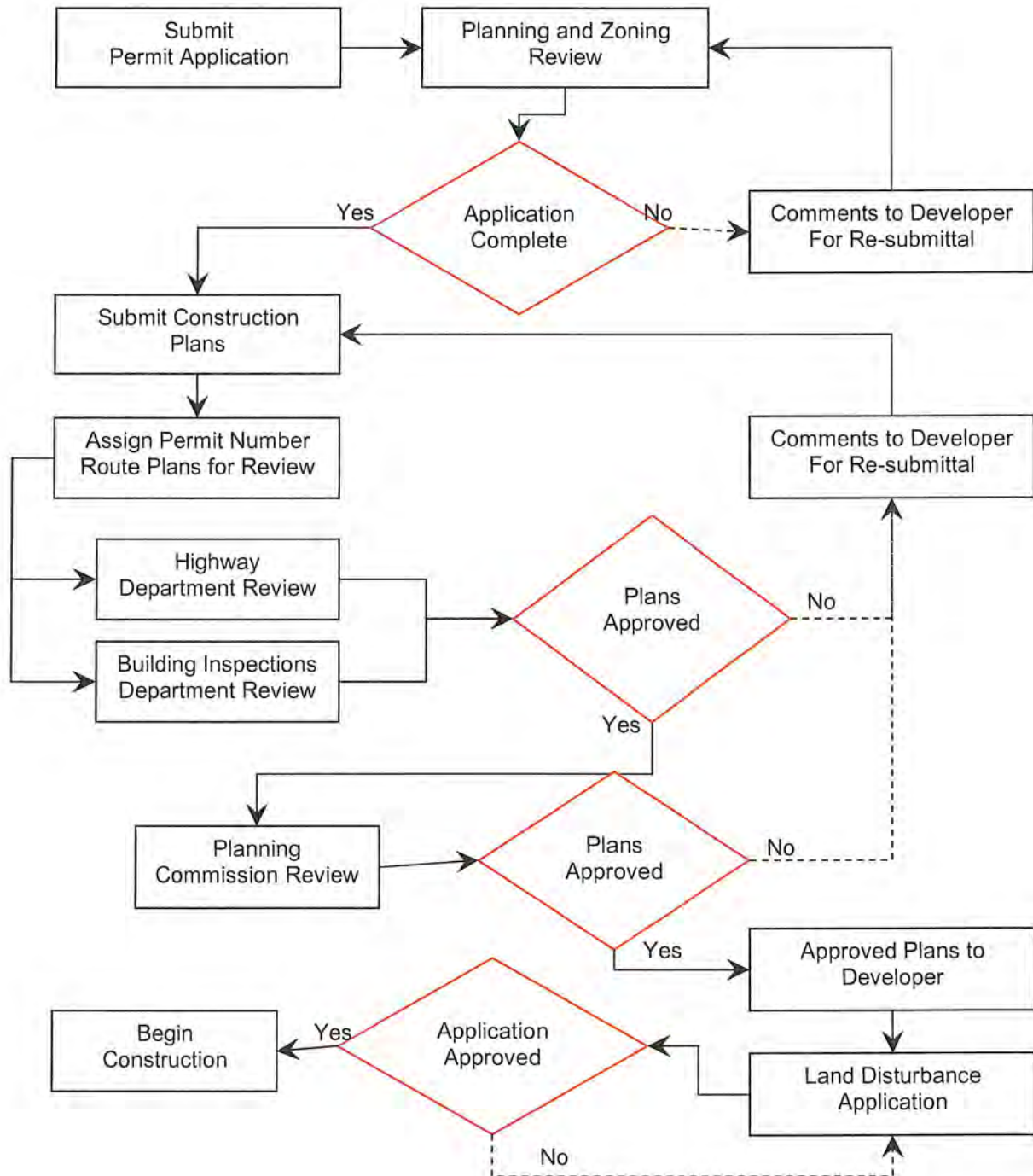
(d) Agricultural activities as defined herein.

(e) Any project carried out under the technical supervision of the Natural Resources Conservation Service of the United States Department of Agriculture, the State of Alabama, the Mobile Bay National Estuary Program, or Baldwin County Commission.

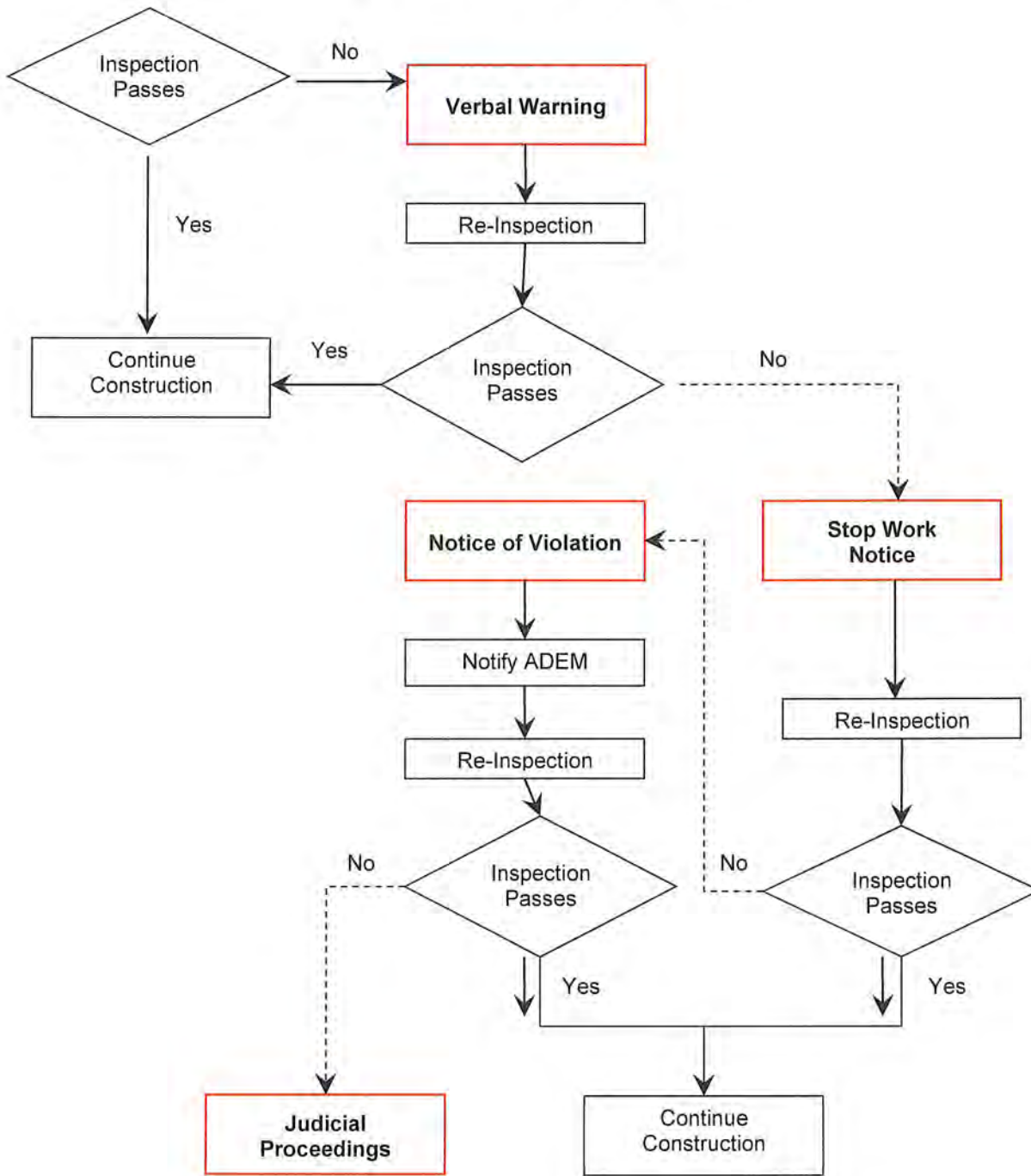
Table 7-1 Baldwin County Phase II MS4 MCM3
Construction Site Stormwater Runoff Control Strategies and Goals

NPDES Permit Section	SWMPP Section	7-Construction Site Stormwater Runoff Control Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-3a</i>	<i>7.1</i>	<i>Construction Site Stormwater Runoff Control</i>	In year one (1), review Standard Operating Guidance/Checklist/Flow Charts and update as needed to meet new permit requirements	<i>Sediment, Oils, Paints, & Trash</i>	<i>P&Z</i>
Form/Checklist/Charts			Action		
Permitting and Plan Review Flow Chart			Not updated		
Enforcement Action Flow Chart			Not updated		
CBMPP-Minor Project Review			Updated		
CBMPP-Major Project Review			Updated		
CBMPP Form-Minor Projects			Updated		

Permitting and Plan Review Flow Chart



Enforcement Action Flow Chart



7.4.2

CBMPP

Minor Project Review
Citizen Serve Checklist



PERMIT PROJECT

FILE #: 22-002391

16236 FERRY RD FAIRHOPE AL 36532

REMOVAL OF DIRT

USACE AND ADEM VIOLATIONS. WORKING WITH ADEM TO TRY TO ADDRESS THIS ISSUE.



REVIEW INFORMATION

Department

Planning and Zoning Department



Activity Type

CBMPP - Minor Project Technical Review



Assign To



Permit #:

ULD22-000048 Removal of dirt ***US...



Created On

05/22/2023 by Ashley Campbell

Notes



DATES

Start Date

Due Date

Completion Date

Status



Step through each review item below. Add a new comment at the bottom of the page for each deficiency.

Are there any violations or special notes associated with this property?



Review instructions: (Violations)

*Check whether the exclamation mark (!) is in the upper right-hand corner of the screen. This indicates that an alert is associated with this parcel. Click on the (!) to determine the nature of the alert as there may be stop work order or some other violation discovered by any number of County Staff (building, solid waste, highway, P&Z). Though not required, feel free to contact the author of the alert to obtain additional background information if it may be helpful in your review.

* Section 13.12.7 (c) states "Fines for Working Without a Permit. The fine for working without a permit, when related to work for which a permit is attainable under this ordinance, will be double the normal fee that would have otherwise been required to obtain the permit for the land disturbance work."

Open the simplified CBMPP and confirm the following existing features are displayed:

- The relevant lot or parcel is sufficiently displayed and scaled on the CBMPP to perform a review?
- Existing primary structures and accessory structures are displayed to approximate scale?
- Existing driveways are displayed to approximate scale?
- Existing wooded areas are roughly displayed?

Review instructions: (CBMPP-Min)

*Parcel Area: Make sure the parcel is drawn such that you (or a future reviewer or code enforcement officer) can easily identify the property boundaries, that it appears to match the parcel as shown on GIS, and that it appears to be reasonably scaled (length-width ratios closely match what you see in GIS).

*Disturbance Area: Make sure it is shown on the plat with a label and the approximate dimensions of the disturbance area.

*Structures, Driveways, and Wooded Areas: Compare with aerial imagery in GIS or Google maps and make sure relevant structures, drives, and wooded areas are shown at close to the appropriate size and close to the appropriate location. Do not be picky about this unless it is going to somehow impact the review (e.g. they are showing silt fence going through a space where a building is located).

Is the area to be disturbed clearly shown and properly dimensioned?



Review instructions: (CBMPP-Min)

*Make sure the disturbance area is shown on the plat with a label and the approximate dimensions of the disturbance area.

Was a wetland/stream delineation required for the project?



Review instructions: (CBMPP-Min & CBMPP-Maj)

* If the disturbance area is within 50 feet of potential wetlands, a wetland delineation is generally required. However, if this was the case, a P&Z wetland review should have been performed during prescreen and a determination made about whether a delineation is required. Please check the results of the wetland review in the Inspection tab.(Zoning Ordinance-Section 10.4.4(2))

Do non-jurisdictional wetlands or stormwater management areas exist on the site?



Review instructions: (CBMPP-Min)

* A 5-foot undisturbed buffer is required from all non-jurisdictional wetlands and existing stormwater management areas (Section 10.4.5). Review contours and historic imagery to evaluate whether these features exist on site. Examples include existing graded ponds, swales, ditches, etc. Ensure the the following label is included with the buffer ("5-Foot Natural Buffer").

* If the applicant is proposing to fill or alter a non-jurisdictional wetland or existing stormwater management area, the applicant must submit a letter from a professional engineer indicating that altering the feature will not negatively impact adjacent properties.

Is the proposed work within a recorded subdivision?**Review instructions: (CBMPP-Min & CBMPP-Maj)**

* Check the Revenue Department's legal description to see if it identifies the parcel as lot in a subdivision or includes a slide number. Typically, recorded subdivision plats will also be identified within the Baldwin County Tax Parcel Viewer by a "Slide" number labeled on or near the properties in question.

Are appropriate erosion and sediment controls displayed on the CBMPP?**Review instructions: (CBMPP-Min)**

*Every CBMPP will have some erosion or sediment control feature displayed to ensure that the disturbed land does not leave the site during a major rain event. Examples of erosion control measures might include silt fence, wattles, check dams, inlet protection, erosion control fabric, sodding, seeding, slope protection, vegetative buffers, etc. shall be shown on a site plan drawing. Look at the site, try to figure out how the water flows, and ensure that erosion and sediment control features are displayed that will filter and clean the water as it leaves the site.

- For most minor projects, properly installed silt fence, placed down stream of the land disturbance will be sufficient. Often, but not always, this will mean silt fence placed around the entire perimeter of the land disturbance.

- If the stormwater could discharge to a ditch with a slope greater than 3:1 then properly installed hay bales, wattles, or silt fence within the ditch may also be required.

Was a construction entrance with sufficient stabilization displayed on the CBMPP?**Review instructions: (CBMPP-Min)**

*Review the CBMPP drawing for the point where trucks, trailers, or equipment will access the site from the road to perform the land disturbance work. This access point should be labeled with "Construction Entrance", "Access Point", or similar label. When evaluating the construction entrance, note that the intensity of the project may not require a formalized construction entrance if an existing driveway is concrete or gravel. For example, if the proposed land disturbing project is relatively small so that trucks are not likely to track dirt/mud track out onto the streets, a construction entrance may not be required at all, or could be satisfied with a note or condition of approval on the CBMPP along the lines of "Construction entrance shall be stabilized with gravel, sod, or pine straw, if necessary, to avoid tracking of dirt/mud onto the roadway."

Are appropriate waste (trash, garbage, etc.) disposal areas displayed on the CBMPP?**Review instructions: (CBMPP-Min)**

*You will need to use common sense as the reviewer to anticipate what type of waste will be generated by this work and what type of trash containment will be required. For most minor land disturbance projects, the owner's residential waste cart will likely be sufficient to dispose of silt fence scraps, water bottles, and similar trash items.

Is the method for final stabilization displayed on the CBMPP?

Review instructions: (CBMPP-Min)

*Confirm that the CBMPP includes a note explaining how final stabilization will be accomplished after the land disturbance activity is complete. In most cases this stabilization will occur through sodding or seeding (with a non-temporary grass variety).

Are the restroom facilities for site construction workers displayed on the CBMPP?



Review instructions: (CBMPP-Min)

*For minor projects, our main objective is to raise awareness that some type of restroom facility must be available. The CBMPP will need to include a note indicating that a portable toilet will be placed at the site or that existing onsite facilities will be available to site construction workers. At the end of the day, we are not going to check behind them on this unless we receive a complaint that warrants our involvement.

Do any unique features of this site warrant additional review by the Natural Resource Planner, Highway Department, or another team member or agency?



NOTE TO REVIEWER: If minor deficiencies can be handled through a contingent approval, proceed with the contingent approval and be sure to list contingencies on the approved CBMPP site plan. For simplified CBMPPs, construction entrance, trash collection, final stabilization, and restroom facilities can be handle through contingency notes on the final approved CBMPP.

☰ REVIEW COMMENTS



#	STATUS	COMMENTS
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7.4.2

CBMPP

Major Project Review
Citizen Serve Checklist



PERMIT PROJECT

FILE #: 22-002391

16236 FERRY RD FAIRHOPE AL 36532

REMOVAL OF DIRT

USACE AND ADEM VIOLATIONS. WORKING WITH ADEM TO TRY TO ADDRESS THIS ISSUE.



REVIEW INFORMATION

Department

Planning and Zoning Department



Activity Type

CBMPP - Major Project Review



Assign To



Permit #:

ULD22-000048 Removal of dirt ***US...



Created On

05/22/2023 by Ashley Campbell

Notes

16



DATES

Start Date

Due Date

Completion Date

Status



Step through each review item below. Add a new comment at the bottom of the page for each deficiency.

Are there any violations or special notes associated with this property?



Review instructions: (Violations)

*Check whether the exclamation mark (!) is in the upper right-hand corner of the screen. This indicates that an alert is associated with this parcel. Click on the (!) to determine the nature of the alert as there may be stop work order or some other violation discovered by any number of County Staff (building, solid waste, highway, P&Z). Though not required, feel free to contact the author of the alert to obtain additional background information if it may be helpful in your review.

* Section 13.12.7 (c) states "Fines for Working Without a Permit. The fine for working without a permit, when related to work for which a permit is attainable under this ordinance, will be double the normal fee that would have otherwise been required to obtain the permit for the land disturbance work."

Will the site land disturbance be greater than an acre?*Review instructions: (CBMPP-Maj)*

* Check whether the land disturbance is greater than an acre by measuring the area marked for disturbance on the site plan.

Did the application include a county or municipal government right-of-way permit?*Review instructions: (CBMPP-Maj)*

* Check whether the land disturbance will involve right of way work. If so, a copy of the site's right of way permit(s) is required. In some cases, there may be two separate jurisdictions with two separate permits. Do not accept an email stating it meets requirements for permit issuance. All areas disturbed in the right of way shall be sodded (Zoning Ordinance-Section 13.12.3 (k)).

Open the engineered CBMPP and confirm the following existing features are displayed:

- (a) Site boundaries, lot(s), etc.
- (b) All watercourses, ponds, and lakes (Note: jurisdictional streams, wetlands, etc., will be address futher later).
- (c) Floodplains and floodways.
- (d) Existing site conditions; wooded areas, grass, etc.
- (e) Soil types and erodibility.
- (f) Existing structures, roads, utilities, drainage improvements, and other improvements.
- (g) Proposed improvements (utilities, drainage improvements, buildings, etc.) **Not applicable for land disturbance permits.**
- (h) Existing and proposed rights-of-way or easements including location, widths, purposes, street widths and names, and recording information - S

Review instructions: (CBMPP-Maj)

* (a)&(b) The features will vary from site to site. Compare the submitted CBMPP with the Revenue Map to determine if any major features like a farm ditch or pond are missing. Make sure the features are displayed in similar size and scale to what is shown on the aerial imagery.

- * (c) Check the Building Department Map Viewer for floodplains and floodways.
- * (d) Every existing surface condition should be ascertainable from the CBMPP.
- * (e) Soil types will generally be provided in a table on the CBMPP or with the inclusion of a soils map.
- * (f) Verify as best you can using aerial photography.
- * (g) A CBMPP that is part of a Land Disturbance Permit only should not include any proposed structural improvements (the only exception might be an outlet structure for a pond or similar structures not supporting a larger future project). (Zoning Ordinance Section 13.12.5 (a)).

Open the engineered CBMPP and confirm the following BMP related items are displayed, to the detail necessary, on the sheet(s):

- 1-Confirm that the plan is stamped or signed by a licensed engineer or QCP.
- 2-Acreage or square feet to be disturbed for major project.
- 3-Any detention basins proposed during construction shall be designed to serve as a sediment basin during construction. **Not applicable for land disturbance permits.**
- 4-Debris/trash containment displayed & detailed in notes.
- 5-Onsite concrete, paint, washout areas displayed on plan.
- 6-Stable entrance/exit displayed and detailed in notes.
- 7-Dust controls detailed in notes.
- 8-Erosion and sediment controls displayed and detailed with a phasing plan.
- 9-Port-o-let or existing restroom facility for site construction workers displayed or detailed in notes.
- 10-If soil storage piles are shown on CBMPP, they shall be encircled by silt fence-detail in notes.
- 11-Thirteen (13) Day Rule detailed in notes.
- 12-Dailey observation, routine and rain event inspections and maintenance of all BMPs detailed in notes.
- 13-All onsite and offsite areas disturbed during construction shall be permanently stabilized prior to final inspection/certificate of occupancy issuance shall be detailed in notes.

Review instructions: (CBMPP-Maj)

- * 1-Status of engineering license can be confirmed at Alabama Board of Eng. Website. (Zoning Ordinance-Section 13.12.2 (b)2).
- * 2- May be a note on the CBMPP and not necessarily part of a drawing call-out. (Zoning Ordinance-Section 13.12.5(b)1).
- * 3-Confirm that the notes detail that any detention basin used for post construction stormwater runoff will be installed in the first phase of construction and used during construction as a sediment basin (Zoning Ordinance-Section 13.12.5(b)11). **Not applicable for land disturbance permits.**
- * 4-Confirm that a dumpster is displayed on the site. If the site is residential, a note detailing the proper disposal of debris will be acceptable (Zoning Ordinance-Section 13.12.5(b)4).
- * 5-Usually displayed as a smaller square area and labeled as "Concrete Washout" or a note detailing that it will be provided but that the Contractor will be responsible for choosing the location. (Zoning Ordinance-Section 13.12.5(b)5). **Not applicable for land disturbance permits.**
- * 6-Confirm that a stable entrance/exit is shown and detailed on the plan. The exit must 50-feet long and 20-feet wide unless spatial limitation that does not allow. The exit pad shall have a minimum aggregate thickness of 6 inches and will usually be Alabama Highway Department coarse aggregate gradation No.1 or 57 stone. A non-woven geotextile fabric shall be placed underneath the aggregate. This is a typical detail; you should see it displayed on the plan as a drawing. If not, the entrance needs to be shown and described in the notes (Zoning Ordinance-Section 13.12.5(b)7).
- * 7-This can be a simple note that states that dust controls will be implemented if needed. For large subdivisions, a more detailed description shall include watering schedules and limited disturbance especially if the land disturbance is a large area near an existing subdivision or development (Zoning Ordinance-Section 13.12.5(b)8).

* 8-Confirm that erosion and sediment controls are shown and detailed on plan. Examples of erosion and sediment control measures might include silt fence, wattles, check dams, inlet protection, erosion control fabric, sodding, seeding, slope protection, vegetative buffers, etc. A phasing or sequencing note shall be detailed. This can be accomplished with a note stating that "All construction activities on a site should be conducted in a logical sequence so that the smallest practical area of land will be exposed for the shortest practical period of time during development." Or it can be more detailed as: "Phase 1-Limit clearing and grubbing of site to areas needed to install BMPs, Phase 2- Install BMPs, Phase-3, inspect and maintained BMPs, Phase 4-Final grade and stabilization, Phase 5-Remove BMPs" (Zoning Ordinance Section 13.12.3 (c)).

* 9-Confirm that a port-o-let is shown on the plan or a note regarding another option for the onsite restroom facility (Zoning Ordinance-Section 13.12.5(b)4).

* 10-If not shown, a note can be added to the note section to the same affect. (Zoning Ordinance-Section 13.12.5(b)13).

* 11-Confirm that a version of ADEM's 13-day rule is on the CBMPP: "Measures to be implemented on all areas not undergoing active disturbance or active construction and progressive construction for longer than thirteen (13) days to prevent/minimize erosion and ensure timely temporary vegetative cover and permanent revegetation or cover of all disturbed areas when disturbance is complete." The note can simply say, "Any areas left undisturbed for 13 days shall be temporarily stabilized." (Zoning Ordinance-Section 13.12.5(b)14)

* 12-Confirm that the notes section has a note regarding daily observation, routine, rain event inspections, and maintenance of all BMPs to be completed by the applicant (Zoning Ordinance-Section 13.12.6).

* 13-Confirm that the CBMPP includes a note explaining how final stabilization will occur through sodding. All onsite and offsite land disturbance shall be stabilized. If permanent seeding will be used, a permanent stand will need to be established by the final inspection (*1-13, Zoning Ordinance-Section 13.12.5 (b)16).

* **NOTE:** For details on BMP design, installation, inspection and maintenance, see the Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urbanized Areas located here.

Was a wetland/stream delineation required for the project?



Review instructions: (CBMPP-Min & CBMPP-Maj)

* If the disturbance area is within 50 feet of potential wetlands, a wetland delineation is generally required. However, if this was the case, a P&Z wetland review should have been performed during prescreen and a determination made about whether a delineation is required. Please check the results of the wetland review in the Inspection tab.(Zoning Ordinance-Section 10.4.4(2))

Do non-jurisdictional wetlands or stormwater management areas exist on the site?



Review instructions: (CBMPP-Min)

* A 5-foot undisturbed buffer is required from all non-jurisdictional wetlands and existing stormwater management areas (Section 10.4.5). Review contours and historic imagery to evaluate whether these features exist on site. Examples include existing grady ponds, swales, ditches, etc. Ensure the the following label is included with the buffer ("5-Foot Natural Buffer").

* If the applicant is proposing to fill or alter a non-jurisdictional wetland or existing stormwater management area, the applicant must submit a letter from a professional engineer indicating that altering the feature will not negatively impact adjacent properties.

Will a variance be required due to proposed land disturbance within the required wetland, stream, or stormwater management buffer?



Review instructions: (ZLD-Min & CBMPP-Maj)

* Check Zoning Ordinance-Section 10.4.7 for exemptions to the variance requirements. If site does not meet one of the exemptions, then make sure the applicant has submitted the Notice of Action for the variance and all federal and state permits for the wetland and/or stream fill (if applicable). If not, stop the review and notify the applicant of the steps to be taken to acquire the variance.

Is the proposed work within a recorded subdivision?



Review instructions: (CBMPP-Min & CBMPP-Maj)

* Check the Revenue Department's legal description to see if it identifies the parcel as lot in a subdivision or includes a slide number. Typically, recorded subdivision plats will also be identified within the Baldwin County Tax Parcel Viewer by a "Slide" number labeled on or near the properties in question.

Do any unique features of this site warrant additional review by the Natural Resource Planner, Highway Department, or another team member or agency?



NOTE TO REVIEWER: If minor deficiencies can be handled through a contingent approval, proceed with the contingent approval and be sure to list contingencies on the approved CBMPP site plan. For simplified CBMPPs, construction entrance, trash collection, final stabilization, and restroom facilities can be handle through contingency notes on the final approved CBMPP.

☰ REVIEW COMMENTS



#	STATUS	COMMENTS
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7.4.2
CBMPP
Form

Construction Best Management Practices Plan Form

Construction Best Management Practices (CBMP) are measures you take to reduce pollutants from leaving your site and causing impacts to local waterways and private and public property. The measures can include many steps; from site phasing to stabilized construction entrances. New state and local stormwater regulations require builders and developers to have Plans (CBMPP) that address site-specific BMPs. In order to acquire a land disturbance permit in Baldwin County, you will need to address the applicable BMPs listed in this brochure and any others needed to aid in preventing offsite impacts.

Your CBMPP submittal shall be this form along with your plot plan detailing, at a minimum, the best management practices listed below:

1. **Please initial beside each item in the list below or write NA and explain why it's NA.**
2. **Attach or draw your plot/site plan on the attached page.**

_____ This application is for a **portable storage building** or a **mobile home** where **no land disturbance** (grading, filling, or excavating) will occur. **Filling includes dirt brought in for the mobile home pad.** Since no land disturbance will occur a SCBMPP is not required and the remainder of the items are NOT APPLICABLE.

_____ The attached plan shows areas of disturbance including square feet/acreage. An effort will be made to minimize the amount of soil exposure during construction activity. If not applicable, please explain:

_____ The attached plan shows a stable construction entrances/exit to minimize off-site tracking of sediment from vehicles. If not applicable, please explain:

_____ The attached plan details and shows erosion and sediment control Best Management Practices (BMPs), silt fence, wattles, vegetation, etc. If not applicable, please explain:

_____ The attached plan shows proper onsite containment and disposal of all construction building materials, concrete washout, paint, trash, sanitary waste and any other solid waste or wash water created by myself the contractor and/or my subcontractors. If not applicable, please explain:

_____ All areas disturbed during construction (including any rights-of-way) disturbed shall be permanently stabilized prior to final inspection or issuance of a Certificate of Occupancy. If not applicable, please explain:

_____ I will inspect and maintain site BMPs, following every rain event. If not applicable, please explain:

By initialing beside the above listed items, I am acknowledging that this is an attachment to my Construction Best Management Plan and that I will implement, inspect, and maintain these practices.

Permittee Name (Print) _____ Permittee
Signature: _____

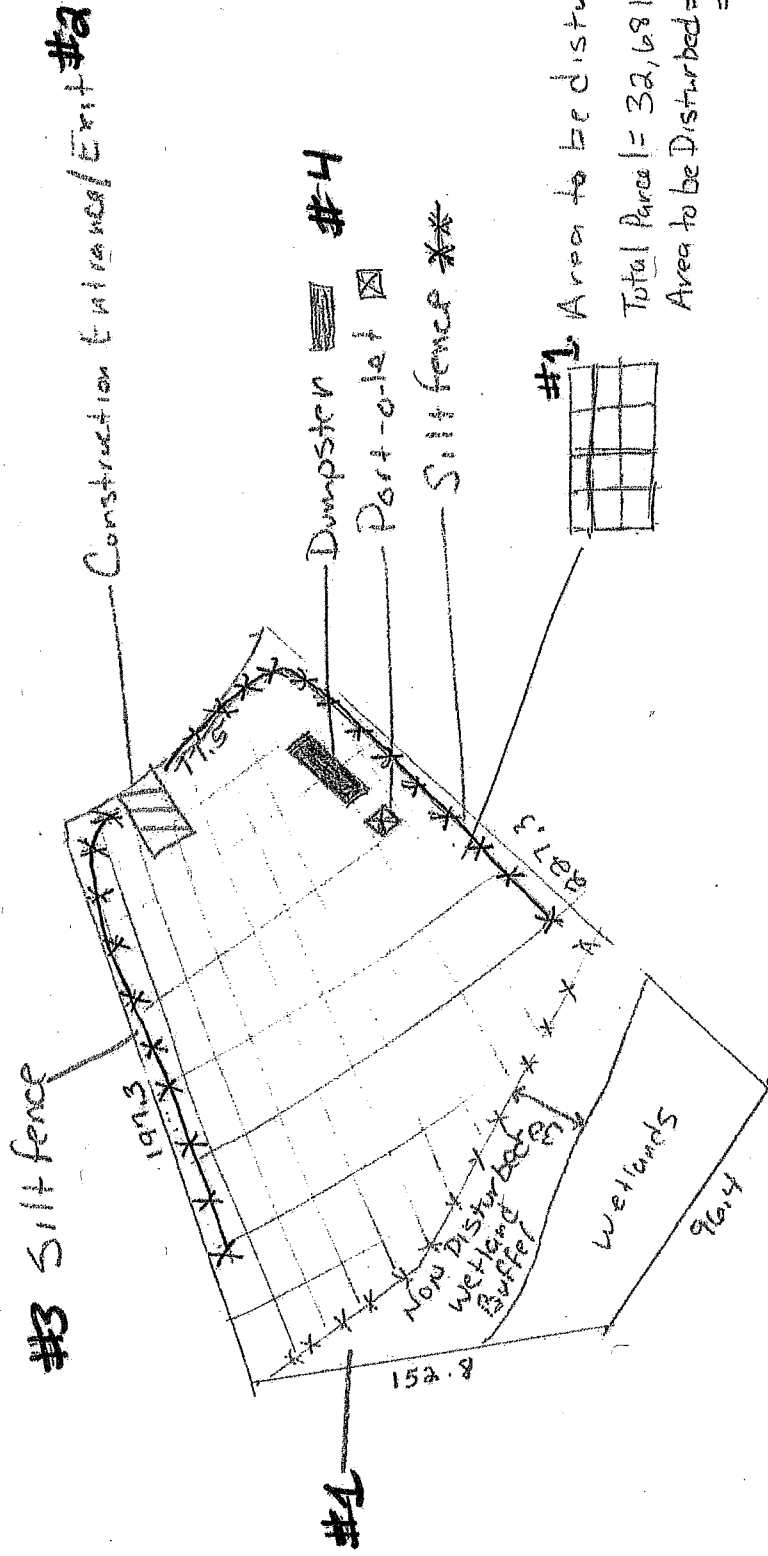
Date: _____



BALDWIN COUNTY, ALABAMA
Planning and Zoning Department

Simplified CBMPP - Example

1. Save existing vegetation - Label area to be disturbed and list acreage or square feet to be disturbed.
2. Show construction entrance/exit
3. Show siltfence and other sediment controls
4. Show dumpster+porta-let locations
5. Describe how disturbed areas will be permanently stabilized.
6. All BMPs will be inspected + maintained as needed.

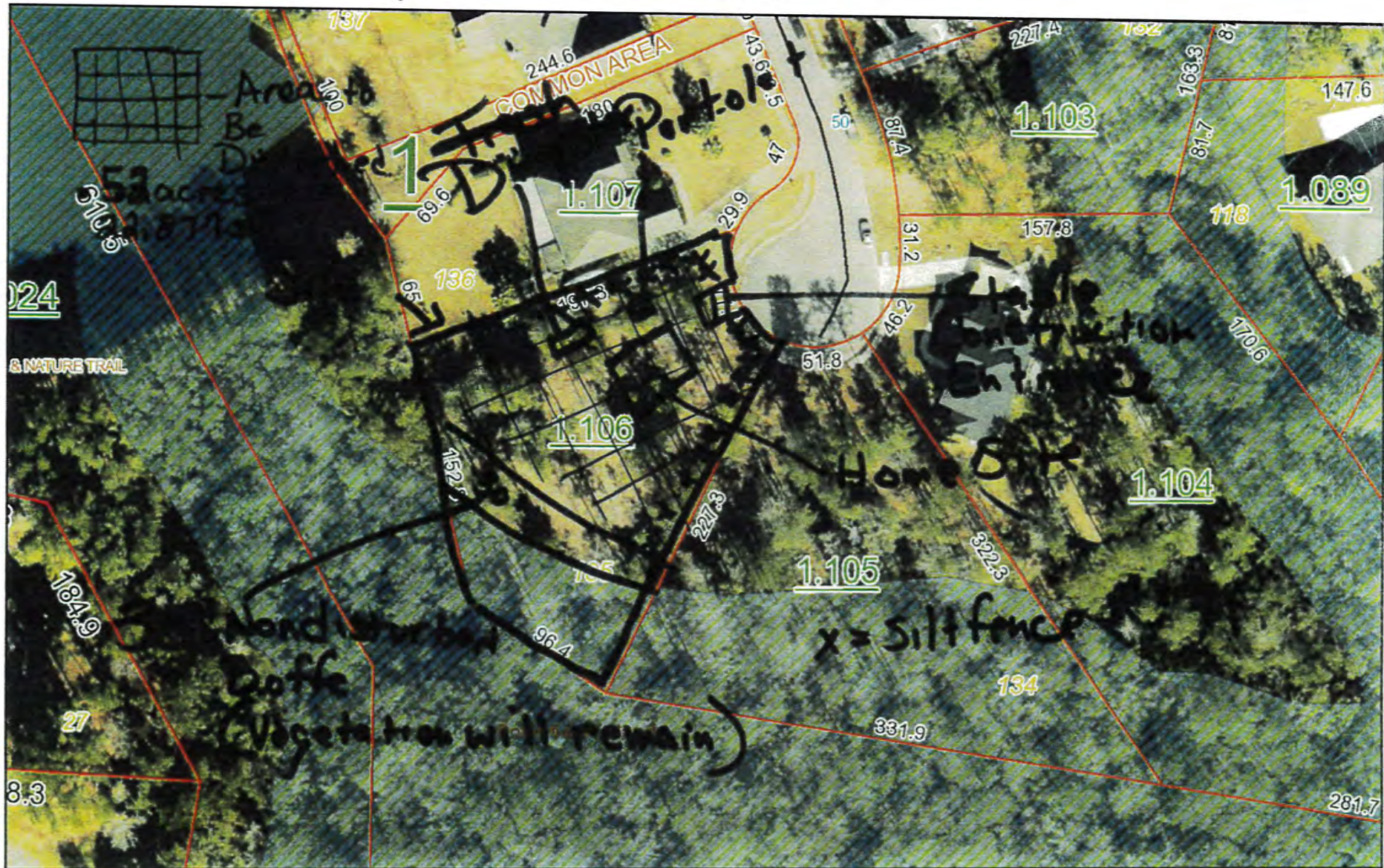


Area to be disturbed
 Total Parcel = 32,681 sqft
 Area to be Disturbed = 22,877 sqft
 = 1.53 acres

- #6 All BMPs will be inspected + maintained.
- #5 Permanent Stabilization will be achieved by sodding all disturbed areas.

1" = 130'

Example: Simplified Viewer Map CBMPD

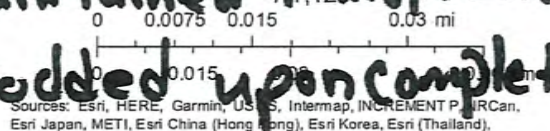


June 17, 2022

- Misc
- Parcels
- Centerlines
- Coastal Control Line
- Lot Lines
- County Boundary
- Conflicts
- Potential Wetlands

- Bmps will be maintained + inspected

- Site will be seeded upon completion



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, URCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

Table 7-1 Baldwin County Phase II MS4 MCM3 Construction Site Stormwater Runoff Control Strategies and Goals

NPDES Permit Section	SWMPP Section	7-Construction Site Stormwater Runoff Control Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-3a	7.4	<i>Plan Review & Permitting Construction Sites associated with Sensitive Areas such as beaches, Waterways, and Wetlands</i>	<i>Within the County's MS4 boundary, review subdivision and zoning applications that contain beaches waterways and wetlands to ensure compliance with County, State and Federal permit requirements</i>	<i>Sediment, Oils, Paints, & Trash</i>	<i>P&Z</i>
		Document/Form	Description		
		Permit Application Online	Environmental Questions/Attachments		
			Permit Acronyms		
			<i>ARB-Arch Review Board, CSP-Commercial Site Plan</i>		
			<i>PF-Exemption Verification, SC-Subdivision Concurrent, SN-Sign,</i>		
			<i>ULD-Unzone Land Disturbance, ZLD Zoning Land Disturbance,</i>		
			<i>ZSP-Zoning Site Plan, ZSV-Zoning Verification</i>		
		2022/2023	Reviews		
		Permit#	Address		
		ZSP22-000392	25360 COUNTY RD 83		
		ZSP22-000331	14760 County RD		
		ZSP22-000389	26346 Public Works RD		
		ZSP22-000321	17470 SCENIC HWY 98		
		ZSP22-000397	17985 SCENIC HWY 98		
		ZSP22-000359	11417 BRADFORD CT		
		ZSP22-000366	2281 ponce de leon CT		
		ZLD22-000008	10041 US HWY 31		
		PF22-000119	20580 BLUEBERRY LN		
		ZV22-000124	21621 Veranda Blvd		
		PF22-000121	27310 US Hwy 98		
		CSP22-000008	8188 WELL RD		
		ZV22-000130	31611 PLAZA DE TOROS DR S		
		ZSP22-000410	11462 BRADFORD CT		
		ZSP22-000427	933 SEA CLIFF DR		

Table 7-1 Baldwin County Phase II MS4 MCM3 Construction Site Stormwater Runoff Control Strategies and Goals

Permit#	Address
ZV22-000213	19521 Greeno RD
ZSP22-000676	6780 BENDABOUT LN
ZSP22-000702	15276 ELIZABETH DR
ZSP22-000710	6871 BEAVER CREEK DR
ZV22-000232	
ZV22-000233	22697 SIBLEY CIR
PF22-000205	
ZV22-000243	19630 KIRKMAN LN
ZV22-000245	18729 STATE HWY 181
ZSP22-000760	5648 LAKEWOOD DR
ZV22-000249	715 S MOBILE ST
ZSP22-000763	27922 BAY BRANCH DR
ZSP22-000778	10135 REBEL RD
ZSP22-000789	8219 EDGEWOOD DR
ZSP22-000836	31521 HEIDELBROOK LOOP
ZV22-000273	18968 GREENO RD
ZSP22-000857	27409 BRIGHTWAY
ZSP22-000890	6780 BEAVER CREEK DR
ZV22-000284	19283 -C SCENIC HWY 98
ZSP22-000914	107 APPOMATOX DR
ZV22-000288	6683 WILLOWBRIDGE DR
ZSP22-000929	11 PATRICE
ZSP22-000934	25837 AUSTIN RD
ZV22-000295	23191 MAIN ST
ZV22-000296	6290 PINE GROVE DR
ZV22-000297	15587 SCENIC HWY 98
ZV22-000303	22705 MAIN ST
ZSP22-000984	111 CHARLOTTE CT
ZSP22-000969	7633 LAKE BLVD
ZV22-000310	17197 -A STILLWOOD LN
ZSP22-001003	17692 HITCHINGPOST CIR
ZLD22-000066	11411 WARRIE CREEK
ZSP22-000977	6806 BORDEAUX LN

Table 7-1 Baldwin County Phase II MS4 MCM3 Construction Site Stormwater Runoff Control Strategies and Goals

Permit#	Address	
ZSP22-001187	25055 FAIRFAX RD	
ZSP22-001198	10100 BAYHAVEN CIR	
ZV22-000425	17624 SCENIC HWY 98	
ZV22-000426	6735 JERRY JOHNSON LN	
ZSP22-001202	25974 ROYALTY DR	
ZSP22-001243	6390 SADDLE WOOD LN	
ZSP22-001242	28221 -A OAK ST	
ZSP22-001253	25909 CHAMBERLAIN CT	
ZSP22-001290	11411 WARRIE CREEK	
ULD22-000134		
CSP22-000039	14472 COUNTY RD 64	
ZSP22-001298	11371 ELYSIAN CIR	
PF22-000362	13106 HILLARD JENKINS RD	
ZV22-000460	9391 GAYFER RD	
ZSP22-001291	19273 -A SCENIC HWY 98	
SN22-000028	8534 WELL RD	
ZV22-000463	2200 U S HWY 98	
ZSP22-001309	9000 ALPINE CT	
ZV22-000468	19141 BOOTHE RD	
ZV22-000470	5676 BUERGER LN	
PF22-000366	9717 MALBIS LN	
ZSP22-001325	19273 -A SCENIC HWY 98	
ZV22-000480	13880 COUNTY RD 66	
ZV22-000481	451 MAGNOLIA AVE	
ZV22-000489	25883 FRIENDSHIP RD	
ZSP22-001349	24161 BAY SHORE DR	
ZV22-000496	23755 MONTROSE WOODS DR	
ZV22-000499	9810 TWIN BEECH RD	
ZSP22-001365	9810 TWIN BEECH RD	
ZSP22-001368	31490 HEIDELBROOK LOOP	
ZV22-000507	8635 GAYFER RD	
ULD22-000155		
ZV22-000512	26648 S HOLLEY ST	

Table 7-1 Baldwin County Phase II MS4 MCM3 Construction Site Stormwater Runoff Control Strategies and Goals

	Permit#	Address	
	ZV23-000071	9655 MILTON JONES RD	
	ZSP23-000268	28033 BAY BRANCH DR	
	ZV23-000075	51 S SECTION ST	
	ZV23-000076	2101 US HIGHWAY 98 STE C, DAPHNE, AL 36526-4235	
	ZSP23-000310	17143 POLO RIDGE BLVD	
	ZV23-000082	10184 Eastern Shore Blvd Suite C	
	ZSP23-000296	17129 STILLWOOD LN	
	ZV23-000088	9475 U S HWY 90	
	PF23-000071	7753 SIMMONS DR	
	ZSP23-000311	9010 OLD MOBILE RD	

7.4

Environmental
Questions/Attachments



PERMIT PROJECT
FILE #: 22-001654
AL 36542
FIBER GLASS POOL



PERMIT #: ZSP22-000242

Permit Type
Zoning - Site Plan Approval(Land Use Certificate)

Subtype
New Single Family Dwelling

Work Description:
FIBER GLASS POOL

Applicant

Status
Issued

Valuation
25.00



FEES & PAYMENTS

Plan Check Fees	0.00
Permit Fees	25.47
Total Amount	25.47
Amount Paid	25.47
Balance Due	0.00

Non-Billable



PERMIT DATES

Application Date
03/02/2022

Approval Date
03/10/2022

Issue Date:
03/10/2022

Expiration Date:
09/10/2022

Close Date

03/10/2022

Last Inspection

-If your building permit has recently expired and NO CHANGES were made to the original approved Zoning Site Plan Approval, please go back into the portal and in the original application upload the site plan for revisions. There will be a new re review fee applied.

-If your building permit has expired and CHANGES WERE MADE to the original approved Zoning Site Plan Approval, please continue with a new application.

CONTACTS

Is the property owned by a LLC or Incorporation

No



Property Owner Contact Information

Current Property Owner Name(s) PZ

Property Owner Mailing Address PZ

1266 STATE HWY 180 GULF SHORES AL 36542

Property Owner Phone Number PZ

Property Owner Email Address PZ

Is the name of the applicant also the name of the current property owner? - SE

No



Please complete & upload this Agent Authorization Form

LAGRASSE AGENT FORM.pdf



Applicant's Contact Information

Applicant's Name

NELSON POOLS

Applicant's Mailing Address

29866 BAY SHORE DR S ORANGE BEACH AL 36561

Applicant's Phone Number

251-680-1748

Applicant's Email Address

LYNN@BRPOOLSUSA.COM

SITE INFORMATION

Physical Address assigned by Baldwin County E-911 (include the city or town).

1266 STATE HWY 180 WEST GULF SHORES AL 36542

Is the site parcel number the same as the information listed in the grey boxes above?

Yes



To obtain a Parcel Number, locate it on the property tax bill, contact the local Revenue Commissioner office, or search online (click this link). - PZ

Please provide Parcel ID Number(s) in this format: 05-XX-XX-XX-X-XXX-XXX.XXX:- PZ

05-69-08-01-0-005-022.000



Is the property located in Gulf Shores or Fort Morgan in District 25?

Yes



Because your property is located in Planning District 25 (Fort Morgan Area), you will need to apply for an Incidental Take Permit from the US Fish and Wildlife Service OR receive correspondence from US Fish and Wildlife indicating that an ITP is not required. You cannot proceed with this application until you have obtained your Incidental Take Permit. - CSP

US Fish & Wildlife Incidental Take Permit or Correspondence that ITP is not required. - ZSP

LAGRASSE MICE.pdf



Required Parking Plan

LAGRASSE SURVERY.pdf



Required parking spaces must be unobstructed and labeled 9'x19' on the site plan. The number of spaces is based on the number of bedrooms: 1 to 4 (2) spaces; 5 or 6 (3) spaces; 7 or more (4) spaces plus (1) additional space for every bedroom over 8. - CSP

Does your project involve constructing a new structure or substantially improving any existing structure, on a property intersected by, or seaward of, the Coastal Construction Line? - CS

No



To determine the answer this question visit the Revenue Online Map Viewer and zoom to the blue dashed line that runs along the coast.

SUBDIVISION INFORMATION

Is the property in an existing subdivision? - PZ

Yes



Please provide the subdivision name

PENINSULA

What is the lot # or unit # of the property?

9

Are there existing structures on the property- PZ

Yes



Please describe the existing structures:

HOME



PROJECT INFORMATION

What are you building? PZ

What will the structure be used for? PZ

Will you be installing any new driveways as part of the project? - PZ

No, I have already obtained a driveway access permit.



Please use the CBMPP Blank Form and upload it when completed (If land disturbance is greater than 1 acre on residential sites, a CBMPP prepared by a QCP or Civil Engineer will be required). View the Simplified CBMPP Example [HERE](#)



A simplified CBMPP may be used unless the site is required to have an ADEM NPDES General Permit. A simplified CBMPP (Construction Best Management Practices Plan) explains the steps that you will take (such as putting up silt fence, hay bales, trash containment locations, gravel construction access, restroom facilities and a final stabilization method, etc.) to minimize the amount of pollution and soil erosion that could leave the site and impact surrounding areas. The simplified plan can be a hand-drawn sketch labeling all of the following: 1. erosion control measures, 2. trash and debris collection locations, 3. construction access drive, 4. restroom facilities and, 5. a final stabilization method of all onsite/offsite disturbed areas.

If fill material will be brought onsite, will the existing grade anywhere on the property be raised by more than two (2) feet? - ZSP 2



Will you be disturbing more than an acre? - ZLD



Are there potential wetlands on your property? - ZSP


No



WATER & SEWER INFORMATION - ZSP

How is/will water be provided to the property?



N/A - Water will not be connected to this structure. 

How is/will sewer service be provided to the property? FW 

OTHER SUBMITTAL DOCUMENTS THAT MAY BE REQUIRED

NOTE: Documents marked with a red line must be uploaded before application can be submitted. Other documents may be deemed necessary and requested during the review of the application.

Site Plan showing any proposed structure(s) **AND** all existing structures.


LAGRASSE SURVERY.pdf  

**** The Site Plan must show all structures on the property with their dimensions AND show the distance from the structure(s) to all property lines. All structures, including stairs, must be displayed. ****


Basic Floor Plan and Front, Rear, and Side Elevation Drawings



LAGRASSE BUILDPERMIT.pdf  

Floor plans must contain sufficient detail to determine the size and use of all areas within the proposed structure. Elevation drawings must include dimensions that demonstrate the height of the proposed structure.

Highway Department Culvert/Driveway Permit 

A driveway permit from the Baldwin County Highway Department (for County roads) or the Alabama Department of Transportation (for State roads) is required to complete this application.

Are there Variance, Subdivision Exemption Verification, or ARB approvals associated with this property- CSP 

 (Optional) Please attach E-911 Address Verification letter- (this will be required for your building permit application) 

Verification Letter requests may be submitted online by clicking this link.

(Optional) Proof of Property Ownership (ex. Deed or Tax Bill)

LAGRASSE SURVERY.pdf



Miscellaneous Documents

LAGRASSE BCCAP.pdf



Paste Dropbox link below (for individual files that are more than 25MB)

I hereby certify that the information stated and submitted with this application is true and correct. I also understand that the submittal of incorrect information will result in the revocation of this permit and any work performed will be at the risk of the applicant. I understand further that any changes which vary from the approved plans will result in the requirement of a new Site Plan Approval Application. Site Plan Approvals are valid for a six (6) month period after date of issuance.

By checking this required box, I acknowledge agreement to the Terms of Service

***** FOR OFFICE USE ONLY BELOW THIS LINE *****

Residential

Residential - Number of Dwelling Units and/or Structures (\$25 each)

1

If this application is a result from a violation or work without a permit please check box to apply double permit fees.

Zoning Classification

RTF-4 Two Family District



Planning District

25: Fort Morgan



Flood Zone 1

X



Flood Zone 2

VE



Flood Zone 3

AE



ARB

No



MS4



Site plan including area dimensions and elevations showing the structure's distance from property lines including stairs



Construction Best Management Practices Plan



Driveway or Culvert Permit



Copy of the water release or copy of utility bill from current water provide



Provided copy of the Sewer Release or copy of the utility bill from the current sewer provider



Basic floor plan



Elevation drawings



Is the property located on Fort Morgan?.



Comments (to be printed on applicant's generated document)



TYPE OF USE (check ALL boxes that apply)

Addition

Alteration

Repair

Demolition

Accessory Structure

Accessory Structure (ex. storage building, pole barn, carport, etc.)

Swimming Pool

Pier/Boathouse (Ono Island - multi-slips)

Dune Walkover

- New Construction
- Single Family
- Site Built
- Manufactured Home
- Two-Family
- Multi-Family
- Commercial
- RV Park
- Manufactured Home Park
- Professional Business
- Neighborhood Business
- General Business
- Major Business
- Limited Business
- Industrial
- Light Industrial
- General Industrial
- Agriculture
- Institutional
- Church
- Schools
- Daycare Center
- Boarding/Group Home
- Transportation/Utility
- Cell Tower
- Tourist/Resort

Outdoor Recreation

Marine Recreation

****Check to Apply Credit Card Convenience Fee ONLY if customer is paying in the office by credit card.****

Property Owner Contact Information

Residential/Commercial



Commercial - Gross SF of Floor Area (\$25 per 1000 SF)

Will you be performing any land disturbing activity including clearing, grading, filling, removing stumps or excavation? (OLD FIELD DO NOT USE AS of 5.18.22) - ZSP

No



[View the Simplified CBMPP Example HERE](#)

FEES



FEE	DES	QUANTITY	AMOUNT	TOTAL
Land Use Fee - Residential				25.00
Convenience Fee		1.0	0.4700	0.47
Plan Check Fees				0.00
Permit Fees				25.47
Total Fees				25.47

PAYMENTS



DATE	TYPE	REFERENCE	NOTE	RECEIPT #	RECEIVED FROM	AMOUNT
03/09/2022	Credi	M-4326110	ZSP2	1694	Nelson Pc	25.47
Amount Paid						25.47
Balance Due						0.00

PROPERTY VARIANCE



BALDWIN COUNTY, ALABAMA

Planning and Zoning Department

Main Office-251.580.1655
22251 Palmer St., Robertsdale, AL 36567

Foley Office - 251.972.8523
201 East Section Ave., Foley, AL 36535

NOTICE OF ACTION TAKEN

MEETING DATE : September 8, 2022

CASE NUMBER : ZVA22-000052

PLANNING DISTRICT: 25

PROPERTY LOCATION: 1266 STATE HWY 180 GULF SHORES, AL 36542

APPLICANT: L&S Construction

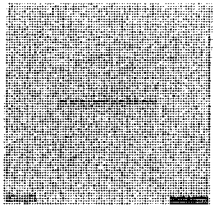
OWNER

REQUEST : Variance from 2.3.25.3(f) as it pertains to a dune walkover

ACTION TAKEN: Approved

A handwritten signature in black ink, appearing to read "Mike S. [unclear]", written over a horizontal line.

Zoning Administrator or designee



PERMIT PROJECT
FILE #: 22-004986
1266 STATE HWY 180 GULF SHORES AL 36542
VARIANCE REQUEST FOR DUNE WALKOVER



PER	SUB	APPL	STAT	ISSUED	EXPIRATION	CLOSED	BALANCE DUE	
ZVA22-000052	Variance		Approved	09/09/2022	12/21/2022	09/09/2022	\$0.00	
Variance request for dune walkover								
							Total	\$0.00



USACE

RE: [Non-DoD Source] Boardwalk Over Wetlands

From: [Redacted]

To: [Redacted]

Cc: [Redacted]

Date: Monday, January 31, 2022, 02:56 PM CST

No problem. – I really appreciate your taking the time to respond!

From: [Redacted]

Sent: Monday, January 31, 2022 2:52 PM

To: F [Redacted]

Cc: [Redacted]

Subject: RE: [Non-DoD Source] Boardwalk Over Wetlands

My apologies for not returning this e-mail sooner. My computer has been down for the last week....I just got it back this afternoon.

Pile supported structures over Section 404 wetlands are not regulated by USACE and would not require a Department of the Army permit. The project you have described appears to be exempt from Department permitting requirements based upon the description provided.

Senior Project Manager

CESAM-RD

109 St. Joseph Street

Mobile, AL 36628

From: [Redacted]

Sent: Wednesday, January 26, 2022 4:04 PM

To: P

Cc: L

Subject: [Non-DoD Source] Boardwalk Over Wetlands

– A Client has asked whether a Sec. 404 permit would be required from the Corps to build a pile-supported boardwalk over wetlands at Fort Morgan. The Boardwalk would cross dunes that could support beach mice and would be built to USFWS specifications for dune walkovers. Can you confirm that no Corps permit is required for this type of project?

Thanks,

ADEM

BCCAP

BALDWIN COUNTY COASTAL AREA PROGRAM

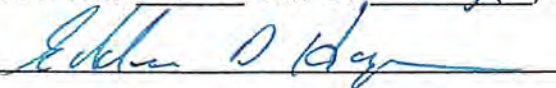
**COASTAL AREA MANAGEMENT PROGRAM
NON-REGULATED USE PERMIT**

USE TYPE: Residential Construction on Gulf-Front Property
PERMITEE: +
PERMIT NUMBER: BCCAP 20-007
PROJECT LOCATION: 1266 State Hwy 180, Gulf Shores
Fort Morgan Peninsula, Baldwin County, AL
Parcel # 69-08-01-0-005-022.000
PPIN # 112731
PROJECT DESCRIPTION: Construction of a Single-Family Dwelling and Dune Walkover

In accordance with and subject to the provisions of CODE of Alabama 1975, Section 9-7-10 et. Seq. and Section 22-22A-1 et. Seq. rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the permittee described in this permit is hereby authorized to conduct the above referenced activities.

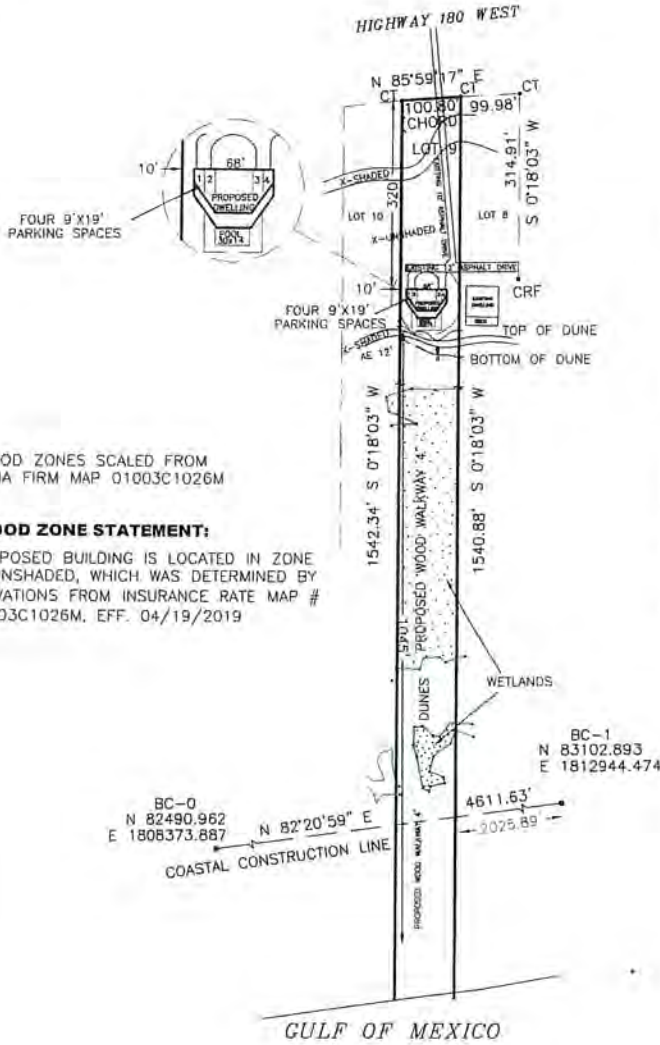
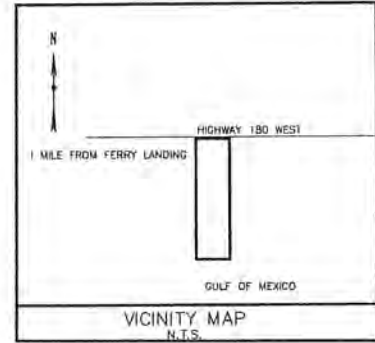
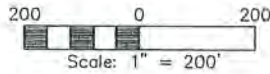
CONSTRUCTION AUTHORIZED BY THIS PERMIT SHALL BE COMPLETED WITHIN 3 YEARS FROM THE DATE OF ISSUANCE.

ISSUED THIS 3rd DAY OF Aug., 2021



BALDWIN COUNTY COASTAL AREA PROGRAM

FLOOD ZONE



FLOOD ZONES SCALED FROM
FEMA FIRM MAP 01003C1026M

FLOOD ZONE STATEMENT:

PROPOSED BUILDING IS LOCATED IN ZONE X-UNSHADED, WHICH WAS DETERMINED BY ELEVATIONS FROM INSURANCE RATE MAP # 01003C1026M. EFF. 04/19/2019

TYPE OF SURVEY: PLOT PLAN
COLLECTED BEARING BASED ON G.P.S. OBSERVATIONS

DESCRIPTION:

LOT 9 GULF BEACH FORT MORGAN SUB. MAP BOOK 3, PAGE 26 AS RECORDED IN BALDWIN COUNTY ALABAMA PROBATE OFFICE.

THE COASTAL CONSTRUCTION LINE WAS ESTABLISHED USING CONTROL MONUMENTS BC-0 AND BC-1, WHICH WERE CONVERTED FROM STATE PLANE NAD27, TO STATE PLANE NAD83 USING CORPSCON CONVERSION. NO MONUMENTS WERE RECOVERED.

WETLANDS WERE DELENIATED BY BARRY VITTOR AND ASSOC. JUNE 21, 2021

BC-0
N 82490.962
E 1806373.887

N 82°20'59" E

COASTAL CONSTRUCTION LINE

4611.63'

2025.89'

BC-1
N 83102.893
E 1812944.474



SURVEYOR'S CERTIFICATE — SIGNED BY OWNERS

THIS DRAWING DOES NOT REFLECT ANY TITLE OR EASEMENT RESEARCH BY THIS COMPANY, OTHER THAN WHAT IS VISIBLE ON THE GROUND OR PROVIDED BY THE CLIENTS CONVEYANCE.

I, PAUL D. STEWART, A REGISTERED LAND SURVEYOR (ALABAMA REG. NO. 30357) HEREBY CERTIFY THAT ALL PARTS OF THIS SURVEY AND DRAWING HAVE BEEN COMPLETED IN ACCORDANCE WITH THE CURRENT REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR SURVEYING IN THE STATE OF ALABAMA, TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF.

Paul D. Stewart
PAUL D. STEWART, ALA. REG. NO. 30357

DRAWN BY:	JAS	SCALE:	1" = 200'	REVISIONS	PROJECT	SHT. NAME	SHT. NO.
FIELD DATE:	04/05/2020	S-T-R:					1/1
DWG. NO.:	2005-005W0	CLIENT:					
APPROVED BY:	PDS	DRAWING DATE:	08/19/2021				

I:\Projects\A2020\08\11\A20-06\2000-005\2005-005W0.dwg Sep 02, 2021 11:57:14AM ZWJ



NATIVE ENDANGERED SP. HABITAT
CONSERVATION PLAN

Permit Number: ESPER0002996 Version
Number: 0

Effective: 2021-03-26 Expires: 2071-03-26

Issuing Office:

Department of the Interior
U.S. FISH AND WILDLIFE SERVICE
Ecological Services Permit Office
1875 Century Boulevard
Atlanta, Georgia 30345
permitsR4ES@fws.gov

**WILLIAM
PEARSON**

Digitally signed by
WILLIAM PEARSON
Date: 2021.03.25
12:03:57 -05'00'

Field Supervisor, Alabama Ecological Services Field Office, Daphne, Alabama

Permittee:

505 Braylon Circle
Franklin, Tennessee 37064

Authority: Statutes and Regulations: 16 U.S.C. 1539a 50 CFR 17.22, 50 CFR 13

Location where authorized activity may be conducted:

The 3.96 acres lot is located off Highway 180 in Gulf Shores, Alabama or Parcel ID # 05-69-08-01-0-005-022.0000 (Tax Pin 112731).

Reporting requirements:

Reports will be provided to the U.S. Fish and Wildlife office appearing in Condition K of this Permit.

Authorizations and Conditions:

A. General conditions set out in Subpart B of 50 CFR 13, and specific conditions contained in Federal regulations cited above, are hereby made a part of this permit. All activities authorized herein must be carried out in accordance with and for the purposes described in the application submitted. Continued validity, or renewal of this permit is subject to complete and timely compliance with all applicable conditions, including the filing of all required information and reports.

B. The validity of this permit is also conditioned upon strict observance of all applicable foreign, state, local tribal, or other federal law.

THIS PERMIT CONSISTS OF CONDITIONS A - K (5 PAGES TOTAL) AND TWO APPENDICES (2 PAGES TOTAL).



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NATIVE ENDANGERED SP. HABITAT
CONSERVATION PLAN

Permit Number: ESPER0002996 **Version**

Number: 0

Effective: 2021-03-26 **Expires:** 2071-03-26

C. Valid for use by Permittee named above. The Permittee is defined as those entities which hold, or will hold, any right, title, or interest in any portion of the covered property over the duration of this Permit.

D. Acceptance of this Permit serves as evidence that the Permittee and its authorized agents understand and agree to abide by the terms of this Permit and all sections of Title 50 Code of Federal Regulations, Parts 13 and 17, pertinent to issued permits. Section 11 of the Endangered Species Act of 1973, as amended, provides for civil and criminal penalties for failure to comply with permit conditions.

E. The Project area encompasses 3.96 acres (approximately 172,500 square feet) where the Permittee proposes construction of a single-family residence as shown in the appended plats. Field surveys indicate that the Project area provides suitable habitat which may be used by the endangered Alabama beach mouse (ABM) (*Peromyscus polionotus ammobates*). Incidental take of the ABM is restricted to the permanent destruction of approximately 0.1135 acre (4,946 square feet) of this habitat within the Project construction footprint, which would be permanently eliminated due to Project construction and site occupancy after construction.

The Permittee, and any authorized agents, are authorized to take the ABM within the Project construction footprint incidental to earth moving, grading, and other land alteration and construction activities necessary to construct a residential structure as described in the Permittee's Habitat Conservation Plan (HCP), and as conditioned herein. This Permit does not authorize take of any covered species outside of the project construction footprint or as a result of unlawful activities. Occupancy of the completed residence, in accordance with the HCP is also authorized.

F. This permit is transferable to subsequent owners of the covered property, however specific steps, per 50 C.F.R. § 13.25, must be undertaken by the Permittee for this to be done. Prior to transference of fee simple title of any portion of the real property, the Permittee and the new property owner must provide signed notification to the Service, identified in Condition K below, that a transfer of ownership is pending. This notification must include the permit number ("TE-----", as it appears above), seller's name, the tax identification number of the property, and a Form 3-200-56 completed and signed by the buyer. The new owner must also provide a signed agreement stating the buyer is aware of, and agrees to, the terms and conditions of the original Habitat Conservation Plan and this permit. The buyer also agrees not to exceed the incidental take amount allowed in this permit. Failure to follow these guidelines may result in a violation of section 9 of the Endangered Species Act, which may result in legal penalties, and/or the suspension or revocation of the Permit.

G. The following measures must be employed by the Permittee to ensure that take of the ABM is minimized and fully mitigated:

1. Driveways shall be constructed of concrete, asphalt, sand-filled geoweb, or Service-approved polymer-based binder and be of the minimum size practicable. Driveways, including the section crossing the road right-of-way, shall not exceed in width into the setback areas. Driveways longer than 100 feet shall be 12 feet in width. The use of gravel and oyster shells are no longer permitted as driveway materials because hurricane storm surge can move these materials from their source location, contaminating adjacent habitats. Driving and/or parking in natural areas of the Project area, outside of the development footprint, is not permitted.

2. County waste disposal services are available and will be utilized for household garbage. Additionally, no user of the property may accumulate any refuse capable of attracting rodents. All refuse will be disposed of using a refuse container that is rodent and scavenger-proof. The Permittee will assure at all times the availability of such containers.

3. No lumber, metals, nor bulk materials will be kept, stored, or accumulated on the property excepting only building materials during construction. The Permittee will provide each contractor, including each proposed residence, with specific written requirements reflecting the entirety of the conditions controlling refuse disposal and removal and limitations on material storage. The area of the site to be used for staging building materials will be minimized and such areas will be restored to natural state post construction. Construction debris will be placed in a dumpster, on a daily

NATIVE ENDANGERED SP. HABITAT
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basis, located on site for this purpose. Vehicle and construction equipment will not be parked within ABM habitat. No hazardous materials (including oil and gas), will be stored in ABM habitat areas.

4. The Permittee will not alter the natural topography of the lot outside of the developed area, including sand deposited on the lot from tropical storm winds and surge. The developed area will be confined to the footprint of the residence and the driveway, as described in the HCP. A copy of the approved site development plan is attached to this ITP. If you change the site development plan prior to providing it to Baldwin County or the City of Gulf Shores to obtain a building permit, you must re-initiate consultation with the Service for approval that the new site development plan complies with the conditions of this permit.
5. The Permittee will actively restore those portions of the undeveloped habitat in their lot impacted by any future hurricane impacts to the site. These restoration efforts will include limiting impacts associated with post-storm clean-up and sand removal and the replanting of native dune vegetation, such as panic grass and sea oats. Disposal of sand containing gravel or other contaminated materials is prohibited in ABM habitat. Sand fencing may be installed, in accordance with the Service's sea turtle friendly guidelines and ADEM regulations. A Service biologist will be available to discuss restoration plans or provide on-site guidance regarding post-hurricane restoration efforts that benefit the ABM, as needed.
6. For first tier lots, those immediately adjacent to the beach, an elevated wooden boardwalk will be constructed to lead from the residence to the beach, thus protecting the ABM habitat area from pedestrian traffic damage. The boardwalk must comply with state and local regulations. Boardwalks should generally be constructed perpendicular to the shoreline and extend at least to the seaward toe of the frontal dune vegetation or the existing line of vegetation. Boardwalks should be one foot higher than the highest dune on the property, but not farther than 10 feet seaward of the vegetation. Boardwalks may not extend into adjacent private or public properties without the written consent of the property owner.
7. No exterior lighting will be used for decorative purposes or will be permitted seaward of the coastal construction control line (CCCL). All exterior lighting will be fully shielded and directed away from adjacent beach and dune areas. Additionally, beach front exterior lighting will utilize Amber LED bulbs no greater than 8.5 watts. Non-beach front exterior lighting will use fully shielded fixtures with regular bulbs no greater than 40 watts incandescent or 13 compact fluorescent or 8.5 watts LED. Windows will be tinted to reduce the impact of interior lighting.
8. All construction on the beach, including the dune walkover, will be conducted outside sea turtle nesting season (May 1 through August 31).
9. Recreation and beach equipment (beach chairs, umbrellas and surfboards, etc.) will be removed from the beach at sunset during sea turtle nesting season (May 1 through August 31).
10. Landscaping of the lot, if desired, is restricted to the use of dune vegetation native to coastal Alabama. A list of approved plants is available from the Service's Alabama Field Office.
11. The Permittee will allow the Service or the State of Alabama Department of Conservation and Natural Resources (ADCNR) or other persons designated by either agency to enter the property at any reasonable time for the general purposes specified in 50 CFR 13.21 and 17.22, and for the purpose of conducting ABM trapping surveys, monitoring permit compliance, monitoring and trapping of competitors/predators, sea turtle nesting surveys, sea turtle nest monitoring, or other activities associated with sea turtle and ABM monitoring or recovery.

NATIVE ENDANGERED SP. HABITAT
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12. The Permittee, their guests, or renters of the Property are prohibited from supporting the presence of feral or free-roaming cats by providing food, shelter or any other life support elements. The Permittee agrees to report any observations of free-roaming cats to local animal control authorities and to the Service.

13. Reminder placards detailing restrictions on dune traffic, pets, beach equipment and lighting will be placed in a conspicuous location in each dwelling which is either leased or rented. To ensure compliance with all provisions of this Permit by renters and/or tenants, the placards will include instructions regarding the use of the boardwalk, prohibition on cats, minimization measures to protect sea turtle nests, guidelines for trash removal, and protection of native vegetation as part of each rental agreement. Information placards are available from the Service upon request.

H. The Permittee and the U.S. Fish and Wildlife Service agree that modification and amendments to the Permittee's HCP and this Permit may occur through its effective term. The Permit is based upon the Permittee's expected compliance with the provisions and commitments established in the submitted HCP and the Permit's stated terms and conditions identified herein. Where a conflict occurs between the HCP and this Permit, the Permit shall control. The following procedures shall govern the modification and amendment process:

Either the Permittee or the U.S. Fish and Wildlife Service may propose modifications and/or amendments to the HCP or this Permit by providing written notice. Such notice shall include a statement of the reason for the proposed modification and an analysis of its environmental effects, including its effects on operations under the HCP and on the covered species. This analysis shall be conducted jointly between the Permittee and the contact office of the U.S. Fish and Wildlife Service. The U.S. Fish and Wildlife Service or the Permittee will use best efforts to respond to a proposed modification or amendment within sixty (60) days of receipt of such notice. Absent any objection from the U.S. Fish and Wildlife Service or the Permittee, the proposed modification and/or amendment will be determined as minor and will become effective upon written approval by the U.S. Fish and Wildlife Service or the Permittee.

The U.S. Fish and Wildlife Service will not propose or approve minor modifications or amendments to the HCP or this Permit if the U.S. Fish and Wildlife Service determines that such modifications would result in operations under the HCP and Permit that are significantly different from those analyzed in connection with the original HCP, adverse effects on the environment that are new or significantly different from those analyzed in connection with the original HCP or additional take of the covered species not analyzed in connection with the original HCP. If, for any reason, a receiving party determines that a proposed amendment or modification is not minor, it must be processed in accordance with the U.S. Fish and Wildlife Service's permit regulations at 50 C.F.R. § 13 and § 17.

Any amendment or modification must conform with all applicable legal requirements, including but not limited to the Endangered Species Act, the National Environmental Policy Act, and the U.S. Fish and Wildlife Service's permit regulations at 50 C.F.R. § 13 and § 17.

I. The Permittee and the U.S. Fish and Wildlife Service acknowledge that even with the above detailed provisions for mitigating and/or minimizing impacts to the covered species, changes in circumstances could arise which were not fully anticipated by this permit and which may result in substantial and adverse change in the status of the covered species. The U.S. Fish and Wildlife Service's policy regarding changed and unforeseen circumstances is contained in the final "No Surprises" rule published on February 23, 1998 (63 FR 8859) and codified at 50 C.F.R. §§ 17.22(b)(5), 17.32(b)(5), 222.22(g).

Unforeseen and/or changed circumstances may become apparent either to the Permittee, authorized agents or to personnel of the U.S. Fish and Wildlife Service. For the purposes of implementation of this condition, unforeseen circumstances are defined as changes in circumstances affecting a species or geographic area covered by the HCP that could not reasonably have been anticipated by the HCP developers and the U.S. Fish and Wildlife Service at the time of the HCP's negotiation and development, and that result in a substantial and adverse change in the status of the covered species. Changed circumstances are defined as changes in circumstances affecting a species or geographic area covered by the HCP that



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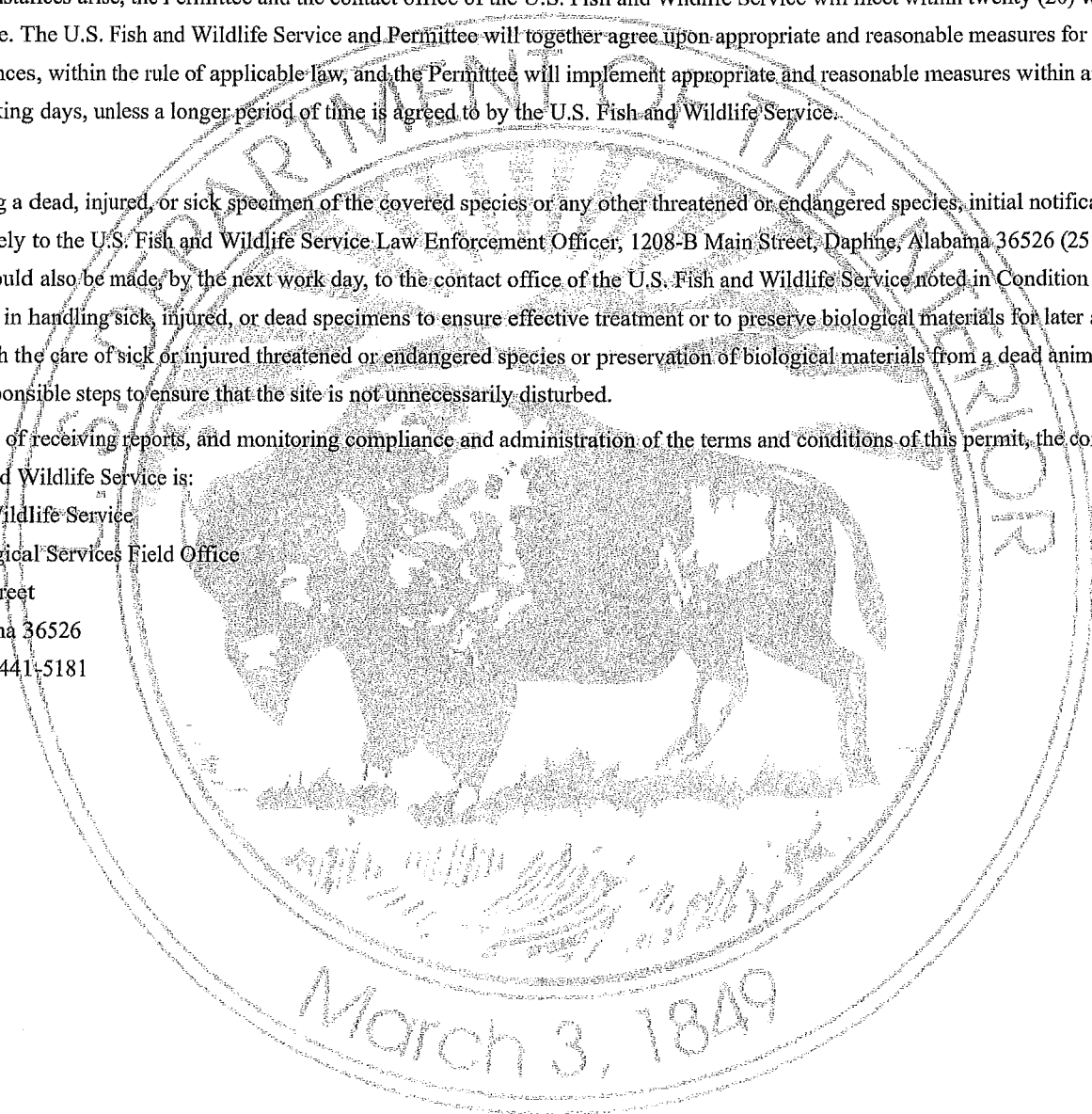
can reasonably be anticipated by HCP developers and the U.S. Fish and Wildlife Service, and that can be planned for. Should either unforeseen or changed circumstances arise, the Permittee and the contact office of the U.S. Fish and Wildlife Service will meet within twenty (20) working days following notice. The U.S. Fish and Wildlife Service and Permittee will together agree upon appropriate and reasonable measures for addressing such circumstances, within the rule of applicable law, and the Permittee will implement appropriate and reasonable measures within an additional thirty (30) working days, unless a longer period of time is agreed to by the U.S. Fish and Wildlife Service.

J. Upon locating a dead, injured, or sick specimen of the covered species or any other threatened or endangered species, initial notification must be made immediately to the U.S. Fish and Wildlife Service Law Enforcement Officer, 1208-B Main Street, Daphne, Alabama 36526 (251/441-5787). Notification should also be made, by the next work day, to the contact office of the U.S. Fish and Wildlife Service noted in Condition K. Care should be taken in handling sick, injured, or dead specimens to ensure effective treatment or to preserve biological materials for later analysis. In conjunction with the care of sick or injured threatened or endangered species or preservation of biological materials from a dead animal, the finder should take responsible steps to ensure that the site is not unnecessarily disturbed.

K. For purposes of receiving reports, and monitoring compliance and administration of the terms and conditions of this permit, the contact office of the U.S. Fish and Wildlife Service is:

U.S. Fish and Wildlife Service
Alabama Ecological Services Field Office
1208-B Main Street
Daphne, Alabama 36526
Telephone: 251/441-5181

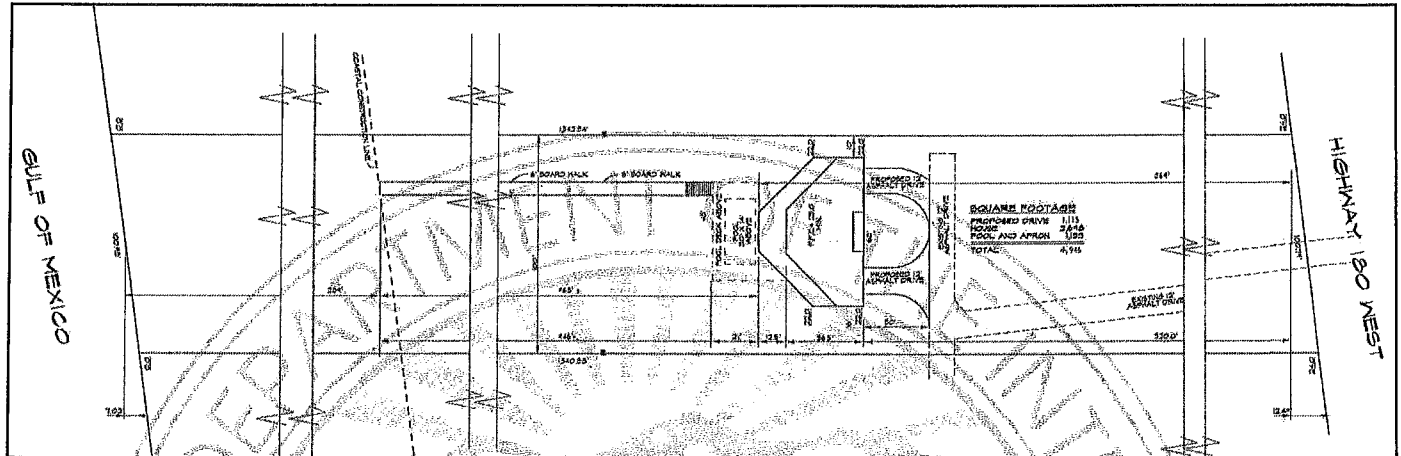
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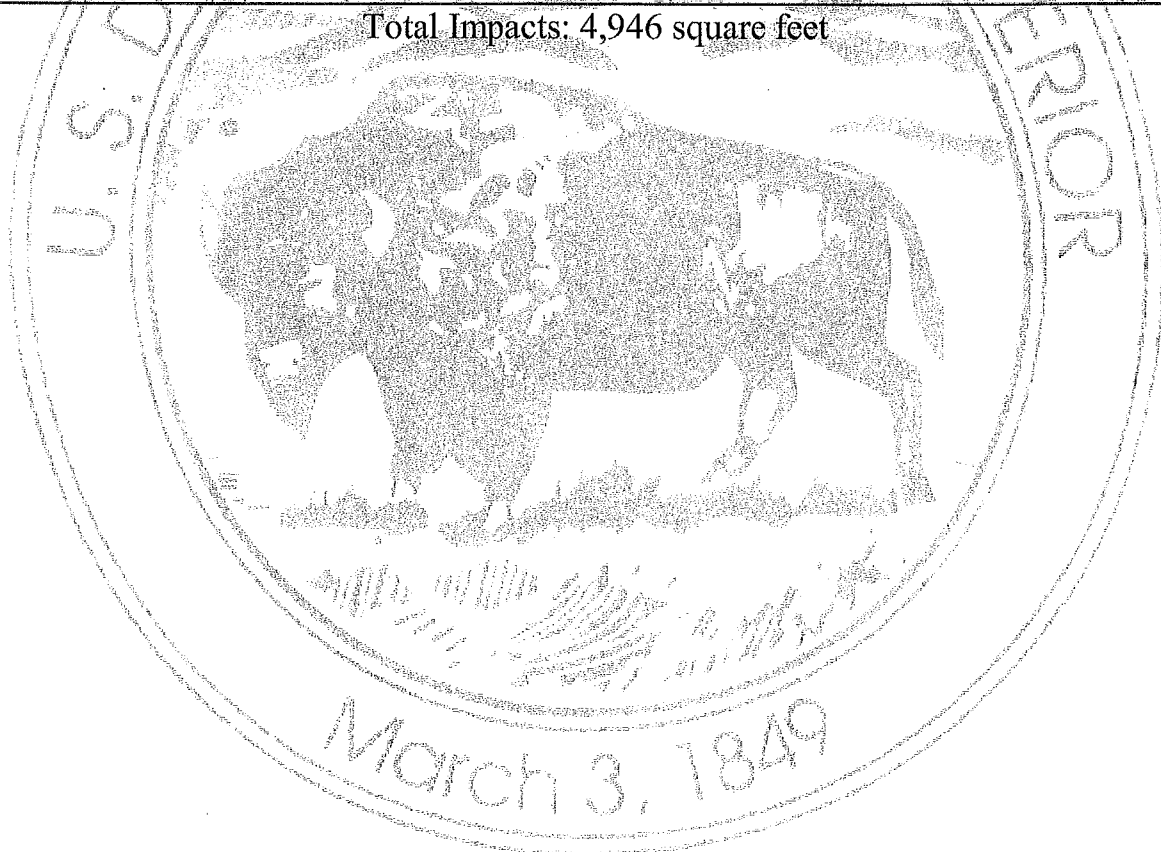
505 Braylon Circle
Franklin, TN 37064

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APPENDIX PAGE 1



Total Impacts: 4,946 square feet



505 Braylon Circle
Franklin, Tennessee 37064

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APPENDIX PAGE 2

created by:



EXAMPLE LIGHTING FIXTURES
 These are typical acceptable/unacceptable lighting fixtures with respect to lighting for structures along Alabama's coast to protect Sea Turtle Nesting
 For guidance please contact:
 US Fish and Wildlife Service Alabama Field Office
 1208-B Main Street, Daphne, AL 36526 telephone (251) 441-5839

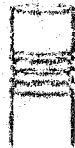


www.floridadepartmentofnaturalresources.org

ACCEPTABLE
ONLY WITH PROPER BULB(S)

UNACCEPTABLE

WALKWAY/PATH LIGHTING



Low Profile Bollards with Louvers



Globe Fixture



Unshielded Carriage



Wallpack



Acorn Fixture

STREET/PARKING LIGHTING



Full Cutoff Streetlight



Fully Shielded NEMA Light



Drop-Lens/Sag-Lens w/ exposed bulb



Unshielded Streetlight

ARCHITECTURAL LIGHTING



Recessed Can w/ baffles



'Yeild' Step Light



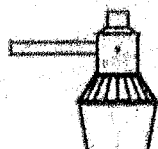
Nautical Wall Sconce



Floodlight



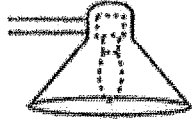
Canister Downlight



NEMA Security Light



Partially Shielded Floodlight



Downlight



Louvered Step Light



Shielded Security Light



Drop-Lens Canopy Light

Fixtures should have amber or red LED or LPS bulbs.

Table 7-1 Baldwin County Phase II MS4 MCM3
Construction Site Stormwater Runoff Control Strategies and Goals

NPDES Permit Section	SWMPP Section	7-Construction Site Stormwater Runoff Control Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-3a	7.4	Plan Review & Permitting Subdivision & Zoning Ordinance Erosion Control Sections	Within the County's MS4 Boundary, review subdivisions & zoning applications for compliance with the County's Erosion Control Ordinance & ADEM's NPDES General Construction Permit, track and submit data in annual SWMPP report	Sediment, Oils, Paints, & Trash	Hwy & P&Z
		Document/Form	Description		
		CBMPP Form	Lot Level CBMPP Form		
		CBMPP Minor Project Review	CBMPP Minor Project Technical Review in Citizen Serve Database		
		CBMPP Major Project Review	CBMPP Major Project Technical Review in Citizen Serve Database		
			Permit Acronyms		
			ARB-Arch Review Board, CSP-Commercial Site Plan		
			PF-Exemption Verification, SC-Subdivision Concurrent, SN-Sign,		
			ULD-Unzone Land Disturbance, ZLD Zoning Land Disturbance,		
			ZSP-Zoning Site Plan, ZSV-Zoning Verification		
		2022/2023	Reviews		
		Permit#	Address		
		ZSP22-000392	25360 COUNTY RD 83		
		ZSP22-000331	14760 County RD		
		ZSP22-000389	26346 Public Works RD		
		ZSP22-000321	17470 SCENIC HWY 98		
		ZSP22-000397	17985 SCENIC HWY 98		
		ZSP22-000359	11417 BRADFORD CT		
		ZSP22-000366	2281 ponce de leon CT		
		ZLD22-000008	10041 US HWY 31		
		PF22-000119	20580 BLUEBERRY LN		
		ZV22-000124	21621 Veranda Blvd		
		PF22-000121	27310 US Hwy 98		
		CSP22-000008	8188 WELL RD		
		ZV22-000130	31611 PLAZA DE TOROS DR S		

Table 7-1 Baldwin County Phase II MS4 MCM3
Construction Site Stormwater Runoff Control Strategies and Goals

Permit#	Address	
ZSP22-000410	11462 BRADFORD CT	
ZSP22-000427	933 SEA CLIFF DR	
ZSP22-000428	933 SEA CLIFF DR	
ZV22-000142	12550 Hilliard Jenkins Rd	
ZSP22-000666	16903 SCENIC HWY 98	
ZSP22-000475	32224 Terranova LOOP 25366 Profit Dr	
ZV22-000157	1539 U S HWY 98	
ZSP22-000502	6901 BEAVER CREEK DR	
ZV22-000163	13641 CO RD 66	
ZSP22-000521	32287 Terranova LOOP 25366 Profit Dr	
ZV22-000165	19521 GREENO RD	
ZSP22-000556	25663 RAVENWOOD CIR	
ZSP22-000547	13747 COUNTY RD 64	
ZSP22-000548	17260 SCENIC HWY 98	
ARB22-000012	17260 SCENIC HWY 98	
ZV22-000174	9715 MILTON JONES RD	
ZV22-000176	31611 PLAZA DE TOROS DR	
ZSP22-000559	33567 BOARDWALK DR	
ZV22-000179	51 S CHURCH ST	
ZV22-000184	8495 SPANISH FORT BLVD	
SN22-000010	10021 US HWY 31	
PF22-000154	34945 MAGNOLIA FARMS RD	
ZSP22-000593	35185 Blakely Oaks DR W	
ZV22-000194	2134 S HICKORY ST	
ZV22-000198	13641 CO RD 66	
PF22-000165	Point Clear	
ZSP22-000649	17129 Stillwood LN	
ZSP22-000655	7125 A GABLE ST	
PF22-000171	24437 MAIN ST	
ZV22-000204	10145 COUNTY RD 64	
ZSP22-000658	5648 LAKEWOOD DR	
ZV22-000205	23801 U S HWY 98	
ZV22-000210	19495 ORCHARD LN	

Table 7-1 Baldwin County Phase II MS4 MCM3
Construction Site Stormwater Runoff Control Strategies and Goals

Permit#	Address	
ZV22-000211	19160 HEARD RD	
ZV22-000212	17318 OAKWOOD TRL	
ZV22-000213	19521 Greeno RD	
ZSP22-000676	6780 BENDABOUT LN	
ZSP22-000702	15276 ELIZABETH DR	
ZSP22-000710	6871 BEAVER CREEK DR	
ZV22-000232		
ZV22-000233	22697 SIBLEY CIR	
PF22-000205		
ZV22-000243	19630 KIRKMAN LN	
ZV22-000245	18729 STATE HWY 181	
ZSP22-000760	5648 LAKEWOOD DR	
ZV22-000249	715 S MOBILE ST	
ZSP22-000763	27922 BAY BRANCH DR	
ZSP22-000778	10135 REBEL RD	
ZSP22-000789	8219 EDGEWOOD DR	
ZSP22-000836	31521 HEIDELBROOK LOOP	
ZV22-000273	18968 GREENO RD	
ZSP22-000857	27409 BRIGHTWAY	
ZSP22-000890	6780 BEAVER CREEK DR	
ZV22-000284	19283 -C SCENIC HWY 98	
ZSP22-000914	107 APPOMATOX DR	
ZV22-000288	6683 WILLOWBRIDGE DR	
ZSP22-000929	11 PATRICE	
ZSP22-000934	25837 AUSTIN RD	
ZV22-000295	23191 MAIN ST	
ZV22-000296	6290 PINE GROVE DR	
ZV22-000297	15587 SCENIC HWY 98	
ZV22-000303	22705 MAIN ST	
ZSP22-000984	111 CHARLOTTE CT	
ZSP22-000969	7633 LAKE BLVD	
ZV22-000310	17197 -A STILLWOOD LN	
ZSP22-001003	17692 HITCHINGPOST CIR	

Table 7-1 Baldwin County Phase II MS4 MCM3
Construction Site Stormwater Runoff Control Strategies and Goals

Permit#	Address	
ZLD22-000066	11411 WARRIE CREEK	
ZSP22-000977	6806 BORDEAUX LN	
ZSP22-000994	7468 LAKE BLVD	
ZV22-000328	6862 COUNTY RD 32	
ZV22-000338	19475 LIBERTY RD	
ZSP22-001025	6780 BEAVER CREEK DR	
ZSP22-001061	17161 TENNIS CLUB DR	
ZSP22-001044	23700 MAIN ST	
ZSP22-001056	17795 POLO RIDGE BLVD	
ZSP22-001055	17759 POLO RIDGE BLVD	
ZV22-000360	22341 MAIN ST	
PF22-000300		
ZSP22-001083	27861 COUNTY RD 66	
ZSP22-001116	15020 BLACK AND GRIFFIN RD	
ZSP22-001092	17316 CONFEDERATE REST RD	
ZV22-000365	19605 GREENO RD	
CSP22-000027	23764 US HWY 98	
ZV22-000369	6501 BEAVER CREEK DR	
ZV22-000375	29159 U S HWY 90	
PF22-000314	6823 county road 32	
CSP22-000026	24336 U S HWY 98	
ZV22-000380	10100 BAYHAVEN CIR	
ZV22-000381	23751 2ND ST	
ZV22-000382	6780 S WINDING BROOK DR	
ZV22-000385	19287 YOUNG ST	
CSP22-000029	10758 COUNTY RD 64	
ZV22-000393	24047 MAIN ST	
ZSP22-001161	25638 RAVENWOOD CIR	
ZV22-000396	10947 COUNTY RD 48	
ZV22-000402	7163 SANS SOUCI LN	
ZV22-000403	23823 MONTROSE WOODS DR	
CSP22-000030	18263 -B SCENIC HWY 98	
ZSP22-001175	10527 BELFOREST CEMETERY RD	

Table 7-1 Baldwin County Phase II MS4 MCM3
Construction Site Stormwater Runoff Control Strategies and Goals

Permit#	Address	
ZLD22-000084	18305 SCENIC HWY 98	
ZSP22-001178	13889 -A U S HWY 90	
ZSP22-001187	25055 FAIRFAX RD	
ZSP22-001198	10100 BAYHAVEN CIR	
ZV22-000425	17624 SCENIC HWY 98	
ZV22-000426	6735 JERRY JOHNSON LN	
ZSP22-001202	25974 ROYALTY DR	
ZSP22-001243	6390 SADDLE WOOD LN	
ZSP22-001242	28221 -A OAK ST	
ZSP22-001253	25909 CHAMBERLAIN CT	
ZSP22-001290	11411 WARRIE CREEK	
ULD22-000134		
CSP22-000039	14472 COUNTY RD 64	
ZSP22-001298	11371 ELYSIAN CIR	
PF22-000362	13106 HILLARD JENKINS RD	
ZV22-000460	9391 GAYFER RD	
ZSP22-001291	19273 -A SCENIC HWY 98	
SN22-000028	8534 WELL RD	
ZV22-000463	2200 U S HWY 98	
ZSP22-001309	9000 ALPINE CT	
ZV22-000468	19141 BOOTHE RD	
ZV22-000470	5676 BUERGER LN	
PF22-000366	9717 MALBIS LN	
ZSP22-001325	19273 -A SCENIC HWY 98	
ZV22-000480	13880 COUNTY RD 66	
ZV22-000481	451 MAGNOLIA AVE	
ZV22-000489	25883 FRIENDSHIP RD	
ZSP22-001349	24161 BAY SHORE DR	
ZV22-000496	23755 MONTROSE WOODS DR	
ZV22-000499	9810 TWIN BEECH RD	
ZSP22-001365	9810 TWIN BEECH RD	
ZSP22-001368	31490 HEIDELBROOK LOOP	
ZV22-000507	8635 GAYFER RD	

Table 7-1 Baldwin County Phase II MS4 MCM3
Construction Site Stormwater Runoff Control Strategies and Goals

Permit#	Address	
ULD22-000155		
ZV22-000512	26648 S HOLLEY ST	
ZV22-000515	10185 COUNTY RD 64	
ZSP22-001411	10764 WARRENTON RD	
ZV22-000532	25883 FRIENDSHIP RD	
ZSP22-001437	27552 BAY BRANCH DR	
SN22-000037	26050 STATE HWY 181	
SN22-000038	26050 STATE HWY 181	
SN22-000039	26050 STATE HWY 181	
SN22-000040	26050 STATE HWY 181	
SN22-000041	26050 STATE HWY 181	
ZSP22-001475	10145 COUNTY RD 64	
ZSP22-001495	17143 POLO RIDGE BLVD	
ZSP22-001501	21907 STATE HWY 181	
ZSP22-001502	9651 STAGECOACH CMRCL PK CIR	
ZSP22-001510	28811 DOGWOOD CT	
ZV22-000551	21875 -A STATE HWY 181	
ZV22-000556	13691 COUNTY RD 64	
ZV22-000558		
ZV23-000005	7376 WILKINS CREEK CT	
ZSP23-000013	7376 WILKINS CREEK CT	
CSP23-000001	9985 GAYFER RD	
PF23-000013	8067 OBAMA RD	
ZV23-000021	1715 MAIN ST	
ULD23-000007	11775 U S HWY 31	
ZV23-000031	26648 S HOLLEY ST	
ZV23-000038	9091 LAWSON RD	
CSP23-000006	9917 SPANISH FORT BLVD	
ZSP23-000168	9082 SCOTT RD	
ZV23-000044	10770 Gayfer rd	
ZV23-000048	9475 U S HWY 90	
ZV23-000050	13880 COUNTY RD 66	
ZV23-000053	9475 U S HWY 90	

Table 7-1 Baldwin County Phase II MS4 MCM3
Construction Site Stormwater Runoff Control Strategies and Goals

Permit#	Address	
ZV23-000062	13621 COUNTY RD 64	
ZV23-000064	6949 MCINTYRE ST	
ZV23-000071	9655 MILTON JONES RD	
ZSP23-000268	28033 BAY BRANCH DR	
ZV23-000075	51 S SECTION ST	
ZV23-000076	2101 US HIGHWAY 98 STE C, DAPHNE, AL 36526-4235	
ZSP23-000310	17143 POLO RIDGE BLVD	
ZV23-000082	10184 Eastern Shore Blvd Suite C	
ZSP23-000296	17129 STILLWOOD LN	
ZV23-000088	9475 U S HWY 90	
PF23-000071	7753 SIMMONS DR	
ZSP23-000311	9010 OLD MOBILE RD	

7.4.2

CBMPP

Form

Construction Best Management Practices Plan Form

Construction Best Management Practices (CBMP) are measures you take to reduce pollutants from leaving your site and causing impacts to local waterways and private and public property. The measures can include many steps; from site phasing to stabilized construction entrances. New state and local stormwater regulations require builders and developers to have Plans (CBMPP) that address site-specific BMPs. In order to acquire a land disturbance permit in Baldwin County, you will need to address the applicable BMPs listed in this brochure and any others needed to aid in preventing offsite impacts.

Your CBMPP submittal shall be this form along with your plot plan detailing, at a minimum, the best management practices listed below:

- 1. Please initial beside each item in the list below or write NA and explain why it's NA.**
- 2. Attach or draw your plot/site plan on the attached page.**

_____ This application is for a **portable storage building** or a **mobile home** where **no land disturbance** (grading, filling, or excavating) will occur. **Filling includes dirt brought in for the mobile home pad.** Since no land disturbance will occur a SCBMPP is not required and the remainder of the items are NOT APPLICABLE.

_____ The attached plan shows areas of disturbance including square feet/acreage. An effort will be made to minimize the amount of soil exposure during construction activity. If not applicable, please explain:

_____ The attached plan shows a stable construction entrances/exit to minimize off-site tracking of sediment from vehicles. If not applicable, please explain:

_____ The attached plan details and shows erosion and sediment control Best Management Practices (BMPs), silt fence, wattles, vegetation, etc. If not applicable, please explain:

_____ The attached plan shows proper onsite containment and disposal of all construction building materials, concrete washout, paint, trash, sanitary waste and any other solid waste or wash water created by myself the contractor and/or my subcontractors. If not applicable, please explain:

_____ All areas disturbed during construction (including any rights-of-way) disturbed shall be permanently stabilized prior to final inspection or issuance of a Certificate of Occupancy. If not applicable, please explain:

_____ I will inspect and maintain site BMPs, following every rain event. If not applicable, please explain:

By initialing beside the above listed items, I am acknowledging that this is an attachment to my Construction Best Management Plan and that I will implement, inspect, and maintain these practices.

Permittee Name (Print) _____ Permittee
Signature: _____

Date: _____



BALDWIN COUNTY, ALABAMA
Planning and Zoning Department

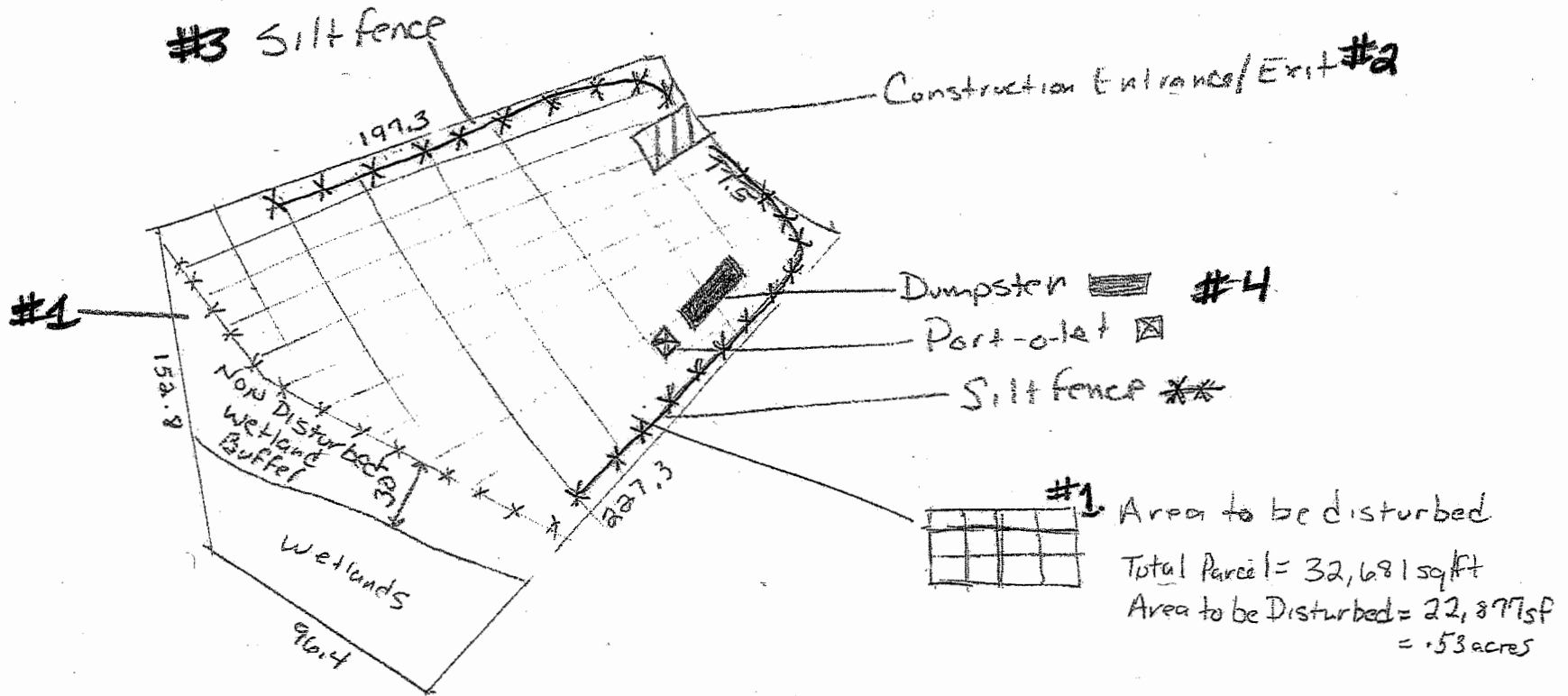
Draw your site plan with BMPs above. You can use the County's revenue map viewer at [Maps \(baldwincountyal.gov\)](https://maps.baldwincountyal.gov) for parcel dimensions.



BALDWIN COUNTY
ALABAMA
Planning and Zoning Department

Simplified CBMPP - Example

1. Save existing vegetation - Label area to be disturbed and list acreage or square feet to be disturbed.
2. Show construction entrance/exit
3. Show silt fence and other sediment controls
4. Show dumpster + port-a-let locations
5. Describe how disturbed areas will be permanently stabilized.
6. All BMPs will be inspected + maintained as needed.

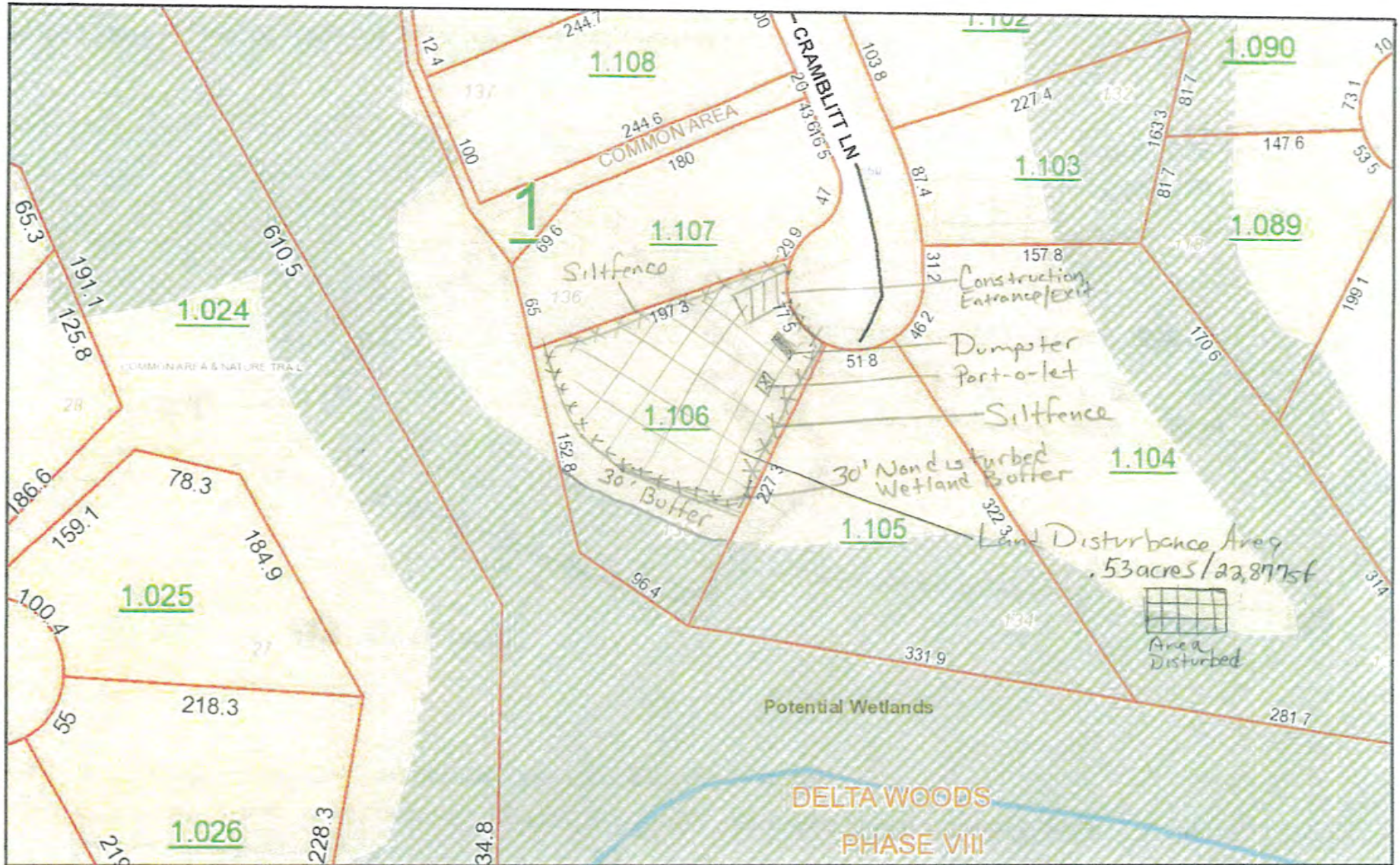


#6 All BMPs will be inspected + maintained.

#5 Permanent Stabilization will be achieved by sodding all disturbed areas.

Simplified CBMPP - Example

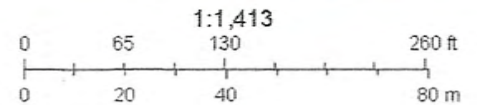
Viewer Map



June 21, 2022

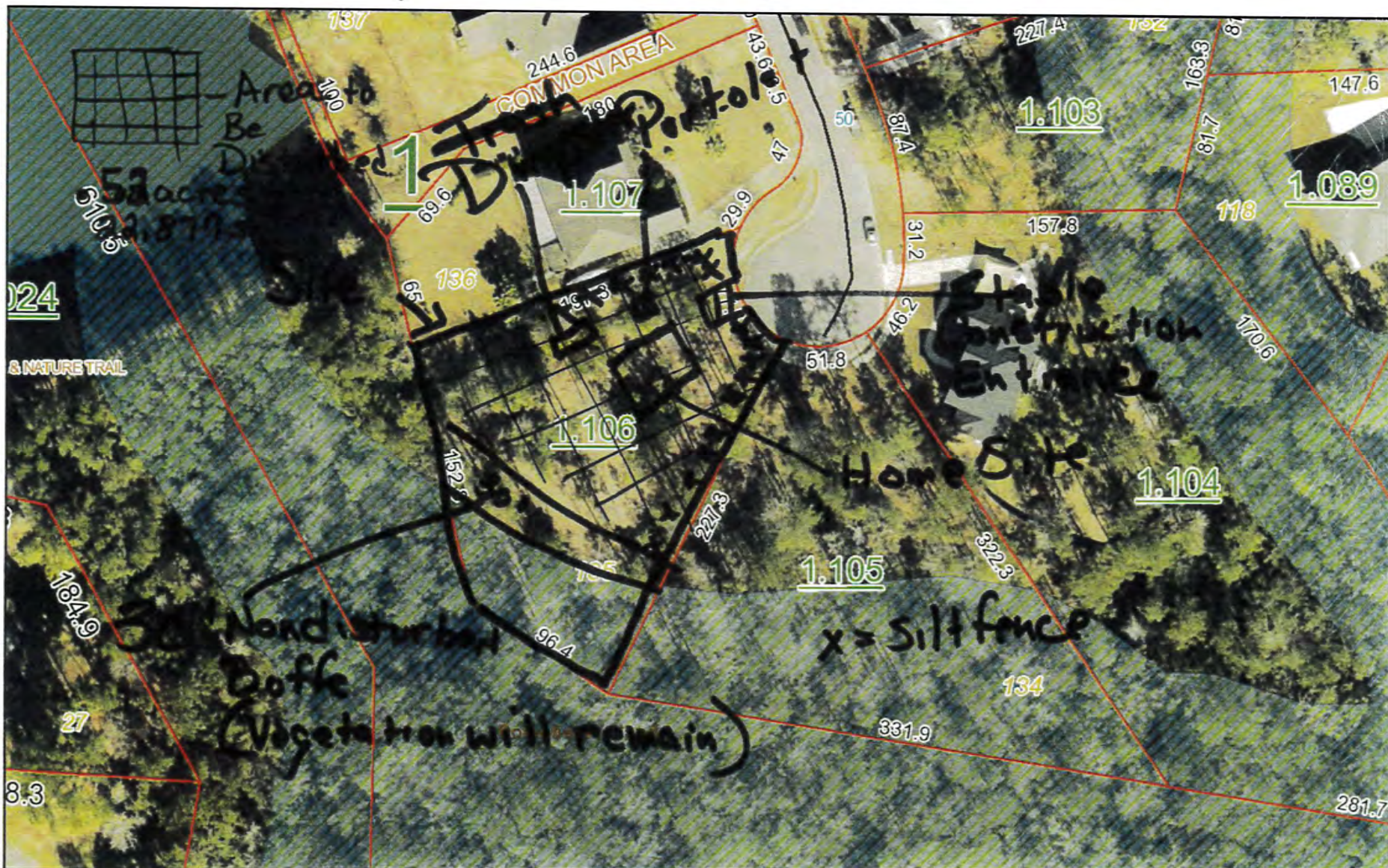
- | | | |
|-------------|----------------------|-----------------|
| Misc | Coastal Control Line | Conflicts |
| Parcels | Lot Lines | County Boundary |
| Centerlines | Potential Wetlands | |

- All disturbed areas will be sodded for permanent stabilization



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand),

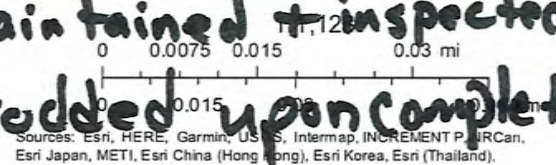
Example: Simplified Viewer Map CBMPP



June 17, 2022

- Misc
- Coastal Control Line
- Conflicts
- Parcels
- Lot Lines
- County Boundary
- Centerlines
- Potential Wetlands

- Bmps will be maintained + inspected
 - Site will be seeded upon completion



7.4.2

CBMPP

Minor Project Review

Citizen Serve Checklist



PERMIT PROJECT

FILE #: 22-002391

16236 FERRY RD FAIRHOPE AL 36532

REMOVAL OF DIRT

USACE AND ADEM VIOLATIONS. WORKING WITH ADEM TO TRY TO ADDRESS THIS ISSUE.



REVIEW INFORMATION

Department

Planning and Zoning Department



Activity Type

CBMPP - Minor Project Technical Review



Assign To



Permit #:

ULD22-000048 Removal of dirt ***US...



Created On

05/22/2023 by Ashley Campbell

Notes



DATES

Start Date

Due Date

Completion Date

Status



Step through each review item below. Add a new comment at the bottom of the page for each deficiency.

Are there any violations or special notes associated with this property?



Review instructions: (Violations)

*Check whether the exclamation mark (!) is in the upper right-hand corner of the screen. This indicates that an alert is associated with this parcel. Click on the (!) to determine the nature of the alert as there may be stop work order or some other violation discovered by any number of County Staff (building, solid waste, highway, P&Z). Though not required, feel free to contact the author of the alert to obtain additional background information if it may be helpful in your review.

* Section 13.12.7 (c) states "Fines for Working Without a Permit. The fine for working without a permit, when related to work for which a permit is attainable under this ordinance, will be double the normal fee that would have otherwise been required to obtain the permit for the land disturbance work."

Open the simplified CBMPP and confirm the following existing features are displayed:

- The relevant lot or parcel is sufficiently displayed and scaled on the CBMPP to perform a review?
- Existing primary structures and accessory structures are displayed to approximate scale?
- Existing driveways are displayed to approximate scale?
- Existing wooded areas are roughly displayed?

Review instructions: (CBMPP-Min)

*Parcel Area: Make sure the parcel is drawn such that you (or a future reviewer or code enforcement officer) can easily identify the property boundaries, that it appears to match the parcel as shown on GIS, and that it appears to be reasonably scaled (length-width ratios closely match what you see in GIS).

*Disturbance Area: Make sure it is shown on the plat with a label and the approximate dimensions of the disturbance area.

*Structures, Driveways, and Wooded Areas: Compare with aerial imagery in GIS or Google maps and make sure relevant structures, drives, and wooded areas are shown at close to the appropriate size and close to the appropriate location. Do not be picky about this unless it is going to somehow impact the review (e.g. they are showing silt fence going through a space where a building is located).

Is the area to be disturbed clearly shown and properly dimensioned?*Review instructions: (CBMPP-Min)*

*Make sure the disturbance area is shown on the plat with a label and the approximate dimensions of the disturbance area.

Was a wetland/stream delineation required for the project?*Review instructions: (CBMPP-Min & CBMPP-Maj)*

* If the disturbance area is within 50 feet of potential wetlands, a wetland delineation is generally required. However, if this was the case, a P&Z wetland review should have been performed during prescreen and a determination made about whether a delineation is required. Please check the results of the wetland review in the inspection tab.(Zoning Ordinance-Section 10.4.4(2))

Do non-jurisdictional wetlands or stormwater management areas exist on the site?

Review instructions: (CBMPP-Min)

* A 5-foot undisturbed buffer is required from all non-jurisdictional wetlands and existing stormwater management areas (Section 10.4.5). Review contours and historic imagery to evaluate whether these features exist on site. Examples include existing graded ponds, swales, ditches, etc. Ensure the the following label is included with the buffer ("5-Foot Natural Buffer").

* If the applicant is proposing to fill or alter a non-jurisdictional wetland or existing stormwater management area, the applicant must submit a letter from a professional engineer indicating that altering the feature will not negatively impact adjacent properties.

Is the proposed work within a recorded subdivision?**Review instructions: (CBMPP-Min & CBMPP-Maj)**

* Check the Revenue Department's legal description to see if it identifies the parcel as lot in a subdivision or includes a slide number. Typically, recorded subdivision plats will also be identified within the Baldwin County Tax Parcel Viewer by a "Slide" number labeled on or near the properties in question.

Are appropriate erosion and sediment controls displayed on the CBMPP?**Review instructions: (CBMPP-Min)**

*Every CBMPP will have some erosion or sediment control feature displayed to ensure that the disturbed land does not leave the site during a major rain event. Examples of erosion control measures might include silt fence, wattles, check dams, inlet protection, erosion control fabric, sodding, seeding, slope protection, vegetative buffers, etc. shall be shown on a site plan drawing. Look at the site, try to figure out how the water flows, and ensure that erosion and sediment control features are displayed that will filter and clean the water as it leaves the site.

- For most minor projects, properly installed silt fence, placed down stream of the land disturbance will be sufficient. Often, but not always, this will mean silt fence placed around the entire perimeter of the land disturbance.

- If the stormwater could discharge to a ditch with a slope greater than 3:1 then properly installed hay bales, wattles, or silt fence within the ditch may also be required.

Was a construction entrance with sufficient stabilization displayed on the CBMPP?**Review instructions: (CBMPP-Min)**

*Review the CBMPP drawing for the point where trucks, trailers, or equipment will access the site from the road to perform the land disturbance work. This access point should be labeled with "Construction Entrance", "Access Point", or similar label. When evaluating the construction entrance, note that the intensity of the project may not require a formalized construction entrance if an existing driveway is concrete or gravel. For example, if the proposed land disturbing project is relatively small so that trucks are not likely to track dirt/mud track out onto the streets, a construction entrance may not be required at all, or could be satisfied with a note or condition of approval on the CBMPP along the lines of "Construction entrance shall be stabilized with gravel, sod, or pine straw, if necessary, to avoid tracking of dirt/mud onto the roadway."

Are appropriate waste (trash, garbage, etc.) disposal areas displayed on the CBMPP?**Review instructions: (CBMPP-Min)**

*You will need to use common sense as the reviewer to anticipate what type of waste will be generated by this work and what type of trash containment will be required. For most minor land disturbance projects, the owner's residential waste cart will likely be sufficient to dispose of silt fence scraps, water bottles, and similar trash items.

Is the method for final stabilization displayed on the CBMPP?

Review instructions: (CBMPP-Min)

*Confirm that the CBMPP includes a note explaining how final stabilization will be accomplished after the land disturbance activity is complete. In most cases this stabilization will occur through sodding or seeding (with a non-temporary grass variety).

Are the restroom facilities for site construction workers displayed on the CBMPP?



Review instructions: (CBMPP-Min)

*For minor projects, our main objective is to raise awareness that some type of restroom facility must be available. The CBMPP will need to include a note indicating that a portable toilet will be placed at the site or that existing onsite facilities will be available to site construction workers. At the end of the day, we are not going to check behind them on this unless we receive a complaint that warrants our involvement.

Do any unique features of this site warrant additional review by the Natural Resource Planner, Highway Department, or another team member or agency?



NOTE TO REVIEWER: If minor deficiencies can be handled through a contingent approval, proceed with the contingent approval and be sure to list contingencies on the approved CBMPP site plan. For simplified CBMPPs, construction entrance, trash collection, final stabilization, and restroom facilities can be handle through contingency notes on the final approved CBMPP.

☰ REVIEW COMMENTS



#	STATUS	COMMENTS
---	--------	----------

7.4.2

CBMPP

Major Project Review
Citizen Serve Checklist



PERMIT PROJECT

FILE #: 22-002391

16236 FERRY RD FAIRHOPE AL 36532

REMOVAL OF DIRT

USACE AND ADEM VIOLATIONS. WORKING WITH ADEM TO TRY TO ADDRESS THIS ISSUE.



REVIEW INFORMATION

Department

Planning and Zoning Department



Activity Type

CBMPP - Major Project Review



Assign To



Permit #:

ULD22-000048 Removal of dirt ***US...



Created On

05/22/2023 by Ashley Campbell

Notes



DATES

Start Date

Due Date

Completion Date

Status



Step through each review item below. Add a new comment at the bottom of the page for each deficiency.

Are there any violations or special notes associated with this property?



Review instructions: (Violations)

*Check whether the exclamation mark (!) is in the upper right-hand corner of the screen. This indicates that an alert is associated with this parcel. Click on the (!) to determine the nature of the alert as there may be stop work order or some other violation discovered by any number of County Staff (building, solid waste, highway, P&Z). Though not required, feel free to contact the author of the alert to obtain additional background information if it may be helpful in your review.

* Section 13.12.7 (c) states "Fines for Working Without a Permit. The fine for working without a permit, when related to work for which a permit is attainable under this ordinance, will be double the normal fee that would have otherwise been required to obtain the permit for the land disturbance work."

Will the site land disturbance be greater than an acre?*Review instructions: (CBMPP-Maj)*

* Check whether the land disturbance is greater than an acre by measuring the area marked for disturbance on the site plan.

Did the application include a county or municipal government right-of-way permit?*Review instructions: (CBMPP-Maj)*

* Check whether the land disturbance will involve right of way work. If so, a copy of the site's right of way permit(s) is required. In some cases, there may be two separate jurisdictions with two separate permits. Do not accept an email stating it meets requirements for permit issuance. All areas disturbed in the right of way shall be sodded (Zoning Ordinance-Section 13.12.3 (k)).

Open the engineered CBMPP and confirm the following existing features are displayed:

- (a) Site boundaries, lot(s), etc.
- (b) All watercourses, ponds, and lakes (Note: jurisdictional streams, wetlands, etc., will be address futher later).
- (c) Floodplains and floodways.
- (d) Existing site conditions; wooded areas, grass, etc.
- (e) Soil types and erodibility.
- (f) Existing structures, roads, utilities, drainage improvements, and other improvements.
- (g) Proposed improvements (utilities, drainage improvements, buildings, etc.) **Not applicable for land disturbance permits.**
- (h) Existing and proposed rights-of-way or easements including location, widths, purposes, street widths and names, and recording information - S

Review instructions: (CBMPP-Maj)

* (a)&(b) The features will vary from site to site. Compare the submitted CBMPP with the Revenue Map to determine if any major features like a farm ditch or pond are missing. Make sure the features are displayed in similar size and scale to what is shown on the aerial imagery.

* (c) Check the Building Department Map Viewer for floodplains and floodways.

* (d) Every existing surface condition should be ascertainable from the CBMPP.

* (e) Soil types will generally be provided in a table on the CBMPP or with the inclusion of a soils map.

* (f) Verify as best you can using aerial photography.

* (g) A CBMPP that is part of a Land Disturbance Permit only should not include any proposed structural improvements (the only exception might be an outlet structure for a pond or similar structures not supporting a larger future project).

(Zoning Ordinance Section 13.12.5 (a)).

Open the engineered CBMPP and confirm the following BMP related items are displayed, to the detail necessary, on the sheet(s):

- 1-Confirm that the plan is stamped or signed by a licensed engineer or QCP.
- 2-Acreage or square feet to be disturbed for major project.
- 3-Any detention basins proposed during construction shall be designed to serve as a sediment basin during construction. **Not applicable for land disturbance permits.**
- 4-Debris/trash containment displayed & detailed in notes.
- 5-Onsite concrete, paint, washout areas displayed on plan.
- 6-Stable entrance/exit displayed and detailed in notes.
- 7-Dust controls detailed in notes.
- 8-Erosion and sediment controls displayed and detailed with a phasing plan.
- 9-Port-o-let or existing restroom facility for site construction workers displayed or detailed in notes.
- 10-If soil storage piles are shown on CBMPP, they shall be encircled by silt fence-detail in notes.
- 11-Thirteen (13) Day Rule detailed in notes.
- 12-Daily observation, routine and rain event inspections and maintenance of all BMPs detailed in notes.
- 13-All onsite and offsite areas disturbed during construction shall be permanently stabilized prior to final inspection/certificate of occupancy issuance shall be detailed in notes.

Review instructions: (CBMPP-Maj)

- * 1-Status of engineering license can be confirmed at Alabama Board of Eng. Website. (Zoning Ordinance-Section 13.12.2 (b)2).
- * 2- May be a note on the CBMPP and not necessarily part of a drawing call-out. (Zoning Ordinance-Section 13.12.5(b)1).
- * 3-Confirm that the notes detail that any detention basin used for post construction stormwater runoff will be installed in the first phase of construction and used during construction as a sediment basin (Zoning Ordinance-Section 13.12.5(b)11). **Not applicable for land disturbance permits.**
- * 4-Confirm that a dumpster is displayed on the site. If the site is residential, a note detailing the proper disposal of debris will be acceptable (Zoning Ordinance-Section 13.12.5(b)4).
- * 5-Usually displayed as a smaller square area and labeled as "Concrete Washout" or a note detailing that it will be provided but that the Contractor will be responsible for choosing the location. (Zoning Ordinance-Section 13.12.5(b)5). **Not applicable for land disturbance permits.**
- * 6-Confirm that a stable entrance/exit is shown and detailed on the plan. The exit must 50-feet long and 20-feet wide unless spatial limitation that does not allow. The exit pad shall have a minimum aggregate thickness of 6 inches and will usually be Alabama Highway Department coarse aggregate gradation No.1 or 57 stone. A non-woven geotextile fabric shall be placed underneath the aggregate. This is a typical detail; you should see it displayed on the plan as a drawing. If not, the entrance needs to be shown and described in the notes (Zoning Ordinance-Section 13.12.5(b)7).
- * 7-This can be a simple note that states that dust controls will be implemented if needed. For large subdivisions, a more detailed description shall include watering schedules and limited disturbance especially if the land disturbance is a large area near an existing subdivision or development (Zoning Ordinance-Section 13.12.5(b)8).

* 8-Confirm that erosion and sediment controls are shown and detailed on plan. Examples of erosion and sediment control measures might include silt fence, wattles, check dams, inlet protection, erosion control fabric, sodding, seeding, slope protection, vegetative buffers, etc. A phasing or sequencing note shall be detailed. This can be accomplished with a note stating that "All construction activities on a site should be conducted in a logical sequence so that the smallest practical area of land will be exposed for the shortest practical period of time during development." Or it can be more detailed as: "Phase 1-Limit clearing and grubbing of site to areas needed to install BMPs, Phase 2- Install BMPs, Phase-3, Inspect and maintained BMPs, Phase 4-Final grade and stabilization, Phase 5-Remove BMPs" (Zoning Ordinance Section 13.12.3 (c).

* 9-Confirm that a port-o-let is shown on the plan or a note regarding another option for the onsite restroom facility (Zoning Ordinance-Section 13.12.5(b)4).

* 10-If not shown, a note can be added to the note section to the same affect. (Zoning Ordinance-Section 13.12.5(b)13).

* 11-Confirm that a version of ADEM's 13-day rule is on the CBMPP: "Measures to be implemented on all areas not undergoing active disturbance or active construction and progressive construction for longer than thirteen (13) days to prevent/minimize erosion and ensure timely temporary vegetative cover and permanent revegetation or cover of all disturbed areas when disturbance is complete." The note can simply say, "Any areas left undisturbed for 13 days shall be temporarily stabilized." (Zoning Ordinance-Section 13.12.5(b)14)

* 12-Confirm that the notes section has a note regarding daily observation, routine, rain event inspections, and maintenance of all BMPs to be completed by the applicant (Zoning Ordinance-Section 13.12.6).

* 13-Confirm that the CBMPP includes a note explaining how final stabilization will be accomplished after the land disturbance activity is complete. In most cases this stabilization will occur through sodding. All onsite and offsite land disturbance shall be stabilized. If permanent seeding will be used, a permanent stand will need to be established by the final inspection (*1-13, Zoning Ordinance-Section 13.12.5 (b)16).

*** NOTE:** For details on BMP design, installation, inspection and maintenance, see the Alabama Handbook for Erosion Control, Sediment Control and Stormwater Management on Construction Sites and Urbanized Areas located here.

Was a wetland/stream delineation required for the project?



Review instructions: (CBMPP-Min & CBMPP-Maj)

* If the disturbance area is within 50 feet of potential wetlands, a wetland delineation is generally required. However, if this was the case, a P&Z wetland review should have been performed during prescreen and a determination made about whether a delineation is required. Please check the results of the wetland review in the Inspection tab.(Zoning Ordinance-Section 10.4.4(2))

Do non-jurisdictional wetlands or stormwater management areas exist on the site?



Review instructions: (CBMPP-Min)

* A 5-foot undisturbed buffer is required from all non-jurisdictional wetlands and existing stormwater management areas (Section 10.4.5). Review contours and historic imagery to evaluate whether these features exist on site. Examples include existing grady ponds, swales, ditches, etc. Ensure the the following label is included with the buffer ("5-Foot Natural Buffer").

* If the applicant is proposing to fill or alter a non-jurisdictional wetland or existing stormwater management area, the applicant must submit a letter from a professional engineer indicating that altering the feature will not negatively impact adjacent properties.

Will a variance be required due to proposed land disturbance within the required wetland, stream, or stormwater management buffer?



Review instructions: (ZLD-Min & CBMPP-Maj)

* Check Zoning Ordinance-Section 10.4.7 for exemptions to the variance requirements. If site does not meet one of the exemptions, then make sure the applicant has submitted the Notice of Action for the variance and all federal and state permits for the wetland and/or stream fill (if applicable). If not, stop the review and notify the applicant of the steps to be taken to acquire the variance.

Is the proposed work within a recorded subdivision?



Review instructions: (CBMPP-Min & CBMPP-Maj)

* Check the Revenue Department's legal description to see if it identifies the parcel as lot in a subdivision or includes a slide number. Typically, recorded subdivision plats will also be identified within the Baldwin County Tax Parcel Viewer by a "Slide" number labeled on or near the properties in question.

Do any unique features of this site warrant additional review by the Natural Resource Planner, Highway Department, or another team member or agency?



NOTE TO REVIEWER: If minor deficiencies can be handled through a contingent approval, proceed with the contingent approval and be sure to list contingencies on the approved CBMPP site plan. For simplified CBMPPs, construction entrance, trash collection, final stabilization, and restroom facilities can be handle through contingency notes on the final approved CBMPP.

☰ REVIEW COMMENTS



#	STATUS	COMMENTS
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PERMIT PROJECT
FILE #: 23-003394
10756 GAYFER RD FAIRHOPE AL 36532
REMOVING BRUSH AND PLACING SOD



PERMIT #: ZLD23-000045

Permit Type
Zoned Land Disturbance

Subtype
Zoned-Land Disturbance

Work Description:
Removing brush and placing sod

Applicant

Status
Approved

Valuation
0.00



FEES & PAYMENTS

Plan Check Fees 0.00

Permit Fees 25.55

Total Amount 25.55

Amount Paid 25.55

Balance Due 0.00

Non-Billable



PERMIT DATES

Application Date
04/17/2023

Approval Date
04/20/2023

Issue Date:
04/20/2023

Expiration Date:
10/20/2023

Close Date

04/20/2023

Last Inspection

Are you filling out the correct Permit? Answer the questions below to find out.

Are you performing any clearing, grading or excavating on the land and not planning on building a structure in the foreseeable future?

Yes



Great, you are in the correct permit application.

Are you ready to build a structure associated with this land disturbance activity?

No



Great, you are in the correct permit application

CONTACTS

Is the property owned by a LLC or Incorporation

No



Property Owner Contact Information

Current Property Owner Name(s) PZ

Property Owner Email Address PZ

Property Owner Phone Number PZ

Property Owner Mailing Address PZ

10756 Gayfer Rd Ext Fairhope, AL 35632

Is the name of the applicant also the name of the current property owner? - SE

Yes



Physical Address assigned by Baldwin County E-911 (include the city or town).

10756 Gayfer Rd Ext Fairhope, AL 35632

Please provide Parcel ID Number(s) in this format: 05-XX-XX-XX-X-XXX-XXX.XXX:- PZ

05-46-06-14-0-000-001.626

To obtain a Parcel Number, locate it on the property tax bill, contact the local Revenue Commissioner office, or search online (click this link). - PZ

Is the property located in Gulf Shores or Fort Morgan in District 25?

No

Is your property located on a waterway, creek, river, or bay?- PLD

No

Is the property in an existing subdivision? - PZ

Yes

Please provide the subdivision name

Haven Hill Sub

What is the lot # or unit # of the property?

1

Actual Lot Size (in acres)

.5

Approximate Lot Dimensions

166' x 150'

PROJECT INFORMATION

Type of Activity (Check all that apply. One checkbox is required.)

Filling

Grading

Excavating

Dredging

Land disturbing activities including clearing, grading, filling, removing stumps or excavation in a Territory with Probable Exposure to Flooding require a Land Disturbance Permit.- PLD

Is this a commercial or residential project? - LPD

Residential

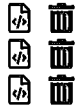


Please use the CBMPP Blank Form and upload it when completed (If land disturbance is greater than 1 acre on residential sites, a CBMPP prepared by a QCP or Civil Engineer will be required). View the Simplified CBMPP Example HERE - LPD

King (1).pdf

2F93988B-D88F-414A-AB36-D1453C327FDE.jpeg

E9016E0B-BDF9-48DD-8940-F25EB1BE1CB4.jpeg



A simplified CBMPP may be used unless the site is required to have an ADEM NPDES General Permit. A simplified CBMPP (Construction Best Management Practices Plan) explains the steps that you will take (such as silt fence, hay bales, trash containment locations, gravel construction access, restroom facilities and a final stabilization method, etc.) to minimize the amount of pollution and soil erosion that could leave the site and impact surrounding areas. The simplified plan can be a hand-drawn sketch labeling all of the following: 1. erosion control measures, 2. trash collection locations, 3. construction access drives, 4. restroom facilities and, 5. a final stabilization method of all onsite and offsite disturbed areas.

If fill material will be brought onsite, will the existing grade anywhere on the property be raised by more than two (2) feet? -

PLD

No



Will you be installing a living shoreline, bulkhead, pier or boat house?- LPD

No



Will you be disturbing more than an acre? - ZLD

No



Are there potential wetlands on your property? - ZSP

No



OTHER SUBMITTAL DOCUMENTS THAT MAY BE REQUIRED

NOTE: Documents marked with a red line must be uploaded before application can be submitted. Other documents may be deemed necessary and requested during the review of the application.

(Optional) Proof of Property Ownership (ex. Deed or Tax Bill)

Mortgage.PDF





Miscellaneous Documents



Paste Dropbox link below (for individual files that are more than 25MB)

I hereby certify that the information stated and submitted with this application is true and correct. I also understand that the submittal of incorrect information will result in the revocation of this permit and any work performed will be at the risk of the applicant. I understand further that any changes which vary from the approved plans will result in the requirement of a new Zoned Land Disturbance Plan Approval Application. Zoned Land Disturbance Permit Approvals are valid for a six (6) month period after date of issuance.

By checking this required box, I acknowledge agreement to the Terms of Service

***** FOR OFFICE USE ONLY BELOW THIS LINE *****

Did the applicant submit the correct permit?

Yes - ZONED LAND DISTURBANCE



Review instructions: (ZLD & ULD)

* First check if the property is zoned or unzoned.

- If unzoned, the correct application is an *UNZONED LAND DISTURBANCE*.

- If zoned, the correct application is an *ZONED LAND DISTURBANCE* **unless** the applicant is proposing to also build a structure.

If a structure is proposed, the correct application is a *ZONING - SITE PLAN APPROVAL*

Is the applicant required to obtain a permit?

Yes



Review instructions: (ZLD)

- * If the land disturbance is within the potential wetlands layer (see 13.12.2(a)(1)), Yes, permit is required.
- * If the land disturbance is within 30 feet of the potential wetlands layer and more than 25 sq ft of land disturbance (see 13.12.2(a)(2)), Yes, permit is required.
- * If the land disturbance is more than 30 feet from the potential wetlands layer and more than 500 sqft of land disturbance (see 13.12.2(a)(3)), Yes, permit is required.
- * Finally, even if you have received an answer YES above, if one of the following exemptions apply, no Land Disturbance Permit is required:
 - Emergency activity until the emergency is abated.(see 13.12.8.(a))
 - Surface mining or land fill operations permitted by ADEM (see 13.12.8(b))
 - Conservation and restoration projects in partnership with the federal, state, or local government. (see 13.12.8(e))
 - Agricultural activities as defined herein. (see 13.12.8(c))
 - Municipal, county, and state road construction and maintenance projects. (see 13.12.8(f))
 - Forestry land management practices. (see 13.12.8(g))

Is this part of a major project or part of a minor project?Minor Project ▼*Review instructions: (ZLD & ULD)*

- * First check if the land disturbance is greater than one acre.
 - If **YES**, then this will be a major project and will need to be assigned a major project technical review.
 - If the land disturbance is less than one acre but the project is in part of a "multifamily residential use, manufactured housing park, institutional use, professional service and office use, local commercial use, general commercial use, outdoor recreation use, marine recreation use, transportation, communication and utility use, light industrial use, or general industrial use" (see Art. 22 Definitions) then this will be a major project and will need to be assigned a major project technical review.
- * Minor projects should only include single family homes and accessory structures with land disturbance less than one acre in size or agricultural uses. (see Art. 22 Definitions)

Did the applicant upload responsive and legible required documents?Yes ▼*Review instructions: (ZLD & ULD)*

- * If an Agent Authorization Form was required (because the applicant was not the property owner), ensure that it was uploaded and legible.
 - * For a minor project, the applicant must upload a Simplified CBMPP which can be a simple hand-drawn sketch labeling erosion control measures, trash collection locations, construction access drives, etc.--ensure this has been uploaded and is legible.
 - * For a major project, a full CBMPP will be required, which should be a multi-page PDF document prepared by a QCP or Civil Engineer--ensure this has been uploaded and is legible.
 - * If more that 25 sf of land disturbance is proposed within 30 feet of potential wetlands, or more that 500 sf of land disturbance is proposed within 50 feet of potential wetlands, ensure the applicant has uploaded a legible Wetland Delineation.
- NOTE:* A document is considered responsive if it appears to be the document that is requested (e.g. they didn't upload a picture of their dog in place of a required wetland delineation). A document is considered legible if all text and notations on the document are easily readable.

Is the property owner's information correct and properly displayed in the CitizenServe file?Yes ▼*Review instructions: (ALL)*

- * Enter the provided parcel ID (PID) in GIS and confirm that the property in GIS matches the property displayed on the CBMPP or site plan.
- * Enter the provided parcel identification number (PIN) in GIS and confirm that the property in GIS matches the property displayed on the CBMPP or site plan.
- * Enter the provided property address in GIS and confirm that the property in GIS matches the property displayed on the CBMPP or site plan. If no address is assigned to the parcel, leave the property address field blank. **DO NOT ALLOW AN ALTERNATE ADDRESS TO BE PLACED IN THE PROPERTY ADDRESS FIELD.**
- * Enter the provided parcel identification number (PIN) in GIS and confirm that the property in GIS matches the property displayed on the CBMPP or site plan.
- * Finally, ensure that all of this information is correctly displaying in both the "Permit" and "File" associated with this property.

How many land disturbance activities will be performed?

1



Review instructions: (ZLD & ULD)

* The permit fee is determined by the number of land disturbance activities (\$25 per activity). Check the CBMPP to see what work is being done.

- **Filling.** Bringing any type of fill material (including gravel).
- **Grading.** Adding, removing, or rearranging of earthen materials to ensure a level base or specific slope.
- **Excavation.** Any mechanical removal of rock, sand, gravel, or other unconsolidated materials from a location. This also includes grubbing which is the shallow digging of surface soil, generally to clear away roots, stumps, and similar subsurface vegetation.
- **Dredging.** Removal of material from the bed of a waterbody, waterway, or wetland.

***** COLLECT INFORMATION BELOW FOR AUTO-GENERATED FORMS *****

Number of Activities (\$25 each)

1

If this application is a result from a violation or work without a permit please check box to apply double permit fees.

Residential/Commercial

Residential



Zoning Classification

RSF-2 Single Family District



Planning District

37: East/North Fairhope



Flood Zone 1

X



Flood Zone 2



Flood Zone 3



ARB

No



MS4

Yes



Comments (to be printed on applicant's generated document)



If items above are satisfactory, request payment of permit fee.

Check to Apply Credit Card Convenience Fee ONLY if customer is paying in the office by credit card.

*******RETIRED FIELDS (No Action Required)*******

Construction Best Management Practices Plan

Please attach your simplified CBMPP known as a Site Plan showing your Construction Best Management Practices (If land disturbance is greater than 1 acre in residential sites, a CBMPP prepared by a QCP or Civil Engineer is required)(**RETIRED FIELD**)- PLD

FEES

FEE	DESIGN	QUANTITY	AMOUNT	TOTAL
Land Disturbance Fee				25.00
Convenience Fee		1.0	0.5500	0.55
Plan Check Fees				0.00
Permit Fees				25.55
Total Fees				25.55

PAYMENTS

DATE	TYPE	REFERENCE	NOTE	RECEIPT #	RECEIVED FROM	AMOUNT
04/20/2023	Credit	M-4406572	ZLD2	3164	- Ori Kin	25.55
Amount Paid						25.55
Balance Due						0.00



PERMIT PROJECT

FILE #: 22-002391

16236 FERRY RD FAIRHOPE AL 36532

REMOVAL OF DIRT

USACE AND ADEM VIOLATIONS. WORKING WITH ADEM TO TRY TO ADDRESS THIS ISSUE.



PERMIT #: ULD22-000048

Permit Type

Unzoned Land Disturbance

Subtype

Unzoned Land Disturbance



Work Description:

Removal of dirt

USACE and ADEM Violations. Working with ADEM to try to address this issue.



Applicant



Status

Intake Review



Valuation

0.00



FEES & PAYMENTS

Plan Check Fees

0.00

Permit Fees

25.00

Total Amount

25.00

Amount Paid

0.00

Balance Due

25.00

Non-Billable



PERMIT DATES

Application Date

03/24/2022

Approval Date

Issue Date:

Expiration Date:

10/19/2022

Close Date

Last Inspection

Wetland Review on 04/19/2022

Are you filling out the correct Permit? Answer the question below to find out.

Is this property located in an unzoned district in Baldwin County?



To determine the answer to this question visit the Revenue Online Map Viewer extend the Baldwin County Data layer , then check the County Zoning .

CONTACTS

Is the property owned by a LLC or Incorporation

No



Property Owner Contact Information

Current Property Owner Name(s) PZ

Property Owner Email Address PZ

Property Owner Phone Number PZ

Property Owner Mailing Address PZ

P.O. Box 175 montrose al 36559

Is the name of the applicant also the name of the current property owner? - SE

Yes



Physical Address assigned by Baldwin County E-911 (include the city or town).

16236 ferry rd

Is the site parcel number the same as the information listed in the grey boxes above?

Yes



Please provide Parcel ID Number(s) in this format: 05-XX-XX-XX-X-XXX-XXX.XXX:- PZ

05-55-03-06-0-001-040.003

To obtain a Parcel Number, locate it on the property tax bill, contact the local Revenue Commissioner office, or search online (click this link). - PZ

Is your property located on a waterway, creek, river, or bay?- PLD

Yes

Is the property in an existing subdivision? - PZ

No

Actual Lot Size (in acres)

1

Approximate Lot Dimensions

75x600

PROJECT INFORMATION

Land disturbing activities including clearing, grading, filling, removing stumps or excavation in a Territory with Probable Exposure to Flooding require a Land Disturbance Permit.- PLD

Type of Activity (Check all that apply. One checkbox is required.)

Filling

Grading

Excavating

Dredging

Is this a commercial or residential project? - LPD

If fill material will be brought onsite, will the existing grade anywhere on the property be raised by more than two (2) feet? -

PLD

No

Will you be installing a living shoreline, bulkhead, pier or boat house?- LPD

No

Will you be disturbing more than an acre? - ZLD

No



Are there potential wetlands on your property? - ZSP

Yes



IF your site has already been delineated please attach your wetland delineation for your property for review.



The presence of the potential wetlands may trigger a review of the parcel and may result in the request of a wetlands delineation performed by a professional wetlands consultant- ULD/ZLD

Will you be doing any work within the jurisdictional wetland itself? - PLD

No



OTHER SUBMITTAL DOCUMENTS THAT MAY BE REQUIRED

NOTE: Documents marked with a red line must be uploaded before application can be submitted. Other documents may be deemed necessary and requested during the review of the application.

(Optional) Proof of Property Ownership (ex. Deed or Tax Bill)



Miscellaneous Documents



Paste Dropbox link below (for individual files that are more than 25MB)

I hereby certify that the information stated and submitted with this application is true and correct. I also understand that the submittal of incorrect information will result in the revocation of this permit and any work performed will be at the risk of the applicant. I understand further that any changes which vary from the approved plans will result in the requirement of a new Unzoned Land Disturbance Plan Approval Application. Unzoned Land Disturbance Permit Approvals are valid for a six (6) month period after date of issuance.

By checking this required box, I acknowledge agreement to the Terms of Service

***** FOR OFFICE USE ONLY BELOW THIS LINE *****

Did the applicant submit the correct permit?



Review instructions: (ZLD & ULD)

- * First check if the property is zoned or unzoned.
 - If unzoned, the correct application is an *UNZONED LAND DISTURBANCE*.
 - If zoned, the correct application is an *ZONED LAND DISTURBANCE* **unless** the applicant is proposing to also build a structure. If a structure is proposed, the correct application is a *ZONING - SITE PLAN APPROVAL*

Is the applicant required to obtain a permit?



Review instructions: (ULD)

- * If the land disturbance is within the potential wetlands layer (see 13.12.2(a)(1)), Yes, permit is required.
- * If the land disturbance is within 30 feet of the potential wetlands layer and more than 25 sq ft of land disturbance (see 13.12.2(a)(2)), Yes, permit is required.
- * If the land disturbance is more than 30 feet **but less than 50 feet** from potential wetlands layer and more than 500 sqft of land disturbance (see 13.12.2(a)(3)), Yes, permit is required.
- * Finally, even if you have received an answer YES above, if one of the following exemptions apply, no Land Disturbance Permit is required:
 - Emergency activity until the emergency is abated.(see 13.12.8.(a))
 - Surface mining or land fill operations permitted by ADEM (see 13.12.8(b))
 - Conservation and restoration projects in partnership with the federal, state, or local government. (see 13.12.8(e))
 - Agricultural activities as defined herein. (see 13.12.8(c))
 - Municipal, county, and state road construction and maintenance projects. (see 13.12.8(f))
 - Forestry land management practices. (see 13.12.8(g))

Is this part of a major project or part of a minor project?



Review instructions: (ZLD & ULD)

- * First check if the land disturbance is greater than one acre.
 - If **YES**, then this will be a major project and will need to be assigned a major project technical review.
 - If the land disturbance is less than one acre but the project is in part of a "multifamily residential use, manufactured housing park, institutional use, professional service and office use, local commercial use, general commercial use, outdoor recreation use, marine recreation use, transportation, communication and utility use, light industrial use, or general industrial use" (see Art. 22 Definitions) then this will be a major project and will need to be assigned a major project technical review.
- * Minor projects should only include single family homes and accessory structures with land disturbance less than one acre in size or agricultural uses. (see Art. 22 Definitions)

Did the applicant upload responsive and legible required documents?



Review instructions: (ZLD & ULD)

* If an Agent Authorization Form was required (because the applicant was not the property owner), ensure that it was uploaded and legible.

* For a minor project, the applicant must upload a Simplified CBMPP which can be a simple hand-drawn sketch labeling erosion control measures, trash collection locations, construction access drives, etc.--ensure this has been uploaded and is legible.

* For a major project, a full CBMPP will be required, which should be a multi-page PDF document prepared by a QCP or Civil Engineer--ensure this has been uploaded and is legible.

* If more that 25 sf of land disturbance is proposed within 30 feet of potential wetlands, or more that 500 sf of land disturbance is proposed within 50 feet of potential wetlands, ensure the applicant has uploaded a legible Wetland Delineation.

NOTE: A document is considered responsive if it appears to be the document that is requested (e.g. they didn't upload a picture of their dog in place of a required wetland delineation). A document is considered legible if all text and notations on the document are easily readable.

Is the property owner's information correct and properly displayed in the CitizenServe file?



Review instructions: (ALL)

* Enter the provided parcel ID (PID) in GIS and confirm that the property in GIS matches the property displayed on the CBMPP or site plan.

* Enter the provided parcel Identification number (PIN) in GIS and confirm that the property in GIS matches the property displayed on the CBMPP or site plan.

* Enter the provided property address in GIS and confirm that the property in GIS matches the property displayed on the CBMPP or site plan. If no address is assigned to the parcel, leave the property address field blank. **DO NOT ALLOW AN ALTERNATE ADDRESS TO BE PLACED IN THE PROPERTY ADDRESS FIELD.**

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* Finally, ensure that all of this information is correctly displaying in both the "Permit" and "File" associated with this property.

How many land disturbance activities will be performed?



Review instructions: (ZLD & ULD)

* The permit fee is determined by the number of land disturbance activities (\$25 per activity). Check the CBMPP to see what work is being done.

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- **Grading.** Adding, removing, or rearranging of earthen materials to ensure a level base or specific slope.

- **Excavation.** Any mechanical removal of rock, sand, gravel, or other unconsolidated materials from a location. This also includes grubbing which is the shallow digging of surface soil, generally to clear away roots, stumps, and similar subsurface vegetation.

- **Dredging.** Removal of material from the bed of a waterbody, waterway, or wetland.

***** COLLECT INFORMATION BELOW FOR AUTO-GENERATED FORMS *****

Number of Activities (\$25 each)

1

If this application is a result from a violation or work without a permit please check box to apply double permit fees.

Residential/Commercial

Residential



Zoning Classification



Planning District

14: County zoning has not been instituted



Flood Zone 1

AE



Flood Zone 2



Flood Zone 3



-Do not request payment until wetlands review has been complete.

-Please assign a wetlands review inspection to the unassigned activity queue and give a 5 days

-When requesting a wetlands review, please check the assign me a task or email when this activity is completed so that you are notified and can proceed with the review

ARB

No



MS4

No



Check to Apply Credit Card Convenience Fee ONLY if customer is paying in the office by credit card.

Comments (to be printed on applicant's generated document)

If items above are satisfactory, request payment of permit fee.

***** RETIRED FIELDS (No Action Required) *****

Construction Best Management Practices Plan



FEES



FEE	D	QUANTITY	AMOUNT	TOTAL
Unzoned Land Disturbance Fee				25.00
		Plan Check Fees		0.00
		Permit Fees		25.00
		Total Fees		25.00

PAYMENTS



DATE	TYPE	REFERENCE	NOTE	RECEIPT #	RECEIVED FROM	AMOUNT
					Amount Paid	0.00

Table 7-1 Baldwin County Phase II MS4 MCM3
Construction Site Stormwater Runoff Control Strategies and Goals

NPDES Permit Section	SWMPP Section	7-Construction Site Stormwater Runoff Control Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-3avi	7.6	Inspections	In years one through five within the County's MS4 boundary, inspect qualifying subdivision & zoned construction sites as per permit requirements.	Sediment, Oils, Paints, & Trash	Hwy & P&Z
2022/2023 MS4 Inspections					
Circle K Hwy 64/Hwy 181 - LD22-000025 & ZSP22-001132					
		Erosion Control Inspection Date	Inspector		
		5/1/2023	Rebecca Peacock		
		4/5/2023	Rebecca Peacock		
		3/30/2023	Rebecca Peacock		
		1/3/2023	Rebecca Peacock		
		12/2/2022	Rebecca Peacock		
Gayfer Storage Building - CSP23-000001					
		Erosion Control Inspection Date	Inspector		
		1/30/2023	Rebecca Peacock		
Wells Road Building- CSP22-000008					
		Erosion Control Inspection Date	Inspector		
		4/26/2023	Rebecca Peacock		
		3/27/2023	Rebecca Peacock		
		11/23/2022	Rebecca Peacock		
		10/6/2022	Rebecca Peacock		
		9/7/2022	Rebecca Peacock		
		7/21/2022	Rebecca Peacock		
		6/21/2022	Rebecca Peacock		

7.6

Inspection Example



PERMIT PROJECT
FILE #: 22-002599
8188 WELL RD DAPHNE AL 36526
BUILDING 1: NEW OFFICE BUILDING



INSPECTION TYPE	ASSIGNED 1	PERM	DUE	COMPLETED	STATUS	
Site Inspection	Rebecca Peacock	CSP22-000008				
Site Inspection	Rebecca Peacock	CSP22-000008	05/01/2023	04/26/2023	Not Approved	
Site Inspection	Rebecca Peacock	CSP22-000008	03/27/2023	03/27/2023	Not Approved: Reinspection Required	
Site Inspection	Rebecca Peacock	CSP22-000008	11/29/2022	11/23/2022	Complete	
Site Inspection	Ashley Campbell	CSP22-000008	10/06/2022	10/06/2022	Not Approved	
Site Inspection	Ashley Campbell	CSP22-000008	09/07/2022	09/07/2022	Complete	
Site Inspection	Ashley Campbell	CSP22-000008	07/21/2022	07/21/2022	Complete	
Site Inspection	Ashley Campbell	CSP22-000008	06/21/2022	06/21/2022	Not Approved	



PERMIT PROJECT
FILE #: 23-003635
8188 WELL RD DAPHNE AL 36526
NEW SHOP/WAREHOUSE BUILDING



FILE INFORMATION

Project Name

New shop/warehouse building

Type

Planning & Zoning



Status

Open



Open Date

04/24/2023

Close Date

Department

Planning and Zoning Department



Responsible User

DJ Hart



Priority

Normal



How Received



PROPERTY INFORMATION

Property Address

8188

WELL

RD



DAPHNE

AL

36526

Parcel #

05-43-05-16-0-000-028.006

Owner Name

Owner Address

PO BOX 1786

DAPHNE

AL

36526

Owner Phone

Legal Description

298S X 497S FR NW COR OF SW1/4 RUN S 30 AND E 780S TO PO\`r\nB TH E 298S TH S 497S TH



PERMIT PROJECT
 FILE #: 22-002599
 8188 WELL RD DAPHNE AL 36526
 BUILDING 1: NEW OFFICE BUILDING



INSPECTION INFORMATION

Department
 Planning and Zoning Department

Inspection Type
 Site Inspection

Assign To
 Rebecca Peacock

Permit #:
 CSP22-000008 Building 1:3750/new of...

Created On
 03/28/2023 by Rebecca Peacock

Notes
 4-26-23 Site inspection, photos taken. East side silt fence still has several holes in it and red sediment noted in the drainage area at the northeast corner discharge. RP



DATES

Start Date
 04/03/2023

Due Date
 05/01/2023

Completion Date
 04/26/2023

Status
 Not Approved

INSPECTION COMMENTS











#	COMMENTS
1	4-26-23 Site inspection, photos taken. East side silt fence still has several holes in it and red sediment noted in the drainage area at the northeast corner discharge. RP



PERMIT PROJECT
FILE #: 22-002599
8188 WELL RD DAPHNE AL 36526
BUILDING 1: NEW OFFICE BUILDING



SOUR	FILE NAME	PERM	CREA	CREA	SIZE	
	CE-Photos TimePhoto_20230426_105858.jpg	CSP22-00008	Rebecca Peacock	04/26/2023	4,550 KB	
	Fence along the north end look fixed.					
	CE-Photos TimePhoto_20230426_105937.jpg	CSP22-00008	Rebecca Peacock	04/26/2023	3,642 KB	
	Grass coming in around retention pond that is blocked off by hay bales.					
	CE-Photos TimePhoto_20230426_110022.jpg	CSP22-00008	Rebecca Peacock	04/26/2023	2,832 KB	
	No change in the fence as far as fixing the holes in the silt lining.					
	CE-Photos TimePhoto_20230426_110045.jpg	CSP22-00008	Rebecca Peacock	04/26/2023	5,035 KB	
	red sediment deposit leaving site at the northeast corner.					
	CE-Photos TimePhoto_20230327_105644.jpg	CSP22-00008	Rebecca Peacock	03/28/2023	4,183 KB	
	Sediment leaving property, East side					
	CE-Photos TimePhoto_20230327_105846.jpg	CSP22-00008	Rebecca Peacock	03/28/2023	3,672 KB	
	Holes cut in silt fence					
	CE-Photos TimePhoto_20230327_105900.jpg	CSP22-00008	Rebecca Peacock	03/28/2023	4,656 KB	
	near the pond					
	CE-Photos TimePhoto_20230327_105949.jpg	CSP22-00008	Rebecca Peacock	03/28/2023	4,167 KB	
	North side of property					



PERMIT PROJECT
FILE #: 22-002599
8188 WELL RD DAPHNE AL 36526
BUILDING 1: NEW OFFICE BUILDING



INSPECTION TYPE	ASSIGNED	PERM	DUE	COMPLETED	STATUS	
Site Inspection	Rebecca Peacock	CSP22-000008				
Site Inspection	Rebecca Peacock	CSP22-000008	05/01/2023	04/26/2023	Not Approved	
Site Inspection	Rebecca Peacock	CSP22-000008	03/27/2023	03/27/2023	Not Approved: Reinspection Required	
Site Inspection	Rebecca Peacock	CSP22-000008	11/29/2022	11/23/2022	Complete	
Site Inspection	Ashley Campbell	CSP22-000008	10/06/2022	10/06/2022	Not Approved	
Site Inspection	Ashley Campbell	CSP22-000008	09/07/2022	09/07/2022	Complete	
Site Inspection	Ashley Campbell	CSP22-000008	07/21/2022	07/21/2022	Complete	
Site Inspection	Ashley Campbell	CSP22-000008	06/21/2022	06/21/2022	Not Approved	

Table 7-1 Baldwin County Phase II MS4 MCM3 Construction Site Stormwater Runoff Control Strategies and Goals

NPDES Permit Section	SWMPP Section	7-Construction Site Stormwater Runoff Control Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-3a	7.6	Inspections	In years one through five track construction site inspections including enforcement actions, and complaints within the County's MS4 Boundary	Sediment, Oils, Paints, & Trash	Hwy & P&Z
2022/2023 MS4 Inspections					
Circle K Hwy 64/Hwy 181 - LD22-000025 & ZSP22-001132					
		Erosion Control Inspection Date	Inspector		
		5/1/2023	Rebecca Peacock		
		4/5/2023	Rebecca Peacock		
		3/30/2023	Rebecca Peacock		
		1/3/2023	Rebecca Peacock		
		12/2/2022	Rebecca Peacock		
Gayfer Storage Building - CSP23-000001					
		Erosion Control Inspection Date	Inspector		
		1/30/2023	Rebecca Peacock		
Wells Road Building- CSP22-000008					
		Erosion Control Inspection Date	Inspector		
		4/26/2023	Rebecca Peacock		
		3/27/2023	Rebecca Peacock		
		11/23/2022	Rebecca Peacock		
		10/6/2022	Rebecca Peacock		
		9/7/2022	Rebecca Peacock		
		7/21/2022	Rebecca Peacock		
		6/21/2022	Rebecca Peacock		
2022/2023 MS4 Complaints					
File #	Open/Closed		Brief Description		
21-005791	closed		Land Disturbance		
21-006782	closed		Erosion Control		
21-009624	closed		Storm Water		

Table 7-1 Baldwin County Phase II MS4 MCM3 Construction Site Stormwater Runoff Control Strategies and Goals

File #	Open/Closed	Brief Description
21-009005	closed	Flooding
21-005458-Example	Open	Wetland
22-003818	closed	Erosion Control
22-007014	closed	Erosion Control
22-007013	closed	Erosion Control
22-001045	closed	Land Disturbance
22-005278	closed	Erosion Control
22-005846	closed	Erosion Control
22-006688	closed	Storm Water
22-008119	closed	Illicit Discharge
22-005587	closed	Erosion Control
22-005071	closed	Erosion Control
22-006127	closed	Land Disturbance
22-009617	Open	Storm Water
22-009621	closed	Storm Water
23-004027	Open	Illicit Discharge
23-001048	Open	Wetland
23-004154	Open	Land Disturbance

7.6

Code Case (Complaints)
Examples

7.6

Code Case (Complaints)

Example 1

21-005458



CODE CASE
 FILE #: 21-005458
 6792 CEDAR FAIRHOPE AL 36532
 WETLAND COMPLAINT

Example 1



FILE INFORMATION

Complaint Description
Wetland Complaint

Type
Code Enforcement

Status
Open

Open Date
06/29/2021

Close Date

Department
Planning and Zoning Department

Responsible User
Robert Brown

Priority
Normal

How Received
Phone

PROPERTY INFORMATION

Property Address
6792 CEDAR FAIRHOPE AL 36532

Parcel #
05-43-09-31-0-000-005.000

Owner Name

Owner Address
P O BOX 12812

PENSACOLA FL 32591

Owner Phone

Legal Description
157(S) X 92.9 IRR MONTROSE-PT LOTS 25 & 26 DESC AS FOLLOWS

NOTICE OF ZONING VIOLATION

Baldwin County Planning and Zoning Department

Certified Mail

Date of Notice September 01, 2021

P O BOX 12812
PENSACOLA, FL 32591

SUBJECT: Case# 21-005458

YOU ARE HEREBY NOTIFIED THAT:

Pursuant to the Baldwin County Zoning Ordinance, Sec. 21.3, notice is hereby given that you are in **violation** of the *Baldwin County Zoning Ordinance*.

LOCATION OF VIOLATION:

The subject property is situated in Planning District 22, and is zoned RSF-1 Single Family District, and is located at:

Street Address: 6792 CEDAR RUN
MONTROSE, AL

Tax Parcel: 05-43-09-31-0-000-005.000

Date of Inspection: 08/30/2021

NATURE OF VIOLATION:

All erosion control measures shall be maintained throughout the course of the construction or until the growth of vegetation has made them unnecessary. If silt fence is temporarily removed to allow access to a portion of the site it shall be re-installed at the end of the work day. The applicant is responsible for the maintenance of all erosion control measures.

Baldwin County Zoning Ordinance

Article XVIII Administration

Section 180.1 Administration, Interpretation and Enforcement

Section 18.2 Land Use Certificates

18.2.1 Authorization. A land use certificate shall be obtained from the Zoning Administrator prior to the commencement of development and issuance of any building permit including electrical, HVAC and plumbing permits.

ENFORCEMENT PENALTIES:

Failure to comply within the time specified above will subject you to penalties in accordance with Sec. 21.3 and Sec. 21.4 of the *Baldwin County Zoning Ordinances*

21.3.8 Fines. Any person(s) violating any of the provisions herein shall be fined not more than \$150.00 for each separate violation, plus all costs of court, with each day such violation continues constituting a separate violation. The fines provided for herein shall commence and accrue upon receipt of the Notice of Violation or the expiration of the allowed period for correction, whichever is later. Said fines shall continue to accrue until paid, but shall not accrue on days during which the violation is properly on appeal.

If you believe the activities or conditions described above are not in violation of the *Baldwin County Zoning Regulations*, you may provide supporting documentation or other materials to the Planning and Zoning Department at 312 Courthouse Square, Bay Minette, Alabama, 36507, within 7 days of receipt of this notice.

- Please note: This determination may be appealed to the respective Board of Adjustment where the alleged violation occurred. Appeals shall be filed within (15) fifteen days of the Date of this Notice of Violation on forms provided by the Planning and Zoning Department. Appeals are deemed filed with a Board of Adjustment when received by the respective Board Chairman at the following address:
- 22251 Palmer Street, Robertsdale, Alabama 36567
- Appeal forms are available at the Planning and Zoning Department in Robertsdale, the Foley Satellite Courthouse, or at the County website at the following address: www.planning.co.baldwin.al.us. Copies of the Baldwin County Zoning Ordinance are also available at the Foley Satellite Courthouse.

Sincerely,

Ashley Campbell
Code Enforcement Officer

cc: Matthew Brown, P.E., Interim Planning Director



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, MOBILE DISTRICT
P.O. BOX 2288
MOBILE, ALABAMA 36628-0001

7017 3040 0000 2487 1240
Certified Mail

July 26, 2021

South Alabama Branch
Regulatory Division

SUBJECT: Department of the Army Notice of Potential Violation, File Number
SAM-2021-00749-ES, John T. Allen III, Mobile Bay

Email Address:
P.O. Box 12812
Pensacola, Florida 32591

Dear Mr. . . .

This letter is a Department of the Army (DA) Notice of Potential Violation pertaining to the possible unauthorized discharge of fill material into waters of the United States, including wetlands. This matter has been assigned file number SAM-2021-00749-ES, which should be referred to in any future correspondence with this office concerning this matter. The activities are located at 6792 Cedar Run; within Section 31, Township 5 South, Range 2 East; at Latitude 30.574394° North, Longitude 87.906388° West; in Fairhope, Baldwin County, Alabama.

Based upon photographs submitted to this office and review of aerial imagery and elevation data (enclosed), it appears the unauthorized activities include the placement of fill material into a stream and adjacent nontidal wetlands which drain to Mobile Bay. Section 404 of the Clean Water Act requires that a DA permit be obtained for the placement or discharge of dredged and/or fill material into waters of the United States, including wetlands, prior to conducting the work (33 U.S.C. § 1344). Mobile Bay and the subject stream and wetlands are waters of the United States.

The activities described above may have required authorization under the above referenced federal law, and we have reviewed our records and found no evidence that a DA permit was obtained for the activities. We are currently conducting an investigation to determine the appropriate course of action to be taken in this matter. To ensure all pertinent information is available for our evaluation and is included in the public record, you should provide any information which you believe should be considered. However, as a minimum, you shall provide the following information:

- a. Describe the purpose of the work and your involvement with this site;
- b. Provide the approximate dates of commencement and completion for the work;

- c. Identify the contractor(s) who placed fill, and provide contact information;
- d. Provide a wetland delineation for your parcel, performed by a qualified wetland professional, that identifies the total acreage of wetland/stream fill;
- e. Provide the volume (cubic yards) of material placed on your parcel;
- f. Provide as-built drawings (both Plan View and Profile or Cross-Section View) of fill placed on your parcel and within wetlands;
- g. Please include any other information you wish to provide concerning the circumstances or history of the activity.

Nothing in this letter shall be construed as excusing you from compliance with other federal, state, or local statutes, ordinances, or regulations that may affect this work.

We are furnishing electronic copies of this letter to the following agencies in order to solicit their views concerning resolution of this matter. The Alabama Department of Environmental Management, Mobile Branch / Coastal Section, Attention: Mr. Scott Brown, at coastal@adem.alabama.gov; the Baldwin County Building Department, Attention: Mr. Eddie Harper at Eddie.Harper@baldwincountyal.gov; and the Baldwin County Planning and Zoning Department, Code Enforcement Officer, Attention: Mr. Joe Ryan, at JRYAN@co.baldwin.al.us, and Natural Resource Planner, Attention: Ms. Ashley Campbell, at ashley.campbell@baldwincountyal.gov.

You must acknowledge, in writing, within 15 calendar days from the date of receipt of this letter your involvement with this work and your intention concerning resolution of this matter. Please contact Ms. Elizabeth Hamilton at (251) 694-3781 or by email at Elizabeth.A.Seavoy@usace.army.mil if you have any questions regarding this letter.

Sincerely,



Digitally signed by S. Brad
Crosson
Date: 2021.07.26 13:34:24
-05'00'

S. Brad Crosson
Team Leader
South Alabama Branch
Regulatory Division

Enclosures



SITE

Daphne

Montrose

Fairhope

Fairhope Ave

Fairhope Ave

US Highway 98

State Highway 104

181

181

42

42

104

104

104

Main St

N Section St

Life St

mo Rd S

Rock Creek

Fly Creek

Fly Creek

Picard Branch

Rockhead Branch

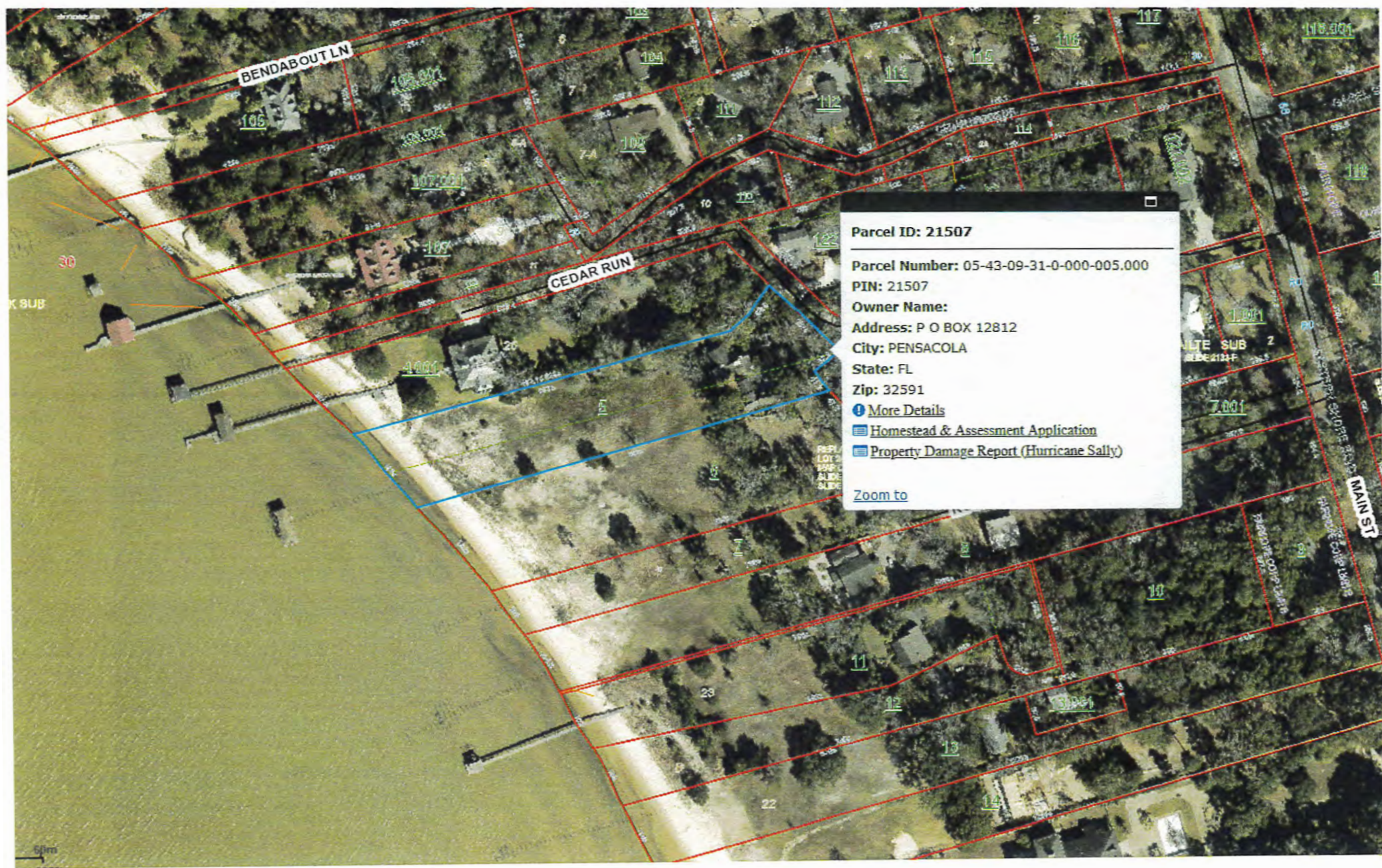
Pensacola Branch

Yallock Branch

Rock Creek

Cou

88



BENDABOUT LN

CEDAR RUN

MAIN ST

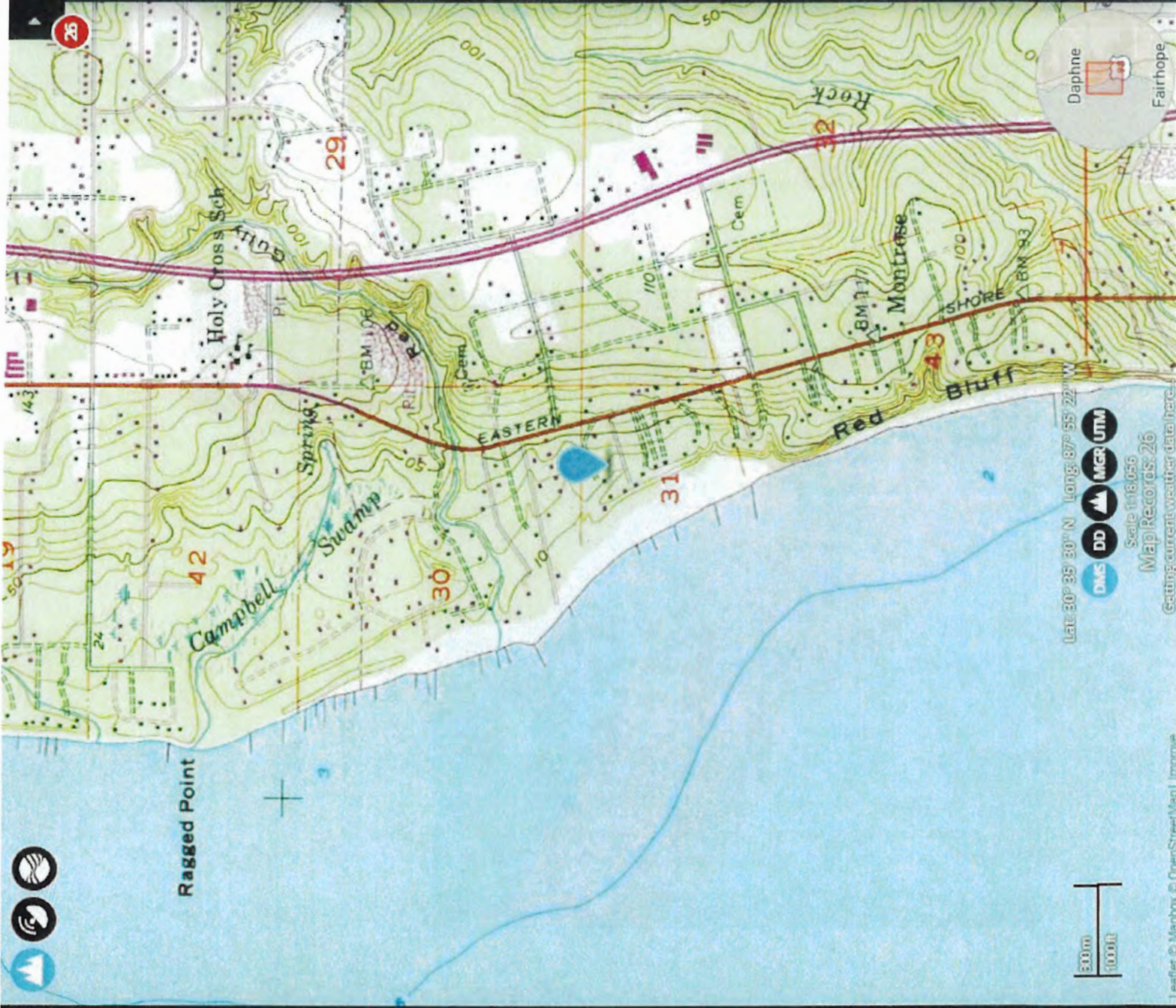
Parcel ID: 21507

Parcel Number: 05-43-09-31-0-000-005.000
PIN: 21507
Owner Name:
Address: P O BOX 12812
City: PENSACOLA
State: FL
Zip: 32591

[More Details](#)
[Homestead & Assessment Application](#)
[Property Damage Report \(Hurricane Sally\)](#)

[Zoom to](#)

50m



Lat: 30° 35' 30" N Long: 87° 55' 22" W
 Scale 1:18,056
 Map Records: 26
 Getting current weather data here.

Location Map Name

6792 Cedar Run, Fairhope, A...



- All
- 256K
- 100K
- 63K
- 24K
- HTMC LIST
- All

26 maps here | Scale: All, Date: 1880-2021, Series: All
 Elevation @ 30,574, -87.905 is 30 ft. (9 m)

Filter records

- 1953 (HTMC, 1954 ed.) Scale 1:24000
- Daphne, AL
- 1953 (HTMC, 1954 ed.) Scale 1:24000
- Daphne, AL
- 1953 (HTMC, 1968 ed.) Scale 1:24000
- Daphne, AL
- 1953 (HTMC, 1975 ed.) Scale 1:24000
- Daphne, AL
- 1953 (HTMC, 1983 ed.) Scale 1:24000

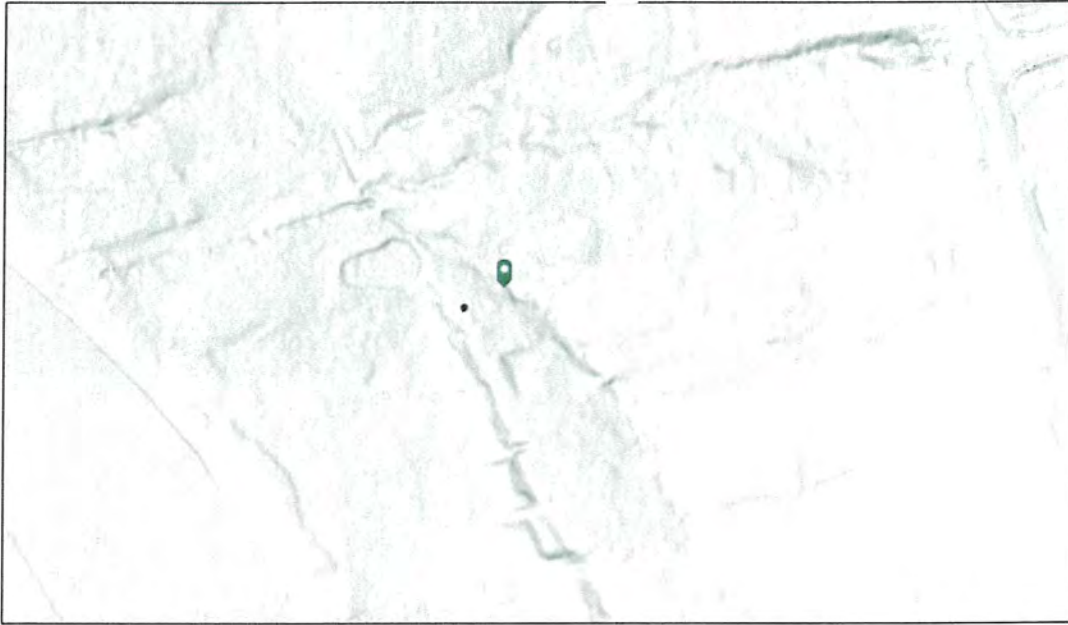
- JPEG (3 MB)
- KMZ (2 MB)
- GeoTiff (9 MB)
- GeoPDF (16 MB)

- HIDE
- INFO
- ZOOM
- PAN

MAP TRANSPARENCY

- Pensacola, FL
- 1957 (HTMC, 1967 ed.) Scale 1:250000
- Pensacola, FL
- 1957 (HTMC, 1973 ed.) Scale 1:250000
- Pensacola, FL
- 1957 (HTMC, 1979 ed.) Scale 1:250000
- Pensacola, FL
- 1959 (HTMC, 1959 ed.) Scale 1:250000
- Pensacola, FL

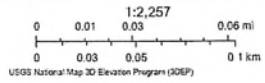
SAM-2021-00749-ES //



7/19/2021, 12:00:30 PM

3DEP Elevation - Multi-Directional Hillshade

High : 255



National Regulatory Viewer - South Atlantic Division Viewers

Alabama Regulatory Viewer | IFC | DigitalGlobe | USGS Stream Stats

Alabama | Florida | Georgia | Mississippi | North Carolina | Puerto Rico and U.S. Virgin Islands | South Carolina | Cumulative Impacts | Field Data

Find address or place

Legend

3DEP Digital Elevation Model (DEM)

High: 2922.473

Low: -20.304

A screenshot of the National Regulatory Viewer interface. The interface includes a navigation toolbar on the left with zoom in (+), zoom out (-), home, and other icons. A search bar is at the top left. The main map area shows a 3D Digital Elevation Model (DEM) of a coastal area, with a green marker and a black dot. A legend on the right indicates the elevation range from -20.304 to 2922.473. The interface also includes a top navigation bar with state and region tabs, and a bottom status bar.







From: Ashley.Campbell@baldwincountyal.gov
Sent: 07/16/2021 - 02:33 PM
To: Elizabeth.A.Hamilton@usace.army.mil,Ashley.Campbell@baldwincountyal.gov
CC:
Subject: Online Message Reply from Baldwin County-6792 Cedar Run Montrose

Attachments:

image.jpg

image.jpg

image.jpg

Elizabeth

I re-inspected the site yesterday. I have attached a few more photos.

Let me know if you would like to meet onsite.

Thanks, Ashley



BALDWIN COUNTY
ALABAMA

ONLINE MESSAGE REPLY

Permit Number:

Type:

Applicant:

Application Date:

Address: 6792 CEDAR

Description:

Your Online Message:

Reinspection of site. No BMPs noted on site.

Onsite erosion leading to offsite impacts to small stream. Photos taken.

USACE contacted regarding site. Left message.

Reply to Your Message:

[CLICK HERE TO VIEW YOUR APPLICATION](#)

Rebecca Peacock

From: Ashley Campbell
Sent: Monday, October 11, 2021 2:17 PM
To: Brenda Brock; Paula Bonner; Linda Lee
Cc: Orie King
Subject: FW: Revised Site Depictions -

6792 Cedar Run Update

From: Elizabeth A Hamilton
Sent: Wednesday, October 6, 2021 2:57 PM
To: Hamilton, Elizabeth A CIV USARMY CESAM (USA) <Elizabeth.A.Hamilton@usace.army.mil>
Cc: Ashley Campbell <Ashley.Campbell@baldwincountyal.gov>; ; ADEM - Mobile
Branch / Coastal Section <coastal@adem.alabama.gov>
Subject: Re: Revised Site Depictions - .

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

Afternoon Elizabeth

I appreciate the follow up on this and especially the Eagle View depictions. I'll begin to recalculate the impacts based on your attachments.

I have spoken with Mr. [redacted] about your findings and we are going to revisit the site further assess pre-project impacts versus current impacts. Afterwards, I will follow up with you accordingly.

Thanks

On Wed, Oct 6, 2021, 1:31 PM Hamilton, Elizabeth A CIV USARMY CESAM (USA) <Elizabeth.A.Hamilton@usace.army.mil> wrote:

Hi ?

The new design/format of the plans are fine; however, based on the attached site photos, historic imagery, and the dimensions you provided in your plans, there seems to be more fill in the stream and wetlands than indicated. I know that you only became involved after the activity had occurred and therefore didn't have knowledge of the driveway's pre-disturbance dimensions, but it can be seen in the attached 2013 Eagle View imagery and 2011 Street View imagery obtained from Google Earth Pro. The images show a single-lane access drive, only wide enough to accommodate one vehicle. Based on desktop resources, I've estimated that the pre-disturbance driveway was no more than 12- to 14-foot-wide at the crossing, much narrower than the 124-foot-wide footprint of new culvert and fill indicated in the plan dimensions and shown in the attached photos.

Considering the above, we will not be able to move forward until we have an accurate representation of the impacts and Mr. [redacted] proposal on how he plans to amend the situation. If he intends to retain the fill in it's current footprint,

plans will need to show the footprint of the previous 12- to 14-foot-wide driveway, overlaid with the current fill and culvert footprint (with dimensions). This information will be used to determine which after-the-fact permit is appropriate to review the work under and calculate potential stream and wetland mitigation requirements. If he plans to remove some of the fill, to minimize impacts and decrease potential mitigation costs, plans will need to show those proposed dimensions.

Additionally, it should be noted that Mr. [redacted] project area is within close proximity to documented historic properties. Once we receive the updated plans, we will be coordinating the project with the USACE archaeologist for review and effects recommendation.

Please let me know if you have any other questions.

Respectfully,

Elizabeth A. Hamilton
U.S. Army Corps of Engineers
Project Manager
Mobile District, Regulatory Division
South Alabama Branch
Elizabeth.A.Hamilton@usace.army.mil

-----Original Message-----

From: [redacted]
Sent: Wednesday, September 29, 2021 7:35 AM
To: Hamilton, Elizabeth A CIV USARMY CESAM (USA) <Elizabeth.A.Hamilton@usace.army.mil>
Subject: [Non-DoD Source] Revised Site Depictions -

Good Morning Elizabeth

Per your request please see the attached (forgive us for the limited capability we have with AutoCAD Lite)

Plan View Revision shows reveals 124'x4' of culverted pipe installed to replace the old pipe in its pre-project location. The stream width was 4ft average top width. The wetland fringes are .003 and .002 and are representative of the pics I have sent showing boundaries where the stream enters and exits the property.

Plat Map w/ Designations shows the actual culverted crossing which is closer to the front of the property as you turn off Cedar Run. Looking at the contours, I initially thought the same thing as you but that area is closer to the "Bluff" line which is just above the flood plain and where he plans to build his home.

I hope we are good. Please advise soon as you have a chance to review the recent submittals.



Baldwin County Commission

Department of Planning & Zoning

22251 Palmer St, Robertsedale AL, 36567

Phone: (251)580-1655

Email: planning@baldwincountyal.gov

NOTICE OF ZONING VIOLATION

Property Owner:

Date of Notice: **February 23, 2023**

Owner's Address: P.O. Box 12812
Pensacola, FL 32591

File Number: **21-005458**

YOU ARE HEREBY NOTIFIED THAT:

Pursuant to the Baldwin County Zoning Ordinance, Sec. 21.3, notice is hereby given that you are in **violation** of the *Baldwin County Zoning Ordinances*.

LOCATION OF VIOLATION:

The subject property is situated in Planning District 16, zoned RSF-1, Single Family District, and is located at:

Street Address: **6792 Cedar
Fairhope, AL 36532**

Tax Parcel #: **05-43-09-31-0-000-005.000**

Inspection Date: **January 19, 2023**

NATURE OF VIOLATION:

BMP's (Best Management Practice) are not being maintained resulting in onsite erosion which is leading to sediment impacts to onsite and offsite jurisdictional wetlands and streams.

CORRECTIVE ACTION:

Submit an updated CBMPP (Construction Best Management Practice Plan) within 15 days of receipt of this notice. You can find the application at the Baldwin County website (<https://www.baldwincountyal.gov/citizenserve-portal>). If you have any questions, you may call 251-580-1655.

Article 13 Design Standards

Section 13.12 Construction Best Management Practices

13.12.1 *Purpose and Intent.* It is the purpose of this ordinance to further the maintenance of safe and healthful conditions, prevent and control water pollution, prevent and control soil erosion, protect spawning grounds, protect fish and aquatic life, control building sites, control placement of structures and land uses, preserve ground cover and scenic beauty, and promote sound economic growth. This will be done by minimizing the amount of sediment and other pollutants carried by runoff or discharged from land disturbing construction activity.

13.12.2 *Permit Requirements*

(a) A permit for land disturbance shall be required for:

1. Any land disturbance of greater than 500 square feet of land area on a single site; or
2. Any land disturbance greater than twenty-five (25) square feet within the 30-foot wetland or stream setback provided in Section 10.4.4, or any land disturbance in a wetland or stream setback that results in pollution impacts to the adjacent wetland or waterway; or
3. Any land disturbance, no matter the area, within a Jurisdictional Wetland.

No person, firm, business, or corporation shall engage in any land disturbing activity prior to obtaining a land disturbance permit from the Baldwin County Planning & Zoning Department. A Site Plan Approval, when required, may be used in lieu of a land disturbance permit and shall comply with the requirements set forth in this section.

(b) All applications for land disturbance permits shall be accompanied by a Construction Best Management Practices Plan (CBMPP) as follows:

1. Minor Projects—a simplified CBMPP, unless the site is required to have ADEM NPDES General Permit. A simplified CBMPP explains the steps you will take (such as silt fence, trash containment, hay bales, gravel construction access, etc) to minimize the amount of pollution and soil erosion that could leave the site and impact surrounding areas. The simplified plan can consist of a hand-drawn sketch labeling erosion control measures, trash collection locations, construction access drives, etc.
2. Major Projects—a CBMPP prepared by a QCP or Civil Engineer.

(c) Length of Permit Validity. In the event that the land disturbing activities are not started within six (6) months and /or the land disturbance work is not completed within two (2) years from the date of the permit issuance, said permit shall become invalid and a new permit shall be obtained.

ENFORCEMENT PENALTIES:

Failure to comply within the time specified above will subject you to penalties in accordance with Sec. 21.3 of the *Baldwin County Zoning Ordinances*

Article 21 Enforcement

Section 21.3 Notice of Violation

21.3.1 *Issuance.* The Planning and Zoning Director or his/her designee shall issue a written notice of violation upon receipt of a complaint or knowledge of violation, to all persons in violation. The Notice of Violation may be served by certified mail, return receipt requested, or pursuant to Alabama Rules of Civil Procedure. The Notice of Violation shall allow a reasonable time to correct or abate such violation.

21.3.2 *Notice requirements.* The Notice of Violation shall (" Notice") clearly identify the property and particular alleged violation involved, the action necessary to correct it, the time permitted for such correction, and penalties for failure to comply. The Notice shall include but not be limited to:

- (a) A description of the location of the property involved, either by street address or by legal description.
- (b) A statement indicating the nature of the violation.
- (c) A statement showing the time within which all necessary remedial action must be accomplished, which time may not be less than 10 days nor more than 90 days from the date of such written Notice.
- (d) The name of the person(s) upon whom the Notice of Violation is served.
- (e) A statement advising that upon the failure to comply with requirements of the Notice, such enforcement procedure as may be required under these zoning ordinances shall be taken.

21.3.8 *Fines.* Any person(s) violating any of the provisions herein shall be fined not more than \$150.00 for each separate violation, plus all costs of court, with each day such violation continues constituting a separate violation. The fines provided for herein shall commence and accrue upon receipt of the Notice of Violation or the expiration of the allowed period for correction, whichever is later. Said fines shall continue to accrue until paid, but shall not accrue on days during which the violation is properly on appeal.

If you believe the activities or conditions described above are not in violation of the *Baldwin County Zoning Ordinance*, you may provide supporting documentation or other materials to the Planning and Zoning Department at 22251 Palmer Street, Robertsdale, Alabama 36567, within 7 days of receipt of this notice.

Please note: This determination may be appealed to the appropriate Board of Adjustment. Appeals shall be filed within (15) fifteen days of the Date of Notice above, on forms provided by the Planning and Zoning Department.

Appeals must be filed with the Board of Adjustment by delivery of the appeal form to the Planning and Zoning Director at his/her office at 22251 Palmer Street, Robertsdale, Alabama 36567. Appeal forms are available at the Planning and Zoning Department in Robertsdale, the Foley Satellite Courthouse, or at the County website at the following address: www.baldwincountyal.gov. Copies of the Baldwin County Zoning Ordinance are also available at the Foley Satellite Courthouse.

Sincerely,

A handwritten signature in cursive script that reads "Robert Brown". The signature is written in black ink and ends with a horizontal line.

Robert Brown
Code Enforcement
Planning and Zoning Department

cc: Matthew Brown, P.E., Planning Director

7.6

Code Case (Complaints)

Example 2

22-008119




CODE CASE
FILE #: 22-008119
13555 U S HWY 90 LOXLEY AL 36551
ILLICIT DISCHARGE COMPLAINT

CODE CASE REPORT W/ADEM
Example Z



FILE INFORMATION

 Complaint Description
Illicit Discharge Complaint

Type
Code Enforcement

Status
Closed

Open Date
10/11/2022

Close Date
10/11/2022


Department
Planning and Zoning Department

Responsible User
Ashley Campbell

Priority
Normal

How Received
Phone

PROPERTY INFORMATION

 Property Address
13555 U S HWY 90

LOXLEY AL 36551

Parcel #
05-42-03-05-0-000-017.000

Owner Name

Owner Address
P O BOX 3868

GULFPORT MS 39503

Owner Phone

Legal Description
10 ACC SW1/4 SW1/4 SE1/4 SEC 5-5-3 (QCD)IN#1737475

Approximate Location

District

15: Belforest



Zoning Classification

RSF-1 Single Family District



In MS4 Area

INFO IN COMPLAINT DESCRIPTION BOX ABOVE IS DISPLAYED ONLINE AND VIEWABLE BY THE PUBLIC.

INFO BELOW THIS LINE IS DISPLAYED INTERNALLY ONLY.

PROPERTY INFO LOADED FROM PARCEL DATABASE

Revenue Dept. Map

PIN

Zoning District

Tax District

Subdivision Name

Building Permit Jurisdiction

Total Acres

Flood Zone(s)

Potential Wetlands

LiMWA * Must Still Check Map *

Floodway

GENERAL CODE CASE INFO

CODE CASE SUMMARY

Notes:

REPORTING PARTY & CONTACT INFO (if applicable)

Name / Phone # / Email Address:

BUILDING DEPARTMENT

Notes:

Permit # 1

Completion Date

Permit # 2

Add To Active Report

HIGHWAY DEPARTMENT

Notes:

Completion Date

PLANNING & ZONING DEPARTMENT

Notes:

IDDE Complaint Forwarded to ADEM. Bayou restored the County ROW. Code Case Closed

Notes:

Variance Permit #

Permit # 1

Code Case #

Permit # 2

Nature of Violation

Corrective Action

Inspection Date (Corrective Action)

Completion Date

SOLID WASTE DEPARTMENT


Notes:


Completion Date

MISCELLANEOUS

Notes:

☐ CATEGORIES

Illicit Discharge Complaint-Illegal Dumping Into Storm Drains 

	FILE NAME			SIZE		
Email	ADEM Email RE_ Bayou Concrete Hwy 9 0.pdf	Ashley C ampbell	08/17/20 22	2,084 KB		
	ADEM Email RE: Inspection					
Email	ADEM Email RE_ Bayou Concrete Hwy 9 0.pdf	Ashley C ampbell	08/17/20 22	2,084 KB		
	ADEM Email regarding inspection					
Email	ADEM Complaint System Confirmation Bayou Concrete.pdf	Ashley C ampbell	06/14/20 22	117 KB		
Email	Email -CR 66N - Bayou Concrete (1).pdf	Ashley C ampbell	06/14/20 22	4,891 KB		
Email	Email -CR 66N - Bayou Concrete.pdf	Ashley C ampbell	06/14/20 22	4,891 KB		
Email	Email from Bayou Concrete - Loxley.pdf	Ashley C ampbell	06/14/20 22	1,349 KB		
Email	IMG_2327.jpg	Ashley C ampbell	06/14/20 22	159 KB		
						
Email	RE_ CR 66N - Bayou Concrete __ ADEM Complaint Number 5M-001AS4N67.pdf	Ashley C ampbell	06/14/20 22	930 KB		

LANCE R. LEFLEUR
DIRECTOR



KAY IVEY
GOVERNOR

Alabama Department of Environmental Management
adem.alabama.gov

1400 Coliseum Blvd. 36110-2400 ■ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ■ FAX (334) 271-7950

JUL 26 2022

MR.
BAYOU CONCRETE LLC
14312 CREOSOTE ROAD
GULFPORT, MS 39505

RE: Compliance Evaluation Inspection (CEI)
General NPDES Permit No.: ALG110412
Permittee Name: Bayou Concrete LLC
Facility Name: Loxley Plant
Location: 13555 US Highway 90
Loxley, AL 36551

Dear Mr. _____

The Department has completed a comprehensive evaluation of the above referenced facility in an effort to determine its compliance with applicable rules and provisions of the National Pollutant Discharge Elimination System (NPDES), ADEM Admin Code r. 335-6-6, and General NPDES Permit No. ALG110412. This evaluation is based on a Compliance Evaluation Inspection (CEI) conducted on June 21, 2022, sampling data, discharge monitoring reports (DMRs), and other self-reported compliance information for the period between July 2020 and July 2022. The Department noted the following:

- Permit Condition I.A. DSN008 Item 7 requires that the Permittee submit an Annual Petroleum Certification DMR by January 28th. If all discharges are in accordance with the conditions of the permit, the DMR should be marked "0." If there have been changes, or all discharges have not been in accordance with permit conditions, then the DMR should be marked "1." The DMRs that have been submitted to the Department for DSN008-1 for 2020 were marked "1." However a noncompliance form was not submitted. The 2021 DMR was marked "yes," which is not a valid response. A noncompliance report should be submitted for the 2020 DMR describing the noncompliance, and the 2021 DMR should be revised and re-submitted with the correct code.
- Permit Condition I.B.4.a. requires that the Permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by the permit and records of all data used to complete the above reports or the application for this permit, for a period of at least three years. During the inspection, a copy of the permit, DMRs, and laboratory records, were not available.

Birmingham Branch
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (FAX)

Decatur Branch
2715 Sandlin Road, S.W.
Decatur, AL 35603-1333
(256) 353-1713
(256) 340-9359 (FAX)



Mobile Branch
2204 Perimeter Road
Mobile, AL 36615-1131
(251) 450-3400
(251) 479-2593 (FAX)

Mobile-Coastal
3664 Dauphin Street, Suite B
Mobile, AL 36608
(251) 304-1176
(251) 304-1189 (FAX)

- Permit Condition II.F.2.a. requires the permittee give notice at least **180** days in advance of any facility expansion, production increase, process change, or other action that could result in (1) the discharge of additional pollutants, (2) the increase in the quantity of any discharge such that existing permit limitations would be exceeded, (3) or that could result in an additional discharge point. During the inspection, it was confirmed that the washout pit had overflowed as mentioned in complaint number 5M-001AS4N67. The permit should be modified to add an additional DSN012 discharge location.

Please be aware, the monthly DSN012-1 and DSN012-2 DMRs for 2020 and 2021 were all marked "no discharge." If there is a discharge of process water at any time during a monitoring period, a sample should be taken, analyzed, and the results reported electronically through your AEPACS account. This would include overflow discharges.

Within 30 days from the date of this letter, please submit a written report through General Correspondence in AEPACS describing the corrective actions taken to address the items noted above, revise the appropriate DMRs, and submit noncompliance reports. If an additional DSN012 discharge point needs to be added to the permit, electronically update the renewal submission through your AEPACS account to add DSN012-3 or include in your report how the overflow discharge has been eliminated.

The Department encourages you to voluntarily consider pollution prevention strategies to resolve the present issues and prevent potential future issues.

Should you have any questions regarding this matter, please contact Dodi Moseley at dbmoseley@adem.alabama.gov or by phone at (334) 271-7725.

Sincerely,



Lee Warren, Chief
Industrial General Permit Section
Industrial/Municipal Branch
Water Division

DLW/dbm

File: CORS/3009

Enclosure: Inspection Report
Photos

Loxley Plant : 1936

Water NPDES Industrial General Permit Checklist

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Monitoring Information	
Preservation Techniques Agree with 40 CFR 136	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sample Holding Times Agree with EPA Guidance	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Monitoring and Analyses Performed More Frequently Than Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Stormwater Samples Collected in Accordance with Permit Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Was the site discharging during the inspection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Was there evidence of a discharge from the site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sample Results	
Sample results	
NA	

LANCE R. LEFLEUR
DIRECTOR



Alabama Department of Environmental Management
adem.alabama.gov
1400 Coliseum Blvd. 36110-2400 ■ Post Office Box 301463
Montgomery, Alabama 36130-1463
(334) 271-7700 ■ FAX (334) 271-7950

KAY IVEY
GOVERNOR

June 27, 2022

Bayou Concrete, LLC
14312 Creosote Road
Gulfport, MS 39505

RE: Facility Inspection
Site Name: Loxley Plant
NPDES Permit No.:ALG110412
AEPACS Site ID: 1936
Inspected June 21, 2022

Dear Sir/Madam:

Enclosed is a copy of an inspection report for the above referenced facility. A copy of the inspection report has been transmitted to the Industrial General Permit Section of the Department's Water Division for a compliance determination and any follow-up as appropriate.

Should you have any questions regarding permitting, compliance, enforcement, or any follow-up action you should take to address any deficiencies noted, please contact Dodi Moseley in Montgomery at dbmoseley@adem.alabama.gov or by phone at (334) 271-7725.

Should you have any questions regarding observations noted during the inspection, please contact me at (251) 450-3400 x3412 or via email at ssummersell@adem.alabama.gov.

Sincerely,

Steve Summersell

Steven Summersell
Field Operations Division

ecopy: Water Division

Enclosure: Inspection Report

File: INSPR/3009

Birmingham Branch
110 Vulcan Road
Birmingham, AL 35209-4702
(205) 942-6168
(205) 941-1603 (FAX)

Decatur Branch
2715 Sandlin Road, S.W.
Decatur, AL 35603-1333
(256) 353-1713
(256) 340-9359 (FAX)



Mobile Branch
2204 Perimeter Road
Mobile, AL 36615-1131
(251) 450-3400
(251) 479-2593 (FAX)

Mobile-Coastal
3664 Dauphin Street, Suite B
Mobile, AL 36608-1211
(251) 304-1176
(251) 304-1189 (FAX)

Loxley Plant : 1936

Water NPDES Inspection Cover Page

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Water Division Permit Detail	
Permit Number:	ALG110412
Permit Effective Date:	02/01/2019
Permit Expiration Date:	08/31/2022
Permittee Name:	Bayou Concrete LLC
Permittee Mailing Address Line 1:	14312 Creosote Road
Permittee Mailing Address Line 2:	
Permittee Mailing Address City:	Gulfport
Permittee Mailing Address State:	MS
Permittee Mailing Address Postal Code:	39505
Inspection Detail	
AEPACS Inspection #:	E-2XJG-8KYD-JDRH
Inspection Type:	Industrial IP CEI
Inspection Reason:	CCI - Citizen Complaint/Tip, CPI - Core Program
Inspection Reason Additional Information (e.g. Complaint Number):	Complaint Number 5M- 001AS4N67
Is this a Sampling Inspection Type?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Weather Conditions:	Rain
Site Detail	
Site ID:	1936
Site Name:	Loxley Plant
Facility Type	
Activity Description: Concrete Plant	
Physical Location Address Line 1:	13555 US Highway 90
Physical Location Address Line 2:	
Physical Location City:	Loxley

Loxley Plant : 1936

Water NPDES Inspection Cover Page

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Site Detail	
Physical Location State:	AL
Physical Location Postal Code:	36551
Physical Location County:	Baldwin
Physical Location Description:	The facility is located at the corner of HWY 90 and County Road 66 N in Loxley, Alabama.
Entrance Latitude:	30.6332130
Entrance Longitude:	-87.792553
Were the entrance latitude and longitude coordinates verified during this inspection?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Discharge Point(s) (1)	
Discharge Point Identifier	0021
Discharge Point Location	30.6347,-87.7928
Receiving Water	Fish River

Loxley Plant : 1936

Water NPDES Inspection Cover Page

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Discharge Point(s) (1)

Were the discharge point latitude and longitude coordinates verified during this inspection? Yes No

The facility has installed a retention pond and it appeared that discharges from DSN002-1, DSN008-1, and DSN012-1 flow to the impoundment. I did not observe signs of discharge from said impoundment.



Photo Taken: 6/21/2022 2:18PM
DSN002-1, 008-1, & 012-1 (retention pond) as viewed from off-site & facing SSW.



Photo Taken: 6/21/2022 3:35 PM
Retention pond.

Discharge Point(s) (2)

Discharge Point Identifier	0022
Discharge Point Location	30.6334,-87.7928
Receiving Water	Fish River

Loxley Plant : 1936

Water NPDES Inspection Cover Page

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Discharge Point(s) (2)

Were the discharge point latitude and longitude coordinates verified during this inspection? Yes No

According to the Notice of Intent (NOI) dated July 5, 2017, the coordinates for DSN002-1 are 30.633389,-87.792806. The facility has installed a berm in the area of DSN002-1.



Photo Taken: 6/21/2022 3:27 PM
DSN002-1 area with berm.

Discharge Point(s) (3)

Discharge Point Identifier	0081
Discharge Point Location	30.6347,-87.7928
Receiving Water	Fish River

Were the discharge point latitude and longitude coordinates verified during this inspection? Yes No

The facility has installed a stormwater retention pond and it appeared that stormwater from DSN002-1, DSN008-1, and DSN012-1 flow to the impoundment. I did not observe signs of discharge from said impoundment. See Discharge Point DSN002-1.

Discharge Point(s) (4)

Discharge Point Identifier	0121
Discharge Point Location	30.6347,-87.7928
Receiving Water	Fish River

Were the discharge point latitude and longitude coordinates verified during this inspection? Yes No

The facility has installed a stormwater retention pond and it appeared that stormwater from DSN002-1, DSN008-1, and DSN012-1 flow to the impoundment. I did not observe signs of discharge from said impoundment. See Discharge Point DSN002-1.

Loxley Plant : 1936

Water NPDES Inspection Cover Page

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

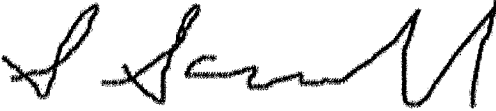

Discharge Point(s) (5)	
Discharge Point Identifier	0122
Discharge Point Location	30.6334,-87.7928
Receiving Water	Fish River
Were the discharge point latitude and longitude coordinates verified during this inspection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
According to the Notice of Intent (NOI) dated July 5, 2017, the coordinates for DSN012-2 are the same as DSN002-2 (Discharge Point DSN002-1).	
Permit Contacts (1)	
Affiliation Type(s):	Facility Contact, Inspection Contact
Richard Poe, Plant Manager 13555 US HWY 90 Loxley, AL 36551 (251) 406-1708	
First Name:	
Last Name:	
Organization:	
Position Title:	
Phone:	
Email Address:	
Mailing Address Line 1:	
Mailing Address Line 2:	
Mailing Address City:	
Mailing Address State:	
Mailing Address Postal Code:	
Inspection/Site Contacts	
Details: Inspection Contact: Richard Poe, Plant Manager 13555 US HWY 90 Loxley, AL 36551 (251) 406-1708	

Loxley Plant : 1936

Water NPDES Inspection Cover Page

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Inspection/Site Contacts	
Inspection Summary	
Inspection Begin Date:	06/21/2022
Inspection Begin Time:	2:15 PM
Inspection End Date:	06/21/2022
Inspection End Time:	3:35 PM
Inspection Findings Summary:	
Inspector:	Steve Summersell
Phone Number of Inspector:	2514503412
Signature of Inspector:	
Signature Date:	06/23/2022
Reviewing Supervisor:	Tim Connole
Phone Number of Reviewing Supervisor:	2514503400
Signature of Reviewing Supervisor:	
Signature Date:	06/27/2022
Photos (1)	
To add or remove photos from this section, click the bar underneath the "Add/Choose Photo" paragraph text field.	

Loxley Plant : 1936

Water NPDES Inspection Cover Page

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Photos (1)

Add/Choose Photo:

Concrete Plant.



Photo Taken: 6/21/2022 3:29 PM

Concrete Plant.

Photos (2)

To add or remove photos from this section, click the bar underneath the "Add/Choose Photo" paragraph text field.

Add/Choose Photo:

Loxley Plant : 1936

Water NPDES Inspection Cover Page

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Photos (2)

Fueling area and bulk storage tanks.



Photo Taken: 6/21/2022 3:29 PM

Fueling Area.



Photo Taken: 6/21/2022 3:30 PM

Bulk Fuel Storage Tanks.



Photo Taken: 6/21/2022 3:31 PM

Bulk fuel storage tank at portable batch plant.

Loxley Plant : 1936

Water NPDES Inspection Cover Page

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Photos (3)

To add or remove photos from this section, click the bar underneath the "Add/Choose Photo" paragraph text field.

Add/Choose Photo:

Portable batch plant.



Photo Taken: 6/21/2022 3:31 PM

Portable batch plant.

Photos (4)

To add or remove photos from this section, click the bar underneath the "Add/Choose Photo" paragraph text field.

Add/Choose Photo:

Overflow area mentioned in Complaint Number 5M-001AS4N67 as viewed from County Road 66 N, facing east.

Overflow area mentioned in Complaint Number 5M-001AS4N67 as viewed from County Road 66 N, facing east.



Photo Taken: 6/21/2022 2:18 PM

Overflow area mentioned in Complaint Number 5M-001AS4N67.

Loxley Plant : 1936

Water NPDES Inspection Cover Page

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Photos (5)

To add or remove photos from this section, click the bar underneath the "Add/Choose Photo" paragraph text field.

Add/Choose Photo:

Overflow area mentioned in Complaint Number 5M-001AS4N67 as viewed from the washout pit.

Overflow area mentioned in Complaint Number 5M-001AS4N67 as viewed from the washout pit.



Photo Taken: 6/21/2022 3:34 PM

Overflow area mentioned in Complaint Number 5M-001AS4N67 as viewed from the washout pit.

Loxley Plant : 1936

Water NPDES Industrial General Permit Checklist

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Overview	
Is the facility in operation?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Were onsite personnel available?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Were records available for review?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Is sampling required for this permit?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Records	
Copy of Permit Available	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Discharge Monitoring Reports (DMRs) Available	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Laboratory Records Available	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Commercial Lab Used for Reported Analyses	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Commercial Lab Location	N/A
Adequate Records Maintained of:	
Sample Date, Time and Location	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Analyses Date and Time	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Analytical Methods	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Standard Methods/EPA Approved Analytical Method Used	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Analyst	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Lab Equipment Calibration and Maintenance	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Rainfall Data	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Correct Name and Mailing Address of Permittee	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Was an alternate records location letter presented?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Pollution Prevention Practices/Plans	
Best Management Practices (BMP) Plan Available	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Last Update to BMP Plan	04/01/2019
BMP Measures Appear Adequate	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
BMP Training Records Available	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
BMP Inspection Records Available	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Loxley Plant : 1936

Water NPDES Industrial General Permit Checklist

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Pollution Prevention Practices/Plans	
Inspection Records Retained for 3 Years	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Spill Prevention Control and Countermeasures (SPCC) Plan Available	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Last Update to SPCC:	04/01/2019
List Tanks and Capacities: One 10,000 gallon vertical Diesel tank and two 500 gallon Diesel tanks.	
Pollution Prevention (P2)/Source Reduction Plan and/or P2 Practices	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
All Discharges Appear to be properly Permitted	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Loxley Plant : 1936

Water NPDES Industrial General Permit Checklist

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Pollution Prevention Practices/Plans

Adequate Containment for Products/Byproducts and Waste Materials Yes No NA

The facility has discharged aggregate and sand into the stormwater conveyance along Co. Rd. 66 N at the washout pit. It appears that aggregate and sand have overflowed its partitions and exited the site as mentioned in Complaint Number 5M-0014AS4N67.



Photo Taken: 6/21/2022 2:18 PM
Aggregate and sand discharge offsite.



Photo Taken: 6/21/2022 3:34 PM
Washout Pit.

Is there an oil/water separator onsite? Yes No NA

Monitoring Information

Flow Measurement

Method of measurement on Non-Stormwater Outfalls

Other

Sampling

Location(s) Adequate

Yes No

Sample Type(s) Agree with Permit

Yes No

Loxley Plant : 1936

Water NPDES Industrial General Permit Checklist

Inspector: Steven Summersell

Start Date: 06/23/2022 Completed Date: 06/27/2022

Monitoring Information	
Preservation Techniques Agree with 40 CFR 136	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sample Holding Times Agree with EPA Guidance	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Monitoring and Analyses Performed More Frequently Than Required	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Stormwater Samples Collected in Accordance with Permit Requirements	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Was the site discharging during the inspection?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Was there evidence of a discharge from the site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Sample Results	
Sample results	
NA	

BAYOU CONCRETE LLC
14312 CREOSOTE ROAD
GULFPORT, MS 39505

WELCOME to the BALDWIN COUNTY CITIZENSERVE PORTAL

Providing access to online development and construction services from your home, office, or mobile device.

Navigate to "My Account" above to access previous applications & issued permits.

Choose a department below to submit new applications.



Environmental Complaint Website



BALDWIN COUNTY, ALABAMA

Building Department

The Baldwin County Building Department is responsible for the permitting and inspection of construction (including new construction, additions, and demolitions) throughout the County's building permitting jurisdiction as required by the International Building Codes. The Building Department enforces the County's Flood Damage Prevention Ordinance.

The County's building permit jurisdiction includes unincorporated areas of Baldwin County as well as the towns of Elberta, Magnolia Springs, and Foley. Inside any city limits other than those towns listed above, the property owner or contractor should contact the specific city's building department for more information.

[Click here for a list of municipalities inside Baldwin County and links to their websites.](#)

CITIZENSERVE PORTAL

SUBMIT ENVIRONMENTAL COMPLAINT

Table 7-1 Baldwin County Phase II MS4 MCM3
Construction Site Stormwater Runoff Control Strategies and Goals

NPDES Permit Section	SWMPP Section	7-Construction Site Stormwater Runoff Control Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-3e	7.9	Staff Training	Throughout the permit cycle, County staff responsible for erosion and sediment control inspections and complaints will be trained in the identification of appropriate construction BMPs. Training will be tracked in the annual report.	Sediment, Oils, Paints, & Trash	P&Z
Erosion & Sediment Control Training					
Planning & Zoning Department					
		<i>Name</i>	<i>Training Description</i>	<i>Certification</i>	<i>Date</i>
		Robert Brown	QCI	T7237	2/25/2023
		Ashley Campbell	CPESC	4184	12/31/2023
		Ben Guerrero	QCI	T7632	5/31/2024
		Buford King	QCI	T7682	5/31/2024
		Rebecca Peacock	QCI	T7631	5/31/2024
		Vince Ramer	QCI	T0771	5/31/2023
Highway Department					
		<i>Name</i>	<i>Department</i>	<i>QCI Certification</i>	<i>Date</i>
		Dylan Carlisle	Area 100	T3262	5/31/2024
		James Bradley	Area 100	T7431	5/31/2024
		Jeremy Howell	Area 100	T1348	5/31/2024
		Joey Kelmer	Area 100	T2780	5/31/2024
		Randy Black	Area 100	T7430	5/31/2024
		Robert Gentry	Area 100	T3264	5/31/2024
		Robert White	Area 100	T4158	5/31/2024
		Rodney Howell	Area 100	T4158	5/31/2024
		Brandon Fulton	Area 200	T7434	5/31/2024
		Forrest Davis	Area 200	T7433	5/31/2024
		Calvin Glass	Area 200	T7435	5/31/2024
		James Allen	Area 200	T7433	5/31/2024
		Pete Peterson	Area 200	T0797	5/31/2024

Table 7-1 Baldwin County Phase II MS4 MCM3
 Construction Site Stormwater Runoff Control Strategies and Goals

	<i>Name</i>	<i>Department</i>	<i>QCI Certification</i>	<i>Date</i>
	Adam Harville	Area 300	T7436	5/31/2024
	Charley Weekley	Area 300	T3269	5/31/2024
	Jeremy Ringler	Area 300	T7437	5/31/2024
	Dustin Thweatt	Construction	T4009	5/31/2024
	Matt Ulrich	Construction (Certificate Not Attached)	T5358	5/31/2023
	Todd Reed	Construction	T6010	5/31/2024
	Orie King	Maintenance	T6888	5/31/2024
	John Lundy	Permits	T0924	5/31/2024
	Josh Chiasson	Permits	T6939	5/31/2024
	Michael Campbell	Permits	T3560	5/31/2024
	Tyler Mitchell	QCP	PE36734	12/31/2023
	Seth Peterson	QCP	PE35635	12/31/2023
	Tucker Stuart	QCP	PE34877	12/31/2023

7.9

Planning & Zoning

QCI/QCP Training

ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Robert Brown

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7237

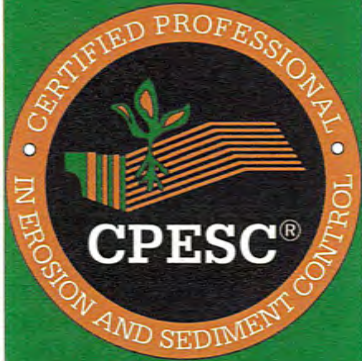
EXP.05/31/24

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE





The
Application Review Committee
certifies that

Ashley Grace Campbell

Subscribes to the Code of Ethics and has met the requirements
Established by the CPESC Council as a

**Certified Professional in Erosion
and Sediment Control**

Certification No.: 4184

Certification Date: September 17, 2007

Ted M. Sherrod

Chair, CPESC Council

David H. Ward

Executive Director, CPESC, Inc.



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Ben Guerrera

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7632

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Buford King

Baldwin Co



Has successfully completed the certification requirements as a

QCI # T7682

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Vincent Ramer

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T0771

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Rebecca Peacock

Baldwin Co



Has successfully completed the certification requirements as a

QCI # T7631

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



7.9

Highway

QCI/QCP Training

ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Dylan Carlisle

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T3262

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

James Bradley

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7431

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Jeremy Howell

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T1348

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Joey Kelmer

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T2780

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Randy Black

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7430

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Robert Gentry

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T3264

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Robert White

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T4158

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Jeremy Howell

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T1348

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Brandon Fulton

Baldwin Co



Has successfully completed the certification requirements as a

QCI # T7435

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Forrest Davis

Baldwin Co



Has successfully completed the certification requirements as a

QCI # T7434

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Calvin Glass

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7436

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

James Allen

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7433

EXP.05/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Pete Peterson

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T0797

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Adam Harville

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7437

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Charley Weekley

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T3269

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Jeremy Ringler

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7438

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Dustin Thweatt

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T4009

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Todd Reed

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T6010

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Orie King

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T6888

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

John Lundy

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T0924

EXP.05/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Josh Chiasson

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T6939

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Michael Campbell

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T3560

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



Table 7-1 Baldwin County Phase II MS4 MCM3 Construction Site Stormwater Runoff Control Strategies and Goals

NPDES Permit Section	SWMPP Section	7-Construction Site Stormwater Runoff Control Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-3e</i>	7.11	<i>Program Evaluation</i>	<i>Throughout the permit cycle, review the Construction Site Stormwater Runoff minimum control measure strategies and goals achieved and prepare an annual report and update the SWMPP</i>	<i>Sediment, Oils, Paints, & Trash</i>	<i>P&Z</i>
2022/2023			The Construction Site Stormwater Runoff MCM strategies and goals have been achieved.		
			The county will continue to review and update its Construction Program.		

Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	8-Post Construction Stormwater Management Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-4aiv</i>	8.2.1	<i>County Subdivision & Zoning Ordinance Review</i>	<i>Review and update county subdivision and zoning ordinances and guidance documents to reflect the applicable MS4 permit post construction requirements.</i>	<i>Storm water Quality, trash, Sediment & Paint, etc.</i>	<i>P&Z</i>
2022/2023		Ordinance	Updates 5/17/2022		
		Zoning Ordinance	10.4 Wetland and Stream Overlay District		
		Zoning Ordinance	13.11 Stormwater Management Updates		
		Zoning Ordinance	13.12 Construction Best Management Practices Updates		
<i>Copies can be found in MCM 3</i>					

Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	8-Post Construction Stormwater Management Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-4a</i>	8.2.2	<i>Promote Low Impact Development/Green Infrastructure</i>	<i>In year 1, review county subdivision and zoning ordinance for opportunities to incentivize the use of LID/GI</i>	<i>Storm Water Quality</i>	<i>P&Z</i>
2022/2023			Comments		
			After reviewing the ordinances, it has been determined		
			that the best option of implementing LID/GI will be in		
			the Local Provisions of each Planning District in the Zoning		
			Ordinance.		

Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	8-Post Construction Stormwater Management Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-4a</i>	8.2.2	<i>Promote Low Impact Development/Green Infrastructure</i>	<i>Throughout the permit cycle, track LID/GI BMP's implemented in the County's MS4 boundary</i>	<i>Storm water Quality, trash, Sediment & Paint, etc.</i>	<i>P&Z</i>
2022/2023		No LID/GI BMPS Implemented			

Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	8-Post Construction Stormwater Management Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-4ai2	8.2.1	County Subdivision & Zoning Ordinance	Within the County's MS4 boundary, review subdivision and zoning application for compliance with the county's stormwater management requirements and track in annual SWMPP report.	Storm water Quality, trash, Sediment & Paint, etc.	Hwy & P&Z
	Permit#	Address	City	Applicant	
	CSP22-000008	8188 WELL RD	DAPHNE	EMPIRE CONSTRUCTION, LLC	
	CSP22-000026	24336 U S HWY 98	FAIRHOPE	Courtney and Morris	
	CSP22-000027	23764 US HWY 98	FAIRHOPE	Lieb Engineering Company	
	CSP22-000029	10758 COUNTY RD 64	DAPHNE	Yinzers LLC	
	CSP22-000030	18263 -B SCENIC HWY 98	FAIRHOPE	BES, Incorporated	
	CSP22-000039	14472 COUNTY RD 64	LOXLEY	Lieb Engineering Company	
	CSP23-000001	9985 GAYFER RD	FAIRHOPE (Review Example)	S.E. Civil, LLC	
	CSP23-000006	9917 SPANISH FORT BLVD	DAPHNE	M&S Property Management	
	No Subdivisions				

8.2

Subdivision &
Commission Site Plan
Reviews



PERMIT PROJECT
FILE #: 23-001245
9917 SPANISH FORT BLVD DAPHNE AL 36527
CONVERTING AN EXISTING CHURCH BUILDING INTO A CHILDCARE CENTER.
*****COMMERCIAL REVIEW*****



PERMIT #: CSP23-000006

Permit Type

Zoning - **Commercial Site Plan Approval**

Subtype

Commercial Site Plan



Work Description:

Converting an existing church building into a childcare center.



Applicant



Status

Approved



Valuation

0.00



FEES & PAYMENTS

Plan Check Fees

0.00

Permit Fees

140.52

Total Amount

140.52

Amount Paid

140.52

Balance Due

0.00

Non-Billable



PERMIT DATES

Application Date

02/13/2023

Approval Date

03/16/2023

Issue Date:

03/16/2023

Expiration Date:

09/16/2023

Close Date
03/16/2023

Last Inspection

Have you had a pre application meeting with Planning and Zoning staff

Yes



Please enter the date of your pre-application meeting

02/09/2023

Is the combined total building square footage of all buildings on site 5,000 square feet or more, unless the expansion is for an accessory structure that will not increase the intensity of the use?

No



Will you be building a multiple unit development? example: apartments, strip mall, townhouse?

No



Is the subject property within 200' of adjacent property that is either zoned or used as residential?

No



Not including buildings, is the subject property more than 30% of the impervious surface?

No



Will the gross floor area be increased by 30% or more?

No



Is the proposed use permitted by right with the current zoning? -

Yes



CONTACTS

Is the property owned by a LLC or Incorporation

Yes



Provide copy of Articles of Incorporation

STATE OF ALABAMA.pdf



Property Owner Contact Information

Current Property Owner Name(s) PZ

Property Owner Mailing Address PZ

31704 Raven Court Spanish Fort

Property Owner Phone Number PZ

Property Owner Email Address PZ

Is the name of the applicant also the name of the current property owner? - SE

Yes



Physical Address assigned by Baldwin County E-911 (include the city or town).

9917 Spanish Fort Blvd Spanish Fort AL 36527

Is the site parcel number the same as the information listed in the grey boxes above?

Yes



To obtain a Parcel Number, locate it on the property tax bill, contact the local Revenue Commissioner office, or search online (click this link). - PZ

Please provide Parcel ID Number(s) in this format: 05-XX-XX-XX-X-XXX-XXX.XXX:- PZ

05-32-05-22-0-000-081.007



Is the property located in Gulf Shores or Fort Morgan in District 25?

No



Is the property in an existing subdivision? - PZ

No



Actual Lot Size (in acres)

1.05

Approximate Lot Dimensions

358x128

Are there existing structures on the property- PZ

Yes



Please describe the existing structures:

Church building with parking



PROJECT INFORMATION

Provide total square footage of proposed structure(s) OR if not proposing any new structure(s), the existing structure(s) where the change of use will take place. PZ

5500

If fill material will be brought onsite, will the existing grade anywhere on the property be raised by more than two (2) feet? -

ZSP 2

No



Will you be disturbing more than an acre? - ZSP

No



Are there potential wetlands on your property? - ZSP

No



Will you be performing any land disturbing activity including clearing, grading, filling, removing stumps or excavation? (OLD FIELD DO NOT USE AS of 5.18.22) - ZSP



WATER & SEWER INFORMATION

How will water service be provided to the property? - CSP

Public Provider



Name of Water provider

Spanish Fort Water

Please attach a copy of the water release or copy of utility bill from current water provider

Monday, February 13, 2023.pdf



How will sewer service be provided to the property? - CSP

Septic Tank



Please attach a copy of the septic tank release

Baldwin County Health Department.pdf



OTHER SUBMITTAL DOCUMENTS THAT MAY BE REQUIRED

NOTE: Documents marked with a red line must be uploaded before application can be submitted. Other documents may be deemed necessary and requested during the review of the application.

Master Site Plan including the following

Eastern Shore Acad AS1 Site Plan.pdf



- a.) the actual shape, dimensions and size of property
- b.) the size, shape, and location of building(s) to be created
- c.) the minimum required and proposed front, rear and side yards
- d.) the lot coverage
- e.) the number, location, size and angle of parking spaces
- f.) the site access drives and dimensions
- g.) the paving material for the parking lot and access drives

Basic Floor Plan and Front, Rear, and Side Elevation Drawings. - CSP

Eastern Shore Acad full set sealed 012623.pdf

Eastern Shore Academy II Exterior Elevations.pdf



Floor plans must contain sufficient detail to determine the size and use of all areas within the proposed structure. Elevation drawings must include dimensions that demonstrate the height of the proposed structure. -CSP

i Commercial turnout permit

ALDOT.pdf



Landscaping plan - CSP

Eastern Shore Acad full set sealed 012623.pdf



A landscaping plan with specifications that show what existing trees, shrubbery, and other vegetation will be retained on the side, and what trees, shrubbery, and other vegetation will be added to complete the required landscaping/buffering of the property

Construction Best Management Practices Plan-

Eastern Shore Acad full set sealed 012623.pdf
Eastern Shore Academy II Site Plan w BMP.pdf



A CBMPP must be prepared by a QCP or Civil Engineer

Utility Plan - CSP

Eastern Shore Acad full set sealed 012623.pdf



Upload copies of plans and specifications for the proposed water supply, sewage disposal, refuse facilities, fire protection, electricity, street lighting, telephone and gas.

Stormwater Management Plan - CSP

Eastern Shore Acad full set sealed 012623.pdf
Academy II Engineer's letter (1).pdf



Upload copy of drainage plan and approval from Baldwin County permit manager.

Parking Plan

Eastern Shore Acad full set sealed 012623.pdf



Exterior/Parking Lighting Plan - CSP

Eastern Shore Acad full set sealed 012623.pdf



i (Optional) Please attach E-911 Address Verification letter- (this will be required for your building permit application)



Verification Letter requests may be submitted online by clicking this link.

(Optional) Proof of Property Ownership (ex. Deed or Tax Bill)

Mortgage Recorded Simultaneously - LW.pdf



Are there Variance, Subdivision Exemption Verification, or ARB approvals associated with this property- CSP

No



Miscellaneous Documents



Paste Dropbox link below (for individual files that are more than 25MB)

I hereby certify that the information stated and submitted with this application is true and correct. I also understand that the submittal of incorrect information will result in the revocation of this permit and any work performed will be at the risk of the applicant. I understand further that any changes which vary from the approved plans will result in the requirement of a new Site Plan Approval Application. Site Plan Approvals are valid for a six (6) month period after date of issuance.

By checking this required box, I acknowledge agreement to the Terms of Service

***** FOR OFFICE USE ONLY BELOW THIS LINE *****

Commission/Commercial

Commercial



Commercial - Gross SF of Floor Area (\$25 per 1000 SF)

5,500

Zoning Classification

B-4 Major Commercial District



Planning District

10: HWY 225 - Central



Flood Zone 1

X



Flood Zone 2



Flood Zone 3



ARB

No



MS4

Yes



Comments (to be printed on applicant's generated document)



TYPE OF USE (check ALL boxes that apply)

Addition

Alteration

Repair

Demolition

Accessory Structure

Accessory Structure (ex. storage building, pole barn, carport, etc.)

Swimming Pool

Pier/Boathouse (Ono Island - multi-slips)

Dune Walkover

New Construction

Single Family

Site Built

Manufactured Home

Two-Family

Multi-Family

Commercial

RV Park

- Manufactured Home Park
- Professional Business
- Neighborhood Business
- General Business
- Major Business
- Limited Business
- Industrial
- Light Industrial
- General Industrial
- Agriculture
- Institutional
- Church
- Schools
- Daycare Center
- Boarding/Group Home
- Transportation/Utility
- Cell Tower
- Tourist/Resort
- Outdoor Recreation
- Marine Recreation

Check to Apply Credit Card Convenience Fee ONLY if customer is paying in the office by credit card.

FEES



FEE	DESIGN	QUANTITY	AMOUNT	TOTAL
Commission Site Plan-Gross SF of Floor Area				137.50
Convenience Fee		1.0	3.0200	3.02



Plan Check Fees	0.00
Permit Fees	140.52
Total Fees	140.52

 **PAYMENTS**




DATE	TYPE	REFERENCE	NOTE	RECEIPT #	RECEIVED FROM	AMOUNT	
03/07/2023	Credi	D-43981769	CSP2	1815	M&S Prop	140.52	
Amount Paid						140.52	
Balance Due						0.00	

Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	8-Post Construction Stormwater Management Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-4av&vi	8.2.5	Perform Field Evaluations and Long-term Maintenance and Monitoring of Best Management Practices	In year 1, review the county's subdivision & zoning ordinance to determine if the county has the authority to inventory and require inspections and maintenance of private stormwater facilities (SWF)(detention basins, etc.)within its MS4 boundary's zoned districts.	Storm water Quality, trash, Sediment & Paint, etc.	Hwy & P&Z
Date			Document/Meeting		
3/13/2023			Email to Matthew for the County's Attorney		
5/9/2023			Conference Call Regarding MS4 Authority		
			It has been initially determined that the County has authority in its Zoned Areas		
			to enforce the MS4 Permit. The County will continue to investigate its authority		
			while staff works on MS4 Ordinances.		

Ashley Campbell

From: Ashley Campbell
Sent: Sunday, March 19, 2023 3:33 PM
To: matthew.brown@baldwincountyal.gov
Subject: RE: MS4 Review Update

Just checking in on these questions.

From: Ashley Campbell
Sent: Monday, March 13, 2023 9:21 PM
To: matthew.brown@baldwincountyal.gov
Subject: MS4 Review Update

Matthew,

Below are the questions for the attorney:

I included several attachments, which attachments do you think our attorney would need?

Questions for Attorney:

1. Since, the referendum failed, I understand that we do not have the authority to create ordinances for un-zoned Baldwin County but in Zoned areas do we have the authority to create a zoning MS4 Overlay District with regulations to address our MS4 Permit's Minimum Control Measure (MCM) 2-Illicit Discharge Detection and Elimination & 4-Post Construction Storm Water Management in New Development and Redevelopment? Our Zoning Ordinance already addresses MCM-3 Construction Site Storm Water Runoff Control through Section 13.12 Construction Best Management Practices Plan.
2. If no, can we address the MCM 4-Post Construction Storm Water Management in New Development and Redevelopment permit requirements through updates to the subdivision regulations that cover un-zoned and zoned Baldwin County?
3. If we do not have the authority to create ordinances (regulations) to address these items, then I would like a letter like the attached Madison County Attorney Letter Regarding Limited Home Rule.

I did research Madison County , Alabama's MS4 permit. Madison County does not have Zoning...They have no authority to create ordinances for permit Minimum Control Measures (MCM) 2,3 or 4.

Thanks,
Ashley

From: Ashley Campbell
Sent: Sunday, March 12, 2023, 10:23 PM
To: matthew.brown@baldwincountyal.gov
Subject: MS4 Review Update

Matthew,

I have attached a document that details the federal and state laws for our MS4 Permit. Within the document, I have several questions for you or our attorney regarding the County's authority to implement and enforce the permit. Prior to my employment with the county our MS4 Stormwater Management Plan stated that due to the lack of home rule, the County has limited authority to create an Illicit Discharge Detection and Elimination Ordinance (IDDE) (see 2018 MS4 SWMPP Limited Home Rule Attachment). Since, the referendum failed, I understand that we do not have the authority to create ordinances for un-zoned Baldwin County but in Zoned areas do we have the authority to address the IDDE requirement, with a MS4 Overlay District that references the County's MS4 Permit and the Illicit Discharge requirements (highlighted in yellow in the attached document -MS4 Federal and State Regulations) for the zoned MS4 Area.

If we do not have the authority, can I get a letter from our attorney stating that fact for our MS4 report. See Madison County's attorney's letter attached. Madison County does not have zoning. They have a lack of home rule and cannot create Ordinance.

Ashley Campbell
Baldwin County Planning & Zoning Department
Natural Resource Planner
201 East Section Ave
Foley, AL 36535
ashley.campbell@baldwincountyal.gov
Office: 251-580-1655 Ext 7260
Cell: 251-423-3632



Creating a Clean Water Future for Generations to Come.....

Baldwin County MS4 Permit Language with references to State & Federal Laws

In accordance with and subject to the provisions of the *Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1378 (the "FWPCA")*, the *Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA")*, the *Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-15*, and rules and regulations adopted thereunder, and subject further to the terms and conditions set forth in this permit, the Permittee is hereby authorized to discharge into the above-named receiving waters.

Federal and State Laws Referenced in County MS4 Permit

- 1. *Federal Water Pollution Control Act, as amended, 33 U.S.C. §§1251-1378 (the "FWPCA")***
- 2. *Alabama Water Pollution Control Act, as amended, Code of Alabama 1975, §§ 22-22-1 to 22-22-14 (the "AWPCA")***
- 3. *Alabama Environmental Management Act, as amended, Code of Alabama 1975, §§22-22A-1 to 22-22A-15***

Baldwin County MS4 Permit Language

2. Illicit Discharge Detection and Elimination (IDDE) Program

a. The Permittee shall implement an ongoing program to detect and eliminate illicit discharges into the MS4, to the maximum extent practicable. The program shall include, at a minimum, the following:

i. An initial map shall be provided in the SWMPP with updates, if any, provided each year in the annual report. The map shall include, at a minimum:

- (1) The latitude/longitude of all known outfalls;
- (2) The names of all waters of the State that receive discharges from these outfalls; and,
- (3) Structural BMPs owned, operated, or maintained by the Permittee, if applicable.

ii. To the extent allowable under State law, an ordinance or other regulatory mechanism that effectively prohibits non-storm water discharges to the MS4. The ordinance or other regulatory mechanism shall be reviewed annually and updated as necessary and shall:

- (1) Include escalating enforcement procedures and actions; and
- (2) Require the removal of illicit discharges and the immediate cessation of improper disposal practices upon identification of responsible parties. Where the removal of illicit discharge within ten (10) working days is not possible, the ordinance shall require an expeditious schedule for removal of the discharge. In the interim, the ordinance shall require the operator of the illicit discharge to take all reasonable and prudent measures to minimize the discharge of pollutants to the MS4.

iii. A dry weather screening program designed to detect and address non-storm water discharges to the MS4. This program must address, at a minimum, dry weather screening of fifteen percent (15%) of the outfalls once per year with all (100 percent) screened at least once per five years. Priority areas, as described by the Permittee in the SWMPP, will be dry weather screened on a more frequent schedule as outlined in the SWMPP. If any indication of a suspected illicit discharge, from an unidentified source, is observed during the dry weather screening, then the Permittee shall follow the screening protocol as outlined in the SWMPP.

Question:

Since, the referendum failed, I understand that we do not have the authority to create ordinances for un-zoned Baldwin County but in Zoned areas do we have the authority to address 2a11, with a MS4 Overlay District that references the County's MS4 Permit and the Illicit Discharge requirements (highlighted in yellow above) for the zoned MS4 Area.

Some of these inspections are on private property where Baldwin County stormwater pipes drain.

Baldwin County MS4 Permit Language

3. Construction Site Storm Water Runoff Control

a. The Permittee must develop/revise, implement and enforce an ongoing program to reduce, to the maximum extent practicable, the pollutants in any storm water runoff to the MS4 from qualifying construction sites. The program shall include the following at a minimum:

i. Specific procedures for construction site plan (including erosion prevention and sediment controls) review and approval: The MS4 procedures must include an evaluation of plan completeness and overall BMP effectiveness;

ii. To the extent allowable under State law, an ordinance or other regulatory mechanism to require erosion and sediment controls, sanctions to ensure compliance, and to provide all other authorities needed to implement the requirements of Part III.B.3 of this permit. The ordinance or other regulatory mechanism shall be reviewed annually and updated as necessary;

iii. A training program for MS4 site inspection staff in the identification of appropriate construction BMPs (example: QCI training in accordance with ADEM Admin Code. R. 335-6-12 or the Alabama Construction Site General Permit). Applicable MS4 site inspection staff shall be trained at least once per year;

iv. Within 365 days of the effective date of the permit, develop and implement a construction site inspection form to include at least the items listed in Parts III.B.3.d.i.

v. Within 365 days of the effective date of the permit, maintain an inventory of qualifying construction sites containing relevant contact information for each construction site (i.e., tracking number and construction site contact name, address, phone number, etc.), the size of the construction site, whether the construction site has submitted for permit coverage under ADEM's Construction General Permit ALR100000, and the date the MS4 Permittee approved the site construction plan. The MS4 Permittee must make the inventory available upon the Department's request.

vi. Procedures for the inspection of qualifying construction sites to verify the use of appropriate erosion and sediment control practices that are consistent with the Alabama Handbook for Erosion Control, Sediment Control, and Stormwater Management on Construction Sites and Urban Areas published by the Alabama Soil and Water Conservation Committee (hereinafter the "Alabama Handbook").

The frequency and prioritization of inspection activities shall be documented in the SWMPP.

Inspection of construction sites to verify use and proper maintenance of appropriate BMPs shall be performed in accordance with the frequency specified in the table below:

Site Inspection Frequency

- Priority Construction Sites (defined in Part VII.W.) & Other sites determined by the Permittee or Permitting Authority to be a significant threat to water quality. *-- At a minimum, inspections must occur monthly.
- All qualifying construction sites not meeting the criteria specified above. - At a minimum, inspections must occur every three months.

Question:

Since, the referendum failed, I understand that we do not have the authority to create ordinances for un-zoned Baldwin County. In Zoned areas, we already address Section 3 in section 13.12 of the zoning ordinance. Our latest ADEM MS4 Permit requires site inspections as detailed above- (highlight in yellow). Do we have to inspect the site per the frequency required by the ADEM permit?

Baldwin County MS4 Permit Language

4. Post-Construction Storm Water Management in New Development and Redevelopment

a. post-construction storm water management refers to the activities that take place after construction occurs, and includes structural and non-structural controls including low-impact development and green infrastructure practices to obtain permanent storm water management over the life of the property's use. These post construction controls should be considered during the initial site development planning phase.

i. The Permittee must develop/revise, implement, and enforce a program to address storm water runoff from qualifying new development and redevelopment projects, to the maximum extent practicable. This program shall ensure that controls are in place to prevent or minimize water quality impacts. Specifically, the Permittee shall:

(1) Develop/revise and outline in the SWMPP procedures for the site-plan review and approval process and a required re-approval process when changes to post-construction controls are required; and

(2) Develop/revise and outline in the SWMPP procedures for a post-construction process to demonstrate and document that post-construction storm water measures have been installed per design specifications, which includes enforceable procedures for bringing noncompliant projects into compliance.

ii. The Permittee must develop and implement strategies which may include a combination of structural and/or non-structural BMPs designed to ensure, to the maximum extent practicable, that the post construction runoff mimics pre-construction hydrology. A design rainfall event with an intensity up to that of a 2yr-24hr storm event shall be the basis for the design and implementation of post- construction BMPs.

iii. Encourage and educate landowners and developers to incorporate the use of low impact development (LID)/green infrastructure where feasible. Information on low impact development (LID)/green infrastructure is available on the following websites:

<http://www.adem.alabama.gov/programs/water/waterforms/LIDHandbook.pdf>;

<http://epa.gov/nps/lid>. The Permittee shall include a narrative description in the SWMPP as to the means that will be taken to implement the requirement to encourage landowners and developers to incorporate the use of low impact development (LID)/green infrastructure;

iv. To the extent allowable under State law, the Permittee must develop and institute the use of an ordinance or other regulatory mechanism to address post-construction runoff from qualifying new development and redevelopment projects. The ordinance or other regulatory mechanism shall be reviewed annually and updated as necessary;

v. The Permittee must require adequate long-term operation and maintenance of BMPs. One or more of the following as applicable:

(1) The developer's signed statement accepting responsibility for maintenance until the maintenance responsibility is legally transferred to another party; and/or

(2) Written conditions in the sales or lease agreement that require the recipient to assume

responsibility for maintenance; and/or

(3) Written conditions in project conditions, covenants and restrictions for residential properties assigning maintenance responsibilities to a home owner's association, or other appropriate group, for maintenance of structural and treatment control management practices; and/or

(4) Any other legally enforceable agreement that assigns permanent responsibility for maintenance of structural or treatment control management practices.

The Permittee must require adequate long-term operation and maintenance of BMPs. One or more of the following as applicable:

(1) The developer's signed statement accepting responsibility for maintenance until the maintenance responsibility is legally transferred to another party; and/or

(2) Written conditions in the sales or lease agreement that require the recipient to assume responsibility for maintenance; and/or

(3) Written conditions in project conditions, covenants and restrictions for residential properties assigning maintenance responsibilities to a home owner's association, or other appropriate group, for maintenance of structural and treatment control management practices; and/or

(4) Any other legally enforceable agreement that assigns permanent responsibility for maintenance of structural or treatment control management practices.

vi. The Permittee shall perform or require the performance of post-construction inspections, at a minimum of once per year, to confirm that post-construction BMP's are functioning as designed. The Permittee shall include an inspection schedule, to include inspection frequency, within the SWMPP. The Permittee shall document or require documentation of the post-construction inspection. Such documentation shall include, at a minimum:

Question:

Since, the referendum failed, I understand that we do not have the authority to create ordinances for un-zoned Baldwin County but in Zoned areas do we have the authority to address Section 4 with an MS4 Overlay District that references the County's MS4 Permit and the Post Construction Storm Water Management requirements for the zoned MS4 Area. Or could we address this requirement through our subdivision regulations that cover un-zoned and zoned Baldwin County.

These inspections are for private property detention basins not county property.

Madison County MS4 SWMPP-Madison County does not have Zoning...

No authority to create ordinances for permit Minimum Control Measures (MCM) 2,3 & 4

Madison County requires all stormwater ponds to be within a designated common area to be owned/maintained by a collective or management association. We require these areas to be within a U&D easement to allow County access in the event of a safety concern. A statement is included on the plat and we require an Articles of Incorporation be provided before final plat approval. This is stated in Sections 4.4.4 and 5.3.4 of our Subdivision Regulations (reference the attached).

Matthew,

If we are going to state that we do not have authority to implement part of the MS4 permit, then I would like a letter from our attorney stating that we do not have the authority. See attached letter from Madison County.

Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	8-Post Construction Stormwater Management Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-4av&vi	8.2.5	Perform Field Evaluations and Long-term Maintenance and Monitoring of Best Management Practices	If it is determined that the County has the authority to perform the inventory and maintenance of SWF, in years two (2) and three (3) within the county will create a inventory and inspection program that requires annual inspections of all public and private stormwater management facilities to evaluate performance and design	Storm water Quality, trash, Sediment & Paint, etc.	Hwy & P&Z
2023/2024/2025			No Activity		

Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	8-Post Construction Stormwater Management Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-4ai2	8.2.5	<i>Perform Field Evaluations and Long-term Maintenance and Monitoring of Best Management Practices</i>	<i>If it is determined that the County has the authority to perform the inventory and maintenance of SWF, for the remainder of the permit cycle years four (4) & five (5), within the County's MS4 boundary zoned districts, the county will implement the program and track all data in the annual report.</i>	<i>Storm water Quality, trash, Sediment & Paint, etc.</i>	<i>Hwy & P&Z</i>
2025/2026			No Activity		

Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	8-Post Construction Stormwater Management Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-4aiii	8.2.7	Low Impact Development/Green Infrastructure(LID/GI)	During the permit cycle, provide at least one LID/GI training to the County's Planning Commission & Staff	Storm water Quality, trash, Sediment & Paint, etc.	P&Z
		Date	Training Topic	Location	
		2/23 & 24/2023	MBNEP Nature Base Solutions	Robertsdale	
		P&Z Staff Attendance			
		Mary Booth			
		Celena Boykin			
		Matthew Brown			
		Ashley Campbell			
		Buford King			
		Shawn Mitchell			
		Cory Rhodes			

Name	Firm
Amberger, Nick	City of Mobile
Baltzer, Katherine	The Nature Conservancy
Bond, Daniel	City of Gulf Shores, Alabama
Booth, Mary	Baldwin Co Planning & Zoning
Boykin, Celena	Baldwin County Planning
Brown, Mary Kate	The Nature Conservancy
Brown, Matthew	Baldwin County Commission
Burmeister, Kim	City of Fairhope
Campbell, Ashley	Baldwin County Planning & Zoning
Campbell, Brad	
Combs, Nicholas	
Davis, Chasity	TOWN OF SUMMERDALE
Deyton, Hayden	Alabama Department of Environmental Management
Eames, Brittany	Baldwin County Education
Eckman, Angie	City of Foley
Ephriam, Troy	Ephriam & Associates
Fortune, Jj	Baldwin County Board of Education
Ginn, Rosemary	City of Mobile Engineering Dept.
Grant, Christopher	Thompson Engineering
Huettemann, Mary Brandon	Thompson Engineering
Jackson, Eric	
Kelson, Jeanette	WSP USA
King, Buford	Baldwin County Commission
Ledet, Cody	City of Daphne
Manelos, John	Clean Water Alabama-non-profit
McGonigal, Jacqueline	City of Orange Beach
Miles, Natasha	City of Daphne
Mitchell, Shawn	Baldwin Co Planning & Zoning
Rhodes, Cory	Baldwin County Planning
Rogers, Matt	
Saunders, Mark	Thompson Engineering
Slater, Lance	City of Mobile
Smith, Felicia	The Alabama Dept. of Environmental Management
Smith, Gregory	City of Robertsdale
Sweetser, Suzanne	Thompson Engineering, Inc.
Taylor, Nicole	South Alabama Regional Planning Commission
Walmsley, Ashtyn	Goodwyn Mills Cawood
Woerner, Caryn	Town of Elberta
Woods, John	Clean Water Alabama-non-profit

NATURE-BASED STORMWATER SOLUTIONS WORKSHOP

FEBRUARY 23-24, 2023

**BALDWIN COUNTY CENTRAL ANNEX
ROBERTSDALE, ALABAMA**

1.0 CEU (10 HOURS)

Certificate of Attendance

Ashley Campbell

Approved for 0.1 (10 hours) of Continuing Education Units from Auburn University

Eve Brantley

Eve Brantley, PhD, Director of Auburn University Water Resources Center
Auburn University Extension Specialist and Professor



BALDWIN
COUNTY, ALABAMA



NATURE-BASED STORMWATER SOLUTIONS

WORKSHOP

FEBRUARY 23-24, 2023

**BALDWIN COUNTY CENTRAL ANNEX
ROBERTSDALE, ALABAMA**

1.0 CEU (10 HOURS)

Certificate of Attendance

Mary Booth

Approved for 0.1 (10 hours) of Continuing Education Units from Auburn University

Eve Brantley

Eve Brantley, PhD, Director of Auburn University Water Resources Center
Auburn University Extension Specialist and Professor



BALDWIN
COUNTY, ALABAMA



NATURE-BASED STORMWATER SOLUTIONS WORKSHOP

FEBRUARY 23-24, 2023

**BALDWIN COUNTY CENTRAL ANNEX
ROBERTSDALE, ALABAMA**

1.0 CEU (10 HOURS)

Certificate of Attendance

Shawn Mitchell

Approved for 0.1 (10 hours) of Continuing Education Units from Auburn University

Eve Brantley

Eve Brantley, PhD, Director of Auburn University Water Resources Center
Auburn University Extension Specialist and Professor



BALDWIN
COUNTY, ALABAMA



NATURE-BASED STORMWATER SOLUTIONS WORKSHOP

FEBRUARY 23-24, 2023

**BALDWIN COUNTY CENTRAL ANNEX
ROBERTSDALE, ALABAMA**

1.0 CEU (10 HOURS)

Certificate of Attendance

Cory Rhodes

Approved for 0.1 (10 hours) of Continuing Education Units from Auburn University

Eve Brantley

Eve Brantley, PhD, Director of Auburn University Water Resources Center
Auburn University Extension Specialist and Professor



BALDWIN
COUNTY, ALABAMA



Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	8-Post Construction Stormwater Management Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-4aiii</i>	8.2.7	<i>Low Impact Development/Green Infrastructure(LID/GI)</i>	<i>During the permit cycle, sponsor or provide at least one LID/GI training (workshops) to developers, consultants and engineers</i>	<i>Storm water Quality, trash, Sediment & Paint, etc.</i>	P&Z
		Date	Training Topic	Location	
		2/23 & 24/2023	MBNEP Nature Base Solutions	Robertsdale	

SAVE THE DATE!

NATURE-BASED STORMWATER SOLUTIONS

WORKSHOP
FEBRUARY 23-24, 2023

1.0 CEU (10 HOURS) | \$175
BALDWIN COUNTY CENTRAL ANNEX
ROBERTSDALE, ALABAMA

Connect with municipalities, consultants, engineers, designers and others to foster use of low impact green infrastructure technologies

Registration waived for local government and nonprofit representatives
(registration still required)

CEU's approved from Auburn University

Workshop Sponsorships available for \$250
(includes one registration, logo on agenda, and recognition throughout)

REGISTRATION
[HTTP://AUB.IE/STORMWATERSOLUTIONS](http://aub.ie/stormwatersolutions)

AGENDA COMING SOON
QUESTIONS? LAURA.BELL@AUBURN.EDU



Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	8-Post Construction Stormwater Management Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-4b</i>	<i>8.4</i>	<i>Program Evaluation</i>	<i>Throughout the permit cycle, review the Post Construction minimum control measure strategies and goals achieved and prepare an annual report and update the SWMPP.</i>	<i>Storm water Quantity, Trash, Sediment</i>	<i>P&Z</i>
2022/2023			Comment		
			The Post Construction MCM strategies and goals have been achieved.		
			The county will continue to review and update its Post Construction Program.		

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution Prevention/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-5ai	9.2.1.1	County Owned Facilities	Throughout the permit cycle, within the County's MS4 boundary, update county facility inventory as needed	All	Hwy & P&Z
	MS4 Area	Facility	Use		
		Buildings	Use		
	City of Fairhope	Fairhope Satellite Court House	Court House		
	Baldwin County	Ellisville Community Center	Community Center		
	City of Fairhope	Brats Bus Station	Bus Office		
		Fueling Facility	Use		
	City of Fairhope	AST Fueling Tanks-Court House	Fueling Pumps		
		Landfill	Use		
	Baldwin County	McBride Landfill	ADEM Permitted Landfill		
		Parks and Boat Ramps	Use		
	Baldwin County	Mullet Point Park	Water Access		
	Baldwin County	View Point Boat Ramp	Water Access		

Table 8-1 Baldwin County Phase II MS4

MCM 4 Post Construction Stormwater Management in New and Redevelopment Sites Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-5ai</i>	9.2.1.2	<i>County Owned Facilities</i>	<i>Throughout the permit cycle, within the County's MS4 boundary, create and updated assessments and Standard Operating Guidance (SOG) for facilities as needed</i>	<i>All</i>	<i>Hwy & P&Z</i>
Document			Year		
Draft MS4 Facility Assessment Form			2022/2023		
Standard Operating Guidance			2024/2025		

MS4 FACILITY ASSESSMENT

Baldwin County MS4 Program

Facility Name:	
Address:	
PIN:	
Facility Type:	

Date:	
Inspector:	

Grounds	
Yes No NA	Dumpster Area Clean
Comment:	
Yes No NA	Stormwater Detention Maintained
Comment:	
Yes No NA	Stormwater Outfall Stable
Comments:	
Yes No NA	Stormwater Conveyances (swales, drains, ditches, inlets) Stable
Comments:	
Yes No NA	Nature Based Solutions-Low Impact Development Techniques Installed
Comments:	
Yes No NA	Parking Lot Free of Trash and Debris
Comments:	
Yes No NA	Erosion Noted (Need to Revegetate with Grass, Shrubs, Trees)
Comments:	
Yes No NA	Vehicle Storage
Comments:	
Yes No NA	Vehicle Washing
Comments:	
Yes No NA	Parking Lot Free of Trash and Debris
Comments:	

Building

Yes No NA Recycling Program

Comments:

Yes No NA Hazardous Waste Storage

Comment:

Yes No NA Materials Safety Data Sheet

Comment:

Yes No NA Environmental Signage Installed

Comment:

Fueling Area

Yes No NA Fueling Area

Comments:

Yes No NA Permits Displayed

Comments:

Yes No NA SPCC

Comments:

Yes No NA Spill Cleanup Kit Onsite

Comments:

Policy/Procedures

High Medium Low Facility's Environmental Pollution Risk

Yes No	Site Map
Yes No	Pictures

Staff Training Needed

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-5a</i>	9.2.1.2	ADEM permit	<i>Throughout the permit cycle, within the County's MS4 boundary, report county ADEM permits (UST, etc.) and compliance records in annual report</i>	Oil & Gas	P&Z
Permit #/ Facility ID		Description			
501-G133-X001v1.0		State 1 Air Permit for Fueling Operation			
20581-003-018158		Above Ground Storage Tank			

===== ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT =====
C E R T I F I C A T E o f R E G I S T R A T I O N
===== ABOVEGROUND STORAGE TANKS =====

ADEM

2022

ADEM Facility ID 20581-003-018158

FAIRHOPE SATELLITE COURTHOUSE
1100 FAIRHOPE AVENUE
FAIRHOPE, AL 36532



AST Certificates will no longer be mailed. Please visit the CUSTARD pages to download your certificate annually as needed.

Owner: BALDWIN COUNTY COMMISSION
 312 COURTHOUSE SQUARE SUITE 18
 BAY MINETTE, AL 36507

Certificate is valid through April 15, 2023

This

Please display this certificate in a prominent location near the business license.

Fuel spills and delivery overfills must be immediately cleaned and all spills/overfills over 25 gallons are required to be reported to the Department within 24 hours. Spills/overfills under 25 gallons that are immediately cleaned and are not released into the environment, are not required to be reported. For ADEM's Emergency Response, call 1 (800) 434-8802.

For questions relating to regulations, testing, tank trust fund eligibility, or compliance, please call (334) 270-5655 and leave a detailed voice mail message.

Document and compliance testing submittals may be emailed to ustcompliance@adem.alabama.gov or mailed to ADEM, Groundwater Branch, Land Division, PO box 301463, Montgomery, AL 36130-1463.

For form downloads and other information go to <http://www.adem.alabama.gov/custard>

- ◆ This Certificate does not indicate that a facility is operating in compliance.
- ◆ This Certificate does not imply eligibility for the State Trust Fund.

Number of active aboveground tanks:	1
Number of underground tanks currently in use:	0
Number of underground tanks temporarily closed:	0

=====

PERMIT

501-G133-X001 v1.0



PERMIT CATEGORY Stage 1 Air Permit

ISSUED ON 04/09/2001

EFFECTIVE ON 04/09/2001

EXPIRES ON

Permittee

BALDWIN CO. COMM.

Agency Contact

Rebecca Arthur

Rebecca.arthur@adem.alabama.gov

(334) 271-7700

Rebecca.arthur@adem.alabama.gov

(334) 271-7700

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-5aiv	9.2.2	Structural Controls Roads & Bridges	Throughout the permit cycle, the county's stormwater management system (Structural Controls) inventory will be updated and controls will maintained. Track data in the annual report.	Trash & Sediment	Hwy
Date			Inventory and Maintenance		
2022/2023			Complete		

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-5ajv</i>	9.2.2.4	<i>Capital Stormwater Projects</i>	<i>Throughout the permit cycle, within the County's MS4 boundary, zoned districts, inspect County projects for environmental compliance, track and report in annual report</i>	<i>All</i>	<i>Hwy & P&Z</i>
County Projects		Inspections			
None		None			

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-5aiv	9.2.3.5	Structural Controls Roads & Bridges	Through out the permit cycle, within the County's MS4 boundary, inspect bridges twice during permit cycle	Trash & Sediment	Hwy
Feature Intersected	Bridge Location	Structure Number	Agency	Bridge ID	Inspection Date
Red Gully Creek	1.6 Miles South of CO.RD 64	0C00098 020000014300		15224	12/29/2022
Corn Branch	4.2 Miles East of CO. RD 27	0C00064 020000004700		15457	3/22/2023
Bailey Creek	0.1 Miles South of CO.RD 32	0C00003 020000011100		18296	10/19/2021
Point Clear Circle	0.5 Miles West of CO. RD 3	0C00000 020000016100		19841	10/10/2022
Coney Branch	0.11 Miles West of Bosbyshell	0C00000 020000023500		21446	7/18/2022
Rock Creek	3.2 Miles South of CO. RD 64	0C00098 020000005500		16187	3/23/2022
Point Clear CR(2)	500' West of Polorange Drive	0C00000 020000024500		21721	11/8/2022
Point Clear Creek	1.3 Miles West of CO. RD 32	0C00098 020000005400		17078	4/25/2023
Coney Branch (2)	0.4 Miles West of CO.RD 54W	0C00000 020000015100		19036	1/25/2023
Drainage	1 Mile North of CO.RD 3	0C00003 020000023400		21209	12/9/2021
Fly Creek	3.7 Miles South of CO.RD 64	0C00098 020000005600		16188	3/23/2022

Structure Inventory and Appraisal

STR. NUM.: OCO0098 020000005600

Date: _____

Sheet: 1 of 9

Printed: 5/16/2023

FORM: BI-6
BIN: 016188

1 REC

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	016188	
8) NBI STRUCTURE NO	016188	
NAME	?????????????????????????????	

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	_____
1B) FHWA REGION	Region 4-Atlanta	_____
2) AREA	Mobile	_____
3) COUNTY	Baldwin	_____
4) CITY/TOWN/PLACECODE	Unknown	_____
6A) FEATURE INTERSECTED	FLY CREEK	_____
7) FACILITY CARRIED	COUNTY ROAD 98	_____
9) LOCATION	3.7 MI. S. OF CO. RD. 64	_____
16) LATITUDE	30D 33M 04.540S	___ D ___ M ___ S
17) LONGITUDE	87D 53M 55.140S	___ D ___ M ___ S
98AA) BORDER STATE	Not Applicable (P)	_____
98B) SHARE(%)	0	_____ %
98AB) BORDER FHWA REGION	Not Applicable	_____
99) BORDER STRUCT NO	-	_____

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	1996	_____
106) YEAR RECONSTRUCT	0	_____
42A) TYPE OF SERVICE ON	1 Highway	_____
42B) UNDER	5 Waterway	_____
28B) LANES UNDER	0	_____

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	_____
22) OWNER	County Hwy Agency	_____
ALDOT DISTRICT	District 2	_____

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	_____
101) PARALLEL STRUCTURE	No bridge exists	_____
103) TEMPORARY STRUCTURE	Not Applicable (P)	_____
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	_____

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005600

Date: _____
 Sheet: 9 of 9
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1 REC

INSPECTION		CURRENT
90) INSPECTION DATE		3/23/2022
91) FREQUENCY		24 mo
93A) FC INSPECTION DATE		N/A
92A) FC FREQUENCY		
93B) UW INSPECTION DATE		N/A
92B) UW FREQUENCY		
93C) SPECIAL INSPECTION DATE		N/A
92C) SPECIAL FREQUENCY		

CONDITION		CURRENT
58) DECK		6 Satisfactory
59) SUPER		6 Satisfactory
60) SUB		7 Good
61) CHANNEL/CHANNEL PROTECTION		8 Protected
62) CULVERT		N N/A (NBI)

BRIDGE REPLACEMENT		CURRENT
PROGRAM YEAR		0
PRIORITY		X
LOAD DEFICIENCY POINTS		0.0000
WIDTH DEFICIENCY POINTS		7.7000
VERT. CIR. DEFICIENCY POINTS		0.0000
CONDITION DEFICIENCY POINTS		0.0000
TOTAL DEFICIENCY POINTS		7.7000
LOCAL RANK		39 of 838
STATEWIDE RANK		4,958 of 11,124

 INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. or ALA. PROF. ENGR. NO

 REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Structure Inventory and Appraisal

STR. NUM.: OCO0098 020000005600

Date: _____

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BIN: 016188

1 REC

Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	1 Concrete-Cast-in-Place	_____
108A) DECK SURFACE TYPE	0 None	_____
108B) DECK MEMBRANE TYPE	0 None	_____
108C) DECK PROTECTION	None	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ ft
52) DECK WIDTH	32.50 ft	_____ ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	5,684.25	_____ (SF)

STRUCTURE STATUS		
	CURRENT	NEW
BRIDGE STATUS	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	7	_____
43A) MAIN SPANS MATERIAL	2 Concrete Continuous	_____
43B) MAIN SPANS DESIGN	01 Slab	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	24.90 ft	_____ ft
49) STRUCTURE LENGTH	174.90 ft	_____ ft
TOTAL LENGTH	174.90 ft	_____ ft

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005600

Date: _____
 Sheet: 3 of 9
 Printed: 5/16/2023

FORM: BI-6
 BIN: 016188

1 REC

Inventory - Roads Subtask

IDENTIFICATION		
	CURRENT	NEW
ROAD/ROUTE NAME	COUNTY ROAD 98	_____
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	1 Mainline	_____
5D) RTE#	00098	_____
5E) SUFFIX	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION		
	CURRENT	NEW
11) KILOMETER/MILE POINT	0.006 mi	_____mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00980	_____
13B) SUB#	00	_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	19 Urban Local	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC		
	CURRENT	NEW
28A) LANES	2	_____
SPEED	35 mph	_____mph
29) RECENT ADT	4,830	_____
30) YEAR	2022	_____
109) TRUCK %	1%	_____%
114) FUTURE ADT	6,521	_____
115) FUT. YEAR	2042	_____

ALTERNATE CLASSIFICATIONS		
	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	No	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	No	[]
NBI RTE.	Yes	[]

Structure Inventory and Appraisal
STR. NUM.: OCO0098 020000005600

Date: _____

Sheet: 4 of 9

Printed: 5/16/2023

FORM: BI-6
BIN: 016188

1 REC

Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.99 ft	_____ft
47) HORIZONTAL	29.90 ft	_____ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	40.00 ft	_____ft
51) ROADWAY	29.90 ft	_____ft

DETOURS		
	CURRENT	NEW
19) LENGTH	1.00 mi	_____mi

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005600

Date: _____
 Sheet: 5 of 9
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 BIN: 016188

1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION		
	CURRENT	NEW
201) LOCAL IDENTIFIER	0056	_____
215) PREVIOUS STRUCTURE BIN(s)	4131	_____
298) REPLACEMENT BIN	0	_____
214) ADJACENT MAINLINE BIN	0	_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT	01	_____
207) SENATE DISTRICT	32	_____
208) HOUSE DISTRICT	094	_____
297) LOCAL COMMISSION DISTRICT	02??	_____
294) BRIDGE NAME / DESIGNATOR	?	_____
210) CPMS REFERENCE NUMBER	NNNNNNNNNN	_____
292) PROJECT NUMBER	NNNNNNNNNNNNNNNNNNNN	_____
ALABAMA ID	OCO0098 020000005600	_____
ALDOT REGION	Southwest Region	_____

INSPECTION		
	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	0	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.	0	_____
219A) SNOOPER INSP. REQUIRED		_____
219B) SNOOPER INSP. FREQUENCY	0	_____
220) LAST SNOOPER INSPECTION DATE	01/01/1900	____/____/____
224A) SCOUR INSPECTION REQUIRED	Scour Monit. Req'd	_____
224B) SCOUR INSPECTION FREQUENCY	24 mo	_____mo
224C) SPECIAL INSPECTION DETAIL INDICATOR	No Special Details	_____
225A) SCOUR COUNTERMEASURES REQUIRED	Scour Counterterm Not Req'd	_____
225B) SCOUR COUNTERMEASURES PLANNED	01/01/1900	____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED	01/01/1900	____/____/____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION	Eval Based on Scour Cal	_____
FOUNDATION TYPE	Pile	_____
FOUNDATION ELEVATION	Known	_____
STREAMBED MATERIAL	Sand/Clay	_____

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005600

Date: _____
 Sheet: 6 of 9
 Printed: 5/16/2023

FORM: BI-6
 BIN: 016188

1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	93.90	_____ ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	56.40	_____ ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	AASHTO BARS	_____
	Not Rated / Analyzed	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	12/01/1995	xxxxxxxx
253) RATING STATUS	Rating Published	_____
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	48.2	_____ ton
254B) LOAD TYPE TWO-AXLE	74.9	_____ ton
254C) LOAD TYPE TRI-AXLE DUMP	66.3	_____ ton
254D) LOAD TYPE CONCRETE TRUCK	64.9	_____ ton
254E) LOAD TYPE 18 WHEELER	98.0	_____ ton
254F) LOAD TYPE SIX-AXLE	98.0	_____ ton
254G) LOAD TYPE SCHOOL BUS	61.0	_____ ton
254H) LOAD TYPE EV2	0.0	_____ ton
254I) LOAD TYPE EV3	0.0	_____ ton
257) REASON POSTED	Superstructure	_____
	None / Condition Noted	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE	01/01/1900	____/____/____
259) POSTING CHART INDICATOR	Include on Posting Chart	_____
261) DATE OF TEMPORARY STRENGTHENING	01/01/1900	____/____/____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN	SPECIAL	_____
266) STANDARD DRAWING APPROACH SPAN	????????????????	_____
31) LIVE LOAD	5 MS 18 (HS 20)	_____

Structure Inventory and Appraisal

STR. NUM.: OCO0098 020000005600

Date: _____

Sheet: 7 of 9

Printed: 5/16/2023

FORM: BI-6

BIN: 016188

1 REC

Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Not Applicable	_____
233A) NUMBER OF BARRELS OR PIPES	0	_____
233B) BARREL LENGTH	0.00 ft	_____ft
233C) BARREL SPAN	0.00 ft	_____ft
233D) BARREL HEIGHT	0.00 ft	_____ft
233E) DEPTH OF FILL	0.00 ft	_____ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Horz & Sag Vert Curves	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Pile Bent	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Reinforced Concrete	_____
244C) BEGIN ABUTMENT CAP TYPE	Cast in Place	_____
244D) BEGIN ABUTMENT FOUNDATION	Prestress Concrete Piles	_____
245A) ENDING ABUTMENT TYPE	Pile Bent	_____
245B) ENDING ABUTMENT CAP MATERIAL	Reinforced Concrete	_____
245C) ENDING ABUTMENT CAP TYPE	Cast in Place	_____
245D) ENDING ABUTMENT FOUNDATION	Prestress Concrete Piles	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Prestressed Concrete	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	5 or + Column Pier Bent	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Reinforced Concrete	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Cast-in-Place	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Prestressed Conc. Piles	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED	01/01/1900	____/____/____
271A) PRIMER PAINT TYPE	Not Applicable	_____
271B) INTERMEDIATE PAINT TYPE	Not Applicable	_____
271C) FINISH PAINT TYPE	Not Applicable	_____
271D) UNDERCOAT PAINT TYPE	Not Applicable	_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST	0.00	_____

Structure Inventory and Appraisal

STR. NUM.: OCO0098 020000005600

Date: _____

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Printed: 5/16/2023

FORM: BI-6

BIN: 016188

1 REC

Appraisal Task

STRUCTURAL APPRAISAL		
	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	xxxxxx
72) APPROACH ALIGNMENT	8 Equal Desirable Crit	_____
36A) BRIDGE RAILINGS	1 Meets Standards	_____
36B) TRANSITIONS	1 Meets Standards	_____
36C) APPROACH GUARDRAIL	1 Meets Standards	_____
36D) APPROACH GUARDRAIL ENDS	1 Meets Standards	_____
111) PIER PROTECTION	Not Applicable (P)	_____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS		
	CURRENT	NEW
67) STRUCTURAL EVALUATION	6 Equal Min Criteria	xxxxx
68) DECK GEOMETRY	4 Tolerable	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	82.50	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	82.29	xxxxx%

CLEARANCES		
	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	99.99 ft	_____ ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	328.05 ft	_____ ft
56) LEFT SIDE	0.00 ft	_____ ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ ft

NBI LOAD RATINGS		
	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	_____
RATING DATE	12/01/1995	xxxxx
31) DESIGN LOAD	5 MS 18 (HS 20)	xxxxxxx
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	93.90	_____ ton
65) INVENTORY TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	56.40	_____ ton

Bridge Maintenance Needed

FORM: BI-9

STR. NUM.: OCO0098 020000005600

Sheet: 1 of 1
Printed: 5/16/2023

BIN: 016188

1 REC

INSPECTED BY: _____

DATE: _____

REVIEWED BY: _____

DATE: _____

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
B06	B06 MINOR DECK REP - CONCRETE	SF	1.00	Medium	

NC: _____ REMARK: REPAIR SPALL ON UNDERSIDE OF DECK.
 C: _____ NEW QTY: _____ NEW PRIORITY: _____
 NEW REMARK: _____

B12	B12 MINOR SUPER REP-CONCRETE	HR	8.00	Medium	
-----	------------------------------	----	------	--------	--

NC: _____ REMARK: CLEAN/PATCH SPALLS ON PILING CAP AT ABUT. 8.
 C: _____ NEW QTY: _____ NEW PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

General Narrative Form

FORM: BI-13
BIN: 016188

STR. NUM.: OCO0098 020000005600

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

USER ID	DATE	TYPE	COMMENTS
Pontis	01/01/1995	R	RYF STRUCTURE: 7 SPAN CONTINUOUS (25' SPANS) CONCRETE SLAB TO BE CONS CONSTRUCTED UNDER PROJ.# 406300.10 SET 1.
Pontis	12/18/1995	R	GHC RCVD PROJECT DWGS FROM BALDWIN CO TO RATE BRIDGE (LOANER).
Pontis	12/27/1995	R	RYF RATED USING LF. MF BARS R5.5M2.0 AND R5.3. INV = 2 56 OPER = 2 94 : POST = LEGAL ALL VEHICLES. *USED R5.3 BECAUSE R5.5 WOULD NOT PRINT RESULT REPORT PAST CHECK PT. 2.5.
Pontis	02/05/1998	G	GM 60 SUBSTRUCTURE 60.1.F. EROSION/SCOUR MODERATE UNDERMINING OF EMBANKMENT MATERIAL OCCURING UNDERNEATH BOTH ABUTMENT CAPS, CAUSING ROADWAY TO INDENT ADJACENT TO BRIDGE ENDSLAB.
Pontis	02/22/2000	G	WHM * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 58-DECK 58.2-STRUCTURAL: SPAN 1 SHOWS 75MM ROUND SPALL AT MIDSPAN UNDERNEATH LEFT SIDE. 58.6-RAILING: SPAN 1 SHOWS 0.9 LONG VERTICAL CRACK THROUGH BARRIER RAIL/RIGHT SIDE. SPAN 5 SHOWS (3) HORIZONTAL CRACKS W/EFFLORESCENCE, 2MM WIDE AND UP TO 84MM LONG. 60-SUBSTRUCTURE 60.2.A-BENTS/CAPS: ALL RISER BLOCKS SHOW EXPOSED AGGREGATE. 36-TRAFFIC SAFETY FEATURES 36.D-END TREATMENT: REFLECTORS HAVE BEEN DAMAGED.
Pontis	03/19/2002	G	WHM *SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 58-DECK 58.2-STRUCTURAL: DECK SHOWS EXPOSED AGGREGATE AND MINOR POPOUTS LOCATED THROUGHOUT. UNDERSIDE OF DECK AT SPAN 7 SHOWS TRANSVERSE HAIRLINE CRACKS. 58.6-RAILING: BARRIER RAIL SHOWS EXPOSED AGGREGATE LOCATED THROUGHOUT. ABUT. 1 SHOWS SPALLS AT END UP TO 3" ROUND. HAIRLINE CRACKS WITH EFFLORESCENCE LOCATED THROUGHOUT. 60-SUBSTRUCTURE 60.1.A.-ABUT./CAPS: ABUT. 8/CAP SHOWS MINOR SPALLING AROUND WEEPHOLES IN NEAR FACE. 60.2.A-BENTS/CAPS: RISER BLOCK AT BENT 5/LEFT SIDE SHOWS SPALLING OF OUTSIDE FACE. 275-APPROACH ROADWAY CONDITION: ABUT. 1/RIGHT LANE WITH POTHOLE AT AT TRANSITION AND MINOR SETTLEMENT OF BOTH APPROACHES.
Pontis	03/09/2004	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 58-DECK 58.2-STRUCTURAL: SPAN 1 UNDERSIDE OF DECK SHOWS HAIRLINE CRACK WITH EFFLORESCENCE ENTIRE LENTH OF SPAN(CAP TO CAP)ON CENTERLINE. 60-SUBSTRUCTURE 60.2.D.1-BENT PILES: BENTS 4,5,AND 6 SHOW EXPOSED AGGREGATE IN WET DRY ZONE (MUDLINE UP TO 3').
Pontis	03/15/2006	R	WHM 58-DECK 58.8-DRAINS: SAND/DEBRIS HAS COLLECTED IN GUTTERLINES. 58.6-RAILING: BARRIER RAIL SHOWS SEVERAL POPOUTS ON TOP FACE LOCATED THROUGHOUT. 275-APPROACH ROADWAY CONDITION: MINOR SETTLEMENT AT BOTH APPROACHES.
Pontis	02/25/2008	G	PJP * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 58-DECK 58.2-STRUCTURAL:HAIRLINE LONGITUDINAL CRACK FROM ABUT.1 TO BENT 2 AT CENTERLINE. HAIRLINE TRANSVERSE CRACKS OVER ALL BENTS. HAIRLINE LONG. CRACK FROM BENT 3 TO BENT 4 IN CENTER OF LEFT LANE. HAIRLINE LONG. CRACK FROM BENT 4 TO BENT 5 IN CENTER OF LEFT LANE. HAIRLINE LONG. CRACK ON UNDERSIDE OF DECK FROM ABUT.3 TO ABUT. 4 AT MIDSPAN W/ EFFLORESCENCE. 58.6-RAILINGS: OUTSIDE OF BARRIER RAIL FASCIA SHOWS VERTICAL HAIRLINE CRACKS OVER BENTS W/ EFFLORESCENCE THROUGHOUT. 60-SUBSTRUCTURE 60.1.A-CAPS: 2' LONG X 1' WIDE X 3" DEEP SPALL AT ABUT.8 CAP ON LEFT SIDE. 36-TRAFFIC SAFETY FEATURE 36.D-END TREATMENT: TIMBER GUARDRAIL POSTS AND SPACER BLOCKS ARE IN LIGHT TO MODERATE STAGE OF DECAY.

Pontis	02/22/2010	R	WHM 60-SUBSTRUCTURE 60.1.A-ABUT./CAPS: 6" ROUND SPALL 1" DEEP ON RIGHT END OF ABUT. 1/CAP. 60.2.D.1-BENT/PILES: BENT 3/PILE B SHOWS A SPALL 1'L X 5"W X 1/2"D.
Pontis	02/15/2012	G	MWS * SAME AS PREVIOUS INSPECTIONS W/NO ADDITIONS:
Pontis	02/26/2014	R	WHM ***NO ADDITIONAL DEFICIENCIES NOTED AT THIS INSPECTION***
MackeyW	04/20/2016	G	58-Deck 58.2-Structural: Span 1 shows a hairline longitudinal crack along the centerline. Shows hairline transverse cracks over bents located throughout. Deck shows very minor abrasion throughout. Spans 1 & 3 show longitudinal cracks with efflorescence on the underside of the deck along the centerline. Span 1 shows a spall at the drain on the underside-5"l x 5"w x 3/4"d. 60-Substructure 60.1.a-Abut./caps: Abut. 8 cap shows a spall 7' from the West end-2'l x 1'w x 1"d. 60.2.d.1-Bents/piles: Bent 5/Pile 5 shows a spall 6' below the cap-4"l x 1"w x 1/2"d. Bent 3/Pile 2 shows a spall 10"l x 5"w x 1/2"d. Bents 4-6 piles show abrasion in the wet/dry zone.
thweattd	03/28/2018	G	58 Deck: Horizontal and Longitudinal cracks noted in prior inspections now have a Width of .020" (CS 2). Rest of the deck has the onset of light abrasion. Rest of the deck has been placed in CS 2 for Abrasion. No other defects found on the Superstructure or Substructure.

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 016188

STR. NUM.: OCO0098 020000005600

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION

AREA: Mobile

DISTRICT: 02

COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 17.06
ELEV BASIS: A
ELEV EQ: 0.00 = 0.00
SND/ELEV IND: S

SNDRING DATE: 03 2022 VIEW: L OFST RMRK: FROM CENTERLINE
LOCATION OF BM: TOP LT. RAIL STA.
STATION EQ: 0 + 0.0000 = 10 + 0.2600

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	3.0000	ABUT 1		
0 + 12.1400	7.5000	MIDSPAN		
0 + 24.9300	12.0000	BENT 2		
0 + 37.0700	17.0000	MIDSPAN		
0 + 49.8700	19.5000	BENT 3		
0 + 58.0700	19.5000	EDGE OF WATER		
0 + 62.0100	24.2000	MIDSPAN		
0 + 75.1300	24.9000	BENT 4		
0 + 86.9400	24.1000	MIDSPAN		
1 + 0.0000	23.4000	BENT 5 T.O.W.=21.1		
1 + 6.9600	22.8000	EDGE OF WATER		
1 + 11.8800	18.1000	MIDSPAN		
1 + 25.0000	15.4000	BENT 6		
1 + 37.1400	13.9000	MIDSPAN		
1 + 49.9300	11.0000	BENT 7		
1 + 62.0700	8.0000	MIDSPAN		
1 + 74.8700	3.3000	ABUT 8		

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 016188

STR. NUM.: OCO0098 020000005600

Sheet: 2 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION		
AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY			
OFFSET: 17.06	SNDING DATE: 03 2022	VIEW: R	OFST RMRK: FROM CENTERLINE
ELEV BASIS: A	LOCATION OF BM: TOP LT. RAIL STA 30.48		
ELEV EQ: 0.00 = 0.00	STATION EQ: 0 + 0.0000 = 10 + 0.2600		
SND/ELEV IND: S			

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	5.2000	ABUT 1		
0 + 12.1400	7.2000	MIDSPAN		
0 + 24.9300	9.7000	BENT 2		
0 + 37.0700	12.9000	MIDSPAN		
0 + 49.8700	16.9000	BENT 3		
0 + 62.0100	18.6000	MIDSPAN		
0 + 75.1300	20.8000	BENT 4		
0 + 86.9400	23.0000	MIDSPAN EDGE OF WATER		
1 + 0.0000	23.6000	BENT 5		
1 + 11.8800	25.1000	T.O.W. = 20.7 MIDSPAN		
1 + 25.0000	24.0000	BENT 6		
1 + 31.8900	20.0000	EDGE OF WATER		
1 + 37.1400	20.1000	MIDSPAN		
1 + 49.9300	15.1000	BENT 7		
1 + 62.0700	10.0000	MIDSPAN		
1 + 74.8700	3.6000	ABUT 8		

Inspection Report

FORM: BI-5
BIN: 016188

1 REC

STR. NUM.: OCO0098 020000005600
Area: Mobile

Sheet: 1 of 3
Printed: 5/16/2023

INSPECTION	
PREVIOUS INSP.: Dustin Thweatt	
PREVIOUS DATE: 03/23/2022	NEW DATE: _____
PREVIOUS INSP. TYPE: Regular NBI	NEW INSP. TYPE: _____

RATING		
	CURRENT	NEW
58) DECK RATING	6	_____
59) SUPERSTRUCTURE RATING	6	_____
60) SUBSTRUCTURE RATING	7	_____
61) CHANNEL & CHANNEL PROTECTION	8	_____
62) CULVERT RATING	N	_____

REMARKS
Deck / Super 6: Due to abrasion on deck, cracking at the bents and underside cracking of deck at spans 1 & 3 with efflorescence.
Sub 7: Spalls located on caps and piles. Piles in channel show abrasion in wet and dry zone.

MISCELLANEOUS		
	CURRENT	NEW
71) WATERWAY ADEQUACY	8	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	8	_____
36) TRAFFIC SAFETY FEATURES		
A) BRIDGE RAIL	1	_____
B) TRANSITION	1	_____
C) APPROACH RAIL	1	_____
D) END TREATMENT	1	_____
LOAD POSTING SIGNS:		
A) REQUIRED		_____
B) PRESENT		_____
C) VISIBLE		_____
D) LEGIBLE		_____

Inspection Report

FORM: BI-5
BIN: 016188

STR. NUM.: OCO0098 020000005600
1 REC

Area: Mobile

Sheet: 2 of 3
Printed: 5/16/2023

PREVIOUS DATE: 03/23/2022

NEW DATE: _____

STRUCTURE UNIT: 1

	ELEM #	ELEMENT NAME	ENV	QUANTITY	UNITS	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
CURRENT:	38	Re Concrete Slab	2	5,684	sq.ft	0.00	5,680.00	4.00	0.00
NEW:									
NOTES:	_____								
CURRENT:	1130	Cracking (RC and Other)	2	798	each	0.00	794.00	4.00	0.00
NEW:									
NOTES:	Cracking over bents and cracks on underside of bridge with efflor. under spans 1 and 3 20' crack span 1 topside (0.100W) 2' CS 3 due to width span 7 crack length of span (0.080 width) 2SF CS 3 due to width Span 2 crack length of span (0.050) 1SF CS 2 span 3 crack length of span (0.022) 1SF CS 2 Cracks over all 6 bent measurements are 22'X6"= 132SF X 6= 792 SF CS 2 due to width								
CURRENT:	1190	Abrasion(PSC/RC)	2	4,886	each	0.00	4,886.00	0.00	0.00
NEW:									
NOTES:	abrasion throughout deck								
CURRENT:	226	Pre Conc Pile	2	40	(EA)	22.00	16.00	2.00	0.00
NEW:									
NOTES:	-								
CURRENT:	1080	Delamination/Spall/Patched /	2	3	each	0.00	1.00	2.00	0.00
NEW:									
NOTES:	Bent 5 pile 5 shows spall 6' below pile cap 4" X 1" X 1/2" - Already Captured CS 2 for abrasion in channel piles Bent 2 pile 2 shows spall 10" X 5" X 1" - CS 3 due to length of spall Bent 3 pile 2 shows spall 1' X 5" X 1/2" - CS 3 due to length of spall bent 6 pile 5 shows spall 2" X 2" X 1" - CS 2								
CURRENT:	1190	Abrasion(PSC/RC)	2	15	each	0.00	15.00	0.00	0.00
NEW:									
NOTES:	abrasion on piles in channel								
CURRENT:	234	Re Conc Pler Cap	2	280	ft	277.00	0.00	3.00	0.00
NEW:									
NOTES:	-								

Inspection Report

FORM: BI-5
BIN: 016188

STR. NUM.: OCO0098 020000005600
1 REC Area: Mobile

Sheet: 3 of 3
Printed: 5/16/2023

PREVIOUS DATE: 03/23/2022

NEW DATE: _____

CURRENT: 1080 Delamination/Spall/Patched / 2 3 each 0.00 0.00 3.00 0.00

NEW:

NOTES: abut 1 cap shows spall 6" Round X 1" Deep on right end. - CS 3 due to diameter
Abut 8 cap shows spall 2'L X 1'W X 1"D. - CS 3 due to diameter

CURRENT: 331 Re Conc Bridge Railing 2 350 ft 338.00 12.00 0.00 0.00

NEW:

NOTES: -

CURRENT: 1130 Cracking (RC and Other) 2 12 each 0.00 12.00 0.00 0.00

NEW:

NOTES: 12 hairline cracks throughout barrier rail

REASON FOR INSP. _____

INSPECTOR'S SIGNATURE _____

DATE _____

INSP. NBIS CERT NO. _____

ALA. PROF. ENGR. NO. _____

REVIEWER'S SIGNATURE _____

DATE _____

REVIEWER'S TITLE _____

Structure Inventory and Appraisal

Date: _____

FORM: BI-6

STR. NUM.: OCO0003 020000023400

Sheet: 1 of 9

BIN: 021209

1 REC

Printed: 5/16/2023

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	021209	
8) NBI STRUCTURE NO	021209	
NAME	County Rd 3 over Drainage	

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	
1B) FHWA REGION	Region 4-Atlanta	
2) AREA	Mobile	
3) COUNTY	Baldwin	
4) CITY/TOWN/PLACECODE	Unknown	
6A) FEATURE INTERSECTED	Drainage	
7) FACILITY CARRIED	County Road 3	
9) LOCATION	1 MI N of CR 32	
16) LATITUDE	30D 29M 10.320S	D _ M _ S
17) LONGITUDE	87D 54M 10.850S	D _ M _ S
98AA) BORDER STATE	Not Applicable (P)	
98B) SHARE(%)	0	%
98AB) BORDER FHWA REGION	Not Applicable	
99) BORDER STRUCT NO	-	

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	2017	
106) YEAR RECONSTRUCT	0	
42A) TYPE OF SERVICE ON	1 Highway	
42B) UNDER	9 Relief for waterway	
28B) LANES UNDER	0	

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	
22) OWNER	County Hwy Agency	
ALDOT DISTRICT	District 2	

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	
101) PARALLEL STRUCTURE	No bridge exists	
103) TEMPORARY STRUCTURE	Not Applicable (P)	
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	

Structure Inventory and Appraisal
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FORM: BI-6
BIN: 021209 1 REC

INSPECTION		CURRENT
90) INSPECTION DATE		12/9/2021
91) FREQUENCY		24 mo
93A) FC INSPECTION DATE		N/A
92A) FC FREQUENCY		N/A
93B) UW INSPECTION DATE		N/A
92B) UW FREQUENCY		N/A
93C) SPECIAL INSPECTION DATE		N/A
92C) SPECIAL FREQUENCY		

CONDITION		CURRENT
58) DECK		N N/A (NBI)
59) SUPER		N N/A (NBI)
60) SUB		N N/A (NBI)
61) CHANNEL/CHANNEL PROTECTION		8 Protected
62) CULVERT		8 No Major Problem

BRIDGE REPLACEMENT		CURRENT
PROGRAM YEAR		
PRIORITY		
LOAD DEFICIENCY POINTS		0.0000
WIDTH DEFICIENCY POINTS		0.0000
VERT. CIR. DEFICIENCY POINTS		0.0000
CONDITION DEFICIENCY POINTS		0.0000
TOTAL DEFICIENCY POINTS		0.0000
LOCAL RANK		0 of 838
STATEWIDE RANK		0 of 11,124

INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. or ALA. PROF. ENGR. NO

REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Structure Inventory and Appraisal
 STR. NUM.: OCO0003 020000023400

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Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	N N/A (NBI)	_____
108A) DECK SURFACE TYPE	N N/A (no deck (NBI))	_____
108B) DECK MEMBRANE TYPE	N N/A (no deck (NBI))	_____
108C) DECK PROTECTION	N N/A (no deck (NBI))	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ ft
52) DECK WIDTH	0.00 ft	_____ ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	1,296.00	_____ (SF)

STRUCTURE STATUS		
BRIDGE STATUS	CURRENT	NEW
	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	3	_____
43A) MAIN SPANS MATERIAL	1 Concrete	_____
43B) MAIN SPANS DESIGN	19 Culvert	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	12.00 ft	_____ ft
49) STRUCTURE LENGTH	36.00 ft	_____ ft
TOTAL LENGTH	36.00 ft	_____ ft

Structure Inventory and Appraisal
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Date: _____
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1 REC

Inventory - Roads Subtask

IDENTIFICATION

	CURRENT	NEW
ROAD/ROUTE NAME	County Road 3	_____
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	1 Mainline	_____
5D) RTE#	00003	_____
5E) SUFFIX	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION

	CURRENT	NEW
11) KILOMETER/MILE POINT	0.006 mi	_____ mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00030	_____
13B) SUB#	0	_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	08 Rural min Collector	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC

	CURRENT	NEW
28A) LANES	2	_____
SPEED	35 mph	_____ mph
29) RECENT ADT	544	_____
30) YEAR	2021	_____
109) TRUCK %		_____ %
114) FUTURE ADT	735	_____
115) FUT. YEAR	2041	_____

ALTERNATE CLASSIFICATIONS

	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	No	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	No	[]
NBI RTE.	Yes	[]

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1 REC

Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.00 ft	_____ft
47) HORIZONTAL	34.00 ft	_____ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	20.00 ft	_____ft
51) ROADWAY	0.00 ft	_____ft

DETOURS		
	CURRENT	NEW
19) LENGTH	4.02 mi	_____mi

Structure Inventory and Appraisal

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1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION		
	CURRENT	NEW
201) LOCAL IDENTIFIER	0234	_____
215) PREVIOUS STRUCTURE BIN(s)	0	_____
298) REPLACEMENT BIN	0	_____
214) ADJACENT MAINLINE BIN	0	_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT		_____
207) SENATE DISTRICT		_____
208) HOUSE DISTRICT		_____
297) LOCAL COMMISSION DISTRICT	0200	_____
294) BRIDGE NAME / DESIGNATOR		_____
210) CPMS REFERENCE NUMBER		_____
292) PROJECT NUMBER		_____
ALABAMA ID	OCO0003 020000023400	_____
ALDOT REGION	Southwest Region	_____

INSPECTION		
	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	0	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.	0	_____
219A) SNOOPER INSP. REQUIRED	Snooper Insp. Not Req'd	_____
219B) SNOOPER INSP. FREQUENCY	0	_____
220) LAST SNOOPER INSPECTION DATE	01/01/1900	____/____/____
224A) SCOUR INSPECTION REQUIRED	Scour Monit. Req'd	_____
224B) SCOUR INSPECTION FREQUENCY	24 mo	_____ mo
224C) SPECIAL INSPECTION DETAIL INDICATOR	No Special Details	_____
225A) SCOUR COUNTERMEASURES REQUIRED		_____
225B) SCOUR COUNTERMEASURES PLANNED	01/01/1900	____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED	01/01/1900	____/____/____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION	Culv not Asses-Low Risk	_____
FOUNDATION TYPE	Pile	_____
FOUNDATION ELEVATION	Known	_____
STREAMBED MATERIAL	Sand/Clay	_____

Structure Inventory and Appraisal
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1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	50.20	_____ ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	30.10	_____ ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	BRASS Culvert	_____
	Not Rated / Analyzed	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	01/08/2018	_____
253) RATING STATUS	Rating Published	xxxxxxxx
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	27.9	_____ ton
254B) LOAD TYPE TWO-AXLE	37.4	_____ ton
254C) LOAD TYPE TRI-AXLE DUMP	38.9	_____ ton
254D) LOAD TYPE CONCRETE TRUCK	34.6	_____ ton
254E) LOAD TYPE 18 WHEELER	51.5	_____ ton
254F) LOAD TYPE SIX-AXLE	53.2	_____ ton
254G) LOAD TYPE SCHOOL BUS	28.5	_____ ton
254H) LOAD TYPE EV2	38.4	_____ ton
254I) LOAD TYPE EV3	37.3	_____ ton
257) REASON POSTED	Culvert	_____
	None / Condition Noted	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE	01/01/1900	____/____/____
259) POSTING CHART INDICATOR	Include on Posting Chart	_____
261) DATE OF TEMPORARY STRENGTHENING	01/01/1900	____/____/____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN	CT 1205	_____
266) STANDARD DRAWING APPROACH SPAN	 	_____
31) LIVE LOAD	5 MS 18 (HS 20)	_____

Structure Inventory and Appraisal
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1 REC

Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Reinf. Conc. Box Culvert	_____
233A) NUMBER OF BARRELS OR PIPES	3	_____
233B) BARREL LENGTH	36.00 ft	_____ ft
233C) BARREL SPAN	12.00 ft	_____ ft
233D) BARREL HEIGHT	5.00 ft	_____ ft
233E) DEPTH OF FILL	2.20 ft	_____ ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Not - Horz or Vert Curve	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Not Applicable	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Not Applicable	_____
244C) BEGIN ABUTMENT CAP TYPE	Not Applicable	_____
244D) BEGIN ABUTMENT FOUNDATION	Not Applicable	_____
245A) ENDING ABUTMENT TYPE	Not Applicable	_____
245B) ENDING ABUTMENT CAP MATERIAL	Not Applicable	_____
245C) ENDING ABUTMENT CAP TYPE	Not Applicable	_____
245D) ENDING ABUTMENT FOUNDATION	Not Applicable	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED	01/01/1900	____/____/____
271A) PRIMER PAINT TYPE	Not Applicable	_____
271B) INTERMEDIATE PAINT TYPE	Not Applicable	_____
271C) FINISH PAINT TYPE	Not Applicable	_____
271D) UNDERCOAT PAINT TYPE	Not Applicable	_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST	Not Applicable	_____

Structure Inventory and Appraisal
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1 REC

Appraisal Task

STRUCTURAL APPRAISAL

	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	xxxxxx
72) APPROACH ALIGNMENT	8 Equal Desirable Crit	_____
36A) BRIDGE RAILINGS	1 Meets Standards	_____
36B) TRANSITIONS	1 Meets Standards	_____
36C) APPROACH GUARDRAIL	1 Meets Standards	_____
36D) APPROACH GUARDRAIL ENDS	1 Meets Standards	_____
111) PIER PROTECTION	1 Not Required	_____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS

	CURRENT	NEW
67) STRUCTURAL EVALUATION	6 Equal Min Criteria	xxxxx
68) DECK GEOMETRY	N Not applicable (NBI)	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	96.10	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	100.00	xxxxx%

CLEARANCES

	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	99.99 ft	_____ ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	0.00 ft	_____ ft
56) LEFT SIDE	0.00 ft	_____ ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ ft

NBI LOAD RATINGS

	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	_____
RATING DATE	01/08/2018	_____
31) DESIGN LOAD	5 MS 18 (HS 20)	xxxxx
70) POSTING	5 At/Above Legal Loads	xxxxxxx
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	50.20	_____ ton
65) INVENTORY TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	30.10	_____ ton

FORM: BI-9
BIN: 021209
INSPECTED BY: _____

Bridge Maintenance Needed
STR. NUM.: OCO0003 020000023400

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REVIEWED BY: _____

1 REC

ACT CODE
B30

NC: _____

C: _____

NEW REMARK: _____

DESCRIPTION
B30 SLOPE & SHORE PROT REPAIR

REMARK: Generated by user "sharpm" on 12/13/2021
Repair erosion at Northwest corner as needed

NEW QTY: _____

DATE: _____

DATE: _____

UNITS
HR

QTY

PRIORITY
Medium

STAT

NEW PRIORITY: _____

NC: _____

C: _____

NEW REMARK: _____

B30

B30 SLOPE & SHORE PROT REPAIR

REMARK: Repair erosion SE wing

NEW QTY: _____

HR

Medium

NEW PRIORITY: _____

NEW ACTIVITY:
UNIT: _____

NEW REMARK: _____

B: _____

QTY: _____

ACTIVITY DESCRIPTION: _____

PRIORITY: _____

NEW ACTIVITY:
UNIT: _____

NEW REMARK: _____

B: _____

QTY: _____

ACTIVITY DESCRIPTION: _____

PRIORITY: _____

NEW ACTIVITY:
UNIT: _____

NEW REMARK: _____

B: _____

QTY: _____

ACTIVITY DESCRIPTION: _____

PRIORITY: _____

NEW ACTIVITY:
UNIT: _____

NEW REMARK: _____

B: _____

QTY: _____

ACTIVITY DESCRIPTION: _____

PRIORITY: _____

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 021209

STR. NUM.: OCO0003 020000023400

Sheet: 1 of 2
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1 REC

IDENTIFICATION		
AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY			
OFFSET: 17.00	SDNG DATE: 12 2021	VIEW: L	OFST RMRK: From Centerline
ELEV BASIS: P	LOCATION OF BM: Top of Rail		
ELEV EQ: 0.00 = 0.00	STATION EQ: 12 + 42.0000 = 12 + 42.0000		
SND/ELEV IND: S			

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
12 + 42.0000	10.5000	Abut 1		
12 + 48.0000	9.9000	Midspan		
12 + 54.0000	10.5000	Bent 2		
12 + 60.0000	10.5000	Midspan		
12 + 66.0000	10.2000	Bent 3		
12 + 72.0000	9.9000	Midspan		
12 + 78.0000	9.9000	Abut 4		

Streambed Cross Sections

FORM: BI-4
BIN: 021209

1 REC

STR. NUM.: OCO0003 020000023400

Insp. Date: _____
Sheet: 2 of 2
Printed: 5/16/2023

IDENTIFICATION		
AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin

OFFSET: 17.00 ELEV BASIS: P ELEV EQ: 0.00 = 0.00 SND/ELEV IND: S	PREVIOUS VALUES: U.S. CUSTOMARY SENDING DATE: 12 2021 VIEW: R LOCATION OF BM: Top of Rail STATION EQ: 12 + 42.0000 = 12 + 42.0000	OFST RMRK: From Centerline
---	---	----------------------------

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
12 + 42.0000	9.4000	Abut 1		
12 + 48.0000	9.8000	Midspan		
12 + 54.0000	9.8000	Bent 2		
12 + 60.0000	9.9000	Midspan		
12 + 66.0000	9.9000	Bent 3		
12 + 72.0000	9.4000	Midspan		
12 + 78.0000	9.0000	Abut 4		

Inspection Report

FORM: BI-5
BIN: 021209

STR. NUM.: OCO0003 020000023400
1 REC Area: Mobile

Sheet: 2 of 2
Printed: 5/16/2023

PREVIOUS DATE: 12/09/2021

NEW DATE: _____

STRUCTURE UNIT: Struc

	ELEM #	ELEMENT NAME	ENV	QUANTITY	UNITS	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
CURRENT:	241	Re Conc Culvert	2	108	ft	108.00	0.00	0.00	0.00
NEW:									
NOTES:									

REASON FOR INSP. _____

INSPECTOR'S SIGNATURE _____

DATE _____

INSP. NBIS CERT NO. _____

ALA. PROF. ENGR. NO. _____

REVIEWER'S SIGNATURE _____

DATE _____

REVIEWER'S TITLE _____

Inspection Report

FORM: BI-5
BIN: 021209

STR. NUM.: OCO0003 020000023400
Area: Mobile

Sheet: 1 of 2
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1 REC

INSPECTION	
PREVIOUS INSP.: Dustin Thweatt	
PREVIOUS DATE: 12/09/2021	NEW DATE: _____
PREVIOUS INSP. TYPE: Regular NBI	NEW INSP. TYPE: _____

RATING		
	CURRENT	NEW
58) DECK RATING	N	_____
59) SUPERSTRUCTURE RATING	N	_____
60) SUBSTRUCTURE RATING	N	_____
61) CHANNEL & CHANNEL PROTECTION	8	_____
62) CULVERT RATING	8	_____

REMARKS

MISCELLANEOUS		
	CURRENT	NEW
71) WATERWAY ADEQUACY	8	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	8	_____
36) TRAFFIC SAFETY FEATURES		_____
A) BRIDGE RAIL	1	_____
B) TRANSITION	1	_____
C) APPROACH RAIL	1	_____
D) END TREATMENT	1	_____
LOAD POSTING SIGNS:		
A) REQUIRED		_____
B) PRESENT		_____
C) VISIBLE		_____
D) LEGIBLE		_____

Structure Inventory and Appraisal

STR. NUM.: OCO0000 020000015100

Date: _____

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FORM: BI-6
BIN: 019036

1 REC

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	019036	
8) NBI STRUCTURE NO	019036	
NAME	?????????????????????????????	

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	
1B) FHWA REGION	Region 4-Atlanta	
2) AREA	Mobile	
3) COUNTY	Baldwin	
4) CITY/TOWN/PLACECODE	Unknown	
6A) FEATURE INTERSECTED	CONEY BRANCH	
7) FACILITY CARRIED	BELFOREST CEM. RD.	
9) LOCATION	0.4 MI. W. OF CR. RD. 54W.	
16) LATITUDE	30D 35M 21.560S	D M S
17) LONGITUDE	87D 50M 31.040S	D M S
98AA) BORDER STATE	Not Applicable (P)	
98B) SHARE(%)	0	
98AB) BORDER FHWA REGION	Not Applicable	%
99) BORDER STRUCT NO	-	

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	2002	
106) YEAR RECONSTRUCT	0	
42A) TYPE OF SERVICE ON	1 Highway	
42B) UNDER	5 Waterway	
28B) LANES UNDER	0	

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	
22) OWNER	County Hwy Agency	
ALDOT DISTRICT	District 2	

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	
101) PARALLEL STRUCTURE	No bridge exists	
103) TEMPORARY STRUCTURE	Not Applicable (P)	
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	

Structure Inventory and Appraisal
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INSPECTION	
	CURRENT
90) INSPECTION DATE	1/25/2023
91) FREQUENCY	24 mo
93A) FC INSPECTION DATE	N/A
92A) FC FREQUENCY	
93B) UW INSPECTION DATE	N/A
92B) UW FREQUENCY	
93C) SPECIAL INSPECTION DATE	N/A
92C) SPECIAL FREQUENCY	

CONDITION	
	CURRENT
58) DECK	N N/A (NBI)
59) SUPER	N N/A (NBI)
60) SUB	N N/A (NBI)
61) CHANNEL/CHANNEL PROTECTION	7 Minor Damage
62) CULVERT	7 Minor Deterioration

BRIDGE REPLACEMENT	
	CURRENT
PROGRAM YEAR	0
PRIORITY	X
LOAD DEFICIENCY POINTS	0.0000
WIDTH DEFICIENCY POINTS	0.0000
VERT. CIR. DEFICIENCY POINTS	0.0000
CONDITION DEFICIENCY POINTS	0.0000
TOTAL DEFICIENCY POINTS	0.0000
LOCAL RANK	0 of 838
STATEWIDE RANK	0 of 11,124

 INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. or ALA. PROF. ENGR. NO

 REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Structure Inventory and Appraisal
 STR. NUM.: OCO0000 020000015100

Date: _____
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FORM: BI-6
 BIN: 019036

1 REC

Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	N N/A (NBI)	_____
108A) DECK SURFACE TYPE	N N/A (no deck (NBI))	_____
108B) DECK MEMBRANE TYPE	N N/A (no deck (NBI))	_____
108C) DECK PROTECTION	N N/A (no deck (NBI))	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ ft
52) DECK WIDTH	0.00 ft	_____ ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	894.05	_____ (SF)

STRUCTURE STATUS		
BRIDGE STATUS	CURRENT	NEW
	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	2	_____
43A) MAIN SPANS MATERIAL	1 Concrete	_____
43B) MAIN SPANS DESIGN	19 Culvert	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	5.00 ft	_____ ft
49) STRUCTURE LENGTH	21.70 ft	_____ ft
TOTAL LENGTH	21.70 ft	_____ ft

Structure Inventory and Appraisal
 STR. NUM.: OCO0000 020000015100

Date: _____
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1 REC

Inventory - Roads Subtask

IDENTIFICATION

	CURRENT	NEW
ROAD/ROUTE NAME	BELFOREST CEM. RD.	_____
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	3 Bypass	_____
5D) RTE#	00000	_____
5E) SUFFIX	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION

	CURRENT	NEW
11) KILOMETER/MILE POINT	0.000 mi	_____mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00000	_____
13B) SUB#	00	_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	19 Urban Local	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC

	CURRENT	NEW
28A) LANES	2	_____
SPEED	35 mph	_____mph
29) RECENT ADT	619	_____
30) YEAR	2023	_____
109) TRUCK %	4%	_____%
114) FUTURE ADT	835	_____
115) FUT. YEAR	2042	_____

ALTERNATE CLASSIFICATIONS

	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	No	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	No	[]
NBI RTE.	Yes	[]

Structure Inventory and Appraisal
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FORM: BI-6
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Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.99 ft	_____ ft
47) HORIZONTAL	41.20 ft	_____ ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	34.00 ft	_____ ft
51) ROADWAY	0.00 ft	_____ ft

DETOURS		
	CURRENT	NEW
19) LENGTH	3.00 mi	_____ mi

Structure Inventory and Appraisal
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1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION

	CURRENT	NEW
201) LOCAL IDENTIFIER	0151	_____
215) PREVIOUS STRUCTURE BIN(s)	0	_____
298) REPLACEMENT BIN	0	_____
214) ADJACENT MAINLINE BIN	0	_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT	01	_____
207) SENATE DISTRICT	32	_____
208) HOUSE DISTRICT	094	_____
297) LOCAL COMMISSION DISTRICT	02??	_____
294) BRIDGE NAME / DESIGNATOR	?	_____
210) CPMS REFERENCE NUMBER	NNNNNNNNNN	_____
292) PROJECT NUMBER	NNNNNNNNNNNNNNNNNNNN	_____
ALABAMA ID	OCO0000 020000015100	_____
ALDOT REGION	Southwest Region	_____

INSPECTION

	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	0	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.	0	_____
219A) SNOOPER INSP. REQUIRED	Snooper Insp. Not Req'd	_____
219B) SNOOPER INSP. FREQUENCY	0	_____
220) LAST SNOOPER INSPECTION DATE	01/01/1900	____/____/____
224A) SCOUR INSPECTION REQUIRED	Scour Monit. Req'd	_____
224B) SCOUR INSPECTION FREQUENCY	24 mo	_____mo
224C) SPECIAL INSPECTION DETAIL INDICATOR	No Special Details	_____
225A) SCOUR COUNTERMEASURES REQUIRED	01/01/1900	____/____/____
225B) SCOUR COUNTERMEASURES PLANNED	01/01/1900	____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED	01/01/1900	____/____/____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION	Culv not Asses-Low Risk	_____
FOUNDATION TYPE	Spread	_____
FOUNDATION ELEVATION	Known	_____
STREAMBED MATERIAL	Sand/Clay	_____

Structure Inventory and Appraisal
 STR. NUM.: OCO0000 020000015100

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FORM: BI-6
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1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	63.80	_____ ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	38.30	_____ ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	BRASS Culvert	_____
	Not Rated / Analyzed	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	10/01/2008	xxxxxxxx
253) RATING STATUS	Rating Published	_____
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	35.4	_____ ton
254B) LOAD TYPE TWO-AXLE	48.8	_____ ton
254C) LOAD TYPE TRI-AXLE DUMP	98.0	_____ ton
254D) LOAD TYPE CONCRETE TRUCK	44.1	_____ ton
254E) LOAD TYPE 18 WHEELER	73.0	_____ ton
254F) LOAD TYPE SIX-AXLE	81.0	_____ ton
254G) LOAD TYPE SCHOOL BUS	41.0	_____ ton
254H) LOAD TYPE EV2	0.0	_____ ton
254I) LOAD TYPE EV3	0.0	_____ ton
257) REASON POSTED	Culvert	_____
	Not Rated	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE	01/01/1900	____/____/____
259) POSTING CHART INDICATOR	Culvert	_____
261) DATE OF TEMPORARY STRENGTHENING	01/01/1900	____/____/____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN	CD-104	_____
266) STANDARD DRAWING APPROACH SPAN	NNNNNNNNNNNNNNNNNN	_____
31) LIVE LOAD	0 Unknown	_____

Structure Inventory and Appraisal
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1 REC

Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Prec. Conc. Box Culvert	_____
233A) NUMBER OF BARRELS OR PIPES	2	_____
233B) BARREL LENGTH	41.20 ft	_____ ft
233C) BARREL SPAN	10.00 ft	_____ ft
233D) BARREL HEIGHT	4.00 ft	_____ ft
233E) DEPTH OF FILL	3.50 ft	_____ ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Not - Horz or Vert Curve	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Not Applicable	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Not Applicable	_____
244C) BEGIN ABUTMENT CAP TYPE	Not Applicable	_____
244D) BEGIN ABUTMENT FOUNDATION	Not Applicable	_____
245A) ENDING ABUTMENT TYPE	Not Applicable	_____
245B) ENDING ABUTMENT CAP MATERIAL	Not Applicable	_____
245C) ENDING ABUTMENT CAP TYPE	Not Applicable	_____
245D) ENDING ABUTMENT FOUNDATION	Not Applicable	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED	01/01/1900	____/____/____
271A) PRIMER PAINT TYPE	Not Applicable	_____
271B) INTERMEDIATE PAINT TYPE	Not Applicable	_____
271C) FINISH PAINT TYPE	Not Applicable	_____
271D) UNDERCOAT PAINT TYPE	Not Applicable	_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST	0.00	_____

Structure Inventory and Appraisal
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FORM: BI-6
BIN: 019036

1 REC

Appraisal Task

STRUCTURAL APPRAISAL

	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	
72) APPROACH ALIGNMENT	8 Equal Desirable Crit	xxxxxx
36A) BRIDGE RAILINGS	N N/A or not required	_____
36B) TRANSITIONS	N N/A or not required	_____
36C) APPROACH GUARDRAIL	N N/A or not required	_____
36D) APPROACH GUARDRAIL ENDS	N N/A or not required	_____
111) PIER PROTECTION	Not Applicable (P)	_____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS

	CURRENT	NEW
67) STRUCTURAL EVALUATION	7 Above Min Criteria	
68) DECK GEOMETRY	N Not applicable (NBI)	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	99.90	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	67.00	xxxxx%

CLEARANCES

	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	99.99 ft	_____ ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	0.00 ft	_____ ft
56) LEFT SIDE	0.00 ft	_____ ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ ft

NBI LOAD RATINGS

	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	
RATING DATE	10/01/2008	_____
31) DESIGN LOAD	0 Unknown	xxxxx
70) POSTING	5 At/Above Legal Loads	xxxxxxx
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	63.80	_____
65) INVENTORY TYPE	1 LF Load Factor	_____ ton
66) INVENTORY RATING	38.30	_____ ton

FORM: BI-4
BIN: 019036

1 REC

Streambed Cross Sections
STR. NUM.: OCO0000 020000015100

Insp. Date: _____
Sheet: 1 of 2
Printed: 5/16/2023

IDENTIFICATION		
AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin

OFFSET: 21.00	PREVIOUS VALUES: U.S. CUSTOMARY	
ELEV BASIS: A	SENDING DATE: 01 2023	VIEW: L
ELEV EQ: 0.00 = 0.00	LOCATION OF BM: TOP OF HEADWALL=100.00	OFST RMRK: FROM CENTERLINE
SND/ELEV IND: S	STATION EQ: 0 + 0.0000 = 0 + 0.0000	

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	4.0000	ABUT.1		
0 + 5.0000	5.6000	MIDSPAN		
0 + 11.0000	4.5000	BENT 2		
0 + 15.0000	5.1000	MIDSPAN		
0 + 21.7000	4.0000	ABUT.3		

Streambed Cross Sections

FORM: BI-4
BIN: 019036

1 REC

STR. NUM.: OCO0000 020000015100

Insp. Date: _____

Sheet: 2 of 2

Printed: 5/16/2023

IDENTIFICATION		
AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin

OFFSET: 21.00 ELEV BASIS: A ELEV EQ: 0.00 = 0.00 SND/ELEV IND: S	PREVIOUS VALUES: U.S. CUSTOMARY SNDING DATE: 01 2023 VIEW: R LOCATION OF BM: TOP OF HEADWALL=100.00 STATION EQ: 0 + 0.0000 = 0 + 0.0000	OFST RMRK: FROM CENTERLINE
---	---	----------------------------

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	2.9000	ABUT.1		
0 + 5.0000	4.3000	MIDSPAN		
0 + 11.0000	4.0000	BENT 2		
0 + 15.0000	4.6000	MIDSPAN		
0 + 21.7000	2.3000	ABUT.3		

FORM: BI-5
BIN: 019036

1 REC

Inspection Report
STR. NUM.: OCO0000 020000015100
Area: Mobile

Sheet: 1 of 2
Printed: 5/16/2023

INSPECTION

PREVIOUS INSP.: Dustin Thweatt
PREVIOUS DATE: 01/25/2023
PREVIOUS INSP. TYPE: Regular NBI

NEW DATE: _____
NEW INSP. TYPE: _____

RATING

	CURRENT	NEW
58) DECK RATING	N	_____
59) SUPERSTRUCTURE RATING	N	_____
60) SUBSTRUCTURE RATING	N	_____
61) CHANNEL & CHANNEL PROTECTION	7	_____
62) CULVERT RATING	7	_____

REMARKS

Abrasion along flowline of culvert. mortar in joints coming out. No leakage of material present at this time.

MISCELLANEOUS

	CURRENT	NEW
71) WATERWAY ADEQUACY	7	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	8	_____
36) TRAFFIC SAFETY FEATURES		_____
A) BRIDGE RAIL	N	_____
B) TRANSITION	N	_____
C) APPROACH RAIL	N	_____
D) END TREATMENT	N	_____

LOAD POSTING SIGNS:

A) REQUIRED	_____
B) PRESENT	_____
C) VISIBLE	_____
D) LEGIBLE	_____

Inspection Report

FORM: BI-5
BIN: 019036

STR. NUM.: OCO0000 020000015100
1 REC Area: Mobile

Sheet: 2 of 2
Printed: 5/16/2023

PREVIOUS DATE: 01/25/2023
NEW DATE: _____

STRUCTURE UNIT: 1

	ELEM #	ELEMENT NAME	ENV	QUANTITY	UNITS	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
CURRENT:	241	Re Conc Culvert	2	82	ft	0.00	82.00	0.00	0.00
NEW:									
NOTES:	-								
CURRENT:	1190	Abrasion(PSC/RC)	2	82	each	0.00	82.00	0.00	0.00
NEW:									
NOTES:	-								

REASON FOR INSP. _____

INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT NO. ALA. PROF. ENGR. NO.

REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Structure Inventory and Appraisal

STR. NUM.: OCO0098 020000005400

Date: _____

Sheet: 1 of 9

Printed: 5/16/2023

FORM: BI-6
BIN: 017078

1 REC

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	017078	
8) NBI STRUCTURE NO	017078	
NAME	?????????????????????????????	

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	
1B) FHWA REGION	Region 4-Atlanta	
2) AREA	Mobile	
3) COUNTY	Baldwin	
4) CITY/TOWN/PLACECODE	Unknown	
6A) FEATURE INTERSECTED	POINT CLEAR CREEK	
7) FACILITY CARRIED	U.S. 98 (SCENIC)	
9) LOCATION	1.3 MI. W. OF CO. RD. 32	
16) LATITUDE	30D 29M 08.740S	D M S
17) LONGITUDE	87D 55M 56.460S	D M S
98AA) BORDER STATE	Not Applicable (P)	
98B) SHARE(%)	0	%
98AB) BORDER FHWA REGION	Not Applicable	
99) BORDER STRUCT NO		

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	1997	
106) YEAR RECONSTRUCT	0	
42A) TYPE OF SERVICE ON	1 Highway	
42B) UNDER	5 Waterway	
28B) LANES UNDER	0	

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	
22) OWNER	County Hwy Agency	
ALDOT DISTRICT	District 2	

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	
101) PARALLEL STRUCTURE	No bridge exists	
103) TEMPORARY STRUCTURE	Not Applicable (P)	
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005400

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INSPECTION		CURRENT
90) INSPECTION DATE		4/25/2023
91) FREQUENCY		24 mo
93A) FC INSPECTION DATE		N/A
92A) FC FREQUENCY		
93B) UW INSPECTION DATE		10/19/2022
92B) UW FREQUENCY		48 mo
93C) SPECIAL INSPECTION DATE		N/A
92C) SPECIAL FREQUENCY		

CONDITION		CURRENT
58) DECK		7 Good
59) SUPER		8 Very Good
60) SUB		5 Fair
61) CHANNEL/CHANNEL PROTECTION		8 Protected
62) CULVERT		N N/A (NBI)

BRIDGE REPLACEMENT		CURRENT
PROGRAM YEAR		0
PRIORITY		X
LOAD DEFICIENCY POINTS		0.0000
WIDTH DEFICIENCY POINTS		7.2000
VERT. CIR. DEFICIENCY POINTS		0.0000
CONDITION DEFICIENCY POINTS		0.0000
TOTAL DEFICIENCY POINTS		7.2000
LOCAL RANK		52 of 838
STATEWIDE RANK		5,038 of 11,124

INSPECTOR'S SIGNATURE _____ DATE _____ INSP. NBIS CERT. NO. _____ or _____ ALA. PROF. ENGR. NO _____

REVIEWER'S SIGNATURE _____ DATE _____ REVIEWER'S TITLE _____

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005400

Date: _____
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FORM: BI-6
 BIN: 017078

1 REC

Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	2 Concrete Precast Panel	_____
108A) DECK SURFACE TYPE	0 None	_____
108B) DECK MEMBRANE TYPE	0 None	_____
108C) DECK PROTECTION	None	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ ft
52) DECK WIDTH	34.40 ft	_____ ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	1,173.04	_____ (SF)

STRUCTURE STATUS		
	CURRENT	NEW
BRIDGE STATUS	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	1	_____
43A) MAIN SPANS MATERIAL	1 Concrete	_____
43B) MAIN SPANS DESIGN	22 Channel Beam	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	34.10 ft	_____ ft
49) STRUCTURE LENGTH	34.10 ft	_____ ft
TOTAL LENGTH	34.10 ft	_____ ft

Structure Inventory and Appraisal
STR. NUM.: OCO0098 02000005400

Date: _____
Sheet: 3 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 017078

1 REC

Inventory - Roads Subtask

IDENTIFICATION

	CURRENT	NEW
ROAD/ROUTE NAME	U.S. 98 (SCENIC)	
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	1 Mainline	_____
5D) RTE#	00098	_____
5E) SUFFIX	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION

	CURRENT	NEW
11) KILOMETER/MILE POINT	52.928 mi	_____ mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00980	_____
13B) SUB#	00	_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	07 Rural Mjr Collector	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC

	CURRENT	NEW
28A) LANES	2	_____
SPEED	35 mph	_____ mph
29) RECENT ADT	5,931	_____
30) YEAR	2023	_____
109) TRUCK %	1%	_____ %
114) FUTURE ADT	8,007	_____
115) FUT. YEAR	2043	_____

ALTERNATE CLASSIFICATIONS

	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	No	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	No	[]
NBI RTE.	Yes	[]

Structure Inventory and Appraisal
STR. NUM.: OCO0098 020000005400

Date: _____
Sheet: 4 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 017078

1 REC

Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.99 ft	_____ ft
47) HORIZONTAL	31.80 ft	_____ ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	36.00 ft	_____ ft
51) ROADWAY	31.80 ft	_____ ft

DETOURS		
	CURRENT	NEW
19) LENGTH	6.00 mi	_____ mi

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005400

Date: _____
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1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION		
	CURRENT	NEW
201) LOCAL IDENTIFIER	0054	_____
215) PREVIOUS STRUCTURE BIN(s)	10787	_____
298) REPLACEMENT BIN	0	_____
214) ADJACENT MAINLINE BIN	0	_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT	01	_____
207) SENATE DISTRICT	32	_____
208) HOUSE DISTRICT	094	_____
297) LOCAL COMMISSION DISTRICT	02??	_____
294) BRIDGE NAME / DESIGNATOR	?	_____
210) CPMS REFERENCE NUMBER	NNNNNNNNNN	_____
292) PROJECT NUMBER	NNNNNNNNNNNNNNNNNNNN	_____
ALABAMA ID	OCO0098 020000005400	_____
ALDOT REGION	Southwest Region	_____

INSPECTION		
	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	1	_____
222) SPECIAL EQUIPMENT USED	Boat	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.	5	_____
219A) SNOOPER INSP. REQUIRED	Snooper Insp. Not Req'd	_____
219B) SNOOPER INSP. FREQUENCY	0	_____
220) LAST SNOOPER INSPECTION DATE	01/01/1900	____/____/____
224A) SCOUR INSPECTION REQUIRED	Scour Monit. Req'd	_____
224B) SCOUR INSPECTION FREQUENCY	24 mo	_____mo
224C) SPECIAL INSPECTION DETAIL INDICATOR	Sp Dets req'd for Sc Mon	_____
225A) SCOUR COUNTERMEASURES REQUIRED	Scour Counterterm Not Req'd	_____
225B) SCOUR COUNTERMEASURES PLANNED	01/01/1900	____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED	01/01/1900	____/____/____
113) SCOUR CRITICAL	5 Stable w/in footing	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION	Eval by Asses-Cal Pend.	_____
FOUNDATION TYPE	Pile	_____
FOUNDATION ELEVATION	Known	_____
STREAMBED MATERIAL	Muck/Unknown	_____

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005400

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FORM: BI-6
 BIN: 017078

1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	60.20	_____ ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	36.10	_____ ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	AASHTO BrR (Virtis)	_____
	Not Rated / Analyzed	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	03/01/2002	xxxxxxxx
253) RATING STATUS	Rating Published	_____
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	46.3	_____ ton
254B) LOAD TYPE TWO-AXLE	55.7	_____ ton
254C) LOAD TYPE TRI-AXLE DUMP	53.7	_____ ton
254D) LOAD TYPE CONCRETE TRUCK	52.2	_____ ton
254E) LOAD TYPE 18 WHEELER	89.0	_____ ton
254F) LOAD TYPE SIX-AXLE	88.1	_____ ton
254G) LOAD TYPE SCHOOL BUS	55.1	_____ ton
254H) LOAD TYPE EV2	0.0	_____ ton
254I) LOAD TYPE EV3	0.0	_____ ton
257) REASON POSTED	Superstructure	_____
	None / Condition Noted	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE	01/01/1900	____/____/____
259) POSTING CHART INDICATOR	Include on Posting Chart	_____
261) DATE OF TEMPORARY STRENGTHENING	01/01/1900	____/____/____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN	PC-34-2	_____
266) STANDARD DRAWING APPROACH SPAN	????????????????	_____
31) LIVE LOAD	5 MS 18 (HS 20)	_____

Structure Inventory and Appraisal
STR. NUM.: OCO0098 020000005400

Date: _____
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1 REC

Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Not Applicable	_____
233A) NUMBER OF BARRELS OR PIPES	0	_____
233B) BARREL LENGTH	0.00 ft	_____ ft
233C) BARREL SPAN	0.00 ft	_____ ft
233D) BARREL HEIGHT	0.00 ft	_____ ft
233E) DEPTH OF FILL	0.00 ft	_____ ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Not - Horz or Vert Curve	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Pile Bent	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Reinforced Concrete	_____
244C) BEGIN ABUTMENT CAP TYPE	Cast in Place	_____
244D) BEGIN ABUTMENT FOUNDATION	Prestress Concrete Piles	_____
245A) ENDING ABUTMENT TYPE	Pile Bent	_____
245B) ENDING ABUTMENT CAP MATERIAL	Reinforced Concrete	_____
245C) ENDING ABUTMENT CAP TYPE	Cast in Place	_____
245D) ENDING ABUTMENT FOUNDATION	Prestress Concrete Piles	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED	01/01/1900	____/____/____
271A) PRIMER PAINT TYPE	Not Applicable	_____
271B) INTERMEDIATE PAINT TYPE	Not Applicable	_____
271C) FINISH PAINT TYPE	Not Applicable	_____
271D) UNDERCOAT PAINT TYPE	Not Applicable	_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST	0.00	_____

Structure Inventory and Appraisal
STR. NUM.: OCO0098 020000005400

Date: _____
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Printed: 5/16/2023

FORM: BI-6
BIN: 017078

1 REC

Appraisal Task

STRUCTURAL APPRAISAL		
	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	xxxxxx
72) APPROACH ALIGNMENT	6 Equal Min Criteria	_____
36A) BRIDGE RAILINGS	1 Meets Standards	_____
36B) TRANSITIONS	1 Meets Standards	_____
36C) APPROACH GUARDRAIL	1 Meets Standards	_____
36D) APPROACH GUARDRAIL ENDS	1 Meets Standards	_____
111) PIER PROTECTION	Not Applicable (P)	_____
113) SCOUR CRITICAL	5 Stable w/in footing	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS		
	CURRENT	NEW
67) STRUCTURAL EVALUATION	5 Above Min Tolerable	xxxxx
68) DECK GEOMETRY	3 Intolerable - Correct	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	71.20	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	74.10	xxxxx%

CLEARANCES		
	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	99.99 ft	_____ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	0.00 ft	_____ft
56) LEFT SIDE	0.00 ft	_____ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ft

NBI LOAD RATINGS		
	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	_____
RATING DATE	03/01/2002	xxxxx
31) DESIGN LOAD	5 MS 18 (HS 20)	xxxxxxx
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	60.20	_____ton
65) INVENTORY TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	36.10	_____ton

Bridge Maintenance Needed

FORM: BI-9

STR. NUM.: OCO0098 020000005400

Sheet: 1 of 1

BIN: 017078

1 REC

Printed: 5/16/2023

INSPECTED BY: _____ DATE: _____

REVIEWED BY: _____ DATE: _____

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
B02	B02 CURB/RAIL/FENCE REPAIR	LF	25.00	High	

NC: _____ REMARK: Generated by user "sharpn" on 4/27/2021

Reset and attach guardrail end section to post at Southeast corner as needed.

C: _____ NEW QTY: _____ NEW PRIORITY: _____

NEW REMARK: _____

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
B18	B18 MINOR SUB REPAIR-CONCRETE	HR	32.00	Medium	

NC: _____ REMARK: REPAIR SETTLEMENT AT ALL (4) WINGWALLS AND ABUT. 1 BACKWALL.

C: _____ NEW QTY: _____ NEW PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

General Narrative Form

FORM: BI-13
BIN: 017078

STR. NUM.: OCO0098 020000005400

Sheet: 1 of 3
Printed: 5/16/2023

1 REC

USER ID	DATE	TYPE	COMMENTS
Pontis	05/04/1999	G	WHM 58-DECK 58.6-RAILING: RIGHT SIDE BARRIER RAIL SHOWS (2) 75MM ROUND SPALLS ON TOP OF RAILING. 58.8-DRAINS: SAND/DEBRIS HAS COLLECTED IN GUTTERLINES. 60-SUBSTRUCTURE 60.1.B-ABUT./WINGS: ALL (4) WINGWALLS HAVE SEPARATED FROM BRIDGE STRUCTURE UP TO 60MM. WINGS ARE CONCRETE SHEET PILES W/CONCRETE CAPS. SETTLEMENT OF SUBSURFACE AND WEIGHT OF CAPS HAVE CAUSED WINGWALLS TO BE PULLED AWAY FROM JOINT AT BARRIER RAILS. * COUNTY FORCES HAVE PLACED ADDITIONAL RIPRAP IN FRONT OF ALL (4) WINGWALLS TO CONTROL SETTLEMENT (AS PER ALDOT RECOMMENDATION). 275-APPROACH ROADWAY CONDITION: BOTH APPROACHES CONTINUE TO SINK DUE TO UNSTABLE SUBSURFACE CONDITIONS.
Pontis	05/08/2001	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS. 60-SUBSTRUCTURE 60.1.B-WINGS: ALL (4) WINGWALLS HAVE SEPERATED FROM BRIDGE STRUCTURE UP TO 75MM. WINGWALL CAPS SHOW SMALL SPALLS UP TO 6MM ROUND DUE TO PLACEMENT OF RIP RAP. * MISCELLANEOUS * 275.APPROACH ROADWAY CONDITION: ALL APPROACHS HAVE BEEN RESURFACED. RIGHT LANE SHOWS SINKING AT A-BUT 2.
Pontis	10/06/2001	G	MWS * UNDERWATER INSPECTION BY LLOYD L. PITTS P.E. DEFICIENCIES: THE NEAR RIGHT WINGWALL (SOUTH APPROACH) HAS SEPARATED UP TO 8" FROM THE BRIDGE WITH UP TO 5' LOSS OF EMBANKMENT MATERIAL. SEVERAL OF THE CONCRETE SHEET-PILE PANELS UTILIZED FOR BACKWALLS HAVE SEPARATIONS UP TO 2" WIDE. RECOMMENDATIONS: ANCHOR/STRAP THE NEAR WINGWALL TO THE BRIDGE, SEAL SEPARATION/OPENING BETWEEN THE BRIDGE AND WINGWALL, AND FILL/ STABILIZE THE ERODED EMBANKMENT. MONITOR SEPARATIONS BETWEEN CONCRETE SHEET PILE PANELS FOR LOSS OF ROADWAY MATERIAL. PUMP GROUT INTO ANY VOIDS.

Pontis	10/05/2002	G	WHM *UNDERWATER INSPECTION REPORT BY LLOYD PITTS, P.E. DEFICIENCIES: THE WINGWALLS HAVE SETTLED AND SEPARATED FROM THE BRIDGE CORNERS, ALLOWING A LOSS OF EMBANKMENT MATERIAL. THIS APPEARS TO BE CAUSED BY DRAG DOWN/NEGATIVE PILE PRESSURE IN COMBINATION WITH EMBANKMENT PRESSURE. ABUT. 1/CAP IS CRACKED IN THE LOWER HALF OF THE FAR FACE, BEGINNING FROM THE OUTSIDE FACE OF THE LEFT BARRIER. THERE APPEARS TO BE INSUFFICIENT CONCRETE COVER (1") WITH NO REINFORCEMENT IN THE LOWER FAR FACE ADJACENT TO THE PANELS (EMBEDMENT AREA). ALSO, RANDOM VERTICAL HAIRLINE TO 1/16" WIDE CRACKS W/EFFLORESCENCE ALONG THE FAR FACE. VERTICAL AND OR HORIZONTAL MOVEMENT OF THE CONCRETE SHEET PILE/PANELS MAY HAVE CAUSED THE CRACKS AND SPALLS ON THE FAR FACE OF ABUT. 1/CAP. SEVERAL OF THE CONCRETE SHEET PILE PANELS UTILIZED FOR BACKWALLS HAVE SEPARATIONS UP TO 2" WIDE. RECOMMENDATIONS: DRIVE LOAD-BEARING PILES AT THE WINGWALLS AND ANCHOR/STRAP THE PILES TO THE WINGWALLS. SEAL THE OPENING BETWEEN THE BRIDGE AND WINGWALLS AND FILL/STABILIZE THE ERODED EMBANKMENT. AN ALTERNATE WOULD BE TO COVER THE WINGWALLS WITH RIPRAP EXTENDED TO THE EDGE OF THE CHANNEL. SHOULDERS AND ERODED AREAS COULD ALSO BE STABILIZED WITH RIPRAP. MONITOR CAP AT ABUT. 1 AND SHEET-PILES FOR MOVEMENT AND/OR SEPARATIONS. IF MOVEMENT IS DETECTED, THE PANELS SHOULD BE SECURED TO THE CAP AND CAP SHOULD BE EXTENDED WITH SUFFICIENT REINFORCEMENT AND PILE EMBEDMENT. AN ALTERNATE WOULD BE TO PLACE A STEEL SHEET-PILE WALL IN FRONT OF EXISTING CAP/WALL AND CONNECT TO EXISTING CAP. EXTEND CONCRETE CAP AND FILL VOIDS WITH CONCRETE. OTHERWISE, IF THERE IS NO MOVEMENT OF EXISTING PANELS, REMOVE DEFECTIVE CONCRETE, EXTEND WITH SUFFICIENT REINFORCEMENT AND PILE EMBEDMENT. MONITOR SEPARATIONS BETWEEN CONCRETE SHEET PILES/PANELS FOR LOSS OF APPROACH ROADWAY MATERIAL AND PUMP GROUT INTO ANY VOIDS WHERE EMBANKMENT MATERIAL IS LOST.
Pontis	02/21/2003	S	DLP ABUTMENTS SHOULD BE MONITORED FOR UNDERMINING OF BACKWALLS. COUNTY SHOULD CONSIDER PLACING RIPRAP AT ABUTMENTS FOR PROTECTION.
Pontis	05/15/2003	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 60-SUBSTRUCTURE 60.1.A-ABUT.CAPS: ABUT.1 LEFT SIDE BACK FACE IS BROKEN OFF 2" W/EXPOSED STEEL. 60.1.B-WINGS: ALL WINGS SHOW SEPERATION UP TO .4' FROM BRIDGE. ALL WINGWALLS SHOW SPALLS UP TO 6" ROUND THROUGHOUT.
Pontis	03/09/2004	R	WHM ***P & H CONST. COMPLETES REPAIRS TO BRIDGE TO CONTROL SETTLEMENT OF EMBANKMENT MATERIAL. STEEL SHEET PILES WERE PLACED AT EACH ABUT AND STEEL BARS WERE PLACED TO CONTROL CAP ROTATION AFTER TIE-BACKS WERE REMOVED.
Pontis	05/18/2005	R	WHM *NO ADDITIONAL DEFICIENCIES AT THIS TIME.
Pontis	11/05/2006	R	WHM ***UNDERWATER INSPECTION REPORT*** SOUTHEAST WINGWALL HAS SEPERATED 3" FROM CAP. RECOMMENDATION: MONITOR AND PLACE ADDITIONAL RIPRAP AS NEEDED.
Pontis	05/17/2007	R	WHM 58-DECK 58.6-RAILING:SEVERAL SMNALL SPALLS UP TO 3" ROUND ON TOP FACE OF BARRIER RAILS. 61-CHANNEL 61.2-EMBANKMENT: EROSION HAS OCCURED AROUND WINGWALLS/LEFT SIDE
Pontis	04/20/2009	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 60-SUBSTRUCTURE 60.1.C-BACKWALL:ABUT.1 BACKWALL (CONCRETE SHEET PILES)SHOWS 4'DEEP UNDERMINE DUE TO SEPERATION OF SHEETS.
Pontis	12/14/2010	R	WHM ***SEE ALDOT UNDERWATER INSPECTION FORM***
Pontis	04/08/2011	R	WHM 60-SUBSTRUCTURE 60.1.B-WINGS: ALL (4) WINGWALLS HAVE COMPLETELY FAILED.

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 017078

STR. NUM.: OCO0098 020000005400

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION		
AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY		
OFFSET: 17.06	SNDING DATE: 04 2023	VIEW: L
ELEV BASIS: A	LOCATION OF BM: TOP OF RAIL=100.00	OFST RMRK: FROM CENTERLINE
ELEV EQ: 0.00 = 0.00	STATION EQ: 0 + 0.0000 = 0 + 0.0000	
SND/ELEV IND: S		

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	9.7000	ABUT. 1 EDGE OF WATER _____		
0 + 17.0600	13.7000	TOP OF WATER=5.1 MIDSPAN _____		
0 + 34.1200	14.6000	ABUT. 2 EDGE OF WATER _____		

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 017078

STR. NUM.: OCO0098 020000005400

Sheet: 2 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION

AREA: Mobile

DISTRICT: 02

COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 17.06
ELEV BASIS: A
ELEV EQ: 0.00 = 0.00
SND/ELEV IND: S

SENDING DATE: 04 2023 VIEW: R OFST RMRK: FROM CENTERLINE
LOCATION OF BM: TOP OF RAIL=100.00
STATION EQ: 0 + 0.0000 = 0 + 0.0000

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	7.4000	ABUT. 1 EDGE OF WATER		_____
0 + 17.0600	13.5000	TOP OF WATER=5.1MIDSPAN		_____
0 + 34.1200	10.5000	ABUT. 2 EDGE OF WATER		_____

Inspection Report

FORM: BI-5
BIN: 017078

STR. NUM.: OCO0098 020000005400
Area: Mobile

Sheet: 1 of 3
Printed: 5/16/2023

1 REC

INSPECTION	
PREVIOUS INSP.: Dustin Thweatt	
PREVIOUS DATE: 04/25/2023	NEW DATE: _____
PREVIOUS INSP. TYPE: Regular NBI	NEW INSP. TYPE: _____

RATING		
	CURRENT	NEW
58) DECK RATING	7	_____
59) SUPERSTRUCTURE RATING	8	_____
60) SUBSTRUCTURE RATING	5	_____
61) CHANNEL & CHANNEL PROTECTION	8	_____
62) CULVERT RATING	N	_____

REMARKS
Deck 7: due to abrasion and delam.
Super: good condition
Sub: due to failure of wingwall and other problems noted in BI 13

MISCELLANEOUS		
	CURRENT	NEW
71) WATERWAY ADEQUACY	6	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	6	_____
36) TRAFFIC SAFETY FEATURES		
A) BRIDGE RAIL	1	_____
B) TRANSITION	1	_____
C) APPROACH RAIL	1	_____
D) END TREATMENT	1	_____
LOAD POSTING SIGNS:		
A) REQUIRED		_____
B) PRESENT		_____
C) VISIBLE		_____
D) LEGIBLE		_____

Inspection Report

FORM: BI-5
BIN: 017078

STR. NUM.: OCO0098 020000005400
1 REC Area: Mobile

Sheet: 3 of 3
Printed: 5/16/2023

PREVIOUS DATE: 04/25/2023

NEW DATE: _____

CURRENT: 1080 Delamination/Spall/Patched / 2 35 each 0.00 0.00 35.00 0.00

NEW:

NOTES: abutment 1 cap is spalled / cracked across the length. also se BI 13

CURRENT: 331 Re Conc Bridge Railing 2 68 ft 0.00 68.00 0.00 0.00

NEW:

NOTES: -

CURRENT: 1080 Delamination/Spall/Patched / 2 68 each 0.00 68.00 0.00 0.00

NEW:

NOTES: -

REASON FOR INSP. _____

INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT NO. ALA. PROF. ENGR. NO.

REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Structure Inventory and Appraisal

Date: _____

STR. NUM.: OCO0000 020000024500

Sheet: 1 of 9

FORM: BI-6
BIN: 021721

1 REC

Printed: 5/16/2023

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	021721	
8) NBI STRUCTURE NO	021721	
NAME	-	

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	
1B) FHWA REGION	Region 4-Atlanta	
2) AREA	Mobile	
3) COUNTY	Baldwin	
4) CITY/TOWN/PLACECODE	Unknown	
6A) FEATURE INTERSECTED	BR. off Point Clear Cr.	
7) FACILITY CARRIED	Saddle Wood Lane	
9) LOCATION	500' west of poloridge dr	
16) LATITUDE	30D 28M 44.170S	D _ M _ S
17) LONGITUDE	87D 54M 37.220S	D _ M _ S
98AA) BORDER STATE	Not Applicable (P)	
98B) SHARE(%)		%
98AB) BORDER FHWA REGION	Not Applicable	
99) BORDER STRUCT NO	-	

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	2000	
106) YEAR RECONSTRUCT		
42A) TYPE OF SERVICE ON	1 Highway	
42B) UNDER	5 Waterway	
28B) LANES UNDER	0	

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	
22) OWNER	County Hwy Agency	
ALDOT DISTRICT	901 - Unknown	

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	
101) PARALLEL STRUCTURE	No bridge exists	
103) TEMPORARY STRUCTURE	Not Applicable (P)	
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	

Structure Inventory and Appraisal
 STR. NUM.: OCO0000 020000024500

Date: _____
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FORM: BI-6
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1 REC

INSPECTION		CURRENT
90) INSPECTION DATE		11/8/2022
91) FREQUENCY		24 mo
93A) FC INSPECTION DATE		N/A
92A) FC FREQUENCY		
93B) UW INSPECTION DATE		N/A
92B) UW FREQUENCY		
93C) SPECIAL INSPECTION DATE		N/A
92C) SPECIAL FREQUENCY		

CONDITION		CURRENT
58) DECK		N N/A (NBI)
59) SUPER		N N/A (NBI)
60) SUB		N N/A (NBI)
61) CHANNEL/CHANNEL PROTECTION		8 Protected
62) CULVERT		7 Minor Deterioration

BRIDGE REPLACEMENT		CURRENT
PROGRAM YEAR		
PRIORITY		
LOAD DEFICIENCY POINTS		0.0000
WIDTH DEFICIENCY POINTS		0.0000
VERT. CIR. DEFICIENCY POINTS		0.0000
CONDITION DEFICIENCY POINTS		0.0000
TOTAL DEFICIENCY POINTS		0.0000
LOCAL RANK		0 of 838
STATEWIDE RANK		0 of 11,124

 INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. or ALA. PROF. ENGR. NO

 REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Structure Inventory and Appraisal
 STR. NUM.: OCO0000 020000024500

Date: _____
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FORM: BI-6
 BIN: 021721

1 REC

Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	N N/A (NBI)	_____
108A) DECK SURFACE TYPE	N N/A (no deck (NBI))	_____
108B) DECK MEMBRANE TYPE	N N/A (no deck (NBI))	_____
108C) DECK PROTECTION	N N/A (no deck (NBI))	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ ft
52) DECK WIDTH	0.00 ft	_____ ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	1,620.00	_____ (SF)

STRUCTURE STATUS		
	CURRENT	NEW
BRIDGE STATUS	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	3	_____
43A) MAIN SPANS MATERIAL	1 Concrete	_____
43B) MAIN SPANS DESIGN	19 Culvert	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	10.00 ft	_____ ft
49) STRUCTURE LENGTH	30.00 ft	_____ ft
TOTAL LENGTH	30.00 ft	_____ ft

Structure Inventory and Appraisal

STR. NUM.: OCO0000 020000024500

Date: _____

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Printed: 5/16/2023

FORM: BI-6

BIN: 021721

1 REC

Inventory - Roads Subtask

IDENTIFICATION		
	CURRENT	NEW
ROAD/ROUTE NAME	Saddle wood lane	_____
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	0 None of the below	_____
5D) RTE#	00000	_____
5E) SUFFIX.	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION		
	CURRENT	NEW
11) KILOMETER/MILE POINT	0.000 mi	_____mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00000	_____
13B) SUB#		_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	09 Rural Local	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC		
	CURRENT	NEW
28A) LANES	2	_____
SPEED	25 mph	_____mph
29) RECENT ADT	50	_____
30) YEAR	2022	_____
109) TRUCK %		_____%
114) FUTURE ADT	55	_____
115) FUT. YEAR	2042	_____

ALTERNATE CLASSIFICATIONS		
	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	Yes	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	Yes	[]
NBI RTE.	Yes	[]

Structure Inventory and Appraisal
STR. NUM.: OCO0000 020000024500

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1 REC

Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.99 ft	_____ft
47) HORIZONTAL	46.00 ft	_____ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	20.00 ft	_____ft
51) ROADWAY	0.00 ft	_____ft

DETOURS		
	CURRENT	NEW
19) LENGTH	99.99 mi	_____mi

Structure Inventory and Appraisal

STR. NUM.: OCO0000 020000024500

Date: _____

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Printed: 5/16/2023

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1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION		
	CURRENT	NEW
201) LOCAL IDENTIFIER	0245	_____
215) PREVIOUS STRUCTURE BIN(s)		_____
298) REPLACEMENT BIN		_____
214) ADJACENT MAINLINE BIN		_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT		_____
207) SENATE DISTRICT		_____
208) HOUSE DISTRICT		_____
297) LOCAL COMMISSION DISTRICT	2	_____
294) BRIDGE NAME / DESIGNATOR		_____
210) CPMS REFERENCE NUMBER		_____
292) PROJECT NUMBER		_____
ALABAMA ID	OCO0000 020000024500	_____
ALDOT REGION	Southwest Region	_____

INSPECTION		
	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	0	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.		_____
219A) SNOOPER INSP. REQUIRED	Snooper Insp. Not Req'd	_____
219B) SNOOPER INSP. FREQUENCY		_____
220) LAST SNOOPER INSPECTION DATE		____/____/____
224A) SCOUR INSPECTION REQUIRED		_____
224B) SCOUR INSPECTION FREQUENCY		_____mo
224C) SPECIAL INSPECTION DETAIL INDICATOR	No Special Details	_____
225A) SCOUR COUNTERMEASURES REQUIRED		_____
225B) SCOUR COUNTERMEASURES PLANNED		____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED		____/____/____
113) SCOUR CRITICAL	Unknown (NBI)	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION		_____
FOUNDATION TYPE	Unknown	_____
FOUNDATION ELEVATION	Unknown	_____
STREAMBED MATERIAL	Sand/Clay	_____

Structure Inventory and Appraisal
 STR. NUM.: OCO0000 020000024500

Date: _____
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FORM: BI-6
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1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	98.00	_____ ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	91.56	_____ ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	BRASS Culvert	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	01/05/2023	xxxxxxxx
253) RATING STATUS	Rating Published	_____
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	86.8	_____ ton
254B) LOAD TYPE TWO-AXLE	98.0	_____ ton
254C) LOAD TYPE TRI-AXLE DUMP	98.0	_____ ton
254D) LOAD TYPE CONCRETE TRUCK	98.0	_____ ton
254E) LOAD TYPE 18 WHEELER	98.0	_____ ton
254F) LOAD TYPE SIX-AXLE	98.0	_____ ton
254G) LOAD TYPE SCHOOL BUS	98.0	_____ ton
254H) LOAD TYPE EV2	98.0	_____ ton
254I) LOAD TYPE EV3	98.0	_____ ton
257) REASON POSTED	Culvert	_____
	None / Condition Noted	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE		____/____/____
259) POSTING CHART INDICATOR	Leave Off Posting Chart	_____
261) DATE OF TEMPORARY STRENGTHENING		____/____/____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN		_____
266) STANDARD DRAWING APPROACH SPAN		_____
31) LIVE LOAD	5 MS 18 (HS 20)	_____

Structure Inventory and Appraisal
STR. NUM.: OCO0000 020000024500

Date: _____

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FORM: BI-6
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1 REC

Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Reinf. Conc. Box Culvert	_____
233A) NUMBER OF BARRELS OR PIPES	3	_____
233B) BARREL LENGTH	54.00 ft	_____ ft
233C) BARREL SPAN	10.00 ft	_____ ft
233D) BARREL HEIGHT	5.00 ft	_____ ft
233E) DEPTH OF FILL	1.30 ft	_____ ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Not - Horz or Vert Curve	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Not Applicable	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Not Applicable	_____
244C) BEGIN ABUTMENT CAP TYPE	Not Applicable	_____
244D) BEGIN ABUTMENT FOUNDATION	Not Applicable	_____
245A) ENDING ABUTMENT TYPE	Not Applicable	_____
245B) ENDING ABUTMENT CAP MATERIAL	Not Applicable	_____
245C) ENDING ABUTMENT CAP TYPE	Not Applicable	_____
245D) ENDING ABUTMENT FOUNDATION	Not Applicable	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED		____/____/____
271A) PRIMER PAINT TYPE	Not Applicable	_____
271B) INTERMEDIATE PAINT TYPE	Not Applicable	_____
271C) FINISH PAINT TYPE	Not Applicable	_____
271D) UNDERCOAT PAINT TYPE	Not Applicable	_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST		_____

Structure Inventory and Appraisal
STR. NUM.: OCO0000 020000024500

Date: _____
Sheet: 8 of 9
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1 REC

Appraisal Task

STRUCTURAL APPRAISAL		
	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	xxxxxx
72) APPROACH ALIGNMENT	8 Equal Desirable Crit	_____
36A) BRIDGE RAILINGS	N N/A or not required	_____
36B) TRANSITIONS	N N/A or not required	_____
36C) APPROACH GUARDRAIL	N N/A or not required	_____
36D) APPROACH GUARDRAIL ENDS	N N/A or not required	_____
111) PIER PROTECTION	Not Applicable (P)	_____
113) SCOUR CRITICAL	Unknown (NBI)	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS		
	CURRENT	NEW
67) STRUCTURAL EVALUATION	7 Above Min Criteria	xxxxx
68) DECK GEOMETRY	N Not applicable (NBI)	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	94.60	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	100.00	xxxxx%

CLEARANCES		
	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	0.00 ft	_____ ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	0.00 ft	_____ ft
56) LEFT SIDE	0.00 ft	_____ ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ ft

NBI LOAD RATINGS		
	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	_____
RATING DATE	01/05/2023	xxxxx
31) DESIGN LOAD	5 MS 18 (HS 20)	xxxxxxx
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	98.00	_____ ton
65) INVENTORY TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	91.56	_____ ton

Bridge Maintenance Needed

FORM: BI-9

STR. NUM.: OCO0000 020000024500

Sheet: 1 of 1

BIN: 021721

1 REC

Printed: 5/16/2023

INSPECTED BY: _____ DATE: _____

REVIEWED BY: _____ DATE: _____

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
NEW ACTIVITY:	B: _____	ACTIVITY DESCRIPTION:	_____	_____	_____
UNIT: _____	QTY: _____	PRIORITY:	_____	_____	_____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 021721

1 REC

STR. NUM.: OCO0000 020000024500

Sheet: 1 of 2
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IDENTIFICATION		
AREA: Mobile	DISTRICT: -1	COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY			
OFFSET: 27.00	SNDING DATE: 11 2022	VIEW: L	OFST RMRK: FROM CENTERLINE
ELEV BASIS: A	LOCATION OF BM: Top of PW		
ELEV EQ: 0.00 = 0.00	STATION EQ: 0 + 0.0000 = 0 + 0.0000		
SND/ELEV IND: S			

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	7.8000 A1		_____	
0 + 5.0000	8.1000 MS		_____	
0 + 10.0000	8.2000 B2		_____	
0 + 15.0000	6.3000 MS		_____	
0 + 20.0000	5.5000 B3		_____	
0 + 25.0000	6.0000 MS		_____	
0 + 30.0000	7.4000 A4		_____	

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 021721

STR. NUM.: OCO0000 020000024500

Sheet: 2 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION

AREA: Mobile

DISTRICT: -1

COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 27.00
ELEV BASIS: A
ELEV EQ: 0.00 = 0.00
SND/ELEV IND: S

SNDRING DATE: 11 2022 VIEW: R OFST RMRK: FROM CENTERLINE
LOCATION OF BM: Top of PW
STATION EQ: 0 + 0.0000 = 0 + 0.0000

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	6.2000	A1		
0 + 5.0000	6.5000	MS		
0 + 10.0000	6.6000	B2		
0 + 15.0000	6.1000	MS		
0 + 20.0000	5.9000	B3		
0 + 25.0000	6.4000	MS		
0 + 30.0000	6.5000	A4		

Inspection Report

FORM: BI-5
BIN: 021721

STR. NUM.: OCO0000 020000024500
Area: Mobile

Sheet: 1 of 2
Printed: 5/16/2023

INSPECTION	
PREVIOUS INSP.: Dustin Thweatt	
PREVIOUS DATE: 11/08/2022	NEW DATE: _____
PREVIOUS INSP. TYPE: Regular NBI	NEW INSP. TYPE: _____

RATING		
	CURRENT	NEW
58) DECK RATING	N	_____
59) SUPERSTRUCTURE RATING	N	_____
60) SUBSTRUCTURE RATING	N	_____
61) CHANNEL & CHANNEL PROTECTION	8	_____
62) CULVERT RATING	7	_____

REMARKS
-

MISCELLANEOUS		
	CURRENT	NEW
71) WATERWAY ADEQUACY	8	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	8	_____
36) TRAFFIC SAFETY FEATURES		_____
A) BRIDGE RAIL	N	_____
B) TRANSITION	N	_____
C) APPROACH RAIL	N	_____
D) END TREATMENT	N	_____
LOAD POSTING SIGNS:		
A) REQUIRED		_____
B) PRESENT		_____
C) VISIBLE		_____
D) LEGIBLE		_____

Inspection Report

FORM: BI-5
BIN: 021721

STR. NUM.: OCO0000 020000024500
1 REC Area: Mobile

Sheet: 2 of 2
Printed: 5/16/2023

PREVIOUS DATE: 11/08/2022
NEW DATE: _____

STRUCTURE UNIT: Struc

	ELEM #	ELEMENT NAME	ENV	QUANTITY	UNITS	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
CURRENT:	241	Re Conc Culvert	2	162	ft	162.00	0.00	0.00	0.00
NEW:									
NOTES:									

REASON FOR INSP. _____

INSPECTOR'S SIGNATURE _____

DATE _____

INSP. NBIS CERT NO. _____

ALA. PROF. ENGR. NO. _____

REVIEWER'S SIGNATURE _____

DATE _____

REVIEWER'S TITLE _____

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005500

Date: _____
 Sheet: 1 of 9
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FORM: BI-6
 BIN: 016187

1 REC

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	016187	
8) NBI STRUCTURE NO	016187	
NAME	?????????????????????????????	

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	
1B) FHWA REGION	Region 4-Atlanta	
2) AREA	Mobile	
3) COUNTY	Baldwin	
4) CITY/TOWN/PLACECODE	Unknown	
6A) FEATURE INTERSECTED	ROCK CREEK	
7) FACILITY CARRIED	COUNTY ROAD 98	
9) LOCATION	3.2 MI S. OF CO. RD. 64	
16) LATITUDE	30D 33M 28.280S	D _ M _ S
17) LONGITUDE	87D 53M 58.990S	D _ M _ S
98AA) BORDER STATE	Not Applicable (P)	
98B) SHARE(%)	0	%
98AB) BORDER FHWA REGION	Not Applicable	
99) BORDER STRUCT NO	-	

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	1996	
106) YEAR RECONSTRUCT	0	
42A) TYPE OF SERVICE ON	1 Highway	
42B) UNDER	5 Waterway	
28B) LANES UNDER	0	

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	
22) OWNER	County Hwy Agency	
ALDOT DISTRICT	District 2	

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	
101) PARALLEL STRUCTURE	No bridge exists	
103) TEMPORARY STRUCTURE	Not Applicable (P)	
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005500

Date: _____
 Sheet: 9 of 9
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FORM: BI-6
 BIN: 016187

1 REC

INSPECTION	
	CURRENT
90) INSPECTION DATE	3/23/2022
91) FREQUENCY	24 mo
93A) FC INSPECTION DATE	N/A
92A) FC FREQUENCY	
93B) UW INSPECTION DATE	N/A
92B) UW FREQUENCY	
93C) SPECIAL INSPECTION DATE	N/A
92C) SPECIAL FREQUENCY	

CONDITION	
	CURRENT
58) DECK	7 Good
59) SUPER	7 Good
60) SUB	7 Good
61) CHANNEL/CHANNEL PROTECTION	6 Bank Slumping
62) CULVERT	N N/A (NBI)

BRIDGE REPLACEMENT	
	CURRENT
PROGRAM YEAR	0
PRIORITY	X
LOAD DEFICIENCY POINTS	0.0000
WIDTH DEFICIENCY POINTS	7.7000
VERT. CIR. DEFICIENCY POINTS	0.0000
CONDITION DEFICIENCY POINTS	0.0000
TOTAL DEFICIENCY POINTS	7.7000
LOCAL RANK	39 of 838
STATEWIDE RANK	4,958 of 11,124

 INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. or ALA. PROF. ENGR. NO

 REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 016187

STR. NUM.: OCO0098 020000005500

Sheet: 1 of 2
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1 REC

IDENTIFICATION		
AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY		
OFFSET: 17.06	SNDRING DATE: 03 2022	VIEW: L
ELEV BASIS: P	LOCATION OF BM: TOP LT RAIL STA 0+0	OFST RMRK: FROM CENTERLINE
ELEV EQ: 0.00 = 0.00	STATION EQ: 0 + 0.0000 = 10 + 0.2600	
SND/ELEV IND: S		

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	3.7000	ABUT. 1		
0 + 7.8700	8.9000	MIDSPAN		
0 + 21.0000	12.3000			
0 + 24.9300	14.1000	BENT 2		
0 + 37.0700	20.9000	MIDSPAN T.O.S.		
0 + 41.9900	20.9000	EDGE OF WATER		
0 + 49.8700	23.0000	BENT 3 TOP OF WATER=18.9		
0 + 62.0100	21.4000	MIDSPAN		
0 + 75.1300	21.3000	BENT 4		
0 + 83.0100	18.9000	EDGE OF WATER		
0 + 86.9400	18.8000	MIDSPAN		
1 + 0.0700	17.1000	BENT 5 TOE OF SLOPE		
1 + 11.8800	10.6000	MIDSPAN		
1 + 25.0000	4.4000	ABUT. 6		

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 016187

1 REC

STR. NUM.: OCO0098 020000005500

Sheet: 2 of 2
Printed: 5/16/2023

IDENTIFICATION

AREA: Mobile

DISTRICT: 02

COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 17.06
ELEV BASIS: P
ELEV EQ: 0.00 = 0.00
SND/ELEV IND: S

SNDRING DATE: 03 2022 VIEW: R
LOCATION OF BM: TOP LT RAIL STA 0+0
STATION EQ: 0 + 0.0000 = 10 + 0.2600

OFST RMRK: FROM CENTERLINE

STATIONS	CURRENT		NEW	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	3.9000	ABUT. 1		
0 + 7.8700	9.5000	MIDSPAN		
0 + 21.0000	10.2000			
0 + 24.9300	11.7000	BENT 2		
0 + 37.0700	18.5000	MIDSPAN TOE OF SLOPE E.O.		
0 + 49.8700	21.0000	BENT 3		
0 + 62.0100	22.1000	MIDSPAN		
0 + 75.1300	21.9000	BENT 4 TOP OF WATER=18.8		
0 + 83.0100	21.0000	MIDSPAN EDGE OF WATER		
1 + 0.0700	19.9000	BENT 5 TOE OF SLOPE		
1 + 11.8800	11.9000	MIDSPAN		
1 + 25.0000	4.7000	ABUT. 6		

Inspection Report

FORM: BI-5
BIN: 016187

STR. NUM.: OCO0098 020000005500
Area: Mobile

Sheet: 1 of 3
Printed: 5/16/2023

1 REC

INSPECTION	
PREVIOUS INSP.: Dustin Thweatt	
PREVIOUS DATE: 03/23/2022	NEW DATE: _____
PREVIOUS INSP. TYPE: Regular NBI	NEW INSP. TYPE: _____

RATING		
	CURRENT	NEW
58) DECK RATING	7	_____
59) SUPERSTRUCTURE RATING	7	_____
60) SUBSTRUCTURE RATING	7	_____
61) CHANNEL & CHANNEL PROTECTION	6	_____
62) CULVERT RATING	N	_____

REMARKS
Deck and Super: 7 due to cracking at bent 4, longitudinal crack located down centerline and abrasion.
Sub 7: Due to spalls on piles and caps and abrasion on piles in channel.

MISCELLANEOUS		
	CURRENT	NEW
71) WATERWAY ADEQUACY	7	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	8	_____
36) TRAFFIC SAFETY FEATURES		
A) BRIDGE RAIL	1	_____
B) TRANSITION	1	_____
C) APPROACH RAIL	1	_____
D) END TREATMENT	1	_____
LOAD POSTING SIGNS:		
A) REQUIRED		_____
B) PRESENT		_____
C) VISIBLE		_____
D) LEGIBLE		_____

Inspection Report

FORM: BI-5
BIN: 016187

STR. NUM.: OCO0098 020000005500
1 REC Area: Mobile

Sheet: 2 of 3
Printed: 5/16/2023

PREVIOUS DATE: 03/23/2022

NEW DATE: _____

STRUCTURE UNIT: 1

	ELEM #	ELEMENT NAME	ENV	QUANTITY	UNITS	QTY	QTY	QTY	QTY
						CS 1	CS 2	CS 3	CS 4
CURRENT:	38	Re Concrete Slab	2	4,062	sq.ft	936.00	3,125.00	1.00	0.00
NEW:									
NOTES:									
CURRENT:	1130	Cracking (RC and Other)	2	363	each	0.00	362.00	1.00	0.00
NEW:									
NOTES:		Map cracking located at bent 4 and a longitudinal crack down the centerline of bridge. 1'x1' area of cracking on span 5 northbound lane in CS 3 due to width of crack- see sketch							
CURRENT:	1190	Abrasion(PSC/RC)	2	2,763	each	0.00	2,763.00	0.00	0.00
NEW:									
NOTES:		abrasion in travel lanes.							
CURRENT:	226	Pre Conc Pile	2	20	(EA)	7.00	11.00	2.00	0.00
NEW:									
NOTES:		-							
CURRENT:	1080	Delamination/Spall/Patched /	2	3	each	0.00	1.00	2.00	0.00
NEW:									
NOTES:		Bent 4 pile 5 shows spall 12" X 6" X 1/2" Bent 5 pile 4 shows spall 6" X 3" X 1/2" Bent 5 pile 3 shows spall 4" X 3" X 1/2"							
CURRENT:	1190	Abrasion(PSC/RC)	2	10	each	0.00	10.00	0.00	0.00
NEW:									
NOTES:		abrasion located wet / dry zone on piles in channel							
CURRENT:	234	Re Conc Pier Cap	2	210	ft	207.00	1.00	2.00	0.00
NEW:									
NOTES:		-							
CURRENT:	1080	Delamination/Spall/Patched /	2	3	each	0.00	1.00	2.00	0.00
NEW:									
NOTES:		Abutment 1 cap right side shows spall 6" X 6" X 3/4" Cap bent 2 shows spall above pile 5 8" X 6" X 3/4"							

Inspection Report

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STR. NUM.: OCO0098 020000005500
1 REC Area: Mobile

Sheet: 3 of 3
Printed: 5/16/2023

PREVIOUS DATE: 03/23/2022

NEW DATE: _____

CURRENT:	331	Re Conc Bridge Railing	2	250	ft	220.00	27.00	3.00	0.00
NEW:									
NOTES:	-								

CURRENT:	1080	Delamination/Spall/Patched /	2	3	each	0.00	0.00	3.00	0.00
NEW:									
NOTES:	Bent 3 shows spall outside face 3' X 10" X 1"								

CURRENT:	1130	Cracking (RC and Other)	2	27	each	0.00	27.00	0.00	0.00
NEW:									
NOTES:	-								

REASON FOR INSP. _____

_____ INSPECTOR'S SIGNATURE	_____ DATE	_____ INSP. NBIS CERT NO.	_____ ALA. PROF. ENGR. NO.
--------------------------------	---------------	------------------------------	-------------------------------

_____ REVIEWER'S SIGNATURE	_____ DATE	_____ REVIEWER'S TITLE
-------------------------------	---------------	---------------------------

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000005500

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FORM: BI-6
 BIN: 016187

1 REC

Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	1 Concrete-Cast-in-Place	_____
108A) DECK SURFACE TYPE	0 None	_____
108B) DECK MEMBRANE TYPE	0 None	_____
108C) DECK PROTECTION	None	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ ft
52) DECK WIDTH	32.50 ft	_____ ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	4,062.50	_____ (SF)

STRUCTURE STATUS		
	CURRENT	NEW
BRIDGE STATUS	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	5	_____
43A) MAIN SPANS MATERIAL	2 Concrete Continuous	_____
43B) MAIN SPANS DESIGN	01 Slab	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	24.90 ft	_____ ft
49) STRUCTURE LENGTH	125.00 ft	_____ ft
TOTAL LENGTH	125.00 ft	_____ ft

Structure Inventory and Appraisal
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FORM: BI-6
 BIN: 016187

1 REC

Inventory - Roads Subtask

IDENTIFICATION		
	CURRENT	NEW
ROAD/ROUTE NAME	COUNTY ROAD 98	_____
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	1 Mainline	_____
5D) RTE#	00098	_____
5E) SUFFIX	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION		
	CURRENT	NEW
11) KILOMETER/MILE POINT	0.006 mi	_____mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00980	_____
13B) SUB#	00	_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	19 Urban Local	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC		
	CURRENT	NEW
28A) LANES	2	_____
SPEED	35 mph	_____mph
29) RECENT ADT	4,583	_____
30) YEAR	2022	_____
109) TRUCK %	1%	_____%
114) FUTURE ADT	6,188	_____
115) FUT. YEAR	2042	_____

ALTERNATE CLASSIFICATIONS		
	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	No	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	No	[]
NBI RTE.	Yes	[]

Structure Inventory and Appraisal
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1 REC

Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.99 ft	_____ ft
47) HORIZONTAL	29.80 ft	_____ ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	40.00 ft	_____ ft
51) ROADWAY	29.80 ft	_____ ft

DETOURS		
	CURRENT	NEW
19) LENGTH	1.00 mi	_____ mi

Structure Inventory and Appraisal
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1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION		
	CURRENT	NEW
201) LOCAL IDENTIFIER	0055	_____
215) PREVIOUS STRUCTURE BIN(s)	4130	_____
298) REPLACEMENT BIN	0	_____
214) ADJACENT MAINLINE BIN	0	_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT	01	_____
207) SENATE DISTRICT	32	_____
208) HOUSE DISTRICT	094	_____
297) LOCAL COMMISSION DISTRICT	02??	_____
294) BRIDGE NAME / DESIGNATOR	?	_____
210) CPMS REFERENCE NUMBER	NNNNNNNNNN	_____
292) PROJECT NUMBER	NNNNNNNNNNNNNNNNNNNN	_____
ALABAMA ID	OCO0098 020000005500	_____
ALDOT REGION	Southwest Region	_____

INSPECTION		
	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	0	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.	0	_____
219A) SNOOPER INSP. REQUIRED	Snooper Insp. Not Req'd	_____
219B) SNOOPER INSP. FREQUENCY	0	_____
220) LAST SNOOPER INSPECTION DATE	01/01/1900	____/____/____
224A) SCOUR INSPECTION REQUIRED	Scour Monit. Req'd	_____
224B) SCOUR INSPECTION FREQUENCY	24 mo	_____mo
224C) SPECIAL INSPECTION DETAIL INDICATOR	No Special Details	_____
225A) SCOUR COUNTERMEASURES REQUIRED	Scour Counterterm Not Req'd	_____
225B) SCOUR COUNTERMEASURES PLANNED	01/01/1900	____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED	01/01/1900	____/____/____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION	Eval Based on Scour Cal	_____
FOUNDATION TYPE	Pile	_____
FOUNDATION ELEVATION	Known	_____
STREAMBED MATERIAL	Sand/Clay	_____

Structure Inventory and Appraisal
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1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	95.40	_____ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	57.60	_____ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	AASHTO BARS	_____
	Not Rated / Analyzed	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	12/01/1995	xxxxxxxx
253) RATING STATUS	Rating Published	_____
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	49.3	_____ton
254B) LOAD TYPE TWO-AXLE	76.5	_____ton
254C) LOAD TYPE TRI-AXLE DUMP	67.7	_____ton
254D) LOAD TYPE CONCRETE TRUCK	66.2	_____ton
254E) LOAD TYPE 18 WHEELER	98.0	_____ton
254F) LOAD TYPE SIX-AXLE	98.0	_____ton
254G) LOAD TYPE SCHOOL BUS	62.5	_____ton
254H) LOAD TYPE EV2	0.0	_____ton
254I) LOAD TYPE EV3	0.0	_____ton
257) REASON POSTED	Superstructure	_____
	None / Condition Noted	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE	01/01/1900	____/____/____
259) POSTING CHART INDICATOR	Include on Posting Chart	_____
261) DATE OF TEMPORARY STRENGTHENING	01/01/1900	____/____/____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN	SPECIAL	_____
266) STANDARD DRAWING APPROACH SPAN	????????????????	_____
31) LIVE LOAD	5 MS 18 (HS 20)	_____

Structure Inventory and Appraisal
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1 REC

Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Not Applicable	_____
233A) NUMBER OF BARRELS OR PIPES	0	_____
233B) BARREL LENGTH	0.00 ft	_____ ft
233C) BARREL SPAN	0.00 ft	_____ ft
233D) BARREL HEIGHT	0.00 ft	_____ ft
233E) DEPTH OF FILL	0.00 ft	_____ ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Horz & Sag Vert Curves	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Pile Bent	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Reinforced Concrete	_____
244C) BEGIN ABUTMENT CAP TYPE	Cast in Place	_____
244D) BEGIN ABUTMENT FOUNDATION	Prestress Concrete Piles	_____
245A) ENDING ABUTMENT TYPE	Pile Bent	_____
245B) ENDING ABUTMENT CAP MATERIAL	Reinforced Concrete	_____
245C) ENDING ABUTMENT CAP TYPE	Cast in Place	_____
245D) ENDING ABUTMENT FOUNDATION	Prestress Concrete Piles	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Prestressed Concrete	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	5 or + Column Pier Bent	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Reinforced Concrete	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Cast-in-Place	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Prestressed Conc. Piles	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED	01/01/1900	____/____/____
271A) PRIMER PAINT TYPE	Not Applicable	_____
271B) INTERMEDIATE PAINT TYPE	Not Applicable	_____
271C) FINISH PAINT TYPE	Not Applicable	_____
271D) UNDERCOAT PAINT TYPE	Not Applicable	_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST	0.00	_____

Structure Inventory and Appraisal
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1 REC

Appraisal Task

STRUCTURAL APPRAISAL		
	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	xxxxxx
72) APPROACH ALIGNMENT	8 Equal Desirable Crit	_____
36A) BRIDGE RAILINGS	1 Meets Standards	_____
36B) TRANSITIONS	1 Meets Standards	_____
36C) APPROACH GUARDRAIL	1 Meets Standards	_____
36D) APPROACH GUARDRAIL ENDS	1 Meets Standards	_____
111) PIER PROTECTION	Not Applicable (P)	_____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS		
	CURRENT	NEW
67) STRUCTURAL EVALUATION	7 Above Min Criteria	xxxxx
68) DECK GEOMETRY	4 Tolerable	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	82.60	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	80.67	xxxxx%

CLEARANCES		
	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	99.99 ft	_____ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	0.00 ft	_____ft
56) LEFT SIDE	0.00 ft	_____ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ft

NBI LOAD RATINGS		
	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	_____
RATING DATE	12/01/1995	xxxxx
31) DESIGN LOAD	5 MS 18 (HS 20)	xxxxxxx
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	95.40	_____ton
65) INVENTORY TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	57.60	_____ton

General Narrative Form

FORM: BI-13
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1 REC

USER ID	DATE	TYPE	COMMENTS
Pontis	01/01/1995	R	RYF STRUCTURE: 5 SPAN CONTINUOUS (25' SPANS) CONCRETE SLAB BRIDGE TO BE CONSTRUCTED UNDER PROJ 406300.10 SET 1.
Pontis	12/18/1995	R	GHC RCVD PROJECT DWGS FROM BALDWIN CO TO RATE BRIDGE (LOANER).
Pontis	12/27/1995	R	RYF RATED USING LF. MF BARS R5.5M2.0. INV = 2 57 OPER = 2 96 : POST = LEGAL ALL VEHICLES.
Pontis	02/05/1998	G	GM 60 SUBSTRUCTURE 60.1.F. EROSION/SCOUR MODERATE UNDERMINING OF EMBANKMENT MATERIAL IS OCCURRING UNDERNEATH BOTH ABUTMENT CAPS, CAUSING ROADWAY TO INDENT TO BRIDGE ENDSLAB.
Pontis	02/22/2000	G	MWS *SAME AS PREVIOUS INSPECTIONS WITH FOLLOWING ADDITIONS: 58-DECK 58.6- RAILINGS- MAP CRACKING WITH EFFLORESCENCE AT SPANS 1&5 BOTH SIDES. 275-APPROACH ROADWAY CONDITION - POT HOLE IN FAR LEFT END- EDGE OF PAVEMENT.
Pontis	02/22/2002	G	WHM *SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 58-DECK 58.2-STRUCTURAL: DECK SHOWS EXPOSED AGGREGATE LOCATED THROUGHOUT. 58.6-RAILING: BARRIER RAIL AT SPAN 2/LEFT SIDE SHOWS MAP CRACKING WITH EFFLORESCENCE. 36-TRAFFIC SAFETY FEATURES 36.D-END TREATMENT: SAFETY CABLE MISSING FROM TYPE 10A END ANCHOR AT FAR RIGHT.
Pontis	02/26/2004	G	WHM *SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 58-DECK 58.2-STRUCTURAL: SHOWS SEVERAL MINOR POPOUTS LOCATED THROUGHOUT 58.6-RAILING: SHOWS VERTICAL HAIRLINE CRACKS W/EFFLORESCENCE LOCATED THROUGHOUT. FROM EACH CORNER OF BARRIER RAIL INWARD UP TO 10' MAP CRACKING IS MORE PREDOMINANT. SPAN 1/RIGHT SIDE RAILING SHOWS A 2' LONG DELAMINATED AREA ON TOP FACE. 36-TRAFFIC SAFETY FEATURES 36.D-END TREATMENT: LARGE AMOUNT OF BRUSH AND SMALL TREES OBSCURE THE END TREATMENTS.
Pontis	02/13/2006	R	WHM 58-DECK 58.6-RAILING: BENT 3/RIGHT SIDE SHOWS A 4" ROUND SPALL ON OUTSIDE FACE OF BARRIER RAIL. SPAN 5/LEFT SIDE SHOWS A 6" LONG SPALL ON TOP OF RAILING. 58.8-DRAINS: SAND/DEBRIS HAS COLLECTED IN GUTTERLINES.
Pontis	02/11/2008	R	MWS 58-DECK 58.2-STRUCTURAL: STA. 0+35/SPAN 5-NORTHBOUND SHOWS SEVERAL LONGITUDINAL CRACKS UP TO 4' LONG ON TOP FACE. OUTSIDE FACE OF DECK UNDER RAILS AND OVER BENTS SHOW MINOR SPALLS AND HAIRLINE CRACKS W/EFFLORESCENCE. 58.6-RAILING: BARRIER RAIL AT FAR RIGHT SIDE SHOWS CRACK ON TOP FACE 1/16" WIDE AT GUARDRAIL CONNECTION. STA. 0+38/RIGHT SIDE SHOWS A SPALL 12"L X 2"W X 1/2"D. 60-SUBSTRUCTURE 60.2.D.1-BENTS/PILES: PILES AT BENTS 3&4 SHOW EXPOSED AGGREGATE IN WET/DRY ZONE. 36-TRAFFIC SAFETY FEATURES 36.D-END TREATMENTS: FIRST STEEL POST FROM END TREATMENT AT FAR RIGHT SIDE IS MISSING. CABLE AT FAR RIGHT HAS BEEN REPLACED. TREAT MENT AT FAR LEFT IS SEPARATED FROM POST.
Pontis	02/22/2010	R	MWS ***NO ADDITIONAL DEFICIENCIES NOTED AT THIS INSPECTION***
Pontis	02/15/2012	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 59-SUPERSTRUCTURE 59.1.E-BEARING DEVICES: ASPHALT BEARING MATERIAL IN ADVANCED DECAY THROUGHOUT. 60-SUBSTRUCTURE 60.2.A-BENT CAPS: FORM CHAIRS STARTING TO SHOW SIGNS OF RUST ON BOTTOM FACE OF BENT CAPS THROUGHOUT.

Structure Inventory and Appraisal

STR. NUM.: OCO0000 020000023500

Date: _____

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Printed: 5/16/2023

FORM: BI-6
BIN: 021446

1 REC

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	021446	
8) NBI STRUCTURE NO	021446	
NAME	Bridge Dr N over Coney Brai	

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	_____
1B) FHWA REGION	Region 4-Atlanta	_____
2) AREA	Mobile	_____
3) COUNTY	Baldwin	_____
4) CITY/TOWN/PLACECODE	Unknown	_____
6A) FEATURE INTERSECTED	Coney Branch	_____
7) FACILITY CARRIED	Bridge Drive N.	_____
9) LOCATION	0.11M W of Bosbyshell Ave	_____
16) LATITUDE	30D 35M 18.960S	_____ D ____ M ____ S
17) LONGITUDE	87D 50M 30.940S	_____ D ____ M ____ S
98AA) BORDER STATE	Not Applicable (P)	_____
98B) SHARE(%)		_____ %
98AB) BORDER FHWA REGION	Not Applicable	_____
99) BORDER STRUCT NO	N/A	_____

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	1999	_____
106) YEAR RECONSTRUCT	0	_____
42A) TYPE OF SERVICE ON	1 Highway	_____
42B) UNDER	9 Relief for waterway	_____
28B) LANES UNDER	0	_____

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	_____
22) OWNER	County Hwy Agency	_____
ALDOT DISTRICT	District 2	_____

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	_____
101) PARALLEL STRUCTURE	No bridge exists	_____
103) TEMPORARY STRUCTURE	Not Applicable (P)	_____
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	_____

Structure Inventory and Appraisal
 STR. NUM.: OCO0000 020000023500

Date: _____
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1 REC

INSPECTION	
	CURRENT
90) INSPECTION DATE	7/18/2022
91) FREQUENCY	24 mo
93A) FC INSPECTION DATE	N/A
92A) FC FREQUENCY	
93B) UW INSPECTION DATE	N/A
92B) UW FREQUENCY	
93C) SPECIAL INSPECTION DATE	N/A
92C) SPECIAL FREQUENCY	

CONDITION	
	CURRENT
58) DECK	N N/A (NBI)
59) SUPER	N N/A (NBI)
60) SUB	N N/A (NBI)
61) CHANNEL/CHANNEL PROTECTION	8 Protected
62) CULVERT	7 Minor Deterioration

BRIDGE REPLACEMENT	
	CURRENT
PROGRAM YEAR	
PRIORITY	
LOAD DEFICIENCY POINTS	0.0000
WIDTH DEFICIENCY POINTS	0.0000
VERT. CIR. DEFICIENCY POINTS	0.0000
CONDITION DEFICIENCY POINTS	0.0000
TOTAL DEFICIENCY POINTS	0.0000
LOCAL RANK	0 of 838
STATEWIDE RANK	0 of 11,124

 INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. or ALA. PROF. ENGR. NO

 REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 021446

STR. NUM.: OCO0000 020000023500

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION

AREA: Mobile

DISTRICT: 02

COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 25.00
ELEV BASIS: A
ELEV EQ: 0.00 = 0.00
SND/ELEV IND: E

SDNG DATE: 07 2022 VIEW: L OFST RMRK: FROM CENTERLINE
LOCATION OF BM: TOP OF HW NW CORNER
STATION EQ: 0 + 0.0000 = 0 + 0.0000

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	94.2100	ABUT 1 / END OF WING	_____	_____
0 + 5.0000	94.2000	MIDSPAN	_____	_____
0 + 11.0000	94.1400	BENT 2	_____	_____
0 + 16.0000	94.0900	MIDSPAN	_____	_____
0 + 22.0000	94.5200	ABUT 3	_____	_____

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 021446

STR. NUM.: OCO0000 020000023500

Sheet: 2 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION

AREA: Mobile

DISTRICT: 02

COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 25.00
ELEV BASIS: A
ELEV EQ: 0.00 = 0.00
SND/ELEV IND: E

SNDING DATE: 07 2022 VIEW: R OFST RMRK: FROM CENTERLINE
LOCATION OF BM: TOP OF HW NW CORNER
STATION EQ: 0 + 0.0000 = 0 + 0.0000

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	93.8700	ABUT 1 / END OF WING	_____	_____
0 + 5.0000	94.2800	MIDSPAN	_____	_____
0 + 11.0000	94.4400	BENT 2	_____	_____
0 + 16.0000	94.2000	MIDSPAN	_____	_____
0 + 22.0000	93.6400	ABUT 3	_____	_____

Inspection Report

FORM: BI-5
BIN: 021446

1 REC

STR. NUM.: OCO0000 020000023500
Area: Mobile

Sheet: 1 of 2
Printed: 5/16/2023

INSPECTION	
PREVIOUS INSP.: Dustin Thweatt	NEW DATE: _____
PREVIOUS DATE: 07/18/2022	NEW INSP. TYPE: _____
PREVIOUS INSP. TYPE: Regular NBI	_____

RATING		
	CURRENT	NEW
58) DECK RATING	N	_____
59) SUPERSTRUCTURE RATING	N	_____
60) SUBSTRUCTURE RATING	N	_____
61) CHANNEL & CHANNEL PROTECTION	8	_____
62) CULVERT RATING	7	_____

REMARKS
-

MISCELLANEOUS		
	CURRENT	NEW
71) WATERWAY ADEQUACY	8	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	8	_____
36) TRAFFIC SAFETY FEATURES		
A) BRIDGE RAIL	1	_____
B) TRANSITION	1	_____
C) APPROACH RAIL	1	_____
D) END TREATMENT	1	_____
LOAD POSTING SIGNS:		
A) REQUIRED		_____
B) PRESENT		_____
C) VISIBLE		_____
D) LEGIBLE		_____

Inspection Report

FORM: BI-5
BIN: 021446

STR. NUM.: OCO0000 020000023500
1 REC Area: Mobile

Sheet: 2 of 2
Printed: 5/16/2023

PREVIOUS DATE: 07/18/2022

NEW DATE: _____

STRUCTURE UNIT: Struc

	ELEM #	ELEMENT NAME	ENV	QUANTITY	UNITS	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
CURRENT:	241	Re Conc Culvert	2	100	ft	0.00	100.00	0.00	0.00
NEW:									
NOTES:	_____								

CURRENT:	1190	Abrasion(PSC/RC)	2	100	each	0.00	100.00	0.00	0.00
NEW:									
NOTES:	_____								

REASON FOR INSP. _____

INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT NO. ALA. PROF. ENGR. NO.

REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Structure Inventory and Appraisal
 STR. NUM.: OCO0000 020000023500

Date: _____
 Sheet: 2 of 9
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FORM: BI-6
 BIN: 021446

1 REC

Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	N N/A (NBI)	_____
108A) DECK SURFACE TYPE	N N/A (no deck (NBI))	_____
108B) DECK MEMBRANE TYPE	N N/A (no deck (NBI))	_____
108C) DECK PROTECTION	N N/A (no deck (NBI))	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ ft
52) DECK WIDTH	0.00 ft	_____ ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	1,100.00	_____ (SF)

STRUCTURE STATUS		
	CURRENT	NEW
BRIDGE STATUS	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	2	_____
43A) MAIN SPANS MATERIAL	1 Concrete	_____
43B) MAIN SPANS DESIGN	19 Culvert	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	10.00 ft	_____ ft
49) STRUCTURE LENGTH	22.00 ft	_____ ft
TOTAL LENGTH	22.00 ft	_____ ft

Structure Inventory and Appraisal
STR. NUM.: OCO0000 020000023500

Date: _____
Sheet: 3 of 9
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FORM: BI-6
BIN: 021446

1 REC

Inventory - Roads Subtask

IDENTIFICATION		
	CURRENT	NEW
ROAD/ROUTE NAME	Bridge Dr N	_____
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	3 Bypass	_____
5D) RTE#	00000	_____
5E) SUFFIX	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION		
	CURRENT	NEW
11) KILOMETER/MILE POINT	0.000 mi	_____mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00000	_____
13B) SUB#		_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	09 Rural Local	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC		
	CURRENT	NEW
28A) LANES	2	_____
SPEED	25 mph	_____mph
29) RECENT ADT	51	_____
30) YEAR	2022	_____
109) TRUCK %		_____%
114) FUTURE ADT	68	_____
115) FUT. YEAR	2042	_____

ALTERNATE CLASSIFICATIONS		
	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	No	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	No	[]
NBI RTE.	Yes	[]

Structure Inventory and Appraisal
STR. NUM.: OCO0000 020000023500

Date: _____
Sheet: 4 of 9
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FORM: BI-6
BIN: 021446

1 REC

Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.99 ft	_____ ft
47) HORIZONTAL	0.00 ft	_____ ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	24.83 ft	_____ ft
51) ROADWAY	0.00 ft	_____ ft

DETOURS		
	CURRENT	NEW
19) LENGTH	99.99 mi	_____ mi

Structure Inventory and Appraisal
STR. NUM.: OCO0000 020000023500

Date: _____
Sheet: 5 of 9
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FORM: BI-6
BIN: 021446

1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION		
	CURRENT	NEW
201) LOCAL IDENTIFIER	0235	_____
215) PREVIOUS STRUCTURE BIN(s)	0	_____
298) REPLACEMENT BIN	0	_____
214) ADJACENT MAINLINE BIN	0	_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT		_____
207) SENATE DISTRICT		_____
208) HOUSE DISTRICT		_____
297) LOCAL COMMISSION DISTRICT	0000	_____
294) BRIDGE NAME / DESIGNATOR		_____
210) CPMS REFERENCE NUMBER		_____
292) PROJECT NUMBER		_____
ALABAMA ID	OCO0000 020000023500	_____
ALDOT REGION	Southwest Region	_____

INSPECTION		
	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	0	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.	0	_____
219A) SNOOPER INSP. REQUIRED	Snooper Insp. Not Req'd	_____
219B) SNOOPER INSP. FREQUENCY	0	_____
220) LAST SNOOPER INSPECTION DATE	01/01/1900	____/____/____
224A) SCOUR INSPECTION REQUIRED	Scour Monit. Req'd	_____
224B) SCOUR INSPECTION FREQUENCY	24 mo	_____mo
224C) SPECIAL INSPECTION DETAIL INDICATOR	No Special Details	_____
225A) SCOUR COUNTERMEASURES REQUIRED	Scour Counterterm Not Req'd	_____
225B) SCOUR COUNTERMEASURES PLANNED	01/01/1900	____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED	01/01/1900	____/____/____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION	Culv not Asses-Low Risk	_____
FOUNDATION TYPE	Spread	_____
FOUNDATION ELEVATION	Unknown	_____
STREAMBED MATERIAL	Sand/Clay	_____

Structure Inventory and Appraisal
 STR. NUM.: OCO0000 020000023500

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FORM: BI-6
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1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	67.70	_____ ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	40.50	_____ ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	BRASS Culvert	_____
	Not Rated / Analyzed	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	08/21/2018	xxxxxxxx
253) RATING STATUS	Rating Published	_____
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	37.6	_____ ton
254B) LOAD TYPE TWO-AXLE	52.0	_____ ton
254C) LOAD TYPE TRI-AXLE DUMP	49.9	_____ ton
254D) LOAD TYPE CONCRETE TRUCK	46.5	_____ ton
254E) LOAD TYPE 18 WHEELER	80.6	_____ ton
254F) LOAD TYPE SIX-AXLE	75.6	_____ ton
254G) LOAD TYPE SCHOOL BUS	44.3	_____ ton
254H) LOAD TYPE EV2	30.9	_____ ton
254I) LOAD TYPE EV3	29.3	_____ ton
257) REASON POSTED	Culvert	_____
	None / Condition Noted	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE	01/01/1900	____/____/____
259) POSTING CHART INDICATOR	Include on Posting Chart	_____
261) DATE OF TEMPORARY STRENGTHENING	01/01/1900	____/____/____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN	Precast 10x4	_____
266) STANDARD DRAWING APPROACH SPAN	 	_____
31) LIVE LOAD	5 MS 18 (HS 20)	_____

Structure Inventory and Appraisal
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Date: _____
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FORM: BI-6
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1 REC

Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Prec. Conc. Box Culvert	_____
233A) NUMBER OF BARRELS OR PIPES	2	_____
233B) BARREL LENGTH	50.00 ft	_____ ft
233C) BARREL SPAN	10.00 ft	_____ ft
233D) BARREL HEIGHT	4.00 ft	_____ ft
233E) DEPTH OF FILL	1.00 ft	_____ ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Not - Horz or Vert Curve	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Not Applicable	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Not Applicable	_____
244C) BEGIN ABUTMENT CAP TYPE	Not Applicable	_____
244D) BEGIN ABUTMENT FOUNDATION	Not Applicable	_____
245A) ENDING ABUTMENT TYPE	Not Applicable	_____
245B) ENDING ABUTMENT CAP MATERIAL	Not Applicable	_____
245C) ENDING ABUTMENT CAP TYPE	Not Applicable	_____
245D) ENDING ABUTMENT FOUNDATION	Not Applicable	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED	01/01/1900	____/____/____
271A) PRIMER PAINT TYPE		_____
271B) INTERMEDIATE PAINT TYPE		_____
271C) FINISH PAINT TYPE		_____
271D) UNDERCOAT PAINT TYPE		_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST		_____

Structure Inventory and Appraisal
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Date: _____
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1 REC

Appraisal Task

1

STRUCTURAL APPRAISAL

	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	xxxxxx
72) APPROACH ALIGNMENT	8 Equal Desirable Crit	_____
36A) BRIDGE RAILINGS	1 Meets Standards	_____
36B) TRANSITIONS	1 Meets Standards	_____
36C) APPROACH GUARDRAIL	1 Meets Standards	_____
36D) APPROACH GUARDRAIL ENDS	1 Meets Standards	_____
111) PIER PROTECTION	Not Applicable (P)	_____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS

	CURRENT	NEW
67) STRUCTURAL EVALUATION	7 Above Min Criteria	xxxxx
68) DECK GEOMETRY	N Not applicable (NBI)	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	94.60	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	100.00	xxxxx%

CLEARANCES

	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	99.99 ft	_____ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	0.00 ft	_____ft
56) LEFT SIDE	0.00 ft	_____ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ft

NBI LOAD RATINGS

	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	_____
RATING DATE	08/21/2018	xxxxx
31) DESIGN LOAD	5 MS 18 (HS 20)	xxxxxxx
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	67.70	_____ton
65) INVENTORY TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	40.50	_____ton

Bridge Maintenance Needed

FORM: BI-9

STR. NUM.: OCO0000 020000023500

Sheet: 1 of 1

BIN: 021446

1 REC

Printed: 5/16/2023

INSPECTED BY: _____ DATE: _____

REVIEWED BY: _____ DATE: _____

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
NEW ACTIVITY:	B: _____	ACTIVITY DESCRIPTION:	_____	_____	_____
UNIT: _____	QTY: _____	PRIORITY: _____	_____	_____	_____
NEW REMARK:	_____	_____	_____	_____	_____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____
NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____
NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____
NEW REMARK: _____

Structure Inventory and Appraisal

Date: _____

STR. NUM.: OCO0000 020000016100

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FORM: BI-6
BIN: 019841

1 REC

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	019841	
8) NBI STRUCTURE NO	019841	
NAME		

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	
1B) FHWA REGION	Region 4-Atlanta	
2) AREA	Mobile	
3) COUNTY	Baldwin	
4) CITY/TOWN/PLACECODE	Unknown	
6A) FEATURE INTERSECTED	BR. OFF POINT CLEAR CR	
7) FACILITY CARRIED	WILLOWBRIDGE DR.	
9) LOCATION	0.5 MI. W. OF CO. RD. 3	
16) LATITUDE	30D 28M 58.380S	D M S
17) LONGITUDE	87D 54M 28.980S	D M S
98AA) BORDER STATE	Not Applicable (P)	
98B) SHARE(%)	0	%
98AB) BORDER FHWA REGION	Not Applicable	
99) BORDER STRUCT NO	-	

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	2000	
106) YEAR RECONSTRUCT	0	
42A) TYPE OF SERVICE ON	1 Highway	
42B) UNDER	5 Waterway	
28B) LANES UNDER	0	

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	
22) OWNER	County Hwy Agency	
ALDOT DISTRICT	District 2	

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	
101) PARALLEL STRUCTURE	No bridge exists	
103) TEMPORARY STRUCTURE	Not Applicable (P)	
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	

Structure Inventory and Appraisal
STR. NUM.: OCO0000 020000016100

Date: _____
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FORM: BI-6
BIN: 019841

1 REC

INSPECTION	
	CURRENT
90) INSPECTION DATE	10/10/2022
91) FREQUENCY	24 mo
93A) FC INSPECTION DATE	N/A
92A) FC FREQUENCY	
93B) UW INSPECTION DATE	N/A
92B) UW FREQUENCY	
93C) SPECIAL INSPECTION DATE	N/A
92C) SPECIAL FREQUENCY	

CONDITION	
	CURRENT
58) DECK	N N/A (NBI)
59) SUPER	N N/A (NBI)
60) SUB	N N/A (NBI)
61) CHANNEL/CHANNEL PROTECTION	8 Protected
62) CULVERT	6 Deterioration

BRIDGE REPLACEMENT	
	CURRENT
PROGRAM YEAR	0
PRIORITY	X
LOAD DEFICIENCY POINTS	0.0000
WIDTH DEFICIENCY POINTS	0.0000
VERT. CIR. DEFICIENCY POINTS	0.0000
CONDITION DEFICIENCY POINTS	0.0000
TOTAL DEFICIENCY POINTS	0.0000
LOCAL RANK	0 of 838
STATEWIDE RANK	0 of 11,124

INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. or ALA. PROF. ENGR. NO

REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 019841

STR. NUM.: OCO0000 020000016100

Sheet: 1 of 2
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1 REC

IDENTIFICATION		
AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY		
OFFSET: 31.00	SDNG DATE: 10 2022	VIEW: L
ELEV BASIS: A	LOCATION OF BM: TOP OF HDWL=100.00	OFST RMRK: FROM CENTERLINE
ELEV EQ: 0.00 = 0.00	STATION EQ: 0 + 0.0000 = 0 + 0.0000	
SND/ELEV IND: S		

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	6.8000	ABUT. 1 EDGE OF WATER	_____	_____
0 + 5.0000	7.9000	MIDSPAN	_____	_____
0 + 10.0000	7.0000	BENT 2	_____	_____
0 + 15.0000	6.9000	MIDSPAN TOP OF WATER=6.4	_____	_____
0 + 20.0000	7.0000	BENT 3	_____	_____
0 + 25.0000	6.9000	MIDSPAN	_____	_____
0 + 30.9000	6.1000	ABUT. 4 EDGE OF WATER	_____	_____

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
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STR. NUM.: OCO0000 020000016100

Sheet: 2 of 2
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1 REC

IDENTIFICATION

AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin
--------------	--------------	-----------------

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 31.00	SNDING DATE: 10 2022	VIEW: R	OFST RMRK: FROM CENTERLINE
ELEV BASIS: A	LOCATION OF BM: TOP OF HDWL=100.0		
ELEV EQ: 0.00 = 0.00	STATION EQ: 0 + 0.0000 = 0 + 0.0000		
SND/ELEV IND: S			

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	6.9000	ABUT. 1 EDGE OF WATER	_____	_____
0 + 5.0000	7.0000	MIDSPAN	_____	_____
0 + 10.0000	6.9000	BENT 2	_____	_____
0 + 15.0000	6.9000	MIDSPAN TOP OF WATER=6.4	_____	_____
0 + 20.0000	6.5000	BENT 3	_____	_____
0 + 25.0000	6.8000	MIDSPAN	_____	_____
0 + 30.9000	6.9000	ABUT. 4 EDGE OF WATER	_____	_____

Inspection Report

FORM: BI-5
BIN: 019841

STR. NUM.: OCO0000 020000016100
Area: Mobile

Sheet: 1 of 2
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1 REC

INSPECTION	
PREVIOUS INSP.: Dustin Thweatt	NEW DATE: _____
PREVIOUS DATE: 10/10/2022	NEW INSP. TYPE: _____
PREVIOUS INSP. TYPE: Regular NBI	_____

RATING		
	CURRENT	NEW
58) DECK RATING	N	_____
59) SUPERSTRUCTURE RATING	N	_____
60) SUBSTRUCTURE RATING	N	_____
61) CHANNEL & CHANNEL PROTECTION	8	_____
62) CULVERT RATING	6	_____

REMARKS
Culvert is a 6 due to abrasion, cracking and efflorescence. Structure appears to have no weep holes and is leaking water in roof of culvert in all 3 barrels.

MISCELLANEOUS		
	CURRENT	NEW
71) WATERWAY ADEQUACY	7	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	8	_____
36) TRAFFIC SAFETY FEATURES		
A) BRIDGE RAIL	0	_____
B) TRANSITION	0	_____
C) APPROACH RAIL	0	_____
D) END TREATMENT	0	_____
LOAD POSTING SIGNS:		
A) REQUIRED		_____
B) PRESENT		_____
C) VISIBLE		_____
D) LEGIBLE		_____

Inspection Report

FORM: BI-5
BIN: 019841

STR. NUM.: OCO0000 020000016100
1 REC Area: Mobile

Sheet: 2 of 2
Printed: 5/16/2023

PREVIOUS DATE: 10/10/2022
NEW DATE: _____

STRUCTURE UNIT: 1

	ELEM #	ELEMENT NAME	ENV	QUANTITY	UNITS	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
CURRENT:	241	Re Conc Culvert	2	189	ft	0.00	187.00	2.00	0.00
NEW:									
NOTES:	-								
<hr/>									
CURRENT:	1120	Efflorescence/Rust Staining	2	10	each	0.00	10.00	0.00	0.00
NEW:									
NOTES:									
<hr/>									
CURRENT:	1130	Cracking (RC and Other)	2	11	each	0.00	11.00	0.00	0.00
NEW:									
NOTES:									
<hr/>									
CURRENT:	1190	Abrasion(PSC/RC)	2	168	each	0.00	166.00	2.00	0.00
NEW:									
NOTES:	-								

REASON FOR INSP. _____

INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT NO. ALA. PROF. ENGR. NO.

REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Structure Inventory and Appraisal
STR. NUM.: OCO0000 020000016100

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FORM: BI-6
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1 REC

Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	1 Concrete-Cast-in-Place	_____
108A) DECK SURFACE TYPE	N N/A (no deck (NBI))	_____
108B) DECK MEMBRANE TYPE	N N/A (no deck (NBI))	_____
108C) DECK PROTECTION	N N/A (no deck (NBI))	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ft
52) DECK WIDTH	62.80 ft	_____ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	1,940.51	_____ (SF)

STRUCTURE STATUS		
	CURRENT	NEW
BRIDGE STATUS	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	3	_____
43A) MAIN SPANS MATERIAL	1 Concrete	_____
43B) MAIN SPANS DESIGN	19 Culvert	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	10.00 ft	_____ft
49) STRUCTURE LENGTH	30.90 ft	_____ft
TOTAL LENGTH	30.90 ft	_____ft

Structure Inventory and Appraisal
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1 REC

Inventory - Roads Subtask

IDENTIFICATION		
	CURRENT	NEW
ROAD/ROUTE NAME	WILLOWBRIDGE DR.	_____
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	0 None of the below	_____
5D) RTE#	00000	_____
5E) SUFFIX	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION		
	CURRENT	NEW
11) KILOMETER/MILE POINT	0.006 mi	_____ mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00000	_____
13B) SUB#	00	_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	08 Rural min Collector	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC		
	CURRENT	NEW
28A) LANES	2	_____
SPEED	25 mph	_____ mph
29) RECENT ADT	60	_____
30) YEAR	2022	_____
109) TRUCK %	0%	_____ %
114) FUTURE ADT	85	_____
115) FUT. YEAR	2042	_____

ALTERNATE CLASSIFICATIONS		
	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	No	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	No	[]
NBI RTE.	Yes	[]

Structure Inventory and Appraisal
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FORM: BI-6
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1 REC

Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.99 ft	_____ ft
47) HORIZONTAL	62.80 ft	_____ ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	22.00 ft	_____ ft
51) ROADWAY	62.80 ft	_____ ft

DETOURS		
	CURRENT	NEW
19) LENGTH	98.00 mi	_____ mi

Structure Inventory and Appraisal

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1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION

	CURRENT	NEW
201) LOCAL IDENTIFIER	0161	_____
215) PREVIOUS STRUCTURE BIN(s)	0	_____
298) REPLACEMENT BIN	0	_____
214) ADJACENT MAINLINE BIN	0	_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT	01	_____
207) SENATE DISTRICT	32	_____
208) HOUSE DISTRICT	094	_____
297) LOCAL COMMISSION DISTRICT	02??	_____
294) BRIDGE NAME / DESIGNATOR		_____
210) CPMS REFERENCE NUMBER	NNNNNNNNNN	_____
292) PROJECT NUMBER	NNNNNNNNNNNNNNNNNNNN	_____
ALABAMA ID	OCO0000 020000016100	_____
ALDOT REGION	Southwest Region	_____

INSPECTION

	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	0	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.	0	_____
219A) SNOOPER INSP. REQUIRED	Snooper Insp. Not Req'd	_____
219B) SNOOPER INSP. FREQUENCY	0	_____
220) LAST SNOOPER INSPECTION DATE	01/01/1900	____/____/____
224A) SCOUR INSPECTION REQUIRED	Scour Monit. Req'd	_____
224B) SCOUR INSPECTION FREQUENCY	24 mo	_____mo
224C) SPECIAL INSPECTION DETAIL INDICATOR		_____
225A) SCOUR COUNTERMEASURES REQUIRED		_____
225B) SCOUR COUNTERMEASURES PLANNED	01/01/1900	____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED	01/01/1900	____/____/____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION	Culv not Asses-Low Risk	_____
FOUNDATION TYPE	Spread	_____
FOUNDATION ELEVATION	Known	_____
STREAMBED MATERIAL	Sand/Clay	_____

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1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	96.00	_____ ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	57.60	_____ ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	BRASS Culvert	_____
	Not Rated / Analyzed	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	10/01/2008	xxxxxxxx
253) RATING STATUS	Rating Published	_____
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	46.8	_____ ton
254B) LOAD TYPE TWO-AXLE	69.7	_____ ton
254C) LOAD TYPE TRI-AXLE DUMP	83.4	_____ ton
254D) LOAD TYPE CONCRETE TRUCK	68.8	_____ ton
254E) LOAD TYPE 18 WHEELER	98.0	_____ ton
254F) LOAD TYPE SIX-AXLE	98.0	_____ ton
254G) LOAD TYPE SCHOOL BUS	45.9	_____ ton
254H) LOAD TYPE EV2	0.0	_____ ton
254I) LOAD TYPE EV3	0.0	_____ ton
257) REASON POSTED	Culvert	_____
	Not Rated	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE	01/01/1900	____/____/____
259) POSTING CHART INDICATOR	Culvert	_____
261) DATE OF TEMPORARY STRENGTHENING	01/01/1900	____/____/____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN	CT-105	_____
266) STANDARD DRAWING APPROACH SPAN	NNNNNNNNNNNNNNNNNN	_____
31) LIVE LOAD	0 Unknown	_____

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Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Reinf. Conc. Box Culvert	_____
233A) NUMBER OF BARRELS OR PIPES	3	_____
233B) BARREL LENGTH	62.80 ft	_____ ft
233C) BARREL SPAN	10.00 ft	_____ ft
233D) BARREL HEIGHT	5.00 ft	_____ ft
233E) DEPTH OF FILL	2.90 ft	_____ ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Not - Horz or Vert Curve	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Not Applicable	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Not Applicable	_____
244C) BEGIN ABUTMENT CAP TYPE	Not Applicable	_____
244D) BEGIN ABUTMENT FOUNDATION	Not Applicable	_____
245A) ENDING ABUTMENT TYPE	Not Applicable	_____
245B) ENDING ABUTMENT CAP MATERIAL	Not Applicable	_____
245C) ENDING ABUTMENT CAP TYPE	Not Applicable	_____
245D) ENDING ABUTMENT FOUNDATION	Not Applicable	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED	01/01/1900	____/____/____
271A) PRIMER PAINT TYPE	Not Applicable	_____
271B) INTERMEDIATE PAINT TYPE	Not Applicable	_____
271C) FINISH PAINT TYPE	Not Applicable	_____
271D) UNDERCOAT PAINT TYPE	Not Applicable	_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST	0.00	_____

Structure Inventory and Appraisal
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1 REC

Appraisal Task

STRUCTURAL APPRAISAL		
	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	xxxxxx
72) APPROACH ALIGNMENT	8 Equal Desirable Crit	_____
36A) BRIDGE RAILINGS	0 Substandard	_____
36B) TRANSITIONS	0 Substandard	_____
36C) APPROACH GUARDRAIL	0 Substandard	_____
36D) APPROACH GUARDRAIL ENDS	0 Substandard	_____
111) PIER PROTECTION	Not Applicable (P)	_____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS		
	CURRENT	NEW
67) STRUCTURAL EVALUATION	6 Equal Min Criteria	xxxxx
68) DECK GEOMETRY	9 Above Desirable Crit	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	91.70	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	67.00	xxxxx%

CLEARANCES		
	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	99.99 ft	_____ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	0.00 ft	_____ft
56) LEFT SIDE	0.00 ft	_____ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ft

NBI LOAD RATINGS		
	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	_____
RATING DATE	10/01/2008	xxxxx
31) DESIGN LOAD	0 Unknown	xxxxxxx
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	96.00	_____ton
65) INVENTORY TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	57.60	_____ton

Bridge Maintenance Needed

FORM: BI-9

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1 REC

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INSPECTED BY: _____ DATE: _____

REVIEWED BY: _____ DATE: _____

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
NEW ACTIVITY:	B: _____	_____	_____	_____	_____
UNIT: _____	_____	_____	_____	_____	_____
NEW REMARK:	_____				

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
 UNIT: _____ QTY: _____ PRIORITY: _____
 NEW REMARK: _____

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FORM: BI-6
 BIN: 018296

1 REC

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	018296	
8) NBI STRUCTURE NO	018296	
NAME	?????????????????????????????	

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	
1B) FHWA REGION	Region 4-Atlanta	
2) AREA	Mobile	
3) COUNTY	Baldwin	
4) CITY/TOWN/PLACECODE	Unknown	
6A) FEATURE INTERSECTED	BAILEY CREEK	
7) FACILITY CARRIED	CO.RD.3	
9) LOCATION	0.1 MI.S OF CO.RD.32	
16) LATITUDE	30D 28M 14.790S	D M S
17) LONGITUDE	87D 54M 10.950S	D M S
98AA) BORDER STATE	Not Applicable (P)	
98B) SHARE(%)	0	%
98AB) BORDER FHWA REGION	Not Applicable	
99) BORDER STRUCT NO	-	

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	2003	
106) YEAR RECONSTRUCT	0	
42A) TYPE OF SERVICE ON	1 Highway	
42B) UNDER	5 Waterway	
28B) LANES UNDER	0	

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	
22) OWNER	County Hwy Agency	
ALDOT DISTRICT	District 2	

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	
101) PARALLEL STRUCTURE	No bridge exists	
103) TEMPORARY STRUCTURE	Not Applicable (P)	
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	

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FORM: BI-6
 BIN: 018296

1 REC

INSPECTION	
	CURRENT
90) INSPECTION DATE	10/19/2021
91) FREQUENCY	24 mo
93A) FC INSPECTION DATE	N/A
92A) FC FREQUENCY	
93B) UW INSPECTION DATE	N/A
92B) UW FREQUENCY	
93C) SPECIAL INSPECTION DATE	N/A
92C) SPECIAL FREQUENCY	

CONDITION	
	CURRENT
58) DECK	8 Very Good
59) SUPER	7 Good
60) SUB	7 Good
61) CHANNEL/CHANNEL PROTECTION	8 Protected
62) CULVERT	N N/A (NBI)

BRIDGE REPLACEMENT	
	CURRENT
PROGRAM YEAR	0
PRIORITY	X
LOAD DEFICIENCY POINTS	0.0000
WIDTH DEFICIENCY POINTS	6.6000
VERT. CIR. DEFICIENCY POINTS	0.0000
CONDITION DEFICIENCY POINTS	0.0000
TOTAL DEFICIENCY POINTS	6.6000
LOCAL RANK	68 of 838
STATEWIDE RANK	5,189 of 11,124

 INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. or ALA. PROF. ENGR. NO

 REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 018296

STR. NUM.: OCO0003 020000011100

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION		
AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY		
OFFSET: 17.00	SNDING DATE: 10 2021	VIEW: L
ELEV BASIS: P	LOCATION OF BM: TOP OF RAIL=97.2	OFST RMRK: FROM CENTERLINE
ELEV EQ: 0.00 = 0.00	STATION EQ: 0 + 0.0000 = 0 + 0.0000	
SND/ELEV IND: S		

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
4 + 83.0000	8.3000	ABUT. 1		
4 + 95.0000	8.8000	TOE OF SLOPE		
5 + 0.0000	8.9000	MIDSPAN		
5 + 10.0000	9.3000	CENTERLINE OF DITCH		
5 + 17.0000	9.6000	BENT 2		
5 + 34.0000	8.2000	MIDSPAN		
5 + 39.0000	8.5000	TOE OF SLOPE		
5 + 51.0000	8.8000	ABUT. 3		

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 018296

1 REC

STR. NUM.: OCO0003 020000011100

Sheet: 2 of 2
Printed: 5/16/2023

IDENTIFICATION

AREA: Mobile

DISTRICT: 02

COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 17.00
ELEV BASIS: P
ELEV EQ: 0.00 = 0.00
SND/ELEV IND: S

SNDRING DATE: 10 2021 VIEW: R OFST RMRK: FROM CENTERLINE
LOCATION OF BM: TOP OF RAIL=97.2
STATION EQ: 0 + 0.0000 = 0 + 0.0000

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
4 + 83.0000	8.3000	ABUT. 1		
4 + 93.0000	8.3000	TOE OF SLOPE		
5 + 0.0000	9.5000	MIDSPAN		
5 + 13.0000	9.7000	CENTERLINE OF DITCH		
5 + 17.0000	9.3000	BENT 2		
5 + 34.0000	8.4000	MIDSPAN		
5 + 39.0000	8.6000	TOE OF SLOPE		
5 + 51.0000	7.2000	ABUT. 3		

Inspection Report

FORM: BI-5
BIN: 018296

STR. NUM.: OCO0003 020000011100
Area: Mobile

Sheet: 1 of 3
Printed: 5/16/2023

1 REC

INSPECTION	
PREVIOUS INSP.: Jeremy Howell	
PREVIOUS DATE: 10/19/2021	NEW DATE: _____
PREVIOUS INSP. TYPE: Regular NBI	NEW INSP. TYPE: _____

RATING		
	CURRENT	NEW
58) DECK RATING	8	_____
59) SUPERSTRUCTURE RATING	7	_____
60) SUBSTRUCTURE RATING	7	_____
61) CHANNEL & CHANNEL PROTECTION	8	_____
62) CULVERT RATING	N	_____

REMARKS
Deck 8 Super 7 Sub 7

MISCELLANEOUS		
	CURRENT	NEW
71) WATERWAY ADEQUACY	7	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	8	_____
36) TRAFFIC SAFETY FEATURES		
A) BRIDGE RAIL	1	_____
B) TRANSITION	1	_____
C) APPROACH RAIL	1	_____
D) END TREATMENT	1	_____
LOAD POSTING SIGNS:		
A) REQUIRED		_____
B) PRESENT		_____
C) VISIBLE		_____
D) LEGIBLE		_____

Inspection Report

FORM: BI-5
BIN: 018296

STR. NUM.: OCO0003 020000011100
1 REC Area: Mobile

Sheet: 3 of 3
Printed: 5/16/2023

PREVIOUS DATE: 10/19/2021

NEW DATE: _____

CURRENT: 331 Re Conc Bridge Railing 2 136 ft 136.00 0.00 0.00 0.00

NEW:

NOTES: -

REASON FOR INSP. _____

INSPECTOR'S SIGNATURE

DATE

INSP. NBIS CERT NO.

ALA. PROF. ENGR. NO.

REVIEWER'S SIGNATURE

DATE

REVIEWER'S TITLE

Structure Inventory and Appraisal

STR. NUM.: OCO0003 020000011100

Date: _____

Sheet: 2 of 9

Printed: 5/16/2023

FORM: BI-6

BIN: 018296

1 REC

Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	2 Concrete Precast Panel	_____
108A) DECK SURFACE TYPE	0 None	_____
108B) DECK MEMBRANE TYPE	0 None	_____
108C) DECK PROTECTION	None	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ ft
52) DECK WIDTH	33.30 ft	_____ ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	2,264.39	_____ (SF)

STRUCTURE STATUS		
	CURRENT	NEW
BRIDGE STATUS	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	2	_____
43A) MAIN SPANS MATERIAL	1 Concrete	_____
43B) MAIN SPANS DESIGN	22 Channel Beam	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	34.00 ft	_____ ft
49) STRUCTURE LENGTH	68.00 ft	_____ ft
TOTAL LENGTH	68.00 ft	_____ ft

Structure Inventory and Appraisal
STR. NUM.: OCO0003 020000011100

Date: _____
Sheet: 3 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 018296

1 REC

Inventory - Roads Subtask

IDENTIFICATION		
	CURRENT	NEW
ROAD/ROUTE NAME	CO.RD.3	_____
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	1 Mainline	_____
5D) RTE#	00003	_____
5E) SUFFIX	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION		
	CURRENT	NEW
11) KILOMETER/MILE POINT	0.000 mi	_____mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00030	_____
13B) SUB#	00	_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	09 Rural Local	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC		
	CURRENT	NEW
28A) LANES	2	_____
SPEED	35 mph	_____mph
29) RECENT ADT	544	_____
30) YEAR	2019	_____
109) TRUCK %	2%	_____%
114) FUTURE ADT	735	_____
115) FUT. YEAR	2039	_____

ALTERNATE CLASSIFICATIONS		
	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	No	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	No	[]
NBI RTE.	Yes	[]

Structure Inventory and Appraisal
STR. NUM.: OCO0003 020000011100

Date: _____
Sheet: 4 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 018296

1 REC

Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.99 ft	_____ft
47) HORIZONTAL	30.70 ft	_____ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	20.00 ft	_____ft
51) ROADWAY	30.70 ft	_____ft

DETOURS		
	CURRENT	NEW
19) LENGTH	3.00 mi	_____mi

Structure Inventory and Appraisal
 STR. NUM.: OCO0003 020000011100

Date: _____
 Sheet: 5 of 9
 Printed: 5/16/2023

FORM: BI-6
 BIN: 018296

1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION		
	CURRENT	NEW
201) LOCAL IDENTIFIER	0111	_____
215) PREVIOUS STRUCTURE BIN(s)	4762	_____
298) REPLACEMENT BIN	0	_____
214) ADJACENT MAINLINE BIN	0	_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT	01	_____
207) SENATE DISTRICT	32	_____
208) HOUSE DISTRICT	094	_____
297) LOCAL COMMISSION DISTRICT	0200	_____
294) BRIDGE NAME / DESIGNATOR	?	_____
210) CPMS REFERENCE NUMBER	100042631	_____
292) PROJECT NUMBER	ACGBBRZ-0200(206)	_____
ALABAMA ID	OCO0003 020000011100	_____
ALDOT REGION	Southwest Region	_____

INSPECTION		
	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	0	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.	0	_____
219A) SNOOPER INSP. REQUIRED	Snooper Insp. Not Req'd	_____
219B) SNOOPER INSP. FREQUENCY	0	_____
220) LAST SNOOPER INSPECTION DATE	01/01/1900	____/____/____
224A) SCOUR INSPECTION REQUIRED	Scour Monit. Req'd	_____
224B) SCOUR INSPECTION FREQUENCY	24 mo	_____mo
224C) SPECIAL INSPECTION DETAIL INDICATOR	No Special Details	_____
225A) SCOUR COUNTERMEASURES REQUIRED	Scour Counterterm Not Req'd	_____
225B) SCOUR COUNTERMEASURES PLANNED	01/01/1900	____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED	01/01/1900	____/____/____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION	Eval Based on Scour Cal	_____
FOUNDATION TYPE	Pile	_____
FOUNDATION ELEVATION	Known	_____
STREAMBED MATERIAL	Sand/Clay	_____

Structure Inventory and Appraisal
 STR. NUM.: OCO0003 020000011100

Date: _____
 Sheet: 6 of 9
 Printed: 5/16/2023

FORM: BI-6
 BIN: 018296

1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	77.10	_____ ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	46.30	_____ ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	AASHTO BrR (Virtis)	_____
	Not Rated / Analyzed	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	02/01/2004	_____ xxxxxxxx
253) RATING STATUS	Rating Published	_____
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	58.4	_____ ton
254B) LOAD TYPE TWO-AXLE	71.0	_____ ton
254C) LOAD TYPE TRI-AXLE DUMP	68.3	_____ ton
254D) LOAD TYPE CONCRETE TRUCK	66.2	_____ ton
254E) LOAD TYPE 18 WHEELER	98.0	_____ ton
254F) LOAD TYPE SIX-AXLE	98.0	_____ ton
254G) LOAD TYPE SCHOOL BUS	70.0	_____ ton
254H) LOAD TYPE EV2	0.0	_____ ton
254I) LOAD TYPE EV3	0.0	_____ ton
257) REASON POSTED	Superstructure	_____
	None / Condition Noted	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE	01/01/1900	_____ / ____ / ____
259) POSTING CHART INDICATOR	Include on Posting Chart	_____
261) DATE OF TEMPORARY STRENGTHENING	01/01/1900	_____ / ____ / ____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN	PC-34-2??????????	_____
266) STANDARD DRAWING APPROACH SPAN	N????????????????	_____
31) LIVE LOAD	5 MS 18 (HS 20)	_____

Structure Inventory and Appraisal
STR. NUM.: OCO0003 020000011100

Date: _____
Sheet: 7 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 018296

1 REC

Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Not Applicable	_____
233A) NUMBER OF BARRELS OR PIPES	0	_____
233B) BARREL LENGTH	0.00 ft	_____ ft
233C) BARREL SPAN	0.00 ft	_____ ft
233D) BARREL HEIGHT	0.00 ft	_____ ft
233E) DEPTH OF FILL	0.00 ft	_____ ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Not - Horz or Vert Curve	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Pile Bent	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Reinforced Concrete	_____
244C) BEGIN ABUTMENT CAP TYPE	Cast in Place	_____
244D) BEGIN ABUTMENT FOUNDATION	Prestress Concrete Piles	_____
245A) ENDING ABUTMENT TYPE	Pile Bent	_____
245B) ENDING ABUTMENT CAP MATERIAL	Reinforced Concrete	_____
245C) ENDING ABUTMENT CAP TYPE	Cast in Place	_____
245D) ENDING ABUTMENT FOUNDATION	Prestress Concrete Piles	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Prestressed Concrete	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	5 or + Column Pier Bent	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Reinforced Concrete	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Cast-in-Place	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Prestressed Conc. Piles	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED	01/01/1900	____/____/____
271A) PRIMER PAINT TYPE	Not Applicable	_____
271B) INTERMEDIATE PAINT TYPE	Not Applicable	_____
271C) FINISH PAINT TYPE	Not Applicable	_____
271D) UNDERCOAT PAINT TYPE	Not Applicable	_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST	0.00	_____

Structure Inventory and Appraisal

STR. NUM.: OCO0003 020000011100

Date: _____

Sheet: 8 of 9

Printed: 5/16/2023

FORM: BI-6

BIN: 018296

1 REC

Appraisal Task

STRUCTURAL APPRAISAL		
	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	xxxxxx
72) APPROACH ALIGNMENT	8 Equal Desirable Crit	_____
36A) BRIDGE RAILINGS	1 Meets Standards	_____
36B) TRANSITIONS	1 Meets Standards	_____
36C) APPROACH GUARDRAIL	1 Meets Standards	_____
36D) APPROACH GUARDRAIL ENDS	1 Meets Standards	_____
111) PIER PROTECTION	Not Applicable (P)	_____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS		
	CURRENT	NEW
67) STRUCTURAL EVALUATION	7 Above Min Criteria	xxxxx
68) DECK GEOMETRY	6 Equal Min Criteria	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	99.90	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	97.50	xxxxx%

CLEARANCES		
	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	99.99 ft	_____ ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	0.00 ft	_____ ft
56) LEFT SIDE	0.00 ft	_____ ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ ft

NBI LOAD RATINGS		
	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	_____
RATING DATE	02/01/2004	xxxxx
31) DESIGN LOAD	5 MS 18 (HS 20)	xxxxxxx
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	77.10	_____ ton
65) INVENTORY TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	46.30	_____ ton

Bridge Maintenance Needed

FORM: BI-9

STR. NUM.: OCO0003 020000011100

Sheet: 1 of 1

BIN: 018296

1 REC

Printed: 5/16/2023

INSPECTED BY: _____ DATE: _____

REVIEWED BY: _____ DATE: _____

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
NEW ACTIVITY:	B: _____	_____	_____	_____	_____
UNIT: _____	_____	_____	_____	_____	_____
NEW REMARK:	_____	_____	_____	_____	_____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____
NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____
NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____
UNIT: _____ QTY: _____ PRIORITY: _____
NEW REMARK: _____

Structure Inventory and Appraisal

Date: _____

STR. NUM.: OCO0064 020000004700

Sheet: 1 of 9

Printed: 5/16/2023

FORM: BI-6
BIN: 015457

1 REC

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	015457	
8) NBI STRUCTURE NO	015457	
NAME	?????????????????????????????	

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	
1B) FHWA REGION	Region 4-Atlanta	
2) AREA	Mobile	
3) COUNTY	Baldwin	
4) CITY/TOWN/PLACECODE	Unknown	
6A) FEATURE INTERSECTED	CORN BRANCH	
7) FACILITY CARRIED	CO. RD. 64	
9) LOCATION	4.2 MI. E. OF CO. RD. 27	
16) LATITUDE	30D 37M 05.900S	D M S
17) LONGITUDE	87D 47M 07.810S	D M S
98AA) BORDER STATE	Not Applicable (P)	
98B) SHARE(%)	0	%
98AB) BORDER FHWA REGION	Not Applicable	
99) BORDER STRUCT NO	-	

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	1991	
106) YEAR RECONSTRUCT	0	
42A) TYPE OF SERVICE ON	1 Highway	
42B) UNDER	5 Waterway	
28B) LANES UNDER	0	

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	
22) OWNER	County Hwy Agency	
ALDOT DISTRICT	District 2	

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	
101) PARALLEL STRUCTURE	No bridge exists	
103) TEMPORARY STRUCTURE	Not Applicable (P)	
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	

Structure Inventory and Appraisal
 STR. NUM.: OCO0064 020000004700

Date: _____
 Sheet: 9 of 9
 Printed: 5/16/2023

FORM: BI-6
 BIN: 015457

1 REC

INSPECTION	
	CURRENT
90) INSPECTION DATE	3/22/2023
91) FREQUENCY	24 mo
93A) FC INSPECTION DATE	N/A
92A) FC FREQUENCY	
93B) UW INSPECTION DATE	N/A
92B) UW FREQUENCY	
93C) SPECIAL INSPECTION DATE	N/A
92C) SPECIAL FREQUENCY	

CONDITION	
	CURRENT
58) DECK	N N/A (NBI)
59) SUPER	N N/A (NBI)
60) SUB	N N/A (NBI)
61) CHANNEL/CHANNEL PROTECTION	7 Minor Damage
62) CULVERT	7 Minor Deterioration

BRIDGE REPLACEMENT	
	CURRENT
PROGRAM YEAR	0
PRIORITY	X
LOAD DEFICIENCY POINTS	0.0000
WIDTH DEFICIENCY POINTS	0.0000
VERT. CIR. DEFICIENCY POINTS	0.0000
CONDITION DEFICIENCY POINTS	0.0000
TOTAL DEFICIENCY POINTS	0.0000
LOCAL RANK	0 of 838
STATEWIDE RANK	0 of 11,124

 INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. or ALA. PROF. ENGR. NO

 REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 015457

STR. NUM.: OCO0064 020000004700

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION

AREA: Mobile

DISTRICT: 02

COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 29.86
ELEV BASIS: A
ELEV EQ: 0.00 = 0.00
SND/ELEV IND: S

SNDRING DATE: 03 2023 VIEW: L OFST RMRK: FROM CENTERLINE
LOCATION OF BM: TOP OF HEADWALL=100.0
STATION EQ: 0 + 0.0000 = 0 + 0.0000

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	8.9000	ABUT. 1 EDGE OF WATER		
0 + 6.5600	9.2000	MIDSPAN		
0 + 13.1200	8.9000	BENT 2 TOP OF WATER =6.9		
0 + 19.6900	8.8000	MIDSPAN		
0 + 25.9200	8.9000	ABUT. 3 EDGE OF WATER		

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 015457

STR. NUM.: OCO0064 020000004700

Sheet: 2 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION

AREA: Mobile

DISTRICT: 02

COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 29.86
ELEV BASIS: A
ELEV EQ: 0.00 = 0.00
SND/ELEV IND: S

SNDING DATE: 03 2023 VIEW: R OFST RMRK: FROM CENTERLINE
LOCATION OF BM: TOP OF HEADWALL=100.0
STATION EQ: 0 + 0.0000 = 0 + 0.0000

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	8.9000	ABUT. 1 EDGE OF WATER		
0 + 6.5600	8.8000	MIDSPAN		
0 + 13.1200	8.8000	BENT 2 TOP OF WATER = 6.8		
0 + 19.6900	8.0000	MIDSPAN		
0 + 24.2800	8.8000	ABUT. 3 EDGE OF WATER		

Inspection Report

FORM: BI-5
BIN: 015457

STR. NUM.: OCO0064 020000004700
Area: Mobile

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

INSPECTION	
PREVIOUS INSP.: Dustin Thweatt	
PREVIOUS DATE: 03/22/2023	NEW DATE: _____
PREVIOUS INSP. TYPE: Regular NBI	NEW INSP. TYPE: _____

RATING		
	CURRENT	NEW
58) DECK RATING	N	_____
59) SUPERSTRUCTURE RATING	N	_____
60) SUBSTRUCTURE RATING	N	_____
61) CHANNEL & CHANNEL PROTECTION	7	_____
62) CULVERT RATING	7	_____

REMARKS
Imported with XML on 01/12/2015 00:00:00. See BI-13

MISCELLANEOUS		
	CURRENT	NEW
71) WATERWAY ADEQUACY	7	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	8	_____
36) TRAFFIC SAFETY FEATURES		
A) BRIDGE RAIL	N	_____
B) TRANSITION	N	_____
C) APPROACH RAIL	N	_____
D) END TREATMENT	N	_____
LOAD POSTING SIGNS:		
A) REQUIRED		_____
B) PRESENT		_____
C) VISIBLE		_____
D) LEGIBLE		_____

Inspection Report

FORM: BI-5
BIN: 015457

STR. NUM.: OCO0064 020000004700
1 REC Area: Mobile

Sheet: 2 of 2
Printed: 5/16/2023

PREVIOUS DATE: 03/22/2023

NEW DATE: _____

STRUCTURE UNIT: 1

	ELEM #	ELEMENT NAME	ENV	QUANTITY	UNITS	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
CURRENT:	241	Re Conc Culvert	2	120	ft	0.00	0.00	120.00	0.00
NEW:									
NOTES:	_____								
CURRENT:	1120	Efflorescence/Rust Staining	2	3	each	0.00	0.00	3.00	0.00
NEW:									
NOTES:	_____								
CURRENT:	1130	Cracking (RC and Other)	2	37	each	0.00	0.00	37.00	0.00
NEW:									
NOTES:	_____								
CURRENT:	1190	Abrasion(PSC/RC)	2	80	each	0.00	0.00	80.00	0.00
NEW:									
NOTES:	_____								

REASON FOR INSP. _____

INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT NO. ALA. PROF. ENGR. NO.

REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Structure Inventory and Appraisal
 STR. NUM.: OCO0064 020000004700

Date: _____
 Sheet: 2 of 9
 Printed: 5/16/2023

FORM: BI-6
 BIN: 015457

1 REC

Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	N N/A (NBI)	_____
108A) DECK SURFACE TYPE	N N/A (no deck (NBI))	_____
108B) DECK MEMBRANE TYPE	N N/A (no deck (NBI))	_____
108C) DECK PROTECTION	N N/A (no deck (NBI))	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ ft
52) DECK WIDTH	59.80 ft	_____ ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	1,554.00	_____ (SF)

STRUCTURE STATUS		
	CURRENT	NEW
BRIDGE STATUS	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	2	_____
43A) MAIN SPANS MATERIAL	2 Concrete Continuous	_____
43B) MAIN SPANS DESIGN	19 Culvert	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	12.00 ft	_____ ft
49) STRUCTURE LENGTH	25.90 ft	_____ ft
TOTAL LENGTH	25.90 ft	_____ ft

Structure Inventory and Appraisal
 STR. NUM.: OCO0064 020000004700

Date: _____
 Sheet: 3 of 9
 Printed: 5/16/2023

FORM: BI-6
 BIN: 015457

1 REC

Inventory - Roads Subtask

IDENTIFICATION		
	CURRENT	NEW
ROAD/ROUTE NAME	CO. RD. 64	_____
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	1 Mainline	_____
5D) RTE#	00064	_____
5E) SUFFIX	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION		
	CURRENT	NEW
11) KILOMETER/MILE POINT	0.006 mi	_____mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00640	_____
13B) SUB#	00	_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	08 Rural min Collector	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC		
	CURRENT	NEW
28A) LANES	2	_____
SPEED	45 mph	_____mph
29) RECENT ADT	1,682	_____
30) YEAR	2019	_____
109) TRUCK %	1%	_____%
114) FUTURE ADT	2,271	_____
115) FUT. YEAR	2039	_____

ALTERNATE CLASSIFICATIONS		
	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	No	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	No	[]
NBI RTE.	Yes	[]

Structure Inventory and Appraisal
STR. NUM.: OCO0064 020000004700

Date: _____
Sheet: 4 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 015457

1 REC

Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.99 ft	_____ ft
47) HORIZONTAL	58.10 ft	_____ ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	41.00 ft	_____ ft
51) ROADWAY	58.10 ft	_____ ft

DETOURS		
	CURRENT	NEW
19) LENGTH	6.00 mi	_____ mi

Structure Inventory and Appraisal
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Date: _____
Sheet: 5 of 9
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FORM: BI-6
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1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION		
	CURRENT	NEW
201) LOCAL IDENTIFIER	0047	_____
215) PREVIOUS STRUCTURE BIN(s)	0	_____
298) REPLACEMENT BIN	0	_____
214) ADJACENT MAINLINE BIN	0	_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT	01	_____
207) SENATE DISTRICT	32	_____
208) HOUSE DISTRICT	095	_____
297) LOCAL COMMISSION DISTRICT	0300	_____
294) BRIDGE NAME / DESIGNATOR	?	_____
210) CPMS REFERENCE NUMBER	NNNNNNNNN	_____
292) PROJECT NUMBER	NNNNNNNNNNNNNNNNNNN	_____
ALABAMA ID	OCO0064 020000004700	_____
ALDOT REGION	Southwest Region	_____

INSPECTION		
	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	0	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.	0	_____
219A) SNOOPER INSP. REQUIRED	Snooper Insp. Not Req'd	_____
219B) SNOOPER INSP. FREQUENCY	0	_____
220) LAST SNOOPER INSPECTION DATE	01/01/1900	____/____/____
224A) SCOUR INSPECTION REQUIRED	Scour Monit. Req'd	_____
224B) SCOUR INSPECTION FREQUENCY	24 mo	_____mo
224C) SPECIAL INSPECTION DETAIL INDICATOR		_____
225A) SCOUR COUNTERMEASURES REQUIRED		_____
225B) SCOUR COUNTERMEASURES PLANNED	01/01/1900	____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED	01/01/1900	____/____/____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION	Culv not Asses-Low Risk	_____
FOUNDATION TYPE	Spread	_____
FOUNDATION ELEVATION	Known	_____
STREAMBED MATERIAL	Muck/Unknown	_____

Structure Inventory and Appraisal
 STR. NUM.: OCO0064 020000004700

Date: _____
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FORM: BI-6
 BIN: 015457

1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	81.80	_____ ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	49.10	_____ ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	BRASS Culvert	_____
	Not Rated / Analyzed	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	09/01/2008	xxxxxxxx
253) RATING STATUS	Rating Published	_____
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	45.4	_____ ton
254B) LOAD TYPE TWO-AXLE	68.7	_____ ton
254C) LOAD TYPE TRI-AXLE DUMP	81.1	_____ ton
254D) LOAD TYPE CONCRETE TRUCK	71.9	_____ ton
254E) LOAD TYPE 18 WHEELER	98.0	_____ ton
254F) LOAD TYPE SIX-AXLE	98.0	_____ ton
254G) LOAD TYPE SCHOOL BUS	37.9	_____ ton
254H) LOAD TYPE EV2	0.0	_____ ton
254I) LOAD TYPE EV3	0.0	_____ ton
257) REASON POSTED	Culvert	_____
	Not Rated	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE	01/01/1900	____/____/____
259) POSTING CHART INDICATOR	Culvert	_____
261) DATE OF TEMPORARY STRENGTHENING	01/01/1900	____/____/____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN	CD-127	_____
266) STANDARD DRAWING APPROACH SPAN	NNNNNNNNNNNNNNNNNN	_____
31) LIVE LOAD	5 MS 18 (HS 20)	_____

Structure Inventory and Appraisal
STR. NUM.: OCO0064 020000004700

Date: _____
Sheet: 7 of 9
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FORM: BI-6
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1 REC

Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Reinf. Conc. Box Culvert	_____
233A) NUMBER OF BARRELS OR PIPES	2	_____
233B) BARREL LENGTH	60.00 ft	_____ ft
233C) BARREL SPAN	12.00 ft	_____ ft
233D) BARREL HEIGHT	7.00 ft	_____ ft
233E) DEPTH OF FILL	0.70 ft	_____ ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Sag Vertical Curve	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Not Applicable	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Not Applicable	_____
244C) BEGIN ABUTMENT CAP TYPE	Not Applicable	_____
244D) BEGIN ABUTMENT FOUNDATION	Not Applicable	_____
245A) ENDING ABUTMENT TYPE	Not Applicable	_____
245B) ENDING ABUTMENT CAP MATERIAL	Not Applicable	_____
245C) ENDING ABUTMENT CAP TYPE	Not Applicable	_____
245D) ENDING ABUTMENT FOUNDATION	Not Applicable	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED	01/01/1900	____/____/____
271A) PRIMER PAINT TYPE	Not Applicable	_____
271B) INTERMEDIATE PAINT TYPE	Not Applicable	_____
271C) FINISH PAINT TYPE	Not Applicable	_____
271D) UNDERCOAT PAINT TYPE	Not Applicable	_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST	0.00	_____

Structure Inventory and Appraisal
STR. NUM.: OCO0064 020000004700

Date: _____
Sheet: 8 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 015457

1 REC

Appraisal Task

STRUCTURAL APPRAISAL		
	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	xxxxxx
72) APPROACH ALIGNMENT	8 Equal Desirable Crit	_____
36A) BRIDGE RAILINGS	N N/A or not required	_____
36B) TRANSITIONS	N N/A or not required	_____
36C) APPROACH GUARDRAIL	N N/A or not required	_____
36D) APPROACH GUARDRAIL ENDS	N N/A or not required	_____
111) PIER PROTECTION	Not Applicable (P)	_____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS		
	CURRENT	NEW
67) STRUCTURAL EVALUATION	7 Above Min Criteria	xxxxx
68) DECK GEOMETRY	9 Above Desirable Crit	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	99.20	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	33.00	xxxxx%

CLEARANCES		
	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	99.99 ft	_____ ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	0.00 ft	_____ ft
56) LEFT SIDE	0.00 ft	_____ ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ ft

NBI LOAD RATINGS		
	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	_____
RATING DATE	09/01/2008	xxxxx
31) DESIGN LOAD	5 MS 18 (HS 20)	xxxxxxx
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	81.80	_____ ton
65) INVENTORY TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	49.10	_____ ton

Bridge Maintenance Needed

FORM: BI-9

STR. NUM.: OCO0064 020000004700

Sheet: 1 of 1

BIN: 015457

1 REC

Printed: 5/16/2023

INSPECTED BY: _____ DATE: _____

REVIEWED BY: _____ DATE: _____

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
B30	B30 SLOPE & SHORE PROT REPAIR	HR		High	

NC: _____ REMARK: Repair Erosion at SW Corner.

C: _____ NEW QTY: _____ NEW PRIORITY: _____

NEW REMARK: _____

B27	B27 BRIDGE CULVERT REPAIR	HR	8.00	Medium	
-----	---------------------------	----	------	--------	--

NC: _____ REMARK: CLEAN AND SEAL CRACKS AND SPALLS AS NEEDED.

C: _____ NEW QTY: _____ NEW PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

General Narrative Form

FORM: BI-13
BIN: 015457

STR. NUM.: OCO0064 020000004700

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

USER ID	DATE	TYPE	COMMENTS
Pontis	09/02/1997	G	WHM 61-CHANNEL 61.3-DRIFT: LARGE AMOUNTS OF DRIFT AT UPSTREAM SIDE. 62-CULVERT 62.1-BARREL/CONCRETE: BARREL 2 SHOWS HAIRLINE CRACKS WITH LIGHT EFFLORESCENCE/BOTH WALLS. 62.4-ADEQUACY: BARREL 2 SHOWS LIGHT SAND BUILDUP. 62.6-SCOUR: INLET END OF CULVERT SHOWS SCOUR UP TO 1M DEEP.
Pontis	04/30/1999	G	WHM * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 61-CHANNEL 61.3-DRIFT: HAS BEEN REMOVED FROM UPSTREAM SIDE. 61.8-RIPRAP: HAS BEEN PLACED BEHIND ALL (4) WINGWALLS AND ALONG TOEWALL TO CONTROL EROSION.
Pontis	04/05/2001	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 62-CULVERTS 62.1.A-BARREL: NUMEROUS SMALL SPALLS ALONG TOP OF PARAPE UP TO 4"ROUND DUE TO RIP RAP PLACEMENT @ BOTH ENDS. 62.2-HEADWALL: 3"ROUND SPALL TOP OF WINGWALL NEAR RIGHT. 6"LONG X 3"WIDE X 1"DEEP SPALL TOP OF WINGWALL FAR LEFT.
Pontis	04/28/2003	G	MWS * SAME AS PREVIOUS INSPECTIONS W/FOLLOWING ADDITIONS: 62-CULVERTS 62.1-BARREL: INSIDE WALLS BOTTOM 1' SHOW EXPOSED AGGREGATE.
Pontis	04/05/2005	G	MWS * SAME AS PREVIOUS INSPECTION W/NO ADDITIONS.
Pontis	03/07/2007	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWINGS ADDITIONS: 62-CULVERT 62.1-BARREL/CONCRETE: BOTH BARRELS SHOW HAIRLINE CRACKS WITH LIGHT EFFLORESCENCE AT CENTERLINE. 62.4-ADEQUACY: BOTH BARRELS HAVE 1 FOOT BUILD-UP OF SAND/DEBRIS IN BOTTOM OF CULVERT.
Pontis	02/12/2009	G	JMH * SAME AS PREVIOUS INSPECTION W/ FOLLOWING ADDITIONS: 61-CHANNEL 61.3- DRIFT: LARGE TREE HAS FALLEN BLOCKING WATERWAY DOWNSTREAM CAUSING DRIFT TO COLLECT. 62- CULVERTS 62.1.A.3: MINOR VERTICAL CRACKING ON ALL WALLS.
Pontis	02/21/2013	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 61-CHANNEL 61.2 EROSION: EROSION AT NORTHWEST,SOUTHWEST AND SOUTHEAST CORNERS. 62-CULVERTS 62.5-DEBRIS: DEBRIS IS BARREL 1.
MackeyW	03/05/2015	G	61-Channel 61.2-Embankment Erosion: Several trees are launching into the streambed up and downstream.
MackeyW	03/08/2017	G	No new defects noted during this inspection.
thweattd	03/25/2019	G	62 Culvert: 6 LF of hairline cracking in Barrel 1. 8LF of hairline cracking in Barrel 2. Crack located in barrel 1 that extends to the rood of the barrel with efflorescence. A crack is located in barrel 2 that extends to the roof of the culvert with efflorescence. Minor Drift located in barrel 2 with a 10% blockage of the barrel. Erosion is located at the southwest wingwall.
SharpM	03/31/2021	A	*** Same as previous inspection with some minor additional hairline cracks added to the element report.

Structure Inventory and Appraisal

Date: _____

STR. NUM.: OCO0098 020000014300

Sheet: 1 of 9

FORM: BI-6
BIN: 015224

1 REC

Printed: 5/16/2023

Inventory - Admin Subtask

STRUCTURAL IDENTIFICATION		
	CURRENT	NEW
AGENCY BRIDGE ID	015224	
8) NBI STRUCTURE NO	015224	
NAME	?????????????????????????????	

LOCATION		
	CURRENT	NEW
1A) FIPS STATE	01 Alabama	
1B) FHWA REGION	Region 4-Atlanta	
2) AREA	Mobile	
3) COUNTY	Baldwin	
4) CITY/TOWN/PLACECODE	Unknown	
6A) FEATURE INTERSECTED	RED GULLEY CREEK	
7) FACILITY CARRIED	SCENIC 98	
9) LOCATION	1.6 MI. S. OF CO. RD. 64	
16) LATITUDE	30D 34M 42.660S	D M S
17) LONGITUDE	87D 54M 17.120S	D M S
98AA) BORDER STATE	Not Applicable (P)	
98B) SHARE(%)	0	%
98AB) BORDER FHWA REGION	Not Applicable	
99) BORDER STRUCT NO	-	

AGE AND SERVICE		
	CURRENT	NEW
27) YEAR BUILT	1990	
106) YEAR RECONSTRUCT	0	
42A) TYPE OF SERVICE ON	1 Highway	
42B) UNDER	5 Waterway	
28B) LANES UNDER	0	

OPERATION		
	CURRENT	NEW
21) MAINT. RESP.	County Hwy Agency	
22) OWNER	County Hwy Agency	
ALDOT DISTRICT	District 2	

CLASSIFICATION INFORMATION		
	CURRENT	NEW
112) NBIS BRIDGE LENGTH	Long Enough	
101) PARALLEL STRUCTURE	No bridge exists	
103) TEMPORARY STRUCTURE	Not Applicable (P)	
37) HISTORIC SIGNIFICANCE	5 Not eligible for NRHP	

Structure Inventory and Appraisal
 STR. NUM.: OCO0098 020000014300

Date: _____
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FORM: BI-6
 BIN: 015224

1 REC

INSPECTION	
	CURRENT
90) INSPECTION DATE	12/29/2022
91) FREQUENCY	24 mo
93A) FC INSPECTION DATE	N/A
92A) FC FREQUENCY	
93B) UW INSPECTION DATE	N/A
92B) UW FREQUENCY	
93C) SPECIAL INSPECTION DATE	N/A
92C) SPECIAL FREQUENCY	

CONDITION	
	CURRENT
58) DECK	N N/A (NBI)
59) SUPER	N N/A (NBI)
60) SUB	N N/A (NBI)
61) CHANNEL/CHANNEL PROTECTION	7 Minor Damage
62) CULVERT	6 Deterioration

BRIDGE REPLACEMENT	
	CURRENT
PROGRAM YEAR	0
PRIORITY	X
LOAD DEFICIENCY POINTS	0.0000
WIDTH DEFICIENCY POINTS	0.0000
VERT. CIR. DEFICIENCY POINTS	0.0000
CONDITION DEFICIENCY POINTS	0.0000
TOTAL DEFICIENCY POINTS	0.0000
LOCAL RANK	0 of 838
STATEWIDE RANK	0 of 11,124

 INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT. NO. or ALA. PROF. ENGR. NO

 REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 015224

STR. NUM.: OCO0098 020000014300

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION		
AREA: Mobile	DISTRICT: 02	COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY		
OFFSET: 39.70	SDING DATE: 12 2022	VIEW: L
ELEV BASIS: A	LOCATION OF BM: TOP OF HEADWALL=30.48	OFST RMRK: FROM CENTERLINE
ELEV EQ: 0.00 = 0.00	STATION EQ: 0 + 0.0000 = 0 + 0.0000	
SND/ELEV IND: S		

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	9.8000	ABUT. 1 EDGE OF WATER	_____	_____
0 + 12.1400	9.9000	BENT 2	_____	_____
0 + 23.9500	10.9000	ABUT. 3 EDGE OF WATER	_____	_____

Streambed Cross Sections

Insp. Date: _____

FORM: BI-4
BIN: 015224

STR. NUM.: OCO0098 020000014300

Sheet: 2 of 2
Printed: 5/16/2023

1 REC

IDENTIFICATION

AREA: Mobile

DISTRICT: 02

COUNTY: Baldwin

PREVIOUS VALUES: U.S. CUSTOMARY

OFFSET: 39.70

SDING DATE: 12 2022

VIEW: R

OFST RMRK: FROM CENTERLINE

ELEV BASIS: A

LOCATION OF BM: TOP OF HEADWALL=30.48

ELEV EQ: 0.00 = 0.00

STATION EQ: 0 + 0.0000 = 0 + 0.0000

SND/ELEV IND: S

STATIONS	<u>CURRENT</u>		<u>NEW</u>	
	SND/ELEV	REMARKS	SND/ELEV	REMARKS
0 + 0.0000	8.3000	ABUT. 1 EDGE OF WATER		
0 + 12.1400	7.8000	BENT 2		
0 + 23.9500	8.2000	ABUT. 3 EDGE OF WATER		

Inspection Report

FORM: BI-5
BIN: 015224

STR. NUM.: OCO0098 020000014300
Area: Mobile

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

INSPECTION	
PREVIOUS INSP.: Jeremy Howell	
PREVIOUS DATE: 12/29/2022	NEW DATE: _____
PREVIOUS INSP. TYPE: Regular NBI	NEW INSP. TYPE: _____

RATING		
	CURRENT	NEW
58) DECK RATING	N	_____
59) SUPERSTRUCTURE RATING	N	_____
60) SUBSTRUCTURE RATING	N	_____
61) CHANNEL & CHANNEL PROTECTION	7	_____
62) CULVERT RATING	6	_____

REMARKS
4 areas of eff located in culvert. Heavy build up CS 3. 3 spalls located around weep holes 6-7" round CS 3

MISCELLANEOUS		
	CURRENT	NEW
71) WATERWAY ADEQUACY	8	_____
72) APPROACH ROADWAY ADEQ APPRAISAL	8	_____
36) TRAFFIC SAFETY FEATURES		
A) BRIDGE RAIL	1	_____
B) TRANSITION	1	_____
C) APPROACH RAIL	1	_____
D) END TREATMENT	1	_____
LOAD POSTING SIGNS:		
A) REQUIRED		_____
B) PRESENT		_____
C) VISIBLE		_____
D) LEGIBLE		_____

Inspection Report

FORM: BI-5
BIN: 015224

STR. NUM.: OCO0098 02000014300
1 REC Area: Mobile

Sheet: 2 of 2
Printed: 5/16/2023

PREVIOUS DATE: 12/29/2022

NEW DATE: _____

STRUCTURE UNIT: 1

	ELEM #	ELEMENT NAME	ENV	QUANTITY	UNITS	QTY CS 1	QTY CS 2	QTY CS 3	QTY CS 4
CURRENT:	241	Re Conc Culvert	2	160	ft	0.00	153.00	7.00	0.00
NEW:									
NOTES:	-								
<hr/>									
CURRENT:	1080	Delamination/Spall/Patched /	2	3	each	0.00	0.00	3.00	0.00
NEW:									
NOTES:									
<hr/>									
CURRENT:	1120	Efflorescence/Rust Staining	2	4	each	0.00	0.00	4.00	0.00
NEW:									
NOTES:									
<hr/>									
CURRENT:	1190	Abrasion(PSC/RC)	2	153	each	0.00	153.00	0.00	0.00
NEW:									
NOTES:	-								

REASON FOR INSP. _____

INSPECTOR'S SIGNATURE DATE INSP. NBIS CERT NO. ALA. PROF. ENGR. NO.

REVIEWER'S SIGNATURE DATE REVIEWER'S TITLE

Structure Inventory and Appraisal
STR. NUM.: OCO0098 020000014300

Date: _____
Sheet: 2 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 015224

1 REC

Inventory - Design Subtask

DECK		
	CURRENT	NEW
107) DECK STRUCTURE TYPE	N N/A (NBI)	_____
108A) DECK SURFACE TYPE	0 None	_____
108B) DECK MEMBRANE TYPE	0 None	_____
108C) DECK PROTECTION	None	_____
50A) CURB SIDEWALK WIDTH/LEFT	0.00 ft	_____ ft
50B) CURB SIDEWALK WIDTH/RIGHT	0.00 ft	_____ ft
52) DECK WIDTH	0.00 ft	_____ ft
33) BRIDGE MEDIAN	0 No median	_____
DECK AREA	1,922.40	_____ (SF)

STRUCTURE STATUS		
	CURRENT	NEW
BRIDGE STATUS	3 Active	_____

SPANS		
	CURRENT	NEW
45) NUMBER OF MAIN SPANS	2	_____
43A) MAIN SPANS MATERIAL	2 Concrete Continuous	_____
43B) MAIN SPANS DESIGN	19 Culvert	_____
46) NUMBER OF APPROACH SPANS	0	_____
44A) APPROACH SPAN MATERIAL	Not Applicable (P)	_____
44B) APPROACH SPAN DESIGN	Not Applicable (P)	_____
34) SKEW	0 D	_____ D
35) STRUCTURE FLARED	0 No flare	_____

LENGTH		
	CURRENT	NEW
48) MAXIMUM SPAN LENGTH	12.10 ft	_____ ft
49) STRUCTURE LENGTH	24.00 ft	_____ ft
TOTAL LENGTH	24.00 ft	_____ ft

Structure Inventory and Appraisal
STR. NUM.: OCO0098 020000014300

Date: _____
Sheet: 3 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 015224

1 REC

Inventory - Roads Subtask

IDENTIFICATION		
	CURRENT	NEW
ROAD/ROUTE NAME	SCENIC 98	_____
5A) POSITION/PREFIX	Route On Structure	_____
5B) KIND HWY. (RT. PREFIX)	4 County Hwy	_____
5C) DESIG. LEVEL SERVICE	1 Mainline	_____
5D) RTE#	00098	_____
5E) SUFFIX	0 N/A (NBI)	_____
6B) CRITICAL FACILITY	Not Applicable	_____

HIGHWAY NETWORKS & SERVICE CLASSIFICATION		
	CURRENT	NEW
11) KILOMETER/MILE POINT	0.000 mi	_____mi
12) NATIONAL BASE NET	Not on Base Network	_____
13A) LRS INVENTORY RTE.	000CO00980	_____
13B) SUB#	00	_____
20) TOTAL FACILITY	3 On free road	_____
26) FUNCTIONAL CLASS	08 Rural min Collector	_____
102) TRAFFIC DIRECTION	2 2-way traffic	_____

TRAFFIC		
	CURRENT	NEW
28A) LANES	2	_____
SPEED	0 mph	_____mph
29) RECENT ADT	3,516	_____
30) YEAR	2018	_____
109) TRUCK %	1%	_____%
114) FUTURE ADT	4,746	_____
115) FUT. YEAR	2038	_____

ALTERNATE CLASSIFICATIONS		
	CURRENT	NEW
100) DEFENSE HIGHWAY	0 Not a STRAHNET hwy	_____
104) NAT. HWY. SYSTEM	0 Not on NHS	_____
105) FED. LANDS HWY.	0 N/A (NBI)	_____
110) NAT. TRUCK NETWORK	0 Not part of natl netwo	_____
SCHOOL BUS RTE.	No	[]
TRANSIT RTE.	No	[]
EMERGENCY RTE.	No	[]
NBI RTE.	Yes	[]

Structure Inventory and Appraisal
STR. NUM.: OCO0098 020000014300

Date: _____
Sheet: 4 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 015224

1 REC

Inventory - Roads Subtask

CLEARANCES		
	CURRENT	NEW
10) VERTICAL	99.99 ft	_____ft
47) HORIZONTAL	34.10 ft	_____ft

WIDTHS		
	CURRENT	NEW
32) APPROACH ROAD	34.10 ft	_____ft
51) ROADWAY	0.00 ft	_____ft

DETOURS		
	CURRENT	NEW
19) LENGTH	8.00 mi	_____mi

Structure Inventory and Appraisal
STR. NUM.: OCO0098 020000014300

Date: _____
Sheet: 5 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 015224

1 REC

Inventory - Identification Subtask

AGENCY IDENTIFICATION		
	CURRENT	NEW
201) LOCAL IDENTIFIER	0143	_____
215) PREVIOUS STRUCTURE BIN(s)	0	_____
298) REPLACEMENT BIN	0	_____
214) ADJACENT MAINLINE BIN	0	_____
205) RELATIVE POSITION INDICATOR	0	_____
203) MPO CODE	Not in an MPO	_____
206) CONGRESSIONAL DISTRICT	01	_____
207) SENATE DISTRICT	32	_____
208) HOUSE DISTRICT	094	_____
297) LOCAL COMMISSION DISTRICT	02??	_____
294) BRIDGE NAME / DESIGNATOR	?	_____
210) CPMS REFERENCE NUMBER	NNNNNNNNN	_____
292) PROJECT NUMBER	STATE-1277-19	_____
ALABAMA ID	OCO0098 020000014300	_____
ALDOT REGION	Southwest Region	_____

INSPECTION		
	CURRENT	NEW
293) INSPECTION AGENCY	County Highway Agency	_____
SPECIAL INSPECTION COUNT	0	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
92D) SPECIAL INSPECTION TYPE	N/A	_____
SPECIAL EQUIPMENT COUNT	0	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
222) SPECIAL EQUIPMENT USED	N/A	_____
218) TOTAL EMP-HRS FOR UNDERWATER INSP.	0	_____
219A) SNOOPER INSP. REQUIRED	Snooper Insp. Not Req'd	_____
219B) SNOOPER INSP. FREQUENCY	0	_____
220) LAST SNOOPER INSPECTION DATE	01/01/1900	____/____/____
224A) SCOUR INSPECTION REQUIRED	Scour Monit. Req'd	_____
224B) SCOUR INSPECTION FREQUENCY	24 mo	_____mo
224C) SPECIAL INSPECTION DETAIL INDICATOR		_____
225A) SCOUR COUNTERMEASURES REQUIRED		_____
225B) SCOUR COUNTERMEASURES PLANNED	01/01/1900	____/____/____
225C) SCOUR COUNTERMEASURES COMPLETED	01/01/1900	____/____/____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
113B) SCOUR CRITICAL BRIDGE DESCRIPTION	Culv not Asses-Low Risk	_____
FOUNDATION TYPE	Spread	_____
FOUNDATION ELEVATION	Known	_____
STREAMBED MATERIAL	Sand/Clay	_____

Structure Inventory and Appraisal

STR. NUM.: OCO0098 020000014300

Date: _____

Sheet: 6 of 9

Printed: 5/16/2023

FORM: BI-6

BIN: 015224

1 REC

Inventory - Identification Subtask

AGENCY LOAD RATING		
	CURRENT	NEW
41) STRUCTURE TRAFFIC STATUS	A Open, no restriction	_____
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING RATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	98.00	_____ ton
65) INVENTORY RATING TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	98.00	_____ ton
249) RATING SPECIFICATION USED	LFD	_____
250A) RATING ANALYSIS PERFORMED MAJOR	BRASS Culvert	_____
	Not Rated / Analyzed	_____
251) RATING AGENCY	ALDOT (Maint. Bureau)	_____
252) DATE RATED	09/01/2008	xxxxxxxx
253) RATING STATUS	Rating Published	_____
	No Action	_____
	No Action	_____
254A) LOAD TYPE H	98.0	_____ ton
254B) LOAD TYPE TWO-AXLE	98.0	_____ ton
254C) LOAD TYPE TRI-AXLE DUMP	98.0	_____ ton
254D) LOAD TYPE CONCRETE TRUCK	98.0	_____ ton
254E) LOAD TYPE 18 WHEELER	98.0	_____ ton
254F) LOAD TYPE SIX-AXLE	98.0	_____ ton
254G) LOAD TYPE SCHOOL BUS	98.0	_____ ton
254H) LOAD TYPE EV2	0.0	_____ ton
254I) LOAD TYPE EV3	0.0	_____ ton
257) REASON POSTED	Culvert	_____
	Not Rated	_____
258A) LAST POST CHANGE REASON	Never Posted	_____
258B) LAST POST CHANGE DATE	01/01/1900	____/____/____
259) POSTING CHART INDICATOR	Culvert	_____
261) DATE OF TEMPORARY STRENGTHENING	01/01/1900	____/____/____
262) TYPE OF TEMPORARY STRENGTHENING	None	_____
	None	_____
265) STANDARD DRAWINGS MAIN SPAN	CD-126	_____
266) STANDARD DRAWING APPROACH SPAN	NNNNNNNNNNNNNNNNNN	_____
31) LIVE LOAD	5 MS 18 (HS 20)	_____

Structure Inventory and Appraisal
STR. NUM.: OCO0098 020000014300

Date: _____
Sheet: 7 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 015224

1 REC

Inventory - State Items Subtask

CULVERT		
	CURRENT	NEW
237) CULVERT TYPE	Reinf. Conc. Box Culvert	_____
233A) NUMBER OF BARRELS OR PIPES	2	_____
233B) BARREL LENGTH	80.10 ft	_____ ft
233C) BARREL SPAN	12.00 ft	_____ ft
233D) BARREL HEIGHT	6.00 ft	_____ ft
233E) DEPTH OF FILL	10.80 ft	_____ ft

TYPE		
	CURRENT	NEW
232) HORIZONTAL AND/OR VERTICAL CURVE	Not - Horz or Vert Curve	_____
240A) FRACTURE CRITICAL STRUCTURE GROUP TYPE	Not Applicable	_____
244A) BEGIN ABUTMENT TYPE	Not Applicable	_____
244B) BEGIN ABUTMENT CAP MATERIAL	Not Applicable	_____
244C) BEGIN ABUTMENT CAP TYPE	Not Applicable	_____
244D) BEGIN ABUTMENT FOUNDATION	Not Applicable	_____
245A) ENDING ABUTMENT TYPE	Not Applicable	_____
245B) ENDING ABUTMENT CAP MATERIAL	Not Applicable	_____
245C) ENDING ABUTMENT CAP TYPE	Not Applicable	_____
245D) ENDING ABUTMENT FOUNDATION	Not Applicable	_____
246A) MAIN SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
246B) MAIN SPAN PIER TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER TYPE SECONDARY	Not Applicable	_____
246C) MAIN SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP MATERIAL SECONDARY	Not Applicable	_____
246D) MAIN SPAN PIER CAP STRUCTURE PRIMARY	Not Applicable	_____
MAIN SPAN PIER CAP STRUCTURE SECONDARY	Not Applicable	_____
246E) MAIN SPAN PIER FOUNDATION TYPE PRIMARY	Not Applicable	_____
MAIN SPAN PIER FOUNDATION TYPE SECONDARY	Not Applicable	_____
247A) APPROACH SPAN PIER MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER MATERIAL SECONDARY	Not Applicable	_____
247B) APPROACH SPAN PIER TYPE PRIMARY	Not Applicable	_____
APPROACH SPAN PIER TYPE SECONDARY	Not Applicable	_____
247C) APPROACH SPAN PIER CAP MATERIAL PRIMARY	Not Applicable	_____
APPROACH SPAN PIER CAP MATERIAL SEC.	Not Applicable	_____
247D) APPROACH SPAN PIER CAP STRUCTURE PRIM.	Not Applicable	_____
APPROACH SPAN PIER CAP STRUCTURE SEC.	Not Applicable	_____
247E) APPROACH SPAN PIER FOUNDATION TYPE PRIM.	Not Applicable	_____
APPROACH SPAN PIER FOUNDATION TYPE SEC.	Not Applicable	_____

PAINT		
	CURRENT	NEW
267) DATE LAST PAINTED	01/01/1900	____/____/____
271A) PRIMER PAINT TYPE	Not Applicable	_____
271B) INTERMEDIATE PAINT TYPE	Not Applicable	_____
271C) FINISH PAINT TYPE	Not Applicable	_____
271D) UNDERCOAT PAINT TYPE	Not Applicable	_____
273) PAINT EXTENT	Not Applicable	_____
274) PAINT COST	0.00	_____

Structure Inventory and Appraisal
STR. NUM.: OCO0098 020000014300

Date: _____
Sheet: 8 of 9
Printed: 5/16/2023

FORM: BI-6
BIN: 015224

1 REC

Appraisal Task

STRUCTURAL APPRAISAL		
	CURRENT	NEW
41) OPEN/POSTED/CLOSED	A Open, no restriction	xxxxxx
72) APPROACH ALIGNMENT	8 Equal Desirable Crit	_____
36A) BRIDGE RAILINGS	1 Meets Standards	_____
36B) TRANSITIONS	1 Meets Standards	_____
36C) APPROACH GUARDRAIL	1 Meets Standards	_____
36D) APPROACH GUARDRAIL ENDS	1 Meets Standards	_____
111) PIER PROTECTION	Not Applicable (P)	_____
113) SCOUR CRITICAL	8 Stable Above Footing	_____
FRACTURE CRITICAL DETAILS	No FC Details	_____

CALCULATED APPRAISAL RATINGS		
	CURRENT	NEW
67) STRUCTURAL EVALUATION	6 Equal Min Criteria	xxxxx
68) DECK GEOMETRY	N Not applicable (NBI)	xxxxx
69) UNDERCLEARANCES	N Not applicable (NBI)	xxxxx
SD/FO STATUS	Not Deficient	xxxxx
SUFFICIENCY RATING	97.90	xxxx.x
SUFFICIENCY RATING CALCULATE STATUS	1	xxxxx
HEALTH INDEX	65.52	xxxxx%

CLEARANCES		
	CURRENT	NEW
MINIMUM VERTICAL CLEARANCES		
53) OVER STRUCTURE	99.99 ft	_____ft
54A) UNDER (REFERENCE)	N Feature not hwy or RR	_____
54B) UNDER CLEARANCE	0.00 ft	_____ft
MINIMUM LATERAL CLEARANCES		
55A) REFERENCE FEATURE	N Feature not hwy or RR	_____
55B) RIGHT SIDE	0.00 ft	_____ft
56) LEFT SIDE	0.00 ft	_____ft
NAVIGATION DATA		
38) NAVIGATION CONTROL EXISTS	Permit Not Required	_____
39) NAVIGATION VERTICAL CLEARANCES	0.00 ft	_____ft
40) NAVIGATION HORIZONTAL CLEARANCES	0.00 ft	_____ft
116) MINIMUM VERTICAL LIFT CLEARANCES	0.00 ft	_____ft

NBI LOAD RATINGS		
	CURRENT	NEW
LOAD RATING REVIEW RECOMMENDED	No	_____
RATING DATE	09/01/2008	xxxxx
31) DESIGN LOAD	5 MS 18 (HS 20)	xxxxxxx
70) POSTING	5 At/Above Legal Loads	_____
63) OPERATING TYPE	1 LF Load Factor	_____
64) OPERATING RATING	98.00	_____ton
65) INVENTORY TYPE	1 LF Load Factor	_____
66) INVENTORY RATING	98.00	_____ton

Bridge Maintenance Needed

FORM: BI-9

STR. NUM.: OCO0098 020000014300

Sheet: 1 of 1

BIN: 015224

1 REC

Printed: 5/16/2023

INSPECTED BY: _____ DATE: _____

REVIEWED BY: _____ DATE: _____

ACT CODE	DESCRIPTION	UNITS	QTY	PRIORITY	STAT
B30	B30 SLOPE & SHORE PROT REPAIR	HR		High	

NC: _____ REMARK: Place rip-rap in outlet end to control scour.

C: _____ NEW QTY: _____ NEW PRIORITY: _____

NEW REMARK: _____

B02	B02 CURB/RAIL/FENCE REPAIR	LF		Medium	
-----	----------------------------	----	--	--------	--

NC: _____ REMARK: Repair damaged guardrail on north side.

C: _____ NEW QTY: _____ NEW PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

NEW ACTIVITY: B: _____ ACTIVITY DESCRIPTION: _____

UNIT: _____ QTY: _____ PRIORITY: _____

NEW REMARK: _____

General Narrative Form

FORM: BI-13
BIN: 015224

STR. NUM.: OCO0098 020000014300

Sheet: 1 of 2
Printed: 5/16/2023

1 REC

USER ID	DATE	TYPE	COMMENTS
Pontis	09/15/1998	G	WHM 61-CHANNEL 61.3-DRIFT: LARGE AMOUNTS HAVE COLLECTED AT BOTH ENDS OF CULVERT. * RIPRAP HAS BEEN PLACED AT OUTLET END OF BARRELS TO CONTROL SCOUR. 62-CULVERT 62.1.A-BARREL: BBL 1 SHOWS EXPOSED AGGREGATE AT OUTLET END OF CULVERT BOTTOM. 150MM OF EXPOSED AGGREGATE AT BOTTOM OF CULVERT WALLS. 62.6-EROSION: HAS OCCURRED BEHIND NEAR RIGHT WINGWALL. * VERTICAL MISALIGNMENT PRESENT ON BOTTOM OF DECK 1M FROM OUTLET END/BOTH BARRELS. APPARENTLY CAUSED BY FAILURE OF FORMWORK AT TIME OF CONCRETE PLACEMENT.
Pontis	10/09/2000	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: NO ADDITIONAL DEFICIENCIES AT THIS TIME.
Pontis	11/24/2004	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 61.2-EMBANKMENT EROSION: CONCRETE FLUME @ FAR RIGHT IS UNDERMINED @ BOTH ENDS. 61.3-DRIFT: BARREL 1 IS BLOCKED W/DRIFT @ INLET END. 36.A. -SAFTY FEATURES: (3) SECTIONS OF GUARD RAIL DAMAGED ON RIGHT SIDE. * STREAMBED SCoured OUT 3' DEEP AT OUTLET END OF CULVERT, ENTIRE TOEWALL IS 5'DEEP. (RIPRAP NEEDED)*
Pontis	11/22/2006	R	WHM 61-CHANNEL 61.2-EMBANKMENT EROSION: LARGE AMOUNT OF SILT HAS COLLECTED AT INLET END. 36-TRAFFIC SAFETY FEATURES 36.D-END TREATMENT: TYPE 10 DAMAGED AT NEAR RIGHT.
Pontis	11/21/2008	G	MWS * SAME AS PREVIOUS INSPECTION W/FOLLOWING ADDITIONS: 61-CHANNEL 61.1-CHANNEL SCOUR: OUTLET END OF BARREL 2 SHOWS 4' OF SCOUR WITH 1' FOOT OF SILT. OUTLET END OF BARREL 2 SHOWS 2'UNDERMINED TOE WALL (NEEDS RIPRAP). 61.2-EROSION: CONCRETE FLUME @ FAR RIGHT UNDERMINED UP TO 3' IN CHANNEL. 62-CULVERT 62.1.A-BARREL: LIGHT EFFLORESCENCE LOCATED @ TOP OF CULVERT BARRELS @ CONSTRUCTION JOINTS.(TYPICAL) 36.A-BRIDGE RAIL: EROSION BEHIND GUARD RAIL @ FAR RIGHT UP TO 3' DEEP.
Pontis	11/29/2010	R	MWS ***NO ADDITIONAL DEFICIENCIES NOTED AT THIS INSPECTION***
Pontis	11/02/2012	R	WHM 62-CULVERT 62.1.A-BARREL: BARREL 1 SHOWS A 4' LONG HAIRLINE CRACK IN THE CEILING NEAR THE INLET END.
Pontis	11/05/2014	R	WHM 62-CULVERT 62.1.A-BARREL: BBL 1 SHOWS A 12' LONG HAIRLINE CRACKS IN THE CEILING WITH EFFLORESCENCE (CONST. JOINT) 24', 44' & 60' FROM OUTLET END. BOTH BBLS SHOW ABRASION FROM CULVERT FLOOR UPWARDS 8".
MackeyW	12/12/2016	G	No additional defects found during this inspection.
thweattd	12/28/2018	G	61 Channel Scour: Outlet end still shows undermining of culvert, work order had been submitted to place class 3 rip-rap in area. Right side sounds show 5' of fill. 36 Traffic safety features: Damaged guardrail on right side of culvert.
HowellJ	12/23/2020	A	Same As previous inspection with no additional defects.

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-5	9.2.3.7	Recycling Program	<i>Through out the permit cycle, within the County's MS4 boundary track volume of recycled materials and report data in the annual report</i>	Trash	Solid Waste
2022/2023		Recycle Bins Locations	Total Recycle Tons		
		Fairhope Courthouse	127.66		
		MacBride Landfill	29.33		
		Spanish Fort Kids Park	139.33		

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-5ai</i>	<i>9.2.3.7</i>	<i>Litter Patrol</i>	<i>Throughout the permit cycle, within the County's MS4 boundary, track volume of litter picked up from county right of ways</i>	<i>Litter & Floatable</i>	<i>Solid Waste</i>
Dates		Tons of Trash Picked Up By Creek Clean			
		10/01/2022 through 03/31/2023	10.16		
		04/01/2022 through 09/30/22			

Close Out

Totals by Bill Account

((Trans.DateOut BETWEEN '2023-01-01' AND '2023-03-31')
AND (Trans.BillAcctNum BETWEEN '706180' AND '706180'))

BillAcct : 706180 (26 items)

BillCompany	TranNum	NetTN
CREEK CLEAN, LLC LITTER PATROL	3160106	0.4
CREEK CLEAN, LLC LITTER PATROL	3160296	0.35
CREEK CLEAN, LLC LITTER PATROL	3160435	0.63
CREEK CLEAN, LLC LITTER PATROL	3160486	0.39
CREEK CLEAN, LLC LITTER PATROL	3160655	0.5
CREEK CLEAN, LLC LITTER PATROL	3160709	0.26
CREEK CLEAN, LLC LITTER PATROL	3160764	0.65
CREEK CLEAN, LLC LITTER PATROL	3160975	0.34
CREEK CLEAN, LLC LITTER PATROL	3161052	0.43
CREEK CLEAN, LLC LITTER PATROL	3161210	0.26
CREEK CLEAN, LLC LITTER PATROL	3161401	0.24
CREEK CLEAN, LLC LITTER PATROL	3161531	0.38
CREEK CLEAN, LLC LITTER PATROL	3161631	0.52
CREEK CLEAN, LLC LITTER PATROL	3161828	0.3
CREEK CLEAN, LLC LITTER PATROL	3161962	0.48
CREEK CLEAN, LLC LITTER PATROL	3162180	0.62
CREEK CLEAN, LLC LITTER PATROL	3162276	0.61
CREEK CLEAN, LLC LITTER PATROL	3162479	0.18
CREEK CLEAN, LLC LITTER PATROL	3162577	0.28
CREEK CLEAN, LLC LITTER PATROL	3162790	0.2
CREEK CLEAN, LLC LITTER PATROL	3162949	0.59
CREEK CLEAN, LLC LITTER PATROL	3163165	0.17
CREEK CLEAN, LLC LITTER PATROL	3163279	0.24
CREEK CLEAN, LLC LITTER PATROL	3163422	0.46
CREEK CLEAN, LLC LITTER PATROL	3163580	0.39
CREEK CLEAN, LLC LITTER PATROL	3163851	0.29
Summaries for 706180		
		Count = 26 Sum = 10.16

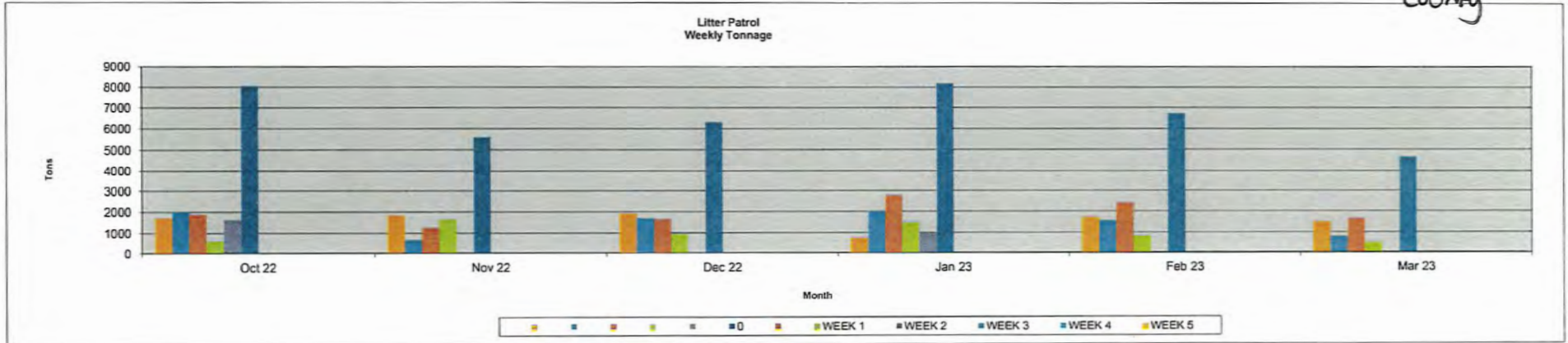
Grand Summaries

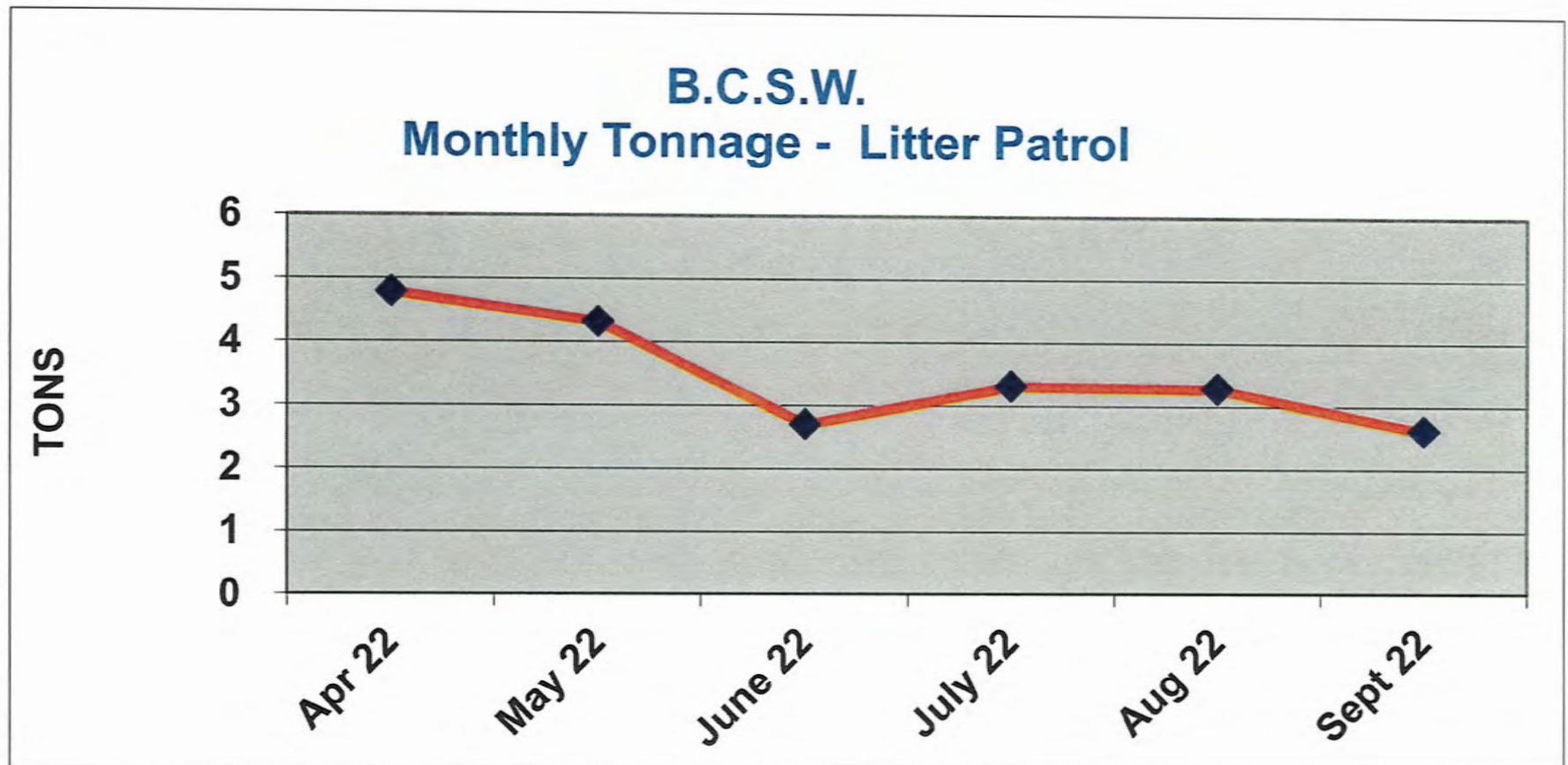
m34 Area

Count = 26 Sum = 10.16

B.C.S.W. LITTER PATROL - CREEK CLEAN
WEEKLY TONNAGE

MONTH/YEAR	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	TOTAL	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	TONS
						0						
Oct 22	1780	2040	1920	680	1660	8080	0.89	1.02	0.96	0.34	0.83	4.04
Nov 22	1900	680	1300	1720		5600	0.95	0.34	0.65	0.86	0	2.8
Dec 22	1960	1700	1680	960		6320	0.98	0.85	0.84	0.48	0	3.16
Jan 23	800	2040	2820	1540	1000	8200	0.4	1.02	1.41	0.77	0.5	4.1
Feb 23	1800	1560	2460	920		6740	0.9	0.78	1.23	0.48	0	3.37
Mar 23	1580	820	1700	580		4680	0.79	0.41	0.85	0.28	0	2.34
						42620						21.31
TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS	TOTALS						TOTAL COUNTY





CREEK CLEAN ASSIGNMENTS

WEEK 1		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	4-Oct (7 men)	START:C.R.40-(138 to 225); then ST.-C.R.39-(138 to 31/Stapleton C.L.)(*RAIN?)	11.3	0
Tuesday	5-Oct (7 men)	START:C.R.26E.-(Hickory St. to 49), ST.-C.R.49S.-(26/Bridge to 10).	11.3	0
Wednesday	6-Oct (6 men)	START:C.R.10-(59 to Billy's Seafood/End.); ST.-C.R.12W.-(59 to 26).	6	1400
Thursday	7-Oct (7 men)	START:C.R.64N.-(*B.B.E. to 112).	10.7	0
Friday	8-Oct	N/A	0.00	0
TOTAL			39.3	1400
WEEK 2		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	11-Oct (7 Men)	FINISH:C.R.12-(65 to 26).ST.-C.R.65S.-(98 to 10), ST.-Roscoe Rd.-(*F.B.E./4).	9	1,520
Tuesday	12-Oct (8 men)	FINISH:C.R.65-(12 to 98), ST.-Roscoe Rd.-(*F.B.E. to 4); ST.-C.R.20-(95 to 83).	7.6	0
Wednesday	13-Oct (8 men)	FINISH:C.R.20-(83/Elberta C.L. to Foley C.L./F.B.E.); ST.-C.R.112-(64 to 87).	9	1,200
Thursday	14-Oct (7 men)	FINISH:C.R.39-(31/Stapleton to 40); ST.-Nicholsville Road.	7.6	0
Friday	15-Oct	N/A	0.00	0
TOTAL			33.2	2,720
WEEK 3		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	18-Oct (7 Men)	CONTINUE:C.R.112E.-(87/mm22 to mm30/Florida Line).	8.5	1,580
Tuesday	19-Oct (7 men)	START:C.R.87S.-(Cow Pen Rd. to 90/38), ST.-C.R.38-(87 to *B.B.E.).	7.5	0
Wednesday	20-Oct (8 men)	FINISH:C.R.38-(87 to *B.B.E.), ST.-*FOLEY BEACH EXP.-(12 to 8); ST.-C.R.95.	3.9	1,560
Thursday	21-Oct (8 men)	START:D'Olive Road-(225 to Bay Mielte C.L.); ST.-C.R.47-(R/R Perdido to I-65).	7.4	1,060
Friday	22-Oct	N / A		
TOTAL			27.3	4200
WEEK 4		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	25-Oct (8 Men)	START:C.R.95-(98 to 42/Joesephine C.L.) ST.-C.R.97-(98 to Leiterman Rd.).	10	0
Tuesday	26-Oct (7 men)	START:C.R.91S.-(98 to 99), ST.-C.R.99-(98 to 91); CONT.-C.R.95N.-(98 to 32).	10.4	0
Wednesday	27-Oct (7 Men)	FINISH:C.R.91N.-(98 to Gardner Rd.), FINISH:C.R.95N.-(98 to 32).*NEXT-C.R.-32.	7.1	0
Thursday	28-Oct (6 Men)	START:C.R.138-(Bayminette C.L. to 225). *NEXT-C.R.96-(59 to 47).	7	1680
Friday	29-Oct	N / A	0.00	0
TOTAL			34.5	1680
WEEK 1		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	1-Nov (6 men)	FINISH:C.R.9N.-(32 to 48), CONT.-C.R.87N.-(32 to 38)..	6.1	0
Tuesday	2-Nov (7 men)	FINISH:C.R.32W.-(95 to 87 / 83N-Summ. C.L.). ST.-C.R.83S.-(32 to El. C.L.).	6.8	1400
Wednesday	3-Nov (7 Men)	FINISH:C.R.83S.-(32 to EL. C.L.), FINISH:C.R.87S.-(32 to 20); CONT.-C.R.32W.	10	0
Thursday	4-Nov (7 men)	FINISH:C.R.57/Pinegrove Rd.-(59 to Bay Minette C.L.); ST.-C.R.112E.-(31 to 61).	6	1580
Friday	5-Nov	N/A	0.00	0
TOTAL			28.9	2980
WEEK 2		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	8-Nov (7 men)	START:C.R.96-(59 to 47), ST.-C.R.94-(59 to 47).	13	0
Tuesday	9-Nov (7 men)	START:C.R.64-(49/Loxley C.L. to 54).	6.5	0
Wednesday	10-Nov (7 men)	FINISH:C.R.64-(54 to 13), ST.-C.R.13-(64/Daphne C.L. to 104). ST.-C.R.112E./31.	7	1,100
Thursday	11-Nov (6 men)	START:C.R.32W.-(9/Bridge to Scenic Hwy 98).	6.9	0
Friday	12-Nov	N / A		
TOTAL			33.4	1100
WEEK 3		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	15-Nov (5 men)	FINISH:C.R.94-(59 to 47),ST.-C.R.21-(59 to 59);ST.-C.R.61-(59 to 47/Jack S. Rd.).	8.2	1600
Tuesday	16-Nov (7 Men)	FINISH:C.R.61-(59 to 61N.), ST.-C.R.47-(Jack Springs Rd. to I-65).	15.5	0
Wednesday	17-Nov (8 men)	FINISH:C.R.47-(96 to 94), then CONT.-C.R.112-(mm3 to mm10).	7.5	0
Thursday	18-Nov (7 men)	FINISH:C.R.112E.-(mm10 to mm16), ST.-Nicholsville Rd.-(Brady Ext./Old Dhwy).	8.3	1640
Friday	19-Nov	N / A	0.00	0
TOTAL			39.5	3240
WEEK 4		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	22-Nov (8 Men)	START:C.R.55S.-(Loxley C.L. to 52/S'hill C.L.) - (South Blvd. to 32). ST.-CR32.	10.8	0
Tuesday	23-Nov (8 men)	START:*BALDWIN BEACH EXPRESS-(Buccee's/68 to 90).	5.5	1,300
Wednesday	24-Nov (8 men)	CONT.-*BALDWIN BEACH EXPRESS-(Bridges/104 to 32).	6	1,400
Thursday	25-Nov	*THANKSGIVING DAY - CLOSED.	0	0
Friday	26-Nov	N / A		
TOTAL			22.3	2700
WEEK 5		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	29-Nov (7 men)	FINISH:*BALDWIN BEACH EXPRESS-(36 to *F.B.E.). ST.-C.R.52,54;56-(55/59).	9.4	1,660
Tuesday	30-Nov (7 men)	FINISH:C.R.54W.-(55 to 64), then ST.-C.R.48-(Bohemian Hall Rd. to 181).	9.8	0
Wednesday	1-Dec (6 men)	START:C.R.33-(48 to 32), ST.-C.R.9-(48 to 32 / 98).	10.6	1,120
Thursday	2-Dec (7 Men)	START:C.R.61 / Phillipsville Rd.-(112 to 31).	11.5	0
Friday	3-Dec	N / A	0.00	0
TOTAL			41.3	2780

	Assignment	Miles	Weight
WEEK 1			
Monday	6-Dec (7 Men)START:C.R.49-(28 to 24 / 98), then FINISH:C.R.9=(24 to 98); ST-C.R.24E.-(9/49).		7.1 0
Tuesday	7-Dec (6 men)FINISH:C.R.24-(59 to 49), START:C.R.65S.-(24 to 98); ST.-C.R.55S.-(32 to 98).		8.3 1,600
Wednesday	8-Dec (6 men)START:C.R.55-(32 to 98), then START:C.R.28-(9 to 59).		11 0
Thursday	9-Dec (6 men)START:C.R.40-(138 to 225), then START:C.R.39-(138 to 40 / 31).		7.5 2,040
Friday	10-Dec N / A		0.00 0
TOTAL		33.9	3640
WEEK 2			
Monday	13-Dec (6 men)START:C.R.68-(59 to *B.B.E.),ST.-C.R.65N.-(54/R'dale to Fox Branch Rd.).		12.9 0
Tuesday	14-Dec (6 men)CONT.-C.R.-64E.-(Loxley C.L. to *B.B.E. / I-10), CONT.-(I-10 to 112).		10.6 1,080
Wednesday	15-Dec (6 men)FINISH:C.R.64E.-(I-10 to 112), ST.-C.R.87S.-(Cow Pen Rd. to 90 / 32).		9.5 0
Thursday	16-Dec (6 men)FINISH:C.R.40-(39 to 138), then ST.-C.R.39-(31 / Stapleton C.L. to 40/138).		11 1,060
Friday	17-Dec N / A		0.00 0
TOTAL		44	2140
WEEK 3			
Monday	20-Dec (7 men)START:C.R.26-(Hickory St./Foley C.L. to 49), ST.-C.R.49-(26/Mag. C.L. to 12).		11.3 0
Tuesday	21-Dec (7 men)START:C.R.10-(49 to 59), then ST.-C.R.65-(10 to 98).		8.8 1,560
Wednesday	22-Dec (7 Men)FINISH:C.R.138-(225 to Bay Minette C.L.); NEXT-D'Olive Rd.-(225 to BayM C.L.).		9.3 1,380
Thursday	23-Dec CHRISTMAS PAID DAY OFF.		0 0
Friday	24-Dec CHRISTMAS PAID DAY OFF.		0.00 0
TOTAL		29.4	2940
WEEK 4			
Monday	27-Dec (5 Men)START:C.R.61-(Perdido R/R to 47 / Jack Sorings Rd.).		10 0
Tuesday	28-Dec (8 men)START:C.R.12-(59 to 26).		8.5 0
Wednesday	29-Dec (8 men)START:Roscoe Rd.-(*F.B.E. to 4),*Foley Beach Express-(8 to 12); ST.-C.R.20.		9.5 1,620
Thursday	30-Dec (7 men)FINISH:C.R.61-(47/Jack Springs Rd. to 59), START:C.R.21-(59 to 59/Stockton).		9 1,360
Friday	31-Dec N / A		0.00 0
TOTAL		37	2980
WEEK 1			
Monday	3-Jan (6 men)START:C.R.95S.-(32 to 98 / 42/Joesephine C.L.).		10 0
Tuesday	4-Jan (4 men)START:C.R.47N.-(I-65/Bayminette C.L. to I-65/Perdido).		6.6 0
Wednesday	5-Jan (5 men)START:C.R.91S.-(Gardner Rd. to 98 / 99), ST.-C.R.97S.-(98 to Leiterman Rd.).		9.6 0
Thursday	6-Jan *OFF / COVID POSITIVE EMPLOYEE ON CREW - REGROUP FOR NEXT MONDAY.		0 1,960
Friday	7-Jan N/A		0.00 0
TOTAL		26.2	1960
WEEK 2			
Monday	10-Jan (4 Men)FINISH:C.R.47-(47/Jack Springs Rd. to I-65), START:C.R.21-(59 to 59/Stockton).		6.9 0
Tuesday	11-Jan (5 men)FINISH:C.R.97S, ST.-C.R.99S.-(98 to 91), ST.-C.R.32W.-(C.C. Rd. to 87).		9.9 0
Wednesday	12-Jan (4 men)START:C.R.96-(59 to 47).		9 1,420
Thursday	13-Jan (6 Men)FINISH:C.R.32W.-(87 to Summerdale C.L.), ST.-C.R.83S.-(32 to Elberta C.L.).		10.8 0
Friday	14-Jan N/A		0.00 1,920
TOTAL		36.6	3340
WEEK 3			
Monday	17-Jan (8 men)FINISH:C.R.87S.-(32 to 98), ST.-C.R.38W.-(87 to *F.B.E.); ST.-C.R.49S.-(28/24).		11.5 0
Tuesday	18-Jan (7 men)START:C.R.32W.-(Sencil 98 to 9) then (9 to 59).		12.5 1,380
Wednesday	19-Jan (5 men)FINISH:C.R.32-(59 to 55),ST.-C.R.13-(104 to Daphne C.L.). *NEXT-Pine Grove Rd.		8 1580
Thursday	20-Jan (6 Men)FINISH:C.R.57/Pine Grove Rd.-(59 to Bayminette C.L.), ST.-C.R.94-(47 to 59).		8.2 1,100
Friday	21-Jan N/A		0.00 0
TOTAL		40.2	4060
WEEK 4			
Monday	24-Jan (6 Men)START:C.R.112-(31/mm1 to mm10).		10 0
Tuesday	25-Jan (7 Men)CONT.-C.R.112-(mm10 to mm 20/CR87).		12 1,460
Wednesday	26-Jan (5 Men)FINISH:C.R.112; (FINISH END YEAR 1 / CYCLE 5). START:Nicholsville Road.		10.3 1000
Thursday	27-Jan (5 Men)*START: (YEAR-2 / CYCLE-1). ST.-C.R.64W.-(49/Loxley C.L. to 13/Daphne C.L.).		5 0
Friday	28-Jan N/A		0.00 0
TOTAL		37.3	2460
WEEK 5			
Monday	31-Jan (7 Men)FINISH:C.R.64W.-(54 to 13), START:C.R.55S.-(Loxley C.L. to 32).		11.3 980
Tuesday	1-Feb (7 men)ST.-C.R.56-(59 to 55), ST.-52-(R'dale C.L. to 55); ST.-C.R.54-(59 to 55 / 64).		12.2 900
Wednesday	2-Feb (6 men)ST.-C.R.48-(Bohemian Hall Rd. to 181), ST.-C.R.33-(48 to 32), ST.-C.R.9-(48/32).		11.6 0
Thursday	3-Feb (5 men)START:C.R.138-(Bay Minette C.L. to 225).		5.5 980
Friday	4-Feb N/A		0.00 0
TOTAL		40.6	2860
WEEK 1			
Monday	7-Feb (7 men)START:*BALDWIN BEACH EXPRESS-(*F.B.E./mm1 to mm5).		5 0
Tuesday	8-Feb (7 men)CONT.-*BALDWIN BEACH EXPRESS-(mm5 to mm12).		7 1160
Wednesday	9-Feb (8 men)FINISH:*B.B.E.-(mm12 to mm13.5),ST.-C.R.68-(59/BBE); ST.-C.R.65N.-(54/End).		13.1 1340
Thursday	10-Feb (8 Men)START:C.R.61N.(Perdido R/R track to 47/Jack Springs Rd. plus).		12 0
Friday	11-Feb N/A		0.00 0
TOTAL		37.1	2500
WEEK 2			
Monday	14-Feb (6 men)START:C.R.64-(55/Loxley C.L. to *B.B.E.), ST.-C.R.65S.-(24 to 98); ST.-C.R.49.		10.6 940
Tuesday	15-Feb (7 men)FINISH:C.R.65-(26 to 10), FINISH:C.R.55-(32 to 98); CONT.-C.R.9-(32 to 98).		12.6 0
Wednesday	16-Feb (8 men)FINISH:C.R.9-(24 to 98), ST.-C.R.28-(9 to 59); ST.-C.R.24-(55 to 59).		10.7 2020
Thursday	17-Feb (6 men)FINISH:C.R.61/Lottie Rd.-(59 to Jack Springs Rd.), START:C.R.61/Phillipsville Rd.		14.3 1,080
Friday	18-Feb N/A		0.00 0
TOTAL		48.2	4040

	Assignment	Miles	Weight
WEEK 3			
Monday	21-Feb (5 men)FINISH:C.R.28E.-(9 to 59), ST.-C.R.12W.-(59 to 65); ST.-C.R.10W.-(59 to End).		7.9 0
Tuesday	22-Feb (6 men)FINISH:C.R.10-(65 to 49),ST.-C.R.49-(10 to Magnolia Springs C.L.); ST.-C.R.26.		9.3 1380
Wednesday	23-Feb (5 men)START:C.R.26E.-(49 to 65/Hickory St.), FINISH:C.R.12W.-(65 to 49/26).		10.5 0
Thursday	24-Feb (6 Men)FINISH:C.R.61/Phillpsville Rd.-(31 to 112), ST.-C.R.39-(138 to 40 / 59).		12.4 920
Friday	25-Feb N/A		0.00 0
TOTAL		40.1	2300
WEEK 4			
Monday	28-Feb (4 men)CONT.-C.R.112-(112 to I-10/Wilcox).		7 0
Tuesday	1-Mar (6 men)FINISH:C.R.64-(I-10 to *B.B.E.),ST.-Roscoe Rd.-(4 to *F.B.E.);ST.-*F.B.E.-(12/8).		10.8 0
Wednesday	2-Mar (7 men)FINISH:C.R.20-(Foley C.L. to 95),ST.-C.R.95-(Joesephine C.L. /42 to 98 / 32).		12.5 940
Thursday	3-Mar (5 Men)START:C.R.39-(59/Stapleton C.L. to 40/138), then ST.-D'Olive Rd.-(225 to C.L.).		9.8 580
Friday	4-Mar N/A		0.00 0
TOTAL		40.1	1520
WEEK 1			
Monday	7-Mar (7 men)START:C.R.97-(98 to Leiterman Rd.), ST.-C.R.91-(98 to 99); ST.-C.R.99-(91/98).		15.5 0
Tuesday	8-Mar (7 men)START:C.R.32W.-(C.C. Rd. to Summerdale C.L.), ST.-C.R.83S.-(32 to Elb. C.L.).		10.8 0
Wednesday	9-Mar (6 men)START:C.R.96-(59 to 47). "POSSIBILITY OF A RAIN OUT".		8.9 1400
Thursday	10-Mar (7 men)START:C.R.94-(59 to 47), then ST.-C.R.21-(59/Stockton C.L. to 59).		10.7 640
Friday	11-Mar N/A		0.00 0
TOTAL		45.9	2040
WEEK 2			
Monday	14-Mar (5 men)START:C.R.87N.-(20 to 32), then ST.-C.R.38-(87 to *B.B.E.).		13.5 0
Tuesday	15-Mar (6 men)START:C.R.57/Pine Grove Rd.-(Bay Minette C.L. to 59). ("RAINED OUT.")		2 520
Wednesday	16-Mar (7 men)FINISH:C.R.87N-(32 to 90/Cow Pen Rd.), ST.-C.R.32-(59 to 9).		6.8 0
Thursday	17-Mar (7 men)FINISH:C.R.57/Pine Grove Rd.-(59 to BayMinette C.L.), ST.-C.R.47-(I-65 to R/R).		12.5 100
Friday	18-Mar N/A		0.00 0
TOTAL		34.8	620
WEEK 3			
Monday	21-Mar (7 men)START:C.R.112W.-(Florida Line/mm30 to mm16).		14 0
Tuesday	22-Mar (6 men)CONT.-C.R.112W.-(mm16 to mm4/Phillpsville Rd.).		12 840
Wednesday	23-Mar (6 men)START:C.R.32-(59 to Scenic Hwy 98). *NEXT-C.R.13-(104 to Daphne C.L.).		13 240
Thursday	24-Mar (7 men)FINISH:C.R.112-(mm1 to mm4), FINISH:C.R.47-(I-65 to 31);ST.-Nicholsville Rd.		10.5 1,480
Friday	25-Mar N/A		0.00 0
TOTAL		49.5	2560
WEEK 4			
Monday	28-Mar (7 men)START:C.R.13-(104 to Daphne C.L.), ST.-C.R.49-(28 to 24), ST.-C.R.64-(49/13).		10.6 1000
Tuesday	29-Mar (5 men)FINISH:C.R.64-(54 to 181), then ST.-C.R.55-(Loxley C.L. to 32).		9.8 720
Wednesday	30-Mar (6 men)START:C.R.56-(55 to 59), ST.-C.R.52-(55 to R'dale C.L.); ST.-C.R.54-(59 to 64).		12.2 860
Thursday	31-Mar (7 men)START:C.R.138 - (Bay Minette C.L to 225), D'Olive rd - (225 to Bay Minette C.L).		7.8 640
Friday	1-Apr N/A		0.00 0
TOTAL		40.4	3220
WEEK 1			
Monday	4-Apr (7 MEN) Start: BBE (CO RD 68 TO FBE)		8 0
Tuesday	5-Apr (6) FINISHED BBE		5.5 1,040
Wednesday	6-Apr (8 Men) Picked up Cr 48 (Bohemian Hall Rd to 181) Cr 33 (48 to 32) Cd 9 (Cr32 to 48)		11.5 0
Thursday	7-Apr (7 Men) Picked up Cr 40 (138 to 225) Picked up Cr 39 (59 to 138)		11.6 900
Friday	8-Apr N/A		0.00 0
TOTAL		36.6	1940
WEEK 2			
Monday	11-Apr (7 Men) Finish Cr 9 (32 to 98) Picked up Cr 49 (24 to 98) Cr 28 (9 to 59) Cr 24 (9 to 55)		17.5 0
Tuesday	12-Apr (6 Men) Finish Cr 24 (55 to 59) Picked up Cr 55 (32 to 98) Cr 65 (24 to 98) Started Cr 64		11.8 1,160
Wednesday	13-Apr (6 Men) Finished Cr 64 (Loxley C.L to Cr 112) Started Cr 61 (112 to 59)		15.5 1,100
Thursday	14-Apr (6 Men) Picked up Phillipsville Rd Starded Cr 61 (112 to 59)		13 860
Friday	15-Apr N/A		0.00 0
TOTAL		57.8	3120
WEEK 3			
Monday	18-Apr (5 Men) Picked up Cr 68 (59 to BBE Cr 65 (54 to Fox Branch Rd) Cont Cr 61 (112 to 59)		12.4 0
Tuesday	19-Apr (6 Men) Picked up Cr 65 (98 to 10) Cr 10 (59 to Billys Seafood) Cont Cr 61		12.1 760
Wednesday	20-Apr (5 Men) Picked up Cr 49 (10 to Magnolia Spirngs CL) Started 12 (59 to 65)		12.3 580
Thursday	21-Apr (7 Men) Cont Cr 61		15.2 1,020
Friday	22-Apr N/A		0.00 0
TOTAL		52	2360
WEEK 4			
Monday	25-Apr (7 Men) Finished Cr 12 (65 to 26) Picked up Cr 26 (12 to Hickory) Rosco Rd (4 to BBE)		11.1 0
Tuesday	26-Apr (7 Men) Picked up FBE (12 to Foley CL) Cr 20 (Foley CL to 95) Started Cr 95		14 900
Wednesday	27-Apr (7 Men) Finished Cr 95 Pirates Cove to 32 Started Cr 87 (20 to Cowpen Rd		14.8 820
Thursday	28-Apr CO RD 21, HWY 59. CO RD 94, HWY 59 TO CO RD 47. CO RD 96, HWY 59 TO CO RD 47.		19.6 460
Friday	29-Apr N/A		0.00 0
TOTAL		59.5	2180
WEEK 1			
Monday	2-May (5 Men) Started Cr 112 (31 to Florida Line)		10 0
Tuesday	3-May (6 Men) Cont Cr 112 (31 to Florida Line)		10 600
Wednesday	4-May (4 Men) Finish Cr 112 (31 to Florida Line)		10 0
Thursday	5-May Start Cr 47 (I65 to perdido R/R)		8 500
Friday	6-May N/A		0.00 0
TOTAL		36	1100

WEEK 2		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	9-May (6 Men) Finished Cr 87 (20 to Cow Pen Rd) Picked up Cr 91 (Gardner Rd to Cr 99)			11.6	0
Tuesday	10-May (6 Men) Picked up Cr 49 (28 to 24)			2	840
Wednesday	11-May (5 Men) Finished Cr 49 (98 to 24) Picked up Cr 99 (98 to 91) Cr 97 (Leiterman Rd to 98)			9.9	0
Thursday	12-May (6 Men) Finished Cr 47 (165 to Perdido R/R) Picked up Pine Grove Rd (Bayminette CL to 59)			12.5	920
Friday	13-May N/A			0.00	0
TOTAL				36	1760
WEEK 3		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	16-May (5 Men) Picked up Cr 83 (32 to Elberta CL) Cr 38 (BBE to 87) Cr 32 (CC Rd to Summerdale)			16.3	0
Tuesday	17-May (6 Men) Picked up Cr 32 (59 to Scenic Hwy 98)			13	1,220
Wednesday	18-May (6 Men) Finished Cr 39 (59 to 40) Picked up Cr 13 (104 to Daphne CL & Nicholasville RD)			11.8	840
Thursday	19-May (6 Men) Picked up Cr 138 (Bat Minette CL to 225) Started Cr 61 (112 to 59)			10.5	640
Friday	20-May N/A			0.00	0
TOTAL				51.6	2700
WEEK 4		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	23-May (5 Men) Started Cr 64 (49/Loxley CL to 13)			5	0
Tuesday	24-May (6 Men) Finished Cr 64 (49/Loxley CL to 13) Started Cr 55 (Loxley CL to 32)			5.6	1,160
Wednesday	25-May Rained Out			0	0
Thursday	26-May Rained Out			0	0
Friday	27-May (5 Men) Cont Cr 61 (112 to 59)			13.50	0
TOTAL				24.1	1160
WEEK 5		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	30-May (7 Men) Start BBE (68 to FBE)			7	0
Tuesday	31-May (7 Men) Cont BBE (68 to FBE)			6.5	720
Wednesday	1-Jun (7 Men) Finished Cr 55 (Loxley CL to 32) Picked up Cr 54 (59 to 64) Cr 52 (Rdale CL to 55)			14.5	1,000
Thursday	2-Jun (6 Men) Finished Cr 61 (112 to 59) Start Cr 47 (165 to Perdido R/R)			13.5	200
Friday	3-Jun N/A			0.00	0
TOTAL				41.5	1920
WEEK 1		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	6-Jun (7 Men) Finished Cr 47 (165 to Perdido R/R) Picked up Cr 21 (59 to 59)			13	960
Tuesday	7-Jun (6 Men) Picked up (Bohemian Hall Rd to 181) Cr 33 (48 to 32) Cr 9 (48 to 32 Cr 56 (59 to 55)			13.5	0
Wednesday	8-Jun (6 Men) Started Cr 64 (Loxley CL to 112)			9.5	420
Thursday	9-Jun Picked up Cr 40 (138 to 225)			10.3	0
Friday	10-Jun N/A			0.00	0
TOTAL				46.3	1380
WEEK 2		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	13-Jun (6 Men) Finished Cr 64 (Loxley to 112) Picked up Cr 68 (59 to BBE) Cr 65 (54 to Fox Branch)			14.4	0
Tuesday	14-Jun (8 Men) Finished Cr 65 (24 to 98) Cr 9 (32 to 98) Started Cr 24 (9 to 49)			10.3	1,080
Wednesday	15-Jun (6 Men) Picked up Cr 96 (59 to 47)			8.9	0
Thursday	16-Jun (7 Men) Picked up Cr 24 (49 to 59) Cr 94 (59 to 47)			12	760
Friday	17-Jun N/A			0.00	0
TOTAL				45.6	1840
WEEK 3		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	20-Jun (6 Men) Picked up Cr 28 (9 to 59) Started Cr 65 (24 to 98)			8.5	0
Tuesday	21-Jun (7 Men) Picked up Cr 55 (32 to 98)			4.5	740
Wednesday	22-Jun (7 Men) Picked up Cr 65 (98 to 10)			5	0
Thursday	23-Jun (6 Men) Picked up Pinegrove Rd (Bayminette CL to 59)			5.5	500
Friday	24-Jun N/A			0.00	0
TOTAL				23.5	1240
WEEK 4		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	27-Jun (7 Men) Picked up Cr 49 (10 to Magnolia Springs CL) Cr 10 (59 to Billys Seafood)			12.1	0
Tuesday	28-Jun (7 Men) Picked up Cr 12 (59 to 26) Picked up Cr 26 (12 to Hickory St)			12.1	960
Wednesday	29-Jun (5 Men) Started Cr 112 (31 to Florida Line)			5	0
Thursday	30-Jun (5 Men) Cont Cr 112 (31 to Florida Line) Stopped do to bad weather			5	0
Friday	1-Jul N/A			0.00	0
TOTAL				34.2	960
WEEK 1		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	4-Jul Did not work. Worked Friday- Picked up Cannon rd in stockton			0	0
Tuesday	5-Jul (7 Men) Cont Cr 61 (112 to 59)			11	0
Wednesday	6-Jul (5 Men) Picked up Cr 20 (Foley CL to 95) Started Cr 95 (Pirates Cove to 32)			12.5	780
Thursday	7-Jul (7 Men) Cont Cr 112 (31 to Florida Line)			8	1,540
Friday	8-Jul N/A			0.00	0
TOTAL				31.5	2320
WEEK 2		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	11-Jul (7 Men) Started Cr 87 ((20 to Cow Pen Rd)			10.8	0
Tuesday	12-Jul (7 Men) Picked up Phillipsville Rd (31 to 112) Cont Cr 112 (31 to Florida Line)			12.5	1,000
Wednesday	13-Jul (6 Men) Picked up Nicholasville Rd (Bay Minette CL to Olid Brady Rd D'Olive (225 to Bay MCL			6.6	0
Thursday	14-Jul (6 Men) Cont Cr 112 (31 to Florida Line)			9	580
Friday	15-Jul N/A			0.00	0
TOTAL				38.9	1580
WEEK 3		<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>	
Monday	(7 Men) Finished Cr 87 (20 to Cow Pen Rd) Cr 95 (Pirates Cove to 32) Picked up County Rd 97				
Monday	18-Jul (Leiterman Rd to 99) Cr 38 BBE to 87)			16.5	0
Tuesday	19-Jul (7 Men) Picked up Cr 91 (Gardenn Rd to 99) Cr 99 (98 to 91)			12.5	880
Wednesday	20-Jul (7 Men) Picked up Cr 91 (Gardenn Rd to 99) Cr 99 (98 to 91)			10.8	0
Thursday	21-Jul (7 Men) Picked up Cr 32 (CC Rd to Summerdale CL) Cr 83 (32 to Elberta CL)			11.1	1160
Friday	22-Jul N/A			0.00	0

TOTAL		50.9	2040
WEEK 4	<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	25-Jul (5 Men) Picked up Cr 13 (104 to Daphne CL) Started Cr 32 (59 to Scenic Hwy 98)	10	0
Tuesday	26-Jul (6 Men) Cont Cr 32 (59 to scenic Hwy 98) (Left early do to sick)	3	580
Wednesday	27-Jul (3 Men) Started Cr 47 (I65 to Perdido R/R)	4.5	0
Thursday	28-Jul (4 Men) Cont Cr 47 (I65 to Perdido R/R)	3	120
Friday	29-Jul N/A	0.00	0
TOTAL		20.5	700
WEEK 1	<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	1-Aug (9 Men) Picked up Rosco Rd (4 to FBE) FBE (12 to Foley CL Started BBE (68 to FBE)	8.1	700
Tuesday	2-Aug (8 Men) Cont BBE (68 to FBE) Cont Cr 32 (59 to Scenic Hwy 98)	2	0
Wednesday	3-Aug (8 Men) Cont Cr 47 (I65 to Perdido R/R)	6.6	0
Thursday	4-Aug (8 Men) Started Cr 64 (Ioxley CL to 13)	6.6	1,140
Friday	5-Aug N/A	0.00	0
TOTAL		23.3	1840
WEEK 2	<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	8-Aug (7 Men) Picked up Cr 138 (Bay Minette CL to 225)	5.5	400
Tuesday	9-Aug (7 Men) Picked up Cr 40 (138 to 225) Picked up Cr 39 (59 to 138)	16.6	0
Wednesday	10-Aug (7 Men) Picked up Cr 61 (31 to 112 Picked to Nicholville Rd (Old Daphne Rd to Brady Rd Ext	8	740
Thursday	11-Aug (8 Men) Picked up Cr 49 (28 to 98)	4	0
Friday	12-Aug	0.00	0
TOTAL		34.1	1140
WEEK 3	<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	15-Aug (6 Men) Picked up Cr 64 (Loxley CL to BBE) Cr 68 (59 to BBE)	13.2	720
Tuesday	16-Aug (7 Men) Picked up Pinegrove Rd (Bat Minette CL to 59)	5.5	0
Wednesday	17-Aug (7 Men) Started Cr 65 (54 to Fox Branch Rd) Cr 64 (Loxley CL to 112)	13.6	680
Thursday	18-Aug Did not work do to storming	0	0
Friday	19-Aug N/A	0.00	0
TOTAL		32.3	1400
WEEK 4	<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	22-Aug (6 Men) Picked up Cr 9 (48 to 98) Started Cr 32 (59 to Scenic Hwy 98)	13.7	0
Tuesday	23-Aug (7 Men) Started Cr 61 (112 to 59)	8	1080
Wednesday	24-Aug (6 Men) Started Cr 24 (49 to 9) Picked up Cr 28 (9 to 59)	8.8	0
Thursday	25-Aug (6 Men) Cont Cr 61 (112 to 59) Picked up Phillippsville Rd (112 to 59)	13.5	540
Friday	26-Aug N/A	0.00	0
TOTAL		44	1620
WEEK 5	<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	29-Aug (5 Men) Started Cr 55 (32 to 24) Picked up Cr 24 (55 to 59)	6	0
Tuesday	30-Aug (6 Men) Started Cr 24 (59 to 49) Cr 49 (24 to 28) Cr 55 (24 to 98)	5.5	0
Wednesday	31-Aug (6 Men) Started Cr BBE (110 to 64) Cr 65 (24 to 98)	3.5	580
Thursday	1-Sep (6 Men) Started Cr 112 (31 to Florida State Line)	10	0
Friday	2-Sep N/A	0.00	0
TOTAL		25	580
WEEK 1	<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	5-Sep (7 Men) Picked up Cr 26 (12 to Hickory St) Cr 56 (59 to 55) Started Cr 54 (59 to 64)	9	0
Tuesday	6-Sep (6 Men) Picked up Cr 52 (Robertsdale CL to 55) Started Cr 54 (59 to 55) Started Cr 55 (104 to 59)	7.5	620
Wednesday	7-Sep (6 Men) Started Cr 87 (Cow Pen Rd to 38) Picked up Cr 38 (87 to BBE)	10	0
Thursday	8-Sep (7 Men) Started Cr 47 (I65 to Perdido R/R) Cr 61 (Cr 112 to Cr 59) Cont 112 (31 to Florida State Line)	10	860
Friday	9-Sep N/A	0.00	0
TOTAL		36.5	1480
WEEK 2	<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	12-Sep (7 Men) Finished Cr 55 (104 to 32) Vehicle Problems	4	600
Tuesday	13-Sep (6 Men) Started Cr 47 (I65 to Perdido R/R Cr 61 (112 to 59) -Vehicle Problems	5	0
Wednesday	14-Sep (7 Men) Finished Cr 112 (31 to Florida State Line)	14	0
Thursday	15-Sep (7 Men) Picked up Cr 33 (48 to 32) Cr 48 (Bohemian Hall Rd to 181) Started D'Olive (225 to Bay Minette C	10.5	780
Friday	16-Sep N/A	0.00	0
TOTAL		33.5	1380
WEEK 3	<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	19-Sep Did not work do to vehicle problems	0	0
Tuesday	20-Sep (6 Men) Started Cr 49 (Magnolia Springs CL to 12) Cr 12 (26 to 65)	9	840
Wednesday	21-Sep (7 Men) Picked up Cr 96 (59 to 47)	8.9	0
Thursday	22-Sep (7 Men) Picked up Cr 94 (59 to 47) Started Cr 21 (59 to 59)	10.7	0
Friday	23-Sep N/A	0	0
TOTAL		28.6	840
WEEK 4	<u>Assignment</u>	<u>Miles</u>	<u>Weight</u>
Monday	26-Sep (7 Men) Finish Cr 49 (12 to 10) Picked up Cr 10 (59 to Billys seafood)	9.5	420
Tuesday	27-Sep (7 Men) Finished Cr 12 (59 TO 65) Finished Cr 65 (12 to 10)	7.4	0
Wednesday	28-Sep (7 Men) Finished Cr 26 (65 to Hickory St) Finish Cr 54 (55 to 64) Picked up Cr 13 (104 to Daphne CL)	10.7	900
Thursday	29-Sep (6 Men) Started Cr 61/ Phillippsville Rd (31 to 112)	11.5	240
Friday	30-Sep N/A	0	0
TOTAL		39.1	1560

Report: **Scale Transactions By Customer (including ADEM Fees)**
 Dates: For the period: 4/1/2022 to 12/31/2022
 Acct Nbrs: Account Numbers: 706180 to 706180

Revised for CY Rate Change Effective

Act No	Name	Ticket No	Date	Type	Bales	\$/Tons	%	Tons	Total - \$ w/Tax
CREEK CLEAN, LLC									
12									
706180	CREEK CLEAN, LLC	3147047	04/05/22	I2	0	\$ 32.00		0.52	\$17.16
706180	CREEK CLEAN, LLC	3147170	04/07/22	L2	0	\$ 32.00		0.45	\$14.85
706180	CREEK CLEAN, LLC	3147337	04/12/22	I2	0	\$ 32.00		0.58	\$19.14
706180	CREEK CLEAN, LLC	3147390	04/13/22	I2	0	\$ 32.00		0.55	\$18.15
706180	CREEK CLEAN, LLC	3147493	04/14/22	L2	0	\$ 32.00		0.43	\$14.19
706180	CREEK CLEAN, LLC	3147625	04/19/22	L2	0	\$ 32.00		0.38	\$12.54
706180	CREEK CLEAN, LLC	3147679	04/20/22	L2	0	\$ 32.00		0.29	\$9.57
706180	CREEK CLEAN, LLC	3147783	04/21/22	I2	0	\$ 32.00		0.51	\$16.83
706180	CREEK CLEAN, LLC	3147902	04/26/22	I2	0	\$ 32.00		0.45	\$14.85
706180	CREEK CLEAN, LLC	3147952	04/27/22	I2	0	\$ 32.00		0.41	\$13.53
706180	CREEK CLEAN, LLC	3148041	04/28/22	L2	0	\$ 32.00		0.23	\$7.59
706180	CREEK CLEAN, LLC	3148180	05/03/22	L2	0	\$ 32.00		0.30	\$9.90
706180	CREEK CLEAN, LLC	3148284	05/05/22	I2	0	\$ 32.00		0.25	\$8.25
706180	CREEK CLEAN, LLC	3148451	05/10/22	L2	0	\$ 32.00		0.42	\$13.86
706180	CREEK CLEAN, LLC	3148572	05/12/22	L2	0	\$ 32.00		0.46	\$15.18
706180	CREEK CLEAN, LLC	3148744	05/17/22	L2	0	\$ 32.00		0.61	\$20.13
706180	CREEK CLEAN, LLC	3148842	05/18/22	L2	0	\$ 32.00		0.42	\$13.86
706180	CREEK CLEAN, LLC	3148888	05/19/22	L2	0	\$ 32.00		0.32	\$10.56
706180	CREEK CLEAN, LLC	3149036	05/24/22	L2	0	\$ 32.00		0.58	\$19.14
706180	CREEK CLEAN, LLC	3149197	05/27/22	L2	0	\$ 32.00		0.33	\$10.89
706180	CREEK CLEAN, LLC	3149299	05/31/22	L2	0	\$ 32.00		0.36	\$11.88
706180	CREEK CLEAN, LLC	3149364	06/01/22	L2	0	\$ 32.00		0.50	\$16.50
706180	CREEK CLEAN, LLC	3149464	06/02/22	L2	0	\$ 32.00		0.10	\$4.00
706180	CREEK CLEAN, LLC	3149609	06/06/22	L2	0	\$ 32.00		0.48	\$15.84
706180	CREEK CLEAN, LLC	3149683	06/08/22	I2	0	\$ 32.00		0.21	\$6.93
706180	CREEK CLEAN, LLC	3149918	06/14/22	L2	0	\$ 32.00		0.54	\$17.82
706180	CREEK CLEAN, LLC	3150050	06/16/22	L2	0	\$ 32.00		0.38	\$12.54
706180	CREEK CLEAN, LLC	3150191	06/21/22	L2	0	\$ 32.00		0.37	\$12.21
706180	CREEK CLEAN, LLC	3150337	06/23/22	L2	0	\$ 32.00		0.25	\$8.25
706180	CREEK CLEAN, LLC	3150556	06/28/22	I2	0	\$ 32.00		0.48	\$15.84
706180	CREEK CLEAN, LLC	3150821	07/06/22	I2	0	\$ 32.00		0.39	\$12.87
706180	CREEK CLEAN, LLC	3150909	07/07/22	L2	0	\$ 32.00		0.77	\$25.41
706180	CREEK CLEAN, LLC	3151128	07/12/22	L2	0	\$ 32.00		0.50	\$16.50
706180	CREEK CLEAN, LLC	3151228	07/14/22	L2	0	\$ 32.00		0.29	\$9.57
706180	CREEK CLEAN, LLC	3151489	07/19/22	L2	0	\$ 32.00		0.44	\$14.52
706180	CREEK CLEAN, LLC	3151618	07/21/22	L2	0	\$ 32.00		0.58	\$19.14
706180	CREEK CLEAN, LLC	3151773	07/26/22	L2	0	\$ 32.00		0.29	\$9.57
706180	CREEK CLEAN, LLC	3151916	07/28/22	I2	0	\$ 32.00		0.12	\$4.00
706180	CREEK CLEAN, LLC	3152064	08/01/22	L2	0	\$ 32.00		0.35	\$11.55
706180	CREEK CLEAN, LLC	3152228	08/04/22	I2	0	\$ 32.00		0.57	\$18.81
706180	CREEK CLEAN, LLC	3152355	08/08/22	L2	0	\$ 32.00		0.20	\$6.60
706180	CREEK CLEAN, LLC	3152460	08/10/22	I2	0	\$ 32.00		0.37	\$12.21
706180	CREEK CLEAN, LLC	3152663	08/15/22	L2	0	\$ 32.00		0.36	\$11.88
706180	CREEK CLEAN, LLC	3152771	08/17/22	L2	0	\$ 32.00		0.34	\$11.22
706180	CREEK CLEAN, LLC	3152930	08/23/22	I2	0	\$ 32.00		0.54	\$17.82
706180	CREEK CLEAN, LLC	3153070	08/25/22	I2	0	\$ 32.00		0.27	\$8.91
706180	CREEK CLEAN, LLC	3153348	08/31/22	I2	0	\$ 32.00		0.29	\$9.57
706180	CREEK CLEAN, LLC	3153529	09/06/22	I2	0	\$ 32.00		0.31	\$10.23
706180	CREEK CLEAN, LLC	3153685	09/08/22	L2	0	\$ 32.00		0.43	\$14.19
706180	CREEK CLEAN, LLC	3153804	09/12/22	L2	0	\$ 32.00		0.30	\$9.90
706180	CREEK CLEAN, LLC	3153995	09/15/22	I2	0	\$ 32.00		0.39	\$12.87
706180	CREEK CLEAN, LLC	3154243	09/20/22	I2	0	\$ 32.00		0.42	\$13.86
706180	CREEK CLEAN, LLC	3154518	09/26/22	L2	0	\$ 32.00		0.21	\$6.93
706180	CREEK CLEAN, LLC	3154572	09/28/22	I2	0	\$ 32.00		0.45	\$14.85
706180	CREEK CLEAN, LLC	3154705	09/29/22	I2	0	\$ 32.00		0.12	\$4.00
706180	CREEK CLEAN, LLC	3154808	10/04/22	I2	0	\$ 32.00		0.59	\$19.47

Act No	Name	Ticket No	Date	Type	Bales	\$/Tons	%	Tons	Total - \$ w/Tax
706180	CREEK CLEAN, LLC	3154877	10/06/22	I2	0	\$ 32.00		0.30	\$9.90
706180	CREEK CLEAN, LLC	3155089	10/11/22	L2	0	\$ 32.00		0.40	\$13.20
706180	CREEK CLEAN, LLC	3155169	10/13/22	I2	0	\$ 32.00		0.62	\$20.46
706180	CREEK CLEAN, LLC	3155368	10/18/22	L2	0	\$ 32.00		0.48	\$15.84
706180	CREEK CLEAN, LLC	3155480	10/20/22	L2	0	\$ 32.00		0.48	\$15.84
706180	CREEK CLEAN, LLC	3155740	10/26/22	L2	0	\$ 32.00		0.34	\$11.22
706180	CREEK CLEAN, LLC	3155925	10/31/22	L2	0	\$ 32.00		0.54	\$17.82
706180	CREEK CLEAN, LLC	3155985	11/02/22	L2	0	\$ 32.00		0.29	\$9.57
706180	CREEK CLEAN, LLC	3156182	11/07/22	I2	0	\$ 32.00		0.34	\$11.22
706180	CREEK CLEAN, LLC	3156270	11/08/22	L2	0	\$ 32.00		0.42	\$13.86
706180	CREEK CLEAN, LLC	3156385	11/10/22	L2	0	\$ 32.00		0.19	\$6.27
706180	CREEK CLEAN, LLC	3156611	11/16/22	L2	0	\$ 32.00		0.32	\$10.56
706180	CREEK CLEAN, LLC	3156847	11/22/22	L2	0	\$ 32.00		0.65	\$21.45
706180	CREEK CLEAN, LLC	3157082	11/29/22	L2	0	\$ 32.00		0.47	\$15.51
706180	CREEK CLEAN, LLC	3157190	12/01/22	I2	0	\$ 32.00		0.39	\$12.87
706180	CREEK CLEAN, LLC	3157340	12/06/22	L2	0	\$ 32.00		0.49	\$16.17
706180	CREEK CLEAN, LLC	3157432	12/08/22	I2	0	\$ 32.00		0.48	\$15.84
706180	CREEK CLEAN, LLC	3157612	12/13/22	I2	0	\$ 32.00		0.49	\$16.17
706180	CREEK CLEAN, LLC	3157702	12/14/22	L2	0	\$ 32.00		0.36	\$11.88
706180	CREEK CLEAN, LLC	3157884	12/20/22	I2	0	\$ 32.00		0.36	\$11.88
706180	CREEK CLEAN, LLC	3157964	12/21/22	L2	0	\$ 32.00		0.48	\$15.84
706180	CREEK CLEAN, LLC	3158087	12/26/22	L2	0	\$ 32.00		0.49	\$16.17
706180	CREEK CLEAN, LLC	3158281	12/29/22	L2	0	\$ 32.00		0.46	\$15.18

L2

31.89

\$1,053.15

r1

706180	CREEK CLEAN, LLC	3147047	04/05/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3147170	04/07/22	r1	0	\$ 3.00		0.00	\$9.00
706180	CREEK CLEAN, LLC	3147337	04/12/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3147390	04/13/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3147493	04/14/22	R1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3147625	04/19/22	r1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3147679	04/20/22	R1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3148041	04/28/22	R1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3148180	05/03/22	R1	0	\$ 3.00		0.00	\$21.00
706180	CREEK CLEAN, LLC	3148284	05/05/22	r1	0	\$ 3.00		0.00	\$24.00
706180	CREEK CLEAN, LLC	3148451	05/10/22	R1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3148572	05/12/22	R1	0	\$ 3.00		0.00	\$9.00
706180	CREEK CLEAN, LLC	3148744	05/17/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3149036	05/24/22	R1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3149197	05/27/22	R1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3149299	05/31/22	R1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3149364	06/01/22	R1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3149609	06/08/22	R1	0	\$ 3.00		0.00	\$12.00
706180	CREEK CLEAN, LLC	3150191	06/21/22	R1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3150337	06/23/22	R1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3150556	06/28/22	r1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3150909	07/07/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3151228	07/14/22	R1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3151489	07/19/22	R1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3152064	08/01/22	r1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3152228	08/04/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3152663	08/15/22	r1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3152930	08/23/22	r1	0	\$ 3.00		0.00	\$9.00
706180	CREEK CLEAN, LLC	3153348	08/31/22	R1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3153529	09/06/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3153685	09/08/22	R1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3153804	09/12/22	r1	0	\$ 3.00		0.00	\$12.00
706180	CREEK CLEAN, LLC	3153995	09/15/22	r1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3154243	09/20/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3154808	10/04/22	r1	0	\$ 3.00		0.00	\$9.00

Act No	Name	Ticket No	Date	Type	Bales	\$/Tons	%	Tons	Total - \$ w/Tax
706180	CREEK CLEAN, LLC	3154877	10/06/22	r1	0	\$ 3.00		0.00	\$21.00
706180	CREEK CLEAN, LLC	3155089	10/11/22	R1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3155169	10/13/22	r1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3155480	10/20/22	R1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3155740	10/26/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3155985	11/02/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3156182	11/07/22	r1	0	\$ 3.00		0.00	\$9.00
706180	CREEK CLEAN, LLC	3156270	11/08/22	r1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3156847	11/22/22	R1	0	\$ 3.00		0.00	\$12.00
706180	CREEK CLEAN, LLC	3157190	12/01/22	r1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3157702	12/14/22	R1	0	\$ 3.00		0.00	\$3.00
706180	CREEK CLEAN, LLC	3157964	12/21/22	R1	0	\$ 3.00		0.00	\$6.00
706180	CREEK CLEAN, LLC	3158281	12/29/22	R1	0	\$ 3.00		0.00	\$3.00

R1 0.05 \$318.00

R2

706180	CREEK CLEAN, LLC	3147047	04/05/22	R2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3147493	04/14/22	R2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3147679	04/20/22	R2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3148451	05/10/22	R2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3148572	05/12/22	R2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3148744	05/17/22	r2	0	\$ 10.00		0.00	\$20.00
706180	CREEK CLEAN, LLC	3149036	05/24/22	R2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3149299	05/31/22	R2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3150337	06/23/22	R2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3150556	06/28/22	r2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3150909	07/07/22	r2	0	\$ 10.00		0.01	\$120.00
706180	CREEK CLEAN, LLC	3151489	07/19/22	R2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3151618	07/21/22	R2	0	\$ 10.00		0.00	\$20.00
706180	CREEK CLEAN, LLC	3151916	07/28/22	r2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3152064	08/01/22	r2	0	\$ 10.00		0.00	\$20.00
706180	CREEK CLEAN, LLC	3152228	08/04/22	r2	0	\$ 10.00		0.00	\$20.00
706180	CREEK CLEAN, LLC	3153529	09/06/22	r2	0	\$ 10.00		0.00	\$20.00
706180	CREEK CLEAN, LLC	3154572	09/28/22	r2	0	\$ 10.00		0.01	\$100.00
706180	CREEK CLEAN, LLC	3154808	10/04/22	r2	0	\$ 10.00		0.00	\$90.00
706180	CREEK CLEAN, LLC	3154877	10/06/22	r2	0	\$ 10.00		0.00	\$30.00
706180	CREEK CLEAN, LLC	3155089	10/11/22	R2	0	\$ 10.00		0.00	\$30.00
706180	CREEK CLEAN, LLC	3155480	10/20/22	R2	0	\$ 10.00		0.00	\$30.00
706180	CREEK CLEAN, LLC	3155740	10/26/22	r2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3155925	10/31/22	R2	0	\$ 10.00		0.00	\$30.00
706180	CREEK CLEAN, LLC	3156270	11/08/22	r2	0	\$ 10.00		0.00	\$70.00
706180	CREEK CLEAN, LLC	3156611	11/16/22	r2	0	\$ 10.00		0.00	\$20.00
706180	CREEK CLEAN, LLC	3157612	12/13/22	r2	0	\$ 10.00		0.00	\$20.00
706180	CREEK CLEAN, LLC	3157702	12/14/22	R2	0	\$ 10.00		0.00	\$10.00
706180	CREEK CLEAN, LLC	3158281	12/29/22	R2	0	\$ 10.00		0.00	\$20.00

R2 0.04 \$790.00

GRAND TOTALS 31.98 \$2,161.15

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-5av	9.2.5	Training	Throughout the permit cycle, employees with MS4 duties will be provided stormwater training in regards to the County's Stormwater Management Program.	All	P&Z
Type	EMA Staff Member:	Description	Date		
HAZMAT	Amanda Thweatt	Hazardous Materials Training	11/4/2022		
HAZMAT	Tom Tyler	Hazardous Materials Training	11/4/2022		
HAZMAT	Jessica Waters	Hazardous Materials Training	11/4/2022		
HAZMAT	Brent Goodwin	Hazardous Materials Training	11/4/2022		
HAZMAT	Michelle Penning	Hazardous Materials Training	11/4/2022		
HAZMAT	Dalton Hamby	Hazardous Materials Training	11/4/2022		
HAZMAT	Doug Hatten	Hazardous Materials Training	11/4/2022		
HAZMAT	Vernon Dandridge	Hazardous Materials Training	11/4/2022		
Type	Solid Waste Staff Member:	Description	Date		
ADEM	Anna N Spencer	Municipal Solid Waste Landfill Operator	8/15/2022		
ADEM	Wesley Pate	Municipal Solid Waste Landfill Operator	5/20/2022		
ADEM	David Deyton	Municipal Solid Waste Landfill Operator	8/15/2022		
ADEM	Jimmy Shiver	Alabama Landfill Operator Certification	4/5/2022		
ADEM	JT Qualls	Alabama Landfill Operator Certification	4/5/2022		
ADEM	Eugene Philyaw	Alabama Landfill Operator Certification	4/5/2022		
ADEM	Joey Morris	Alabama Landfill Operator Certification	4/5/2022		
ADEM	Jonathan Bryars	Alabama Landfill Operator Certification	4/5/2022		
LABELLA	Charles Stanford	Landfill Operator CEU	2/8/2023		
LABELLA	Jimmy Shiver	Solid Waste Facility Operator Training Course	7/21/2022		
LABELLA	Rachel Philyaw	Landfill Operator CEU	2/8/2023		
LABELLA	Joey Morris	Solid Waste Facility Operator Training Course	7/26/2022		
LABELLA	Roy Kelley	Landfill Operator CEU	2/8/2023		
LABELLA	Joey Morris	Solid Waste Facility Operator Training Course	11/8/2022		
LABELLA	Tom Hodges	Solid Waste Facility Operator Training Course	7/26/2022		

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

Type	Solid Waste Staff Member:	Description	Date
LABELLA	Matt Harper	Landfill Operator CEU	2/8/2022
LABELLA	Amy Gallemore	Landfill Operator CEU	2/8/2023
LABELLA	Suzanne Doughty	Landfill Operator CEU	2/8/2023
LABELLA	Ed Fox	Landfill Operator CEU	2/8/2023
LABELLA	Robert Davis	Landfill Operator CEU	2/8/2023
LABELLA	Brianna Davis	Landfill Operator CEU	2/8/2023
LABELLA	Randall Aaron	Landfill Operator CEU	2/8/2023
LABELLA	Randall Aaron	Solid Waste Facility Operator Training Course	7/21/2022
LABELLA	Jimmy Brannum	Landfill Operator CEU	2/8/2023
LABELLA	Jonathan Bryars	Landfill Operator CEU	2/8/2023
SWANA	Terri Graham	SWANA Fall Forum T	11/2-4/2022
SWANA	Ed Fox	SWANA Fall Forum T	11/2-4/2022
SWANA	Ed Fox	Swana Spring Seminar	04/4-6/2022

ALABAMA FIRE COLLEGE

AND PERSONNEL STANDARDS & EDUCATION COMMISSION



November 11, 2022

Amanda Joy Thweatt
26286 County Road 69
Loxley, AL 36551

Dear Mr./Ms. Thweatt:

Please find listed below your scores from the State of Alabama certification examination for the Hazardous Materials/WMD - Awareness & Operations course ending November 4, 2022.

	Test Score	Test Date
HM/WMD Awareness Written Exam (Min 70%)	92	11/4/2022
HM/WMD Awareness Skills Exam (Min 70%)	100	11/4/2022
HM/WMD Operations Written Exam (Min 70%)	86	11/4/2022
HM/WMD Operations Skills Exam (Min 70%)	100	11/4/2022

Alabama Administrative Code requires a minimum passing score of 70% for certification exams. For scores not meeting the required minimum score, one retest is allowed to be taken between 30 days after the original test and before 12 months has passed from the end of the course. A retest may be scheduled by contacting the Alabama Fire College Regional Director/Coordinator in your area. Retests are scheduled at 2:00 pm on the first and third Thursday of each month at the Alabama Fire College campus or in conjunction with scheduled certification tests across the state. To schedule a retest, please call at least 10 days prior to intended test date.

Your desire to achieve certification is a high recommendation of your dedication and of the quality of service you seek to provide your community. I wish you every success in reaching this goal. As each of us continues to study and learn, our service to our citizens will improve and we will meet the goal of reducing property and life loss due to fire.

Please visit our website at www.alabamafirecollege.org for current course schedule and calendar, Regional Director/Coordinator contact information and map, policies, and pertinent information for Alabama's fire service.

Sincerely,

David M. Russell
Executive Director

DMR/ksd

2501 PHOENIX DRIVE, TUSCALOOSA, ALABAMA 35405
WWW.ALABAMAFIRECOLLEGE.ORG | 1.800.241.2467



ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Amanda Joy Thweatt

upon successful completion of the requirements for

HAZARDOUS MATERIALS/WMD - OPERATIONS

Meets and/or exceeds NFPA 1072, Chapters 5, 6.2 & 6.6 of the 2017 Edition

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR



251630



ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Amanda Joy Thweatt

upon successful completion of the requirements for

HAZARDOUS MATERIALS/WMD - AWARENESS

NFPA Standard: 1072 - Edition: 2017

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR





ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Thomas Oran Tyler

upon successful completion of the requirements for

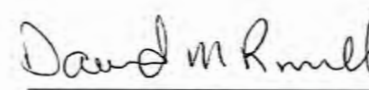
HAZARDOUS MATERIALS/WMD - AWARENESS

NFPA Standard: 1072 - Edition: 2017

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR



251621



ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Thomas Oran Tyler

upon successful completion of the requirements for

HAZARDOUS MATERIALS/WMD - OPERATIONS

Meets and/or exceeds NFPA 1072, Chapters 5, 6.2 & 6.6 of the 2017 Edition

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR



251631



ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Jessica Dale Waters

upon successful completion of the requirements for

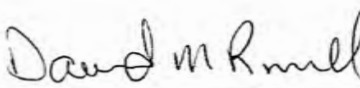
HAZARDOUS MATERIALS/WMD - AWARENESS

NFPA Standard: 1072 - Edition: 2017

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR





ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Jessica Dale Waters

upon successful completion of the requirements for

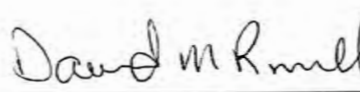
HAZARDOUS MATERIALS/WMD - OPERATIONS

Meets and/or exceeds NFPA 1072, Chapters 5, 6.2 & 6.6 of the 2017 Edition

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR



251632



ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Syble M. Pennington

upon successful completion of the requirements for

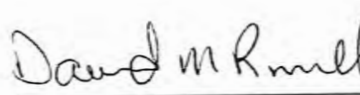
HAZARDOUS MATERIALS/WMD - AWARENESS

NFPA Standard: 1072 - Edition: 2017

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR





ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Syble M. Pennington

upon successful completion of the requirements for

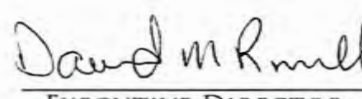
HAZARDOUS MATERIALS/WMD - OPERATIONS

Meets and/or exceeds NFPA 1072, Chapters 5, 6.2 & 6.6 of the 2017 Edition

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR



251629



ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Dalton Cain Hamby

upon successful completion of the requirements for

HAZARDOUS MATERIALS/WMD - OPERATIONS

Meets and/or exceeds NFPA 1072, Chapters 5, 6.2 & 6.6 of the 2017 Edition

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR



251627



ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Douglas William Hatten

upon successful completion of the requirements for

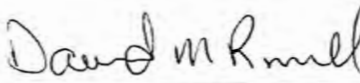
HAZARDOUS MATERIALS/WMD - OPERATIONS

Meets and/or exceeds NFPA 1072, Chapters 5, 6.2 & 6.6 of the 2017 Edition

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR





ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Dalton Cain Hamby

upon successful completion of the requirements for

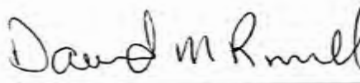
HAZARDOUS MATERIALS/WMD - AWARENESS

NFPA Standard: 1072 - Edition: 2017

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR





ALABAMA FIRE COLLEGE AND THE PERSONNEL STANDARDS AND EDUCATION COMMISSION

awards certification to

Douglas William Hatten

upon successful completion of the requirements for

HAZARDOUS MATERIALS/WMD - AWARENESS

NFPA Standard: 1072 - Edition: 2017

on the 4th day of November, 2022




COMMISSION CHAIRMAN


EXECUTIVE DIRECTOR



State of Alabama



Alabama Department of Environmental Management

This is to certify that

Anna N Spencer

having given satisfactory evidence of the necessary qualifications required by the laws of the State of Alabama is hereby granted this

Municipal Solid Waste Landfill Operator

certificate of competency to be effective this 15th day of August, 2022

Operator Number: LFOP00951

Pursuant to Section 22-27-12 of the Code of Alabama, this certificate is the property of the Alabama Department of Environmental Management


Permits and Services Division

State of Alabama



Alabama Department of Environmental Management

This is to certify that

Wesley Pate

having given satisfactory evidence of the necessary qualifications required by the laws of the State of Alabama is hereby granted this

Municipal Solid Waste Landfill Operator

certificate of competency to be effective this 20th day of May, 2022

Operator Number: LFOP00938

Pursuant to Section 22-27-12 of the Code of Alabama, this certificate is the property of the Alabama Department of Environmental Management

A handwritten signature in black ink, appearing to read "Donald A. Kelly".

Permits and Services Division

State of Alabama



Alabama Department of Environmental Management

This is to certify that

David Deyton

having given satisfactory evidence of the necessary qualifications required by the laws of the State of Alabama is hereby granted this

Municipal Solid Waste Landfill Operator

certificate of competency to be effective this 15th day of August, 2022

Operator Number: LFOP00950

Pursuant to Section 22-27-12 of the Code of Alabama, this certificate is the property of the Alabama Department of Environmental Management

A handwritten signature in black ink, appearing to read "Donald A. Kelly", written over a horizontal line.

Permits and Services Division

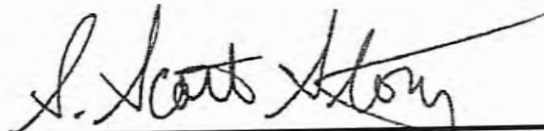
Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION
for
**ALABAMA LANDFILL OPERATOR
CERTIFICATION TRAINING COURSE**
Spring Forum

April 5, 2022

Jimmy Shiver

ATTENDEE



SOLID WASTE BRANCH CHIEF



Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION
for
**ALABAMA LANDFILL OPERATOR
CERTIFICATION TRAINING COURSE**
Spring Forum

April 5, 2022

JT Qualls

ATTENDEE

S. Scott Stony

SOLID WASTE BRANCH CHIEF



Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION
for
**ALABAMA LANDFILL OPERATOR
CERTIFICATION TRAINING COURSE**
Spring Forum

April 5, 2022

Eugene Philyaw

ATTENDEE

S. Scott Stony

SOLID WASTE BRANCH CHIEF



Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION
for
**ALABAMA LANDFILL OPERATOR
CERTIFICATION TRAINING COURSE**
Spring Forum

April 5, 2022

Joey Morris

ATTENDEE

S. Scott Stony

SOLID WASTE BRANCH CHIEF



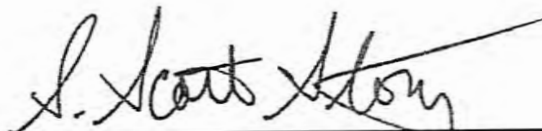
Alabama Department of Environmental Management

CERTIFICATE OF COMPLETION
for
**ALABAMA LANDFILL OPERATOR
CERTIFICATION TRAINING COURSE**
Spring Forum

April 5, 2022

Jonathan Bryars

ATTENDEE



SOLID WASTE BRANCH CHIEF



CERTIFICATE OF COMPLETION

This Certifies That

CHARLES STANFORD

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)


Jeffrey Fantell
Training Program Manager

02/08/2023
Course Completion Date



As an IACET Accredited Provider, LaBella Training
offers CEUs for its programs that qualify under the
ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

This Certifies That

Jimmy Shiver,

Has successfully completed the
Solid Waste Facility Operator Training Course:

07/21/2022 | Online | ALXFR | AL Transfer Station Operator Course

9 Hours



Jeffrey M. Fantell
Training Program Manager

07/21/2022

Course Completion Date



1604 Ownby Lane, Richmond, VA 23220
www.JoyceTrainingProgram.com
800-229-1182



As an IACET Accredited Provider, LaBella – Joyce Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.

CERTIFICATE OF COMPLETION

This Certifies That

RACHEL PHILYAW

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training
offers CEUs for its programs that qualify under the
ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

This Certifies That

Joey Morris,

Has successfully completed the
Solid Waste Facility Operator Training Course:

07/26/2022 | Mobile | ALXFR | AL Transfer Station Operator Course

9 Hours



Jeffrey M. Fantell
Training Program Manager

07/26/2022

Course Completion Date



1604 Ownby Lane, Richmond, VA 23220
www.JoyceTrainingProgram.com
800-229-1182



As an IACET Accredited Provider, LaBella – Joyce Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.

CERTIFICATE OF COMPLETION

This Certifies That

ROY KELLEY

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training
offers CEUs for its programs that qualify under the
ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

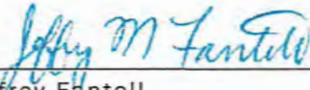
This Certifies That

JOEY MORRIS

Has successfully completed the
Training Course:

**SOLID WASTE MANAGEMENT FACILITY
CONTINUING PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 hours)



Jeffrey Fantell
Training Program Manager

11/8/2022

Course Completion Date



As an IACET Accredited Provider, LaBella Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

This Certifies That

Tom Hodges,

Has successfully completed the
Solid Waste Facility Operator Training Course:

07/26/2022 | Mobile | ALXFR | AL Transfer Station Operator Course

9 Hours



Jeffrey M. Fantell
Training Program Manager

07/26/2022

Course Completion Date



1604 Ownby Lane, Richmond, VA 23220
www.JoyceTrainingProgram.com
800-229-1182



As an IACET Accredited Provider, LaBella – Joyce Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.

CERTIFICATE OF COMPLETION

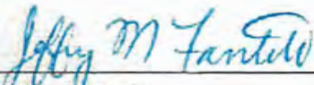
This Certifies That

MATT HARPER

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

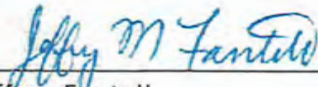
This Certifies That

AMY GALEMORE

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training
offers CEUs for its programs that qualify under the
ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

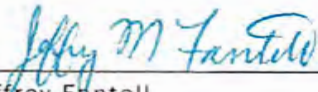
This Certifies That

SUZANNE DOUGHTY

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

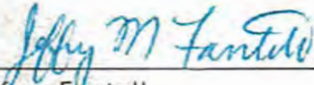
This Certifies That

ED FOX

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

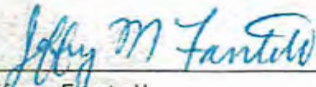
This Certifies That

ROBERT DAVIS

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

This Certifies That

BRIANNA DAVIS

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

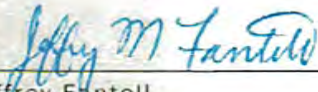
This Certifies That

RANDALL AARON

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

This Certifies That

Randall Aaron,

Has successfully completed the
Solid Waste Facility Operator Training Course:

07/21/2022 | Online | ALXFR | AL Transfer Station Operator Course

9 Hours



Jeffrey M. Fantell
Training Program Manager

07/21/2022

Course Completion Date



1604 Ownby Lane, Richmond, VA 23220
www.JoyceTrainingProgram.com
800-229-1182



As an IACET Accredited Provider, LaBella – Joyce Training offers CEUs for its programs that qualify under the ANSVIACET Standard.

CERTIFICATE OF COMPLETION

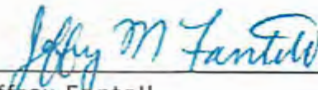
This Certifies That

JIMMY BRANNUM

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training
offers CEUs for its programs that qualify under the
ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

CERTIFICATE OF COMPLETION

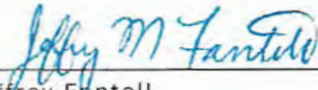
This Certifies That

JONATHAN BRYARS

Has successfully completed the
Training Course:

**LANDFILL OPERATOR CONTINUING
PROFESSIONAL EDUCATION
ALABAMA**

Awarded 0.9 CEUs (9 PDHs)



Jeffrey Fantell
Training Program Manager

02/08/2023

Course Completion Date



As an IACET Accredited Provider, LaBella Training offers CEUs for its programs that qualify under the ANSI/IACET Standard.



1604 Ownby Lane, Richmond, VA 23220
www.LaBellaPC.com/Training
804-355-4520

2022 SWANA Fall Forum

November 2-4, 2022

Presented by
Alabama Chapter of the Solid Waste Association of North America

Awarded to
Terri Graham

CE Credits Awarded 10

Larry Vinson, CAE

Larry Vinson, CAE

Jason Wilson, ADEM

Jason Wilson, ADEM

2022 SWANA Fall Forum

November 2-4, 2022

Presented by
Alabama Chapter of the Solid Waste Association of North America

Awarded to
Ed Fox

CE Credits Awarded 10

Larry Vinson, CAE

Larry Vinson, CAE

Jason Wilson, ADEM

Jason Wilson, ADEM

2022 SWANA Spring Seminar

April 4-6, 2022

Presented by
Alabama Chapter of the Solid Waste Association of North America

Awarded to

Ed Fox

CE Credits Awarded 10

Larry Vinson, CAE

Larry Vinson, CAE

Scott Story, ADEM

Scott Story, ADEM

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-5av	9.2.5	Training	Throughout the permit cycle, employees with MS4 duties will be provided stormwater training in regards to the County's Stormwater Management Program.	All	P&Z
Erosion & Sediment Control Training					
P&Z	Department				
	<i>Name</i>	<i>Training Description</i>	<i>Certification</i>	<i>Date</i>	
	Robert Brown	QCI	T7237	2/25/2023	
	Ashley Campbell	CPESC	4184	12/31/2023	
	Ben Guerrero	QCI	T7632	5/31/2024	
	Buford King	QCI	T7682	5/31/2024	
	Rebecca Peacock	QCI	T7631	5/31/2024	
	Vince Ramer	QCI	T0771	5/31/2023	
Highway	Department				
	<i>Name</i>	<i>Department</i>	<i>QCI Certification</i>	<i>Date</i>	
	Dylan Carlisle	Area 100	T3262	5/31/2024	
	James Bradley	Area 100	T7431	5/31/2024	
	Jeremy Howell	Area 100	T1348	5/31/2024	
	Joey Kelmer	Area 100	T2780	5/31/2024	
	Randy Black	Area 100	T7430	5/31/2024	
	Robert Gentry	Area 100	T3264	5/31/2024	
	Robert White	Area 100	T4158	5/31/2024	
	Rodney Howell	Area 100	T4158	5/31/2024	
	Brandon Fulton	Area 200	T7434	5/31/2024	
	Forrest Davis	Area 200	T7433	5/31/2024	
	Calvin Glass	Area 200	T7435	5/31/2024	
	James Allen	Area 200	T7433	5/31/2024	
	Pete Peterson	Area 200	T0797	5/31/2024	
	Adam Harville	Area 300	T7436	5/31/2024	

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

	<i>Name</i>	<i>Department</i>	<i>QCI Certification</i>	<i>Date</i>
	Charley Weekley	Area 300	T3269	5/31/2024
	Jeremy Ringler	Area 300	T7437	5/31/2024
	Dustin Thweatt	Construction	T4009	5/31/2024
	Matt Ulrich	Construction (Certificate Not Attached)	T5358	5/31/2023
	Todd Reed	Construction	T6010	5/31/2024
	Orie King	Maintenance	T6888	5/31/2024
	John Lundy	Permits	T0924	5/31/2024
	Josh Chiasson	Permits	T6939	5/31/2024
	Michael Campbell	Permits	T3560	5/31/2024
	Tyler Mitchell	QCP	PE36734	12/31/2023
	Seth Peterson	QCP	PE35635	12/31/2023
	Tucker Stuart	QCP	PE34877	12/31/2023
	Date	Training Topic	Location	
	2/23 & 24/2023	MBNEP Nature Base Solutions	Robertsdale	
	P&Z Staff Attendance			
	Mary Booth			
	Celena Boykin			
	Matthew Brown			
	Ashley Campbell			
	Buford King			
	Shawn Mitchell			
	Cory Rhodes			
Staff	Date	Training Topic	Location	
Ashley Campbell	5/2-6/2022	ICC Residential Building Inspector	Orange Beach	
Ashley Campbell	9/21-22/2022	ASWCC Clear Water Alabama-Creek to Coast	Daphne	

ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Robert Brown

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7237

EXP.05/31/24

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE





The
Application Review Committee
certifies that

Ashley Grace Campbell

Subscribes to the Code of Ethics and has met the requirements
Established by the CPESC Council as a

**Certified Professional in Erosion
and Sediment Control**

Certification No.: 4184

Certification Date: September 17, 2007

Chair, CPESC Council

Executive Director, CPESC, Inc.



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Ben Guerrero

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7632

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Buford King

Baldwin Co



Has successfully completed the certification requirements as a

QCI # T7682

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Vincent Ramer

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T0771

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Rebecca Peacock

Baldwin Co



Has successfully completed the certification requirements as a

QCI # T7631

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



7.9

Highway

QCI/QCP Training

ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Dylan Carlisle

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T3262

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

James Bradley

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7431

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Jeremy Howell

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T1348

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Joey Kelmer

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T2780

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Randy Black

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7430

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Robert Gentry

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T3264

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Robert White

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T4158

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Jeremy Howell

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T1348

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Brandon Fulton

Baldwin Co



Has successfully completed the certification requirements as a

QCI # T7435

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Forrest Davis

Baldwin Co



Has successfully completed the certification requirements as a

QCI # T7434

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Calvin Glass

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7436

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

James Allen

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7433

EXP.05/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Pete Peterson

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T0797

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Adam Harville

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7437

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Charley Weekley

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T3269

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink, appearing to read "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Jeremy Ringler

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T7438

EXP.5/31/2024

ALDOT QCI Trainer

Handwritten signature of Richard Klinger in blue ink.

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Dustin Thweatt

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T4009

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Todd Reed

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T6010

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Orie King

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T6888

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

John Lundy

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T0924

EXP.05/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Josh Chiasson

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T6939

EXP.5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



ALDOT Annual QCI Refresher Training

2023

4.00 Course Hours

Presented to:

Michael Campbell

Baldwin Co.



Has successfully completed the certification requirements as a

QCI # T3560

EXP. 5/31/2024

ALDOT QCI Trainer

A handwritten signature in blue ink that reads "Richard Klinger".

Richard Klinger, PE



NATURE-BASED STORMWATER SOLUTIONS WORKSHOP

FEBRUARY 23-24, 2023

**BALDWIN COUNTY CENTRAL ANNEX
ROBERTSDALE, ALABAMA**

1.0 CEU (10 HOURS)

Certificate of Attendance

Ashley Campbell

Approved for 0.1 (10 hours) of Continuing Education Units from Auburn University

Eve Brantley

Eve Brantley, PhD, Director of Auburn University Water Resources Center
Auburn University Extension Specialist and Professor



BALDWIN
COUNTY, ALABAMA



NATURE-BASED STORMWATER SOLUTIONS WORKSHOP

FEBRUARY 23-24, 2023

**BALDWIN COUNTY CENTRAL ANNEX
ROBERTSDALE, ALABAMA**

1.0 CEU (10 HOURS)

Certificate of Attendance

Mary Booth

Approved for 0.1 (10 hours) of Continuing Education Units from Auburn University

Eve Brantley

Eve Brantley, PhD, Director of Auburn University Water Resources Center
Auburn University Extension Specialist and Professor



BALDWIN
COUNTY, ALABAMA



NATURE-BASED STORMWATER SOLUTIONS

WORKSHOP

FEBRUARY 23-24, 2023

**BALDWIN COUNTY CENTRAL ANNEX
ROBERTSDALE, ALABAMA**

1.0 CEU (10 HOURS)

Certificate of Attendance

Shawn Mitchell

Approved for 0.1 (10 hours) of Continuing Education Units from Auburn University

Eve Brantley

Eve Brantley, PhD, Director of Auburn University Water Resources Center
Auburn University Extension Specialist and Professor



NATURE-BASED STORMWATER SOLUTIONS

WORKSHOP

FEBRUARY 23-24, 2023

**BALDWIN COUNTY CENTRAL ANNEX
ROBERTSDALE, ALABAMA**

1.0 CEU (10 HOURS)

Certificate of Attendance

Cory Rhodes

Approved for 0.1 (10 hours) of Continuing Education Units from Auburn University

Eve Brantley

Eve Brantley, PhD, Director of Auburn University Water Resources Center
Auburn University Extension Specialist and Professor



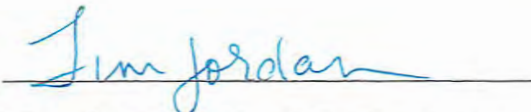
CERTIFICATE OF COMPLETION

IS AWARDED TO AND CERTIFIES THAT

HAS ATTENDED THE CLASSES AS NOTED ON THE REVERSE SIDE

**2022 COAA ANNUAL EDUCATIONAL CONFERENCE IN ORANGE BEACH, AL
MAY 2-6, 2022**





TIM JORDAN, PRESIDENT



PPP# 1051



SOIL &
WATER
CONSERVATION
COMMITTEE

**Alabama Soil and Water
Conservation Committee and
Alabama Erosion and Sediment
Control Partnership**



**Certificate of Training
Clear Water Alabama^{TN} 2022, Seminar
Daphne, Alabama
September 21, 2022**

This certifies that

Ashley Campbell

**Participated in today's program that involved technical training in erosion and sediment control
with 6.0 Contact hours = 0.60 CEUs, 6.0 PDHs or 6.0 PDUs**

This certificate and the Seminar Program can be used to document professional development.

Perry L. Oakes

**Perry L. Oakes
Erosion and Sediment Control Program Coordinator
Alabama Soil and Water Conservation Committee**

Ashley Campbell

Signature of participant



SOIL &
WATER
CONSERVATION
COMMITTEE

**Alabama Soil and Water
Conservation Committee and
Alabama Erosion and Sediment
Control Partnership**



**Certificate of Training
Clear Water AlabamaTM 2022, Field Site Visit
Baldwin County, Alabama
September 22, 2022**

This certifies that

Ashley Campbell

**Participated in today's program that involved technical training in erosion and sediment control
with 3.6 Contact hours = 0.36 CEUs, 3.6 PDHs or 3.6 PDUs**

This certificate and the Field Day Program can be used to document professional development.

**The Field Day plus the QCI session of the morning completes the mandatory 4-hour continuing education
requirement for individuals possessing existing QCI certification from the Home Builders Association of AL**

Perry L. Oakes

**Perry L. Oakes
Erosion and Sediment Control Program Coordinator
Alabama Soil and Water Conservation Committee**

Ashley Campbell

Signature of participant

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-5a</i>	9.2.6.	<i>Flood Management</i>	<i>Throughout the permit cycle, within the County's MS4 boundary, evaluate flood management projects and track data in annual report.</i>	<i>Storm Water</i>	<i>Building Inspections</i>
Project		Description			
None		None			

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-5aii	9.2.6.1	Community Rating System (CRS)	<i>During the permit cycle, track CRS public outreach and education activities and provide a summary in the annual report.</i>	Storm Water	P&Z
		Date	Event		
		10/4/2022	CRS Recertification		
		7/1/2022	Flood Insurance For Financial Protection Brochure		

DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency

CRS COMMUNITY CERTIFICATIONS

OMB Control Number: 1660-0022
Expiration: 10/31/2023

Community Baldwin County State AL CID 015000
(6-digit NFIP Community Identification Number)

Note: Please cross out any incorrect items, below, as needed, and insert the updated information.

CC-213 Recertification

Recertification due date October 15, 2022

Chief Executive Officer		CRS Coordinator	
Name	James E. Ball	DJ Hart	
Title	Chairman	CRS Coordinator	
Address	322 Courthouse Square Bay Minette, AL 36507	22251 Palmer Street Robertsdale, AL 36567	
Phone number	251-937-0264	(251) 580-1655 ext 7230	
E-mail address	Jeb.Ball@baldwincountyal.gov	DHart@baldwincountyal.gov	

I hereby certify that Baldwin County [community name] is implementing the following activities on the attached pages as credited under the Community Rating System and described in our original application to the CRS and subsequent modifications.

I hereby certify that, to the best of my knowledge and belief, we are in full compliance with the minimum requirements of the NFIP and we understand that we must remain in full compliance with the minimum requirements of the NFIP. We understand that at any time we are not to be in full compliance, we will retrograde to a CRS Class 10.

I hereby certify that we will continue to maintain FEMA Elevation Certificates on all new buildings and substantial improvements constructed in the Special Flood Hazard Area following the date at which we joined the CRS.

I hereby certify that if there are one or more repetitive loss properties in our community that we must take certain actions that include reviewing and updating the list of repetitive loss properties, mapping repetitive loss areas, describing the cause of the losses, and sending an outreach project to those areas each year, and if we have fifty (50) or more unmitigated repetitive loss properties we must earn credit under Activity 510 (Floodplain Management Planning) for either a repetitive loss area analysis (RLAA) or a floodplain management plan (FMP).

I hereby certify that, to the best of my knowledge and belief, we are maintaining in force flood insurance policies for insurable buildings owned by us and located in the Special Flood Hazard Area (SFHA) shown on our Flood Insurance Rate Map. I further understand that disaster assistance for any community-owned building located in the SFHA is reduced by the amount of National Flood Insurance Program (NFIP) flood insurance coverage (structure and contents) that a community should be carrying on the building, regardless of whether the community is carrying a policy.

Signature _____

(Chief Executive Officer)



Date _____

10/04/2022

CC-213-1

[continued on next page]

Community Baldwin County

State AL

CID 015000

(6-digit NFIP Community Identification Number)

Instructions

At the first verification visit after the effective date of the 2013 *CRS Coordinator's Manual*, ONLY LINES 6 AND 13 NEED TO BE COMPLETED. These lines form the baseline data about the number of buildings and area of the SFHA for when the table is completed as part of the next annual recertification. The "period covered" entered in line 16 is the date that lines 6 and 13 are first completed. At all subsequent annual recertifications and cycle verification visits, the entire table is completed. The information in lines 6 and 13 from the last report is transferred to lines 1 and 10 in the next report.

Instructions for the Columns

Column A numbers are for the SFHA (the A and V Zones shown on the Flood Insurance Rate Map) (FIRM)). Use the FIRM currently in effect, not a draft or pending revision.

Column B is completed only if the community receives CRS credit for regulating floodplain development outside the SFHA under Activity 410 (Floodplain Mapping) or Activity 430 (Higher Regulatory Standards).

Column C numbers help relate what happens in the floodplain to what is happening in the rest of the community. Enter "0" if there are no numbers to report for this period. Do not leave a cell blank. Do not fill in the shaded boxes.

Instructions for the Lines

Lines 1-7 deal with buildings.

- o Section 301.a of the *CRS Coordinator's Manual* defines what constitutes a "building" and lists examples of structures that are not counted as "buildings" by the CRS.
- o Section 302.a of the *CRS Coordinator's Manual* describes how the CRS counts buildings. For example, accessory structures are not counted.
- o As noted in Section 302.a, to determine building counts, communities may use any method that yields reasonably good estimates of the number of buildings. Examples of acceptable methods are listed in Section 302.a. Precision is less important for large numbers. For example, the impact of the numbers will not change much if there are 10,000 buildings or 10,100 buildings.
- o If a building is out of the SFHA, but in a parcel that is partly in the SFHA, it is not counted in column A --in the SFHA.
- o In line 14, note how the building counts were obtained or estimated. Use the comments area, if needed.

Line 4 refers to map revisions. These include physical map revisions, Letters of Map Revision (LOMR), and Letters of Map Amendment (LOMA). If a building is removed from the SFHA by FEMA through a LOMA, but the community still administers its floodplain management regulations on the property, the building should not be included in the line 4 count in column A --in the SFHA. However, communities that still regulate areas removed by LOMAs can receive credit under Activities 410 or 430. If the community is receiving such credit, the building should be counted under column B --in a regulated floodplain outside the SFHA.

Line 7 is for the total number of buildings that were substantially improved plus the number of buildings that were substantially damaged during the period covered.

Lines 10 -13 deal with areas.

- o These areas are based on the areas shown on the community's FIRM including LOMRs or LOMAs. Section 403.b discusses those portions of the SFHA that are subtracted from the area of the SFHA to calculate the community's aSFHA used in credit calculations.
- o Section 403.e of the *CRS Coordinator's Manual* discusses calculating areas for CRS purposes.
- o Section 403.e notes that communities "should not spend an inordinate amount of time measuring areas." As with buildings, communities may use any method that yields reasonably good estimates. Examples of acceptable approaches are listed in Section 403.e.
- o Line 13 asks for the current acreage of the SFHA. The best source for this number is a GIS layer that shows the SFHA. If the community does not have GIS, the county, regional agency, or state NFIP mapping office may have SFHA layers and may be able to provide the data. If the community has a relatively recent FIRM, the study contractor or consulting engineer may have the data.
- o In line 15, note how the area calculations were obtained or estimated. Use the comments area, if needed.

Lines 17 -19 are voluntary, if the numbers are readily available.

- o Line 17 includes replacing an existing manufactured home with a new one. The newly placed manufactured home is counted as a new, post-FIRM, building.
- o The total of lines 17 -19 should equal the value entered in line 2.

CC-213-3

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

- DGH 330 OP: We continue to conduct or provide all credited outreach projects.
- DGH 340 ODR: People looking to purchase flood prone property are being advised of the flood hazard through our credited hazard disclosure measures.
- DGH 350 LIB/LPD: Our public library continues to maintain flood protection materials.
- DGH 350 WEB: We continue to conduct an annual review and update of the information and links in our flood protection website.
- DGH 420 OSP: We continue to preserve our open space in the floodplain.
- DGH 420 LZ/OSI: We continue to enforce our ordinance(s) for low-density zoning and/or open space incentives. DGH *Initial here if you have changed the allowable density of development in any of your zoning districts, rezoned parcels in the floodplain or changed your open space incentives. **Attach a copy of the amended regulations, provide a summary of the changes, and mark up the regulation indicating what's been changed.***
- DGH 430: We continue to enforce the floodplain management provisions of our zoning, subdivision and building code ordinances for which we are receiving credit. DGH *Initial here if you have amended your floodplain regulations. **Attach a copy of the amended regulations, provide a summary of the changes, and mark up the regulations indicating what's been changed.***
- DGH 430 RA: We continue to enforce our procedures for administering our floodplain management regulations. If applicable, we also continue to employ CFMs and staff who took credited training courses. We currently have 6 CFMs on staff.
- DGH 440 AMD: We continue to use and update our flood data maintenance system on an annual basis as needed.
- DGH 502 RL: We currently have 410 repetitive loss properties and send our notice to 410 properties in the repetitive loss areas.
- DGH 502 RL: **Attached is a copy of this year's notice on property protection, flood insurance and financial assistance that we sent to our repetitive loss areas.**
- DGH 510 FMP: **Attached is a copy of our floodplain management plan's annual progress report for the action items contained in the plan.** We have included a progress report template for you to use (in the email notification) if you don't have one of your own.
- DGH 510 FMP/RLAA/FSP: We have provided copies of this/these progress report(s) to our governing board and local media.

ACTIVITY 320



BALDWIN COUNTY COMMISSION

PLANNING AND ZONING DEPARTMENT

September 1, 2022

TO WHOM IT MAY CONCERN:

Baldwin County participates in the National Flood Insurance Program which provides federally backed flood insurance in communities that enact and enforce floodplain regulations. In addition, Baldwin County participates in the Community Rating System (CRS) Program, with incentives to implement more stringent floodplain standards that as a result, rewards discounts on flood insurance premiums. To date, by participating in the program and actively being involved with various activities, Baldwin County has help reduce flood insurance policies by 15 percent in the unincorporated areas.

One of the activities involved with the Community Rating System Program is that Baldwin County provide information regarding the Flood Hazard to real estate agents, mortgage lending institutions, appraisers, contractors and the public. Enclosed is brochure providing minimum information on the flood hazard that we request you review and have available to the public.

If you have any questions or comments, or need additional brochures, please give me a call at 251.580-1655, ext. 7230.

Sincerely,

A handwritten signature in blue ink that reads "DJ Hart".

DJ Hart, CRS Coordinator

Community Rating System (CRS) Program

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

Baldwin County has been successful in achieving the Class 7 rating, reducing flood insurance premiums by 15% resulting in a savings to the citizens of the unincorporated areas of Baldwin County. A 10% discount is provided for non-SFHAs. Instead of paying higher premiums, the money saved hopefully stays in the community.

As of 2011 Baldwin County had 9,783 flood insurance policies in force which estimates to \$2,126,335,400 respectively. Since inception into the NFIP, there have been 6,985 losses paid totaling approximately \$204,410,128.

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

Baldwin County Commission

Community Rating System (CRS) Program

Administered by the

Baldwin County Planning & Zoning Department

2251 Palmer Street
Robertsdale, Alabama 36567
Telephone: 251.580-1655
Fax: 251.580-1656

www.planning.baldwincountyal.gov

Direct Contact:

dhart@baldwincountyal.gov

in conjunction with the

Baldwin County Highway Department

22070 Highway 59
Robertsdale AL 36567
Telephone: 251.937.0278

Emergency Management Agency

23100 McAuliffe Drive
Robertsdale AL 36567
Telephone: 251.972.6807

Building Inspection Department

201 East Section Street
Foley, Alabama 36535
Telephone: 251.972.6837

For Additional Information visit FEMA's website at:

<http://www.fema.gov>

Baldwin County Commission



**Don't Delay
Buy Now!**

**FLOOD
INSURANCE
FOR
FINANCIAL
PROTECTION**

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

July 2022

Floodplain Regulations and Local Flood Hazard Area & Flood Insurance Rate Maps

Baldwin County regulates construction and development in the floodplain to ensure that buildings will be protected from flood damage. Filling and similar projects are prohibited in certain areas. Houses substantially damaged by fire, flood, or any other cause must be elevated to or above the flood level when they are repaired.

Check for the Flood Hazard: Before you commit yourself to buying property, do the following:

- Ask the local building, zoning, or engineering department if the property is in a floodplain; if it has ever been flooded; what the flood depth, velocity, and warning time are; if it is subject to any other hazards; and what building and zoning regulations are in effect.
- Ask the real estate agent if the property is in a floodplain; if it has ever been flooded and if it is subject to any hazards, such as sewer backup or subsidence.
- Ask the seller and the neighbors if the property is in a floodplain, how long they have lived there, if the property has ever been flooded, and if it is subject to any other hazards.

The Baldwin County Inspection Department maintains FIRM maps. These maps are available for public inspection during normal business hours. They may also be viewed at your local library, also.

Upon written request, you may obtain a map of your property as it relates to a local flood hazard area. Contact the Baldwin County Planning & Zoning Department or visit their website at www.planning.baldwincountyal.gov.

Hurricane season officially begins on June 1. Property owners and renters are encouraged to purchase flood insurance policies as soon as possible to provide financial protection from floodwaters and storm surge.

The National Flood Insurance Program, administered by FEMA makes federally backed flood insurance available in communities that adopt and enforce floodplain management ordinances to reduce future flood losses. Flood damage, unlike wind damage, is not covered by a homeowner's policies. This coverage must be purchased separately and is available only in communities that participate in the NFIP.

Since Baldwin County is an NFIP community, federally backed flood insurance is available, with the exception of Coastal Barrier Resources Act (COBRA) areas along the Fort Morgan peninsula.

There is a 30-day waiting period before a new flood insurance policy becomes effective. There are two exceptions to the 30-day waiting period. First, there is no waiting period following the initial purchase of flood insurance when that purchase is in connection with making, increasing, extending or renewing a mortgage or construction loan; the policy will become effective upon loan closing. Secondly, there is no waiting period if the initial purchase occurs during the 13-month period following the revision or updating of a flood insurance rate map and in this case, the policy will go into effect at 12:01 a.m. the day after purchase.

All properties secured by a federally backed mortgage (FHA, VA, FNMA, etc.) must carry flood insurance. Within the COBRA area, the use of direct or indirect federal funding sources is prohibited. Private flood insurance may be available.

Flood Protection: A building can be protected from most flood hazards, sometimes at relatively low cost. New buildings and additions can be elevated above flood levels. Existing buildings can be protected from shallow floodwaters by regarding, berms, or floodwalls. There are other retrofitting techniques that can protect a building from surface or subsurface water.

SAVE DOLLARS

\$

BE SURE TO PURCHASE A FLOOD INSURANCE POLICY

Many people think they don't need flood insurance because the federal disaster assistance will bail them out. HOWEVER, floods are not always declared a federal disaster area. Even when they are, aid is usually in the form of a loan, which must be paid back with interest.

Flood insurance on the other hand, pays for all covered losses, and unlike loans, that money doesn't have to be paid back.

You can cover your home's structure for up to \$250,000, and its contents for up to \$100,000. For businesses, structural coverage is available up to \$500,000 and up to \$500,000 for contents.



Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
<i>Part III-5av</i>	9.2.5	<i>Training</i>	<i>Provide additional stormwater training (including information regarding facility SOGs) twice during permit cycle to employees with program responsibilities such as, street, and mowing crews.</i>	<i>All</i>	<i>P&Z</i>
Additional Training			Dates		
None for 2022/2023			None for 2022/2023		

Table 9-6 Baldwin County Phase II MS4
MCM 5 Pollution/Good Housekeeping Strategies and Goals

NPDES Permit Section	SWMPP Section	9-Pollution Prevention/Good Housekeeping Strategies	Goal	Pollution Targeted	Responsible Departments
Part III-5d	9.4	Program Evaluation	Throughout the permit cycle, review the PP/Good Housekeeping minimum control measure strategies and goals achieved and prepare an annual report and update the SWMPP	All	P&Z
2022/2023			Evaluation Comment:		
			The PP/GH MCM's goals have been met for the permit year.		
			1. After updating the inventory, during the remainder of this permit cycle the MS4 Facilities will assessed and if needed, SOGs created to address any potential for discharge of pollution.		
			2.Possible SOGs include but not limited to the following:		
			a. Road Maintenance		
			b. Mowing		
			c. Building Maintenance		
			d. Park Maintenance		