



REGULAR COMMITTEE OF THE WHOLE MEETING AGENDA

I. Roll Call

II. Consideration of Previous Minutes

1. Regular Council Meeting 04/07/2026
2. Committee of the Whole 04/07/2026

III. Unfinished Business

Miscellaneous

Resolutions

Ordinances

1. Discuss amendment to Recreational Vehicle Rentals Ordinance. (JL)

IV. New Business

Miscellaneous

1. Discuss Board of Adjustment appointment. (TK)

Resolutions

1. Resolution authorizing the execution of a professional services agreement with Volkert, Inc., for civil engineering, land surveying, and construction management services. (NW/CP)
2. Resolution authorizing the execution of a task order with Volkert, Inc., to evaluate improvement alternatives for the Baldwin Beach Express Bridge in an amount not to exceed \$55,899.20. (NW/CP)
3. Resolution authorizing the purchase of a Vehicle for the Public Works Department through State Bid from Stivers Ford Lincoln, Inc., in the amount of \$59,674. (TT)

4. Resolution approving the submission of the 2025 Municipal Water Pollution Prevention (MWPP) Annual Report. (KB/RS)
5. Resolution authorizing the execution of a task order with Foth Infrastructure & Environment, LLC, to perform engineered beach annual monitoring in the amount of \$59,200. (PW)

Public Hearings

1. Set a public hearing date for an ordinance amending Ordinance No. 172, the Zoning Ordinance, Case No. 0408-PUDA-26, Moondance PUD, Boat Slips. (Suggested date 5/19/2026) (GP)
2. Set a public hearing date for an ordinance amending Ordinance No. 172, the Zoning Ordinance, Case No. 0411-PUD-25, The Wharf Landing Residential District PUD. (Suggested date 5/19/2026) (GP)

Ordinances

V. Public Comments

VI. Adjourn

**MINUTES OF
REGULAR COUNCIL MEETING
ORANGE BEACH CITY COUNCIL
APRIL 7, 2026 – 5:00 P.M.
CITY HALL – COUNCIL CHAMBERS**

- I. CALL TO ORDER** Mayor Kennon called the meeting to order at 5:00 P.M.
- II. INVOCATION** Associate Pastor Bobby McNair, Worship on the Water
- III. PLEDGE OF ALLEGIANCE**
- IV. ROLL CALL**

Present: Councilmember Jeff Silvers
Councilmember Jack Robertson
Councilmember Ginger Harrelson
Councilmember Robert Stuart
Mayor Tony Kennon

Absent: Councilmember Jerry Johnson

V. CONSIDERATION OF AGENDA

Motion made (Silvers/Robertson) to approve the agenda as written. Vote unanimous in favor.
Motion passed.

VI. CONSIDERATION OF PREVIOUS MINUTES

Regular Council Meeting 03/03/2026
Committee of the Whole 03/03/2026

The reading was waived and minutes were approved as written.

VII. REPORTS OF OFFICERS/COMMITTEES

- 1. City Administrator – Ford Handley No report.
- 2. Director, Public Works – Tim Tucker No report.
- 3. Director, Community Development – Adam Roberson No report.
- 4. Chief, Police Department – Trent Johnson No report.
- 5. Chief, Fire Department – Jeff Smith No report.
- 6. City Clerk – Renee Eberly No report.
- 7. Director, Finance – Ford Handley No report.
- 8. Parks & Recreation – Nicole Ard No report.
- 9. Director, Utilities – Rob Stalcup No report.
- 10. Director, Coastal Resources – Phillip West No report.
- 11. Librarian, Public Library – Meagan Bing No report.
- 12. Director, Municipal Court – Pam Davis No report.
- 13. Director, Expect Excellence – Ford Handley No report.
- 14. Mayor/Council

Councilmember Silvers and Mayor Kennon applauded city staff for recent community Easter and park concert events.

Ford Handley, City Administrator, shared that the new ALDOT bridge will be opening immediately preceding Memorial Day weekend. Final construction work requires a three day detour through Gulf Shores sometime towards the end of May. Notice will be disseminated to the public through social media and other communication channels as information is made available by ALDOT.

VIII. AUDITING OF ACCOUNTS

Motion made (Harrelson/Silvers) to certify that cash requirements with no related interests are within budget and appropriate for payment. Vote revealed: Silvers, aye; Robertson, aye; Harrelson, aye; Stuart, aye; Kennon, aye. **Motion passed. (5-0).**

Motion made (Harrelson/Robertson) to certify that cash requirements with related interests in Swift Supply are within budget and appropriate for payment. Vote revealed: Silvers, abstain; Robertson, aye; Harrelson, aye; Stuart, aye; Kennon, aye. **Motion passed. (4-0-1).**

IX. PRESENTATIONS

1. Proclamation declaring May 9, 2026, as C.A.K.E. (Coastal Alabama Kid Entrepreneurs) Day. Renee Eberly, City Clerk, read the proclamation aloud. Greg Alexander, Coastal Alabama Business Chamber, accepted the proclamation, and stated that many of this year's Chamber events will be patriotically themed in celebration of America's 250th Anniversary.
2. Proclamation declaring April 2026 as Sexual Assault and Rape Awareness Month. Renee Eberly, City Clerk, read the proclamation aloud. Ester Milne accepted the proclamation on behalf of The Lighthouse.

X. RECOGNITIONS

XI. UNFINISHED BUSINESS

XII. NEW BUSINESS

Resolutions

1. Resolution appropriating funds to support the Safe Harbor Animal Coalition in the amount of \$10,000 for FY2026. **Motion made (Silvers/Robertson) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
2. Resolution authorizing the expenditure of funds received from opioid litigation settlements for the purchase of LUCAS Chest Compression System Devices. **Motion made (Stuart/Harrelson) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
3. Resolution authorizing the purchase of Three LUCAS Chest Compression System Devices for the Fire Department through Sourcewell from Stryker Sales, LLC, in the amount of \$59,819.88. **Motion made (Stuart/Robertson) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
4. Resolution authorizing the execution of a software service agreement with Governmentjobs.com, Inc., dba NEOGOV, for new employee background investigation services for the Police Department. **Motion made (Silvers/Robertson) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
5. Resolution authorizing execution of a performance contract with Saucy Fuzz for musical entertainment at the 2026 Orange Beach Nest Fest. **Motion made (Harrelson/Stuart) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
6. Resolution rejecting all bids for a Burn Tower with Installation at the Fire Training Facility. **Motion made (Stuart/Robertson) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**

7. Resolution awarding the bid for Tennis Court Resurfacing and Cabana Installation to American Tennis Courts, Inc., in an amount not to exceed \$93,572. **Motion made (Stuart/Robertson) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
8. Resolution authorizing the execution of a performance contract with Mack Tucker for golf instruction services. **Motion made (Robertson/Stuart) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
9. Resolution accepting a proposal from Byers, Byers & Associates, P.C., for FY2025 auditing services in an amount not to exceed \$79,850. **Motion made (Silvers/Robertson) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
10. Resolution authorizing the execution of an agreement with the Pensacola and Perdido Bays Estuary Program, Inc., for implementation of the water quality monitoring collaborative network project. **Motion made (Silvers/Harrelson) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
11. Resolution authorizing execution of a change order to accept partial credits on Two Ambulances and add the purchase of Two Ambulance Cots for the Fire Department from Safe Industries in an additional amount not to exceed \$27,278. **Motion made (Silvers/Stuart) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
12. Resolution authorizing the Mayor to negotiate the terms of the sale of the Orange Beach Event Center at the Wharf. **Motion made (Silvers/Stuart) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
13. Resolution authorizing the Mayor to negotiate the purchase of real property. **Motion made (Robertson/Harrelson) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
14. Resolution authorizing execution of a performance agreement with McLean Motor Sports Productions, LLC, for a Spring 2026 "Bama Coast Cruisin'" car show event. **Motion made (Stuart/Harrelson) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**
15. Resolution authorizing the execution of a licensed training provider agreement with the American National Red Cross for the Orange Beach Aquatics Center. **Motion made (Harrelson/Silvers) to adopt the resolution.** Vote unanimous in favor. **Motion passed.**

Ordinances

1. First Reading – Ordinance declaring the Orange Beach Event Center at the Wharf as unneeded city-owned real property for municipal purposes and authorizing the disposition thereof. **Motion made (Silvers/Stuart) for unanimous consent to suspend the rules to allow for immediate consideration of this ordinance.** Roll call vote revealed: Silvers, aye; Robertson, aye; Harrelson, aye; Stuart, aye; Kennon, aye. **Motion passed. (5-0).** **Motion made (Silvers/Stuart) to adopt the ordinance.** Roll call vote revealed: Silvers, aye; Robertson, aye; Harrelson, aye; Stuart, aye; Kennon, aye. **Motion passed. (5-0).**

XIII. PUBLIC COMMENTS

None

XIV. ADJOURN

There being no further business to come before the council, motion made (Stuart/Silvers) to adjourn. Vote unanimous in favor.

Time: 5:23 P.M.

APPROVED this the 6th day of May, 2026.

Renee Eberly
City Clerk

**MINUTES OF
COMMITTEE OF THE WHOLE MEETING
ORANGE BEACH CITY COUNCIL
APRIL 7, 2026 – 5:17 P.M.
CITY HALL – COUNCIL CHAMBERS**

The Orange Beach City Council met to review potential items for the April 7, 2026, agenda.

The following members were present:

Councilmember Jeff Silvers
Councilmember Jack Robertson
Councilmember Ginger Harrelson
Councilmember Robert Stuart
Mayor Tony Kennon

The following members were absent:

Councilmember Jerry Johnson

The following items were discussed:

1. Approval of Fiscal Year 2024 audited financial statements.
2. Reschedule and relocate Council and Committee of the Whole Meetings on May 5, 2026, to May 6, 2026, at the Performing Arts Center.
3. Discuss School Board appointment. Councilmember Stuart stated his concern stemming from rumors regarding low ACT scores, and asked to see the data. Councilmember Silvers stated that Dr. Nelson Bauer is willing to serve again, and acknowledged interest shown by others who are also willing to serve.
4. Discuss amendment to Recreational Vehicle Rentals Ordinance. Jamie Logan, City Attorney, stated that she is working on a draft.
5. Resolution authorizing execution of a fourth amendment to the grant award agreement with the National Audubon Society for the stewardship of Coastal Alabama beach nesting bird habitat.
6. Resolution authorizing execution of a professional services agreement with DeRhonda Ponder for special needs aide services for the Expect Excellence program.
7. Resolution amending the Employees Pay Plan/Job Listing to implement changes recommended by the Comprehensive Classification and Total Compensation Study.
8. Resolution awarding the bid for Rifle Range Site Work at the Shooting Complex. Phillip West, Coastal Resources Director, answered questions from Council clarifying the scope of the project and current operating hours.
9. Resolution authorizing the execution of a Memorandum of Understanding between the Orange Beach Fire Rescue Department and the Escambia County Fire Rescue Department.
10. Resolution appropriating funds to the Baldwin County District Attorney's Foundation to sponsor the 2026 Paddles for a Purpose Pickleball Tournament. Council discussed a sponsorship in the amount of \$5,000.
11. Resolution authorizing the City of Orange Beach to join as a participant in current and future opioid settlements.
12. Resolution authorizing the execution of a purchase agreement for the sale of the Orange Beach Event Center at the Wharf.
13. Resolution authorizing the execution of a State-Subrecipient Disaster Assistance Agreement with the State of Alabama for an Orange Beach First Responder Hurricane Safe Room.

14. Resolution authorizing execution of a professional services agreement with Heidi Lemon for 2026 Summer Theater Camp.
15. Resolution authorizing execution of a professional services agreement with Gerald Mills for 2026 Summer Theater Camp.
16. Resolution authorizing the execution of a use agreement with the City of Foley for safety barricades for the 2026 Hot Air Balloon Festival.
17. Resolution authorizing execution of an agreement for consulting services with Orion Planning + Design to update the Orange Beach Zoning Ordinance in an amount not to exceed \$163,540.
18. Resolution authorizing the execution of a task order with AECOM Technical Services, Inc., for a traffic signal study at the intersection of SR-161 and Terry Cove Drive to enhance pedestrian accommodations and crossing safety in an amount not to exceed \$17,400.
19. Resolution authorizing execution of a software service renewal agreement with ZAPP Software, LLC, for the 2026 Freedom Fest, 2027 Seafood Festival, and 2027 Festival of Art.
20. Resolution authorizing the purchase of a Video Surveillance System at the Pickleball Courts for the Parks and Recreation Department through State Bid from Vision Security Technologies Inc. in the amount of \$42,116.18.
21. Resolution authorizing the purchase of an Access Control System at the Softball/Baseball Locker Room for the Parks and Recreation Department through State Bid from Vision Security Technologies Inc. in the amount of \$4,626.86.
22. Reschedule public hearing and first reading for an ordinance amending Ordinance No. 172, the Zoning Ordinance, Case No. 0403-PUD-26, Pirates Voyage PUD set for April 21, 2026. Public hearing rescheduled to June 2, 2026.
23. Set a public hearing date for an ordinance amending Ordinance No. 172, the Zoning Ordinance, Case No. 0406-PUDA-26, Buena Vista PUD Minor Modification, Lot 72. Public hearing set for May 19, 2026.
24. Reminder: Public hearing and first reading for an ordinance amending Ordinance No. 172, the Zoning Ordinance, Case No. 0401-CU-26, Bayside Orange Beach Garages, Phase 2 Conditional Use Approval on April 21, 2026.
25. Ordinance providing for the continued local recognition of State Routes within the City of Orange Beach.

Public Comments:

1. Renee Eberly, City Clerk, stated that there has been a great deal of public interest in a proposed Pirates Voyage development project. She advised residents to attend the Town Hall scheduled for May 6, 2026, which will be the first opportunity for public discussion on the topic.
2. Ford Handley, City Administrator, announced that preliminary studies are underway to add a pedestrian crosswalk at the light by City Hall.

There being no further business, the meeting adjourned.

Time: 5:48 P.M.

APPROVED this 6th day of May, 2026.

Renee Eberly
City Clerk



**REGULAR COMMITTEE OF THE WHOLE MEETING
APRIL 21, 2026**

Departments: City Clerk

Description of Topic: Discuss amendment to Recreational Vehicle Rentals Ordinance.
(JL)

Background/Description: Reference: City Code Chapter 50, Article XIII, "Recreational Vehicle Rentals"

Action Options/Recommendation:

Source of Funding (if applicable):

ATTACHMENTS:

None



**REGULAR COMMITTEE OF THE WHOLE MEETING
APRIL 21, 2026**

Departments: City Clerk

Description of Topic: Discuss Board of Adjustment appointment. (TK)

Background/Description:

Action Options/Recommendation:

Source of Funding (if applicable):

ATTACHMENTS:

None



**REGULAR COMMITTEE OF THE WHOLE MEETING
APRIL 21, 2026**

Departments: City Clerk

Description of Topic: Resolution authorizing the execution of a professional services agreement with Volkert, Inc., for civil engineering, land surveying, and construction management services. (NW/CP)

Background/Description:

Action Options/Recommendation:

Source of Funding (if applicable):

ATTACHMENTS:

1. 05-06-26 26-xxx Authorize Professional Services Agreement Volkert
2. 2026.04.10 Professional Services Agreement Volkert

RESOLUTION NO. 26-xxx

**A RESOLUTION AUTHORIZING THE EXECUTION OF A
PROFESSIONAL SERVICES AGREEMENT WITH
VOLKERT, INC., FOR CIVIL ENGINEERING,
LAND SURVEYING, AND CONSTRUCTION MANAGEMENT SERVICES**

FINDINGS:

1. The City of Orange Beach and Volkert, Inc., have reached an agreement (attached Exhibit A) whereby Volkert, Inc., will provide civil engineering, land surveying, and construction management services for the City of Orange Beach.
2. After having reviewed the agreement, the City Council has determined that the provisions are in the best interest of the City of Orange Beach, Alabama.
3. The term of this agreement shall be for twenty-four (24) months from the date of adoption by the Orange Beach City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ORANGE BEACH, ALABAMA, AS FOLLOWS:

1. That the Mayor is hereby authorized to execute the agreement in substantially the form and of substantially the content now before the Council between the City of Orange Beach and Volkert, Inc., as an act for and on behalf of the City of Orange Beach subject to final approval by the City Attorney; and
2. That this Resolution shall become effective immediately upon its adoption.

ADOPTED THIS 6th DAY OF MAY, 2026.

Renee Eberly
City Clerk

C E R T I F I C A T E

I, Renee Eberly, City Clerk of the City of Orange Beach, Alabama, do hereby certify that the foregoing is a true and correct copy of Resolution No. 26-xxx, which was duly and legally adopted at a regular meeting of the City Council on May 6, 2026.

City Clerk

PROFESSIONAL SERVICES CONTRACT

THIS PROFESSIONAL SERVICES CONTRACT (hereinafter “Agreement”) is made and entered into by and between the City of Orange Beach, an Alabama Municipal Corporation (hereinafter “City”), and Volkert, Inc. (hereinafter “Contractor”), as follows:

WHEREAS, Contractor is engaged in the business of providing civil engineering, land surveying, and construction management services;

WHEREAS, City desires to engage Contractor to provide said services upon the following terms and conditions;

NOW THEREFORE,

WITNESSETH:

City and Contractor, for and in consideration of the mutual covenants and agreements hereinafter set forth to be kept and performed by the other, and other good and valuable consideration, the receipt and sufficiency of all of which are hereby acknowledged, do hereby covenant and agree as follows:

I. SERVICES TO BE PERFORMED

Contractor agrees to perform civil engineering, land surveying, and construction management services, and to represent the City as requested as their Consultant on a variety of assigned projects. Each project will be assigned to Contractor in the form of a written Task Order describing the scope of work. A copy of this Agreement shall be attached to each Task Order.

Contractor agrees to perform services that may include, but not be limited to: land surveying – boundary, topographic, as-built, hydrographic, ALTA/ACSM land title, route, and/or construction layout/staking; civil engineering – civil site plans, grading/drainage plans, utility design/plans, roadway design/plans, CE&I and cost estimating; construction management; and project management, as required by the City, and other services as requested.

II. COMPENSATION

Fees for work completed and reimbursable expenses will be invoiced to the City on a monthly basis, based on the following hourly rate schedule.

[Click here to enter text.](#)

III. TERM OF AGREEMENT

Unless terminated earlier in accordance with the termination provisions of this Agreement, the term of this Agreement shall commence upon its adoption by the Orange Beach City Council and shall continue thereafter for twenty-four (24) months.

IV. GENERAL PROVISIONS

- A. Contractor agrees to permit at all reasonable times and places an audit of its books and records related to its provision of the services set forth herein by City’s duly authorized representatives.
- B. Notwithstanding any of the provisions of this Agreement, it is agreed that City has no financial interest in the business of Contractor and shall not be liable for any debts or obligations incurred by Contractor, nor shall City be deemed or construed to be a partner, joint venture or otherwise interested in the assets of Contractor, or in the sums earned or derived by Contractor, nor shall Contractor at any time or times use the name or credit of City in purchasing or attempting to purchase any car, equipment, supplies or other thing or things whatsoever.

- C. Contractor shall act as a representative of the City, under the direct supervision of the City. Contractor shall have no authority to obligate the City in any way whatsoever. In the performance of his duties, the Contractor shall be deemed an independent contractor.
- D. Contractor acknowledges that its identity and peculiar capacity to provide the services described hereinabove constitute a material consideration for City's having entered into this Agreement. Therefore, Contractor shall not transfer or assign this Agreement or any of the rights or privileges granted herein without the prior written consent of City; which such consent shall be granted or denied solely at City's discretion.
- E. Contractor hereby agrees to comply with all applicable ordinances of the City of Orange Beach, Alabama, and the laws of the State of Alabama and of the United States while performing its obligations under the terms of this Agreement.
- F. Contractor agrees that upon the violation of any of the covenants and agreements herein contained, on account of any act or omission or commission of Contractor, City may, at its option, terminate and cancel this Agreement.
- G. Contractor agrees that it will comply with Title 6 of the Civil Rights Act of 1964 which provides that no person will be excluded from participation in, or be denied benefits of, or otherwise be subjected to discrimination on the grounds of race, sex, color, national origin, or disability, in connection with federally funded programs.
- H. City may terminate this Agreement with or without cause at any time by giving written notice to Contractor of such termination (herein called a "Notice of Termination"), specifying the effective date thereof not less than thirty (30) calendar days before the effective date of the termination. Contractor shall have the right to terminate this Agreement by giving City written notice and remaining in service for a sufficient time to allow City to seek a suitable replacement. Should Contractor be terminated pursuant to the terms of this subpart, then this Agreement shall terminate on the last day of Contractor's current month of employment and City shall not be liable for any compensation beyond that date.
- I. Contractor agrees to indemnify and hold the City, its elected officials, officers, agents, and employees whole and harmless from all costs, liabilities and claims for damages of any kind to the extent caused by the negligent acts, errors or omissions of the contractor in performance of this Agreement for which the City is alleged to be liable. In the event the City, through no fault of its own, is made a party to any lawsuit or legal proceeding to the extent caused by the Contractor's negligent acts, errors or omissions or breach of its Standard of Care in performing under this Agreement, Contractor agrees to indemnify and hold the City harmless for all costs, including reasonable attorneys' fees and expenses, associated with same. This indemnification extends only to third party claims and actions filed against the City as a result of any negligent actions by the Contractor under this Agreement. This duty shall survive the termination of this contract.
- J. All notices of cancellation, requests, demands, or other communications shall be in writing and duly delivered to the following address for City at:

Renee Eberly, City Clerk
P.O. Box 458
Orange Beach, Alabama 36561
Copy to: City Attorney

And to Contractor at:

Volkert, Inc.
1680 West 2nd Street, Suite B
Gulf Shores, AL 36542

- K. This Agreement is the final expression of the agreement between the parties, and the complete and exclusive statement of the terms agreed upon, and shall supersede all prior negotiations, understandings, or agreements. There are no representations, warranties, or stipulations, either oral or written, not contained herein.
- L. Any alterations, variations, modifications, or waivers of the provisions of this Agreement shall only be valid when they have been reduced to writing and signed by authorized representatives of the party against whom enforcement is sought.
- M. The provisions of this Agreement shall be deemed severable. If any part of this Agreement is rendered void, invalid or unenforceable, such rendering shall not affect the enforceability of the remainder of this Agreement unless the part or parts which are void, invalid or otherwise unenforceable shall substantially impair the value of the entire agreement with respect to any party.
- N. This Agreement shall be governed by the laws of the State of Alabama, and the appropriate venue for any actions arising out of this Agreement shall be Baldwin County, Alabama.
- O. Contractor shall obtain, at its own expense, all necessary licenses, permits, insurance, authorization and assurances necessary in order to abide by the terms of this Agreement.

V. INSURANCE

For the term of this Agreement, the Contractor shall acquire and maintain in full force and effect the following liability and comprehensive insurance issued by a company licensed and authorized to do business in the State of Alabama, which such General Liability insurance shall name the City of Orange Beach as an additional insured, and shall attach to this contract, as proof thereof, a certificate of insurance issued by an agent licensed and authorized to do business in the State of Alabama:

Worker's Compensation – as required by State of Alabama law

General Liability Insurance – public liability including premises, products, complete operations and automobile comprehensive and liability, including owned, non-owned, and hired vehicles.

Either:

- (1) Bodily injury liability
 - \$250,000 each person
 - \$500,000 each occurrence
- Property damage liability
 - \$100,000 each occurrence

Or,

- (2) Bodily injury and property damage combined
 - \$500,000 per occurrence

Professional Errors and Omissions – coverage limits of \$3,000,000 each claim and policy aggregate, an extended discovery period to apply for at least two (2) years after work is accepted by the City of Orange Beach, and a deductible not to exceed \$10,000 for which the Contractor will remain solely responsible.

If the certificate of insurance referenced in this Agreement does not evidence insurance of owned vehicles, said certificate and this sentence shall evidence the Contractor's covenant that it does not own any vehicles and that it will not purchase or obtain any vehicles during the term of this Agreement.

Said certificate shall require that said insurance will not be altered or terminated unless City shall be given written notice of such alteration or termination delivered to City not less than thirty (30) days before the effective date of such alteration or termination.

VI. CONFIDENTIALITY

Contractor (including its employees, agents, subcontractors) acknowledges that all confidential business and personal information ("Protected Information") that it may obtain while performing services for the City, is deemed confidential and proprietary to the City. During Contractor's tenure with the City, Contractor agrees to use Protected Information only as required to perform its services on behalf of the City. Contractor will not disclose Protected Information to any person or entity without the prior written consent of the City and the written agreement of any third party. Contractor agrees to refer any request for public information or records to the City Clerk, who is the custodian of records for the City and is responsible for the disclosure of public records in accordance with the public records laws of the state. Contractor agrees that it will not duplicate or incorporate Protected Information into its own records or databases and that after the conclusion of its services to the City all Protected Information in the Contractor's possession will be turned over to the City. Contractor agrees not to disclose, use, transfer, or transmit the information to any person or entity for any purpose whatsoever. This includes records, passwords, access codes, manuals, statistics, software, audio/video recordings, or storage disks of any kind containing Protected Information.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this the _____ day of _____, 20_____.

CITY OF ORANGE BEACH, A Municipal Corporation

By: _____
Mayor Tony Kennon

ATTEST:

City Clerk

CONTRACTOR:

Volkert, Inc.

By: _____
Harold Eubanks

Its: Principal

STATE OF ALABAMA
COUNTY OF BALDWIN

I, the undersigned Notary Public in and for said County in said State, hereby certify that Tony Kennon and Renee Eberly, whose names as Mayor and City Clerk, respectively, of the City of Orange Beach, a Municipal Corporation, are signed to the foregoing agreement, and who are known to me, acknowledged before me on this day, that, being informed of the contents of the above and foregoing, they, as such officers and with full authority, executed the same voluntarily for and as the act of said municipal corporation on the day the same bears date.

Given under my hand and seal this the _____ day of _____, 2026.

(SEAL)

Notary Public
State of Alabama At-Large
My Commission Expires: _____

STATE OF ALABAMA
COUNTY OF _____

I, the undersigned Notary Public, in and for said county in said state, hereby certify that Harold Eubanks, whose name as Principal of Volkert, Inc., an Alabama Incorporated Company, is signed to the foregoing agreement, and who is known to me, acknowledged before me on this day that, being informed of the contents of the above and foregoing agreement, he as such officer and with full authority, executed the same voluntarily for and as the act of said corporation on the day the same bears date.

Given under my hand and seal this the _____ day of _____, 2026.

(SEAL)

Notary Public
State of Alabama At-Large
My Commission Expires: _____



**REGULAR COMMITTEE OF THE WHOLE MEETING
APRIL 21, 2026**

Departments: City Clerk

Description of Topic: Resolution authorizing the execution of a task order with Volkert, Inc., to evaluate improvement alternatives for the Baldwin Beach Express Bridge in an amount not to exceed \$55,899.20. (NW/CP)

Background/Description:

Action Options/Recommendation:

Source of Funding (if applicable):

ATTACHMENTS:

1. 05-06-26 26-xxx Authorize Task Order Volkert Beach Express Alternative Route Concept
2. 2026.03.27 Task Order Volkert Beach Express Alternative Route Concept

RESOLUTION NO. 26-xxx

**A RESOLUTION AUTHORIZING THE EXECUTION OF A
TASK ORDER WITH VOLKERT, INC.
TO EVALUATE IMPROVEMENT ALTERNATIVES FOR THE
BALDWIN BEACH EXPRESS BRIDGE
IN AN AMOUNT NOT TO EXCEED \$55,899.20**

FINDINGS:

1. The Orange Beach City Council, by Resolution No. 26-__ adopted _____, approved a contract with Volkert, Inc., to perform certain engineering services (“the Contract”).
2. The Contract authorized work to be assigned by one or more task orders approved from time to time by the City Council.
3. The City Engineer has submitted a task order (attached Exhibit A) for Council approval.
4. The proposed Task Order requires Volkert, Inc., to evaluate improvement alternatives for the Baldwin Beach Express Bridge located in Orange Beach, Alabama.
5. The scope of work described in the Task Order is authorized by the Contract and furthers public health, safety, and welfare.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ORANGE BEACH, ALABAMA, AS FOLLOWS:

1. That the Mayor is hereby authorized to execute the Task Order as presented to Council between the City of Orange Beach and Volkert, Inc., on behalf of the City of Orange Beach subject to final approval by the City Attorney;
2. That the City Council authorizes payment in an amount not to exceed \$55,899.20 to Volkert, Inc., to complete the Task Order as presented; and
3. That this Resolution shall become effective immediately upon its adoption.

ADOPTED THIS 6th DAY OF MAY, 2026.

Renee Eberly
City Clerk

C E R T I F I C A T E

I, Renee Eberly, City Clerk of the City of Orange Beach, Alabama, do hereby certify that the foregoing is a true and correct copy of Resolution No. 26-xxx, which was duly and legally adopted at a regular meeting of the City Council on May 6, 2026.

City Clerk

Volkert, Inc.
1680 West 2nd Street, Suite B
Gulf Shores, AL 36542
(251) 968-7551
www.volkert.com



March 27, 2026

VIA E-Mail

Nicole Woerner
Deputy *Director* | Coastal Resources
City of Orange Beach
P. O. Box 458 | 4697 Walker Avenue
Orange Beach, AL 36561

RE: Baldwin Beach Express Bridge - Conceptual Design Proposal

Dear Ms. Woerner:

Attached please find a digital copy of our engineering design proposal to provide preliminary engineering and conceptual design services to evaluate improvement alternatives for the Baldwin Beach Express Bridge located in Orange Beach, Alabama.

The proposal is submitted for your review and comment. Volkert appreciates the opportunity to assist the City of Orange Beach with this important transportation planning effort. Should you have any questions, comments, or require additional information, please do not hesitate to contact us.

Upon acceptance of the proposed scope of services and associated fee, Volkert will prepare our standard professional services agreement for your review and execution.

We appreciate your consideration and look forward to the opportunity to work with the City on this project.

Sincerely,
VOLKERT, INC.

A handwritten signature in blue ink, appearing to read 'Samuel J. Palmer Jr.', written over a light blue circular stamp.

Samuel. J. Palmer Jr.
Project Manager

SJP/
Attachments

ENGINEERING FEE PROPOSAL

Volkert Project Number: TBD

Project Description: Baldwin Beach Express Bridge Conceptual Design

Project Location: Orange Beach, Alabama

Client: City of Orange Beach

Date: March 27, 2026



PROJECT DESCRIPTION: Baldwin Beach Express Bridge Conceptual Design
(Engineering Services)

INDEX

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PROJECT DESCRIPTION: Baldwin Beach Express Bridge Conceptual Design
(Engineering Services)

PROJECT INTRODUCTION & SCOPE

Project Description – Baldwin Beach Express Bridge Conceptual Design

This project consists of providing preliminary engineering and conceptual design services to evaluate improvement alternatives for the Baldwin Beach Express Bridge located in Orange Beach, Alabama. The purpose of the design concepts is to identify feasible infrastructure improvements that enhance traffic capacity, operational efficiency, and safety while supporting anticipated future traffic demands and seasonal peak volumes.

The project will develop and evaluate two improvement concepts focused on increasing roadway capacity and improving connectivity at the bridge and its approaches. Each concept will be advanced to a sufficient level of detail to allow meaningful comparison of feasibility, cost, constructability, and implementation timelines.

Concept 1 – Widening of the Existing Bridge

This concept evaluates widening the existing Foley Beach Express Bridge to increase capacity and improve traffic flow across the bridge and its approaches. The concept focuses on expanding the existing structure and roadway configuration to accommodate four lanes.

Scope elements associated with Concept 1 include:

- Expansion of the existing bridge structure to a four-lane (4-lane) configuration
- Reconfiguration and widening of the roadway approach segments on both sides of the bridge
- Preparation of typical sections for the bridge and roadway approaches
- Conceptual evaluation of structural modifications required to support bridge widening
- Development of preliminary construction cost estimates
- Development of a high-level design and construction timelines

Concept 2 – Construction of a New Parallel Bridge

This concept evaluates construction of a new bridge structure adjacent to the existing bridge to provide increased capacity and improved operational performance. The concept includes a new four-lane divided roadway system and modifications to approach roadways and adjacent intersections.

Scope elements associated with Concept 2 include:

- Conceptual alignment and layout for a new parallel bridge structure
- Development of a new four-lane roadway segment connecting to the bridge approaches
- Preparation of conceptual horizontal roadway alignments
- Conceptual intersection layouts to accommodate revised traffic patterns
- Preparation of typical roadway and bridge sections
- Development of plan view, profile, and exhibit-quality graphics suitable for stakeholder review
- Preparation of preliminary construction cost estimates at a conceptual planning level
- Development of a high-level design and construction schedule

PROJECT DESCRIPTION: Baldwin Beach Express Bridge Conceptual Design
(Engineering Services)

PROPOSED SERVICES (LUMP SUM)

Task 1 – Design Development

The Conceptual Design Development task will include the engineering analysis and preliminary design efforts necessary to develop, evaluate, and compare the two bridge improvement concepts described herein. The work will advance each alternative to a level appropriate for conceptual evaluation and comparison, without progressing into final design.

This task will focus on developing conceptual geometry, layouts, and exhibits that clearly illustrate potential bridge and roadway configurations and their associated impacts. Engineering judgment will be applied consistent with the preliminary nature of this phase to assess feasibility, constraints, and relative advantages of each alternative.

The information developed under this task will be used by the City to evaluate potential future bridge and roadway improvements within the Foley Beach Express corridor and to determine whether one or more alternatives should be carried forward into subsequent design phases.

The work will be performed within the ALDOT right-of-way limits and will be prepared in general conformance with applicable AASHTO guidelines and ALDOT standards suitable for conceptual design.

PROJECT DELIVERABLES

The project will result in a conceptual design package for each alternative, including:

- Conceptual roadway and bridge layout exhibits
- Typical roadway and bridge sections
- Preliminary, planning-level construction cost estimates
- Conceptual design and construction schedules
- Summary documentation outlining key advantages, constraints, assumptions, and considerations for each alternative

These deliverables will support informed decision-making by the City regarding future advancement of a preferred alternative into subsequent final design phases.

PROJECT DESCRIPTION: Baldwin Beach Express Bridge Conceptual Design
(Engineering Services)

ANTICIPATED SCHEDULE

Submission of Initial Conceptual Exhibits:	10 Weeks After Project Approval
Incorporation of Review Comments and Updated Exhibits:	2 Weeks After Initial Review
Total Anticipated Duration	12 Weeks

EXCLUSIONS AND DESIGN CRITERIA

This proposal does not include the preparation of final construction plans, specifications, or bid documents. The scope of work is limited to preliminary engineering and conceptual-level design services only.

All design concepts will be developed in general conformance with applicable AASHTO guidelines and ALDOT standards, as appropriate for conceptual design.

Any service not specifically described or identified within this document shall be considered excluded from the scope of services for this Task Order. Excluded services will not be performed under this Task Order but may be added at the request of the Owner through a written amendment or the issuance of a separate Task Order.

The following services are expressly excluded from the scope of this proposal:

- A. Preparation of new construction plans, specifications, and estimates (PS&E), or revisions to or updates of existing construction plans and specifications.
- B. Preparation of environmental documentation, including but not limited to environmental assessments, environmental impact statements, environmental permitting, or coordination with environmental agencies associated with the proposed bridge and roadway concepts.
- C. Detailed traffic studies or traffic operations analyses for proposed roadway intersections or interchanges, including capacity analyses, level of service evaluations, traffic modeling, signal warrant analyses, or microsimulation.
- D. Performance of topographic, boundary, or survey services for the proposed bridge or roadway locations.
- E. Geotechnical and subsurface investigation services, including soil borings, laboratory testing, foundation recommendations, pavement design, seismic analyses, or preparation of geotechnical engineering reports.
- F. Environmental assessments or permitting activities related to the proposed locations.
- G. Public involvement or stakeholder engagement activities, including public meetings, workshops, public hearing support, development of outreach materials, facilitation services, or coordination with community groups.

PROJECT DESCRIPTION: Baldwin Beach Express Bridge Conceptual Design
(Engineering Services)

FEE SUMMARY

A summary of the proposed lump-sum engineering fee, along with associated man-hour and cost estimates, is provided on the following sheets:

SUMMARY OF ENGINEERING FEE PROPOSAL		
BALDWIN BEACH EXPRESSWAY BRIDGE - CITY OF ORANGE BEACH		
CONCEPTUAL DESIGN		
PROPOSED SERVICES		
TASK	SERVICE DESCRIPTION	TOTAL COST
1	CONCEPTUAL DESIGN DEVELOPMENT	\$55,899.20
TOTAL PROJECT COST		\$55,899.20

PROJECT DESCRIPTION: Baldwin Beach Express Bridge Conceptual Design
(Engineering Services)

MAN-HOUR DESIGN ESTIMATE						
Task No.	BALDWIN BEACH EXPRESSWAY BRIDGE - CITY OF ORANGE BEACH					
1	DESIGN DEVELOPMENT	Project Manager	Staff 2 Prof	Staff 1 Prof	Tech	Admin
1A	Design & Analysis					
1A.1	Existing Condition Review (Mapping , Plans, Aerials)	2	4	4		
1A.2	Concept 1 Design - Existing Bridge Widening	2	40		40	
1A.3	Concept 1 Design - Roadway Widening	8		24	8	
1A.5	Concept 2 Design - New Parellel Bridge	2	40		40	
1A.6	Concept 2 Design - Four-Lane Divide Roadway Configuration	8		40	8	
1A.7	Conceptual Cost Estimates	2	4	4		
1A.8	Conceptual Construction Schedules	4	4	8		
1A.9	Initial Submittal (Plan view exhibits, sections)	2		16		
1A.10	Final Submittal (Owner reviews, revisions, final coordination)	4		4		
1B	Coordination & Meetings					
1B.1	Client Coordination & Kick-off Meetings (2 meetings)	8	8	8		
TOTAL DESIGN DEVELOPMENT MAN-HOURS		42	100	108	96	0
PROPOSED DESIGN FEE						
Task No.	BALDWIN BEACH EXPRESSWAY BRIDGE - CITY OF ORANGE BEACH					
1	DESIGN DEVELOPMENT	Man-hour		Rate	Cost	
Labor Costs						
	Project Manager	42		\$236.00	\$9,912.00	
	Staff 2 Professional	100		\$201.00	\$20,100.00	
	Staff 1 Professional	108		\$126.00	\$13,608.00	
	Technician	96		\$124.00	\$11,904.00	
	Administrative Assistant	0		\$98.00	\$0.00	
Out of Pocket Costs						
	Travel Expenses (Mobile Office to Orange Beach City Hall - 67 Miles Oneway)		Trips	Miles	Rate	Cost
			2	268	\$0.700	\$375.20
TOTAL OUT OF POCKET						\$375.20
TOTAL DESIGN DEVELOPMENT						\$55,899.20



**REGULAR COMMITTEE OF THE WHOLE MEETING
APRIL 21, 2026**

Departments: City Clerk

Description of Topic: Resolution authorizing the purchase of a Vehicle for the Public Works Department through State Bid from Stivers Ford Lincoln, Inc., in the amount of \$59,674. (TT)

Background/Description:

Action Options/Recommendation:

Source of Funding (if applicable): Budgeted, Public Works Landscape Capital Equipment

ATTACHMENTS:

1. 05-06-26 26-xxx Authorize Purchase Vehicle Public Works State Bid
2. 2026.04.06 Quote -Public Works Landscape - Stivers Ford Lincoln 2026 Ford F250 Pickup Truck

RESOLUTION NO. 26-xxx

**A RESOLUTION AUTHORIZING THE PURCHASE OF A
VEHICLE FOR THE PUBLIC WORKS DEPARTMENT
THROUGH STATE BID FROM STIVERS FORD LINCOLN, INC.
IN THE AMOUNT OF \$59,674**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ORANGE BEACH, ALABAMA, AS FOLLOWS:

1. That the City Council for the City of Orange Beach, Alabama, hereby authorizes the purchase of One (1) Vehicle for the Public Works Department from Stivers Ford Lincoln, Inc., through Alabama State Bid in a total amount of \$59,674.00;
2. That the Mayor is hereby authorized to approve payment to Stivers Ford Lincoln, Inc., in the amount of \$59,674.00 for One (1) 2026 Ford F-250 Super Crew 4x4 Pickup Truck for the Public Works Landscape Division;
3. That the equipment as described in this Resolution is to be used only for official business of the City of Orange Beach; and
4. That this Resolution shall become effective upon its adoption.

ADOPTED THIS 6th DAY OF MAY, 2026.

Renee Eberly
City Clerk

C E R T I F I C A T E

I, Renee Eberly, City Clerk of the City of Orange Beach, Alabama, do hereby certify that the foregoing is a true and correct copy of Resolution No. 26-xxx, which was duly and legally adopted at a regular meeting of the City Council on May 6, 2026.

City Clerk

2026 FORD F250 SUPER CREW 4x4 PICKUP - MODEL W2B

CONTRACT NUMBER: 220000003128-22

STATE CONTRACT: T191

CONTRACT AMOUNT: \$47,598

INCLUDES: XL 600A, Crew Cab 4x4, 6.8L V8 PFI Gas Engine, 10 Spd AutoTransmission, 6.75' Box, Power Windows & Door Locks, Keyless Entry, Cruise Control, Vinyl Flooring, Vinyl 40/20/40 Seat, AM/FM Radio, Bluetooth, Rear View Camera, Trailer Tow Package 4/7 Pin,

STATE CONTRACT PRICE (T191)

\$ 47,598

FACTORY OPTIONS

52B	Trailer Brake Controller (Standard on XLT)	\$	300	<input checked="" type="checkbox"/>
18B	Platform Running Boards	\$	445	<input checked="" type="checkbox"/>
66S	Upfitter Switches	\$	250	<input type="checkbox"/>
67E	250 Amp. Alternator	\$	185	<input type="checkbox"/>
43C	120V / 400W Outlet	\$	225	<input type="checkbox"/>
76C	Backup Alarm	\$	230	<input type="checkbox"/>
592	Roof Clearance Lights	\$	150	<input type="checkbox"/>
43K	Pro Power Onboard 2KW - Includes Dual Alternator, Requires 86M Dual Battery	\$	985	<input type="checkbox"/>
86M	Dual Batteries - Included w/ Diesel Engines, Requires 67B 410 Amp Dual Alternator or Pro Power 43K on Gas	\$	210	<input type="checkbox"/>
67B	410 Amp Dual Alternator w/ 86M Dual Batteries	\$	215	<input type="checkbox"/>
66L	LED Box Lighting	\$	160	<input type="checkbox"/>
76S	Remote Start	\$	250	<input type="checkbox"/>
85G	Tailgate Step (Includes Step & Handle)	\$	375	<input type="checkbox"/>
874	360 Degree Camera Package	\$	1,150	<input type="checkbox"/>
96D	XL Driver Assist Package- Includes Automatic High Beam, Pre-Collision Assist	\$	730	<input type="checkbox"/>
52S	Interior Work Surface (Requires 40/20/40 Seat)	\$	140	<input type="checkbox"/>
96V	XL Chrome Package - Includes Boxlink, Chrome Hub Covers, Chrome F & R Step Bumper, Fog Lamps	\$	425	<input type="checkbox"/>
15J	Gooseneck Hitch Kit - Requires 53W 5th Wheel / Gooseneck Hitch Prep Kit	\$	250	<input type="checkbox"/>
15L	5th Wheel Hitch - Requires 53W, 68U, & 8' Truck Bed (176" Wheelbase)	\$	1,345	<input type="checkbox"/>
53W	5th Wheel / Gooseneck Hitch Prep Package - Includes: Five Pickup Bed Attachment Points, One Frame Under Bed Cross Member, & One Integrated 7-Pin Connector On Driver's Side Bed Wall	\$	750	<input type="checkbox"/>

WHEEL BASE OPTIONS:

160	6 3/4' Box (Standard Box On Contract)		Standard	<input checked="" type="checkbox"/>
176	8.0' Box	\$	649	<input type="checkbox"/>

DRIVE TRAIN OPTIONS:

99A	6.8L V8 PFI Gas Engine		XL Standard	<input type="checkbox"/>
X37	3.73 Regular Axle (Standard w/ 6.8L Gas Engine)		NC	<input type="checkbox"/>
X3E	3.73 Electronic Locking Axle (Optional w/ 6.8L Gas Engine)	\$	430	<input type="checkbox"/>
99N	7.3 L V8 430 Horsepower Gas Engine (N/A with XL, Option for XLT)	\$	1,500	<input type="checkbox"/>
X37	3.73 Regular Axle (Standard w/ 7.3L Gas Engine)		NC	<input type="checkbox"/>
X3E	3.73 Electronic Locking Axle (Optional w/ 7.3L Gas Engine)	\$	430	<input type="checkbox"/>
99T	6.7L V8 Diesel Engine (State Contract Diesel Option - 220000003128-31)	\$	10,211	<input type="checkbox"/>
X31	3.31 Regular Axle (Standard w/ 6.7L Diesel Engine)		NC	<input type="checkbox"/>
X3H	3.31 Electronic Locking Axle (Optional w/ 6.7L Diesel Engine)	\$	430	<input type="checkbox"/>
99M	6.7L High Output V8 Diesel Engine	\$	13,495	<input type="checkbox"/>
X31	3.31 Regular Axle (Standard w/ 6.7L High Output Diesel Engine)		NC	<input type="checkbox"/>
X3H	3.31 Electronic Locking Axle (Optional w/ 6.7L High Output Diesel Engine)	\$	430	<input type="checkbox"/>
41H	Heater, Engine Block	\$	250	<input type="checkbox"/>
TD8	LT245/75Rx17E BSW A/S		XL Standard	<input type="checkbox"/>
TBM	LT245/75Rx17E BSW A/T (XL Option)	\$	165	<input type="checkbox"/>
TCH	LT275/65Rx18E BSW A/S		XLT Standard	<input type="checkbox"/>
TDX	LT275/70Rx18E BSW A/T (XLT Option)	\$	265	<input type="checkbox"/>

PACKAGE OPTIONS

17S	STX Appearance Package - Includes: 18" Ebony Black Painted Aluminum Wheels, LT275/70Rx18E BSW A/T, Body-Color Front & Rear Bumpers, Painted Grill, Upgraded Interior Door Panels, Automatic High Beam, BLIS, Pre-Collision w/ Automatic Emergency Braking, Reverse Brake Assist, Boxlink Color Coordinated Full Carpet w/ Floor Mats, Cloth 40/20/40 Split Bench w/ Center Armrest Cupholder/Storage LED Box Lighting, LED High-Mount Stop Lamp, LED Fog Lamps, LED Reflector Lamps, 10,000 GVWR Pkg	\$ 3,115	<input type="checkbox"/>
17X	FX4 Off-Road Pkg - Requires A/T Tire Option & E-Lock Axle. Includes: Hill Descent Control, Skid Plates for Transfer Case & Fuel Tank, Off-Road Specifically Tuned Front/Rear Shock Absorbers, & FX4 Box Decal	\$ 600	<input type="checkbox"/>
603A	XLT 603A Package - All XL Content Plus: Front & Rear Chrome Bumpers, Chrome Grill, Halogen Fog Lamps, 18" Sparkle Silver Painted Cast Aluminum Wheels w/ Bright Hub Covers & Ornaments, 4 Box Tie Downs, ProPower Onboard - 400W One Dash Mounted Outlet & One in Rear Console, A/C Vents Black w/ Chrome Ring Color Coordinated Full Carpet w/ Floor Mats, Manually Telescoping/Folding Mirrors w/ Power & Heated Glass, Front Seats - High Series Cloth 40/20/40 Split Bench w/ 20% Under Seat Storage, Center Armrest w/ Cupholder & Storage, 8 Way Power Driver Front Seat, Rear Fixed Privacy Glass, & Trailer Brake Controller	\$ 5,610	<input type="checkbox"/>

COLOR OPTIONS:

Z1	Oxford White		NC	<input checked="" type="checkbox"/>
M7	Carbonized Gray		NC	<input type="checkbox"/>
UM	Agate Black		NC	<input type="checkbox"/>
JS	Iconic Silver	\$	660	<input type="checkbox"/>
PQ	Race Red	\$	395	<input type="checkbox"/>
E9	Argon Blue	\$	395	<input type="checkbox"/>
DR	Avalanche	\$	395	<input type="checkbox"/>
AT	Yellow	\$	660	<input type="checkbox"/>
BY	School Bus Yellow	\$	660	<input type="checkbox"/>
E4	Vermillion Red	\$	660	<input type="checkbox"/>
GR	Green	\$	660	<input type="checkbox"/>
W6	Green Gem	\$	660	<input type="checkbox"/>
MB	Orange	\$	660	<input type="checkbox"/>

INTERIOR OPTIONS:

AS	40/20/40 Vinyl Seats - Medium Dark Slate (XL)		XL Standard	<input checked="" type="checkbox"/>
LS	40/Mini-Console/40 Vinyl Seat - Medium Dark Slate (Shallow Tray on Floor)	\$	355	<input type="checkbox"/>
1S	40/20/40 Cloth Seats - Medium Dark Slate (XL)	\$	315	<input type="checkbox"/>
4S	40/Mini-Console/40 Cloth Seat - Medium Dark Slate (Shallow Tray on Floor)	\$	615	<input type="checkbox"/>
1S	40/20/40 Cloth Seats - Medium Dark Slate (Only Choice for STX - No Charge)		STX - NC	<input type="checkbox"/>
3S	40/20/40 Cloth Seats - Medium Dark Slate (XLT)		XLT Standard	<input type="checkbox"/>
3J	40/20/40 Cloth Seats - Baja (XLT)		NC	<input type="checkbox"/>
2S	40/Console/40 Cloth Seat - Medium Dark Slate (XLT)	\$	525	<input type="checkbox"/>
2J	40/Console/40 Cloth Seat - Baja (XLT)	\$	525	<input type="checkbox"/>



**REGULAR COMMITTEE OF THE WHOLE MEETING
APRIL 21, 2026**

Departments: City Clerk

Description of Topic: Resolution approving the submission of the 2025 Municipal Water Pollution Prevention (MWPP) Annual Report. (KB/RS)

Background/Description:

Action Options/Recommendation:

Source of Funding (if applicable):

ATTACHMENTS:

1. 05-06-26 26-xxx Approve Submission MWPP Report Sewer
2. 2025 MWPP Report

RESOLUTION NO. 26-xxx

**A RESOLUTION APPROVING THE SUBMISSION OF THE
2025 MUNICIPAL WATER POLLUTION PREVENTION (MWPP) ANNUAL REPORT**

FINDINGS:

1. The City Council of the City of Orange Beach, Alabama, has reviewed the 2025 Municipal Water Pollution Prevention (MWPP) Annual Report prepared by the Utilities Department.
2. The Orange Beach Utilities Department has set forth the following actions and schedule necessary to maintain effluent requirements contained in the NPDES Permit, and to prevent the bypass and overflow of raw sewage within the collection system or at the treatment plant:
 - a. Continue regular cleaning and sludge removal.
 - b. Continue program of preventative maintenance of lift stations and pumps.
 - c. Continue replacements and upgrades of lift stations, pumps, pipes, and other equipment as recommended by the Chief Engineer.
 - d. Continue infrastructure improvements to accommodate future buildout and expansion of the collection system.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ORANGE BEACH, ALABAMA, AS FOLLOWS:

1. That the 2025 Municipal Water Pollution Prevention (MWPP) Annual Report is approved for submission to the Alabama Department of Environmental Management;
2. That no actions other than the continuation of current procedures described above are necessary at this time to ensure continued compliance with effluent requirements of its National Pollutant Discharge Elimination System (NPDES) Permit; and
3. That this Resolution shall become effective immediately upon its adoption.

ADOPTED THIS 6th DAY OF MAY, 2026.

Renee Eberly
City Clerk

C E R T I F I C A T E

I, Renee Eberly, City Clerk of the City of Orange Beach, Alabama, do hereby certify that the foregoing is a true and correct copy of Resolution No. 26-xxx, which was duly and legally adopted at a regular meeting of the City Council on May 6, 2026.

City Clerk

MUNICIPAL WATER POLLUTION PREVENTION (MWPP)

ANNUAL REPORT

SUBMITTED BY:

TREATMENT FACILITY: Orange Beach WRF NPDES #: AL0081124

MUNICIPALITY: City of Orange Beach COUNTY: Baldwin

CONTACT PERSON: Ford Handley

Responsible Official

City Administrator

Title

Telephone #: 251-981-6797 Fax #: _____

Email Address: fhandley@orangebeachal.gov

CHIEF OPERATOR: Robert Stalcup

Name

Telephone #: 251-974-5617 Fax #: _____

Email Address: rstalcup@orangebeachal.gov

Date: _____

REVIEWED BY: CHRIS PAPPAS

City Consulting Engineer

Telephone #: 251-504-6345 Fax #: _____

Date: cpappas@orangebeachal.gov

**MWPP Annual Report
Information Source List**

The following information will be needed to complete the compliance maintenance report that covers the calendar year of 2025 (due **May 31, 2026**).

- Part 1
 - A. The average plant influent flow for each month (million gallons per day/MGD) during the year.
 - B. The average plant influent BOD (CBOD) for each month (mg/l and lb/day) in the year.
 - C. The plant's average design flow (MGD) and design BOD (CBOD) loading (lbs/day).
- Part 2
 - A. The monthly average permit and DMR effluent concentration for BOD (CBOD), TSS, NH3-N, and/or TKN in mg/l for the year
 - B. The monthly average effluent limits and DMR loading for BOD (CBOD), TSS, NH3-N, and/or TKN in lbs/day for the year
- Part 3 The age of the treatment plant defined as the number of years since the last major reconstruction to increase the organic or hydraulic capacity of the plant. The last calendar year minus the year the new construction was brought on-line.
- Part 4 Bypass and overflow information. This is the number of bypass or overflow events of untreated wastewater due to heavy rain or equipment failure whether intentional or inadvertent from all collection systems tributary to the treatment facility.
- Part 5
 - A. Describe the characteristics and quantity of sludge generated.
 - B. If sludge is landspread, how many months of sludge storage does the plant have? This should include on-site and off-site storage from the treatment plant. The digester capacity may be used in the calculation.
- Part 6
 - A. Sludge Disposal Method
 - B. The number of approved land disposal sites for sludge available, and how many months or years these disposal sites will these be available for use.
- Part 7 The number of sewer extensions installed in the community last year, the design population, design flow, and design BOD (CBOD) for each sewer extension.
- Part 8 Operator Certification
- Part 9 Financial Status
- Part 10 Subjective Evaluation
- Part 11 Summary Sheet

Instructions to the Operator-in-Charge

1. Complete all sections of the MWPP Report to the best of your ability.
2. Parts 1 through 8 contain questions for which points will be generated. These points are intended to communicate to the Department and the governing body or owner the actions necessary to prevent effluent violations. Enter the point totals from Parts 1 through 8 on Part 11: Summary Sheet.
3. Add the point totals on Part 11: Summary Sheet.
4. Submit the MWPP Report to the governing body and the consulting engineer and owner for review and approval.
5. The governing body should pass a resolution which contains the following points:
 - a. The resolution should acknowledge the governing body or owner has reviewed the MWPP Report.
 - b. The resolution should indicate what actions will be taken to prevent effluent violations.
 - c. The resolution should provide any other information the governing body or owner deems appropriate.
6. **The MWPP Report and the resolution must be submitted by May 31st to Municipal Section, Water Division, ADEM, P.O. Box 301463, Montgomery, AL 36130-1463.**

Part 1: Influent Loading/Flows

A. List the average monthly volumetric flows and BOD₅ (CBOD₅) loadings received at your facility during the last calendar year.

<u>Month</u>	<u>Column 1 Average Monthly Flowrate (MGD)</u>	<u>Column 2 Average Monthly BOD₅ (CBOD₅) Concentration (mg/l)</u>	<u>Column 3 Average Loading BOD₅ (CBOD₅) (lbs/day)**</u>
January	1.94	124.5	2014
February	2.28	156.5	2975
March	2.67	125.3	2717
April	2.93	156.4	3821
May	3.36	164.0	4595
June	4.18	192.9	6724
July	4.85	174.5	7058
August	3.8	146.3	4636
September	3.36	147.3	4127
October	3.41	122.9	3495
November	2.13	126.3	2244
December	1.90	117.2	1857
Annual Avg.	3.06	146.1	3855

** As reported on NPDES Discharge Monitoring Reports (DMRs) and as required by EPA's NPDES Self-Monitoring System, User Guide, March 1985.

B. List the average design flow and average design BOD₅ (CBOD₅) loading for the facility below. If you are not aware of these design quantities, contact your consulting engineer.

	<u>Average Design Flow</u>	<u>Average Design BOD₅ (CBOD₅) Loading (lbs/day)</u>
Design Criteria	10 MGD	16,680
90% of the Design Criteria	9.0 MGD	15,012

C. How many times did the monthly flow (Column 1) to the WWTP exceed 90% of design flow?
_____ (Check the appropriate point total)

0 - 4 = 0 points 5 or more = 5 points

D. How many times did the monthly flow (Column 1) to the WWTP exceed the design flow?
_____ (Check the appropriate point total)

0 = 0 points 1 - 2 = 5 points 3 - 4 = 10 points 5 or more = 15 points

E. How many times did the monthly BOD₅ (CBOD₅)* loading (lbs/day) (Column 3) to the WWTP exceed 90% of the design loading?
_____ (Check the appropriate point total)

0 - 1 = 0 points 2 - 4 = 5 points 5 or more = 10 points

F. How many times did the monthly BOD₅ (CBOD₅)* loading (lbs/day) (Column 3) to the WWTP exceed the design loading?
_____ (Check the appropriate point total)

0 = 0 points 1 = 10 points 2 = 20 points 3 = 30 points 4 = 40 points 5 or more = 50 points

G. Enter each point value marked for C through F and enter the sum in the appropriate blank below.

C points =	_____
D points =	_____
E points =	_____
F points =	_____

TOTAL POINTS VALUE FOR PART 1 _____ 0
Enter this value on Part 11: Summary Sheet.

*To obtain equivalent BOD₅ loading for comparison with design loading for those permittees using influent CBOD₅, divide annual average CBOD₅, loading in lbs/day from Part 1, A by 0.7.

Part 2: Effluent Quality/Plant Performance

A. List the monthly average permit limits for the facility in the blanks below and the average monthly effluent DMR BOD₅, (CBOD₅) TSS, NH₃-N and/or TKN concentration produced by the facility during the last calendar year.

(1) NPDES Permit Concentration

Permit Limit	Months	BOD ₅ (CBOD ₅) (mg/l)	TSS (mg/l)	NH ₃ -N (mg/l)	TKN (mg/l)
	12	2.9	30	0.7	2.2

(2) DMR Concentration

Qtr	Month	BOD ₅ (CBOD ₅) (mg/l)	TSS (mg/l)	NH ₃ -N (mg/l)	TKN (mg/l)
1	January	2.0	2.3	0.31	0.76
	February	2.2	2.6	0.18	0.70
	March	2.6	4.1	0.44	1.7
2	April	2.4	3.2	0.46	1.5
	May	3.5	4.8	0.40	2.1
	June	3.3	4.8	0.37	2.0
3	July	2.7	6.6	0.46	1.5
	August	2.0	4.5	0.30	1.1
	September	2.1	2.5	0.26	1.0
4	October	2.0	3.8	0.40	1.3
	November	2.1	2.4	0.22	1.1
	December	2.8	4.7	0.40	1.3
Annual Avg.		2.4	3.8	0.35	1.3

B. List the monthly average permit limit and DMR loadings below.

(1) NPDES Permit Loading

Permit Limit	Months	BOD ₅ (CBOD ₅) (lbs/day)	TSS (lbs/day)	NH ₃ -N (lbs/day)	TKN (lbs/day)
		12	241.9	2502	58.4

(2) DMR Loading

Qtr	Month	BOD ₅ (CBOD ₅) (lbs/day)	TSS (lbs/day)	NH ₃ -N (lbs/day)	TKN (lbs/day)
1	January	33.3	37.8	5.0	12.2
	February	41.8	50.0	3.4	13.3
	March	58.5	89.0	9.8	36.8
2	April	58.6	250.2	11.2	36.6
	May	98.0	134.5	11.2	58.8
	June	115.0	167.0	12.8	69.7
3	July	109.2	266.9	18.6	60.6
	August	63.3	142.6	9.5	34.8
	September	58.8	70.0	7.2	28.0
4	October	56.8	108.6	11.3	36.9
	November	38.3	43.5	3.9	19.7
	December	44.3	74.4	6.3	21.2
Annual Avg.		64.6	119.5	9.1	35.7

C. During the past year did the BOD₅ (CBOD₅) concentration (mg/l) and/or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any consecutive quarters? (Check the appropriate point total.)

- No = 0 points Yes = 121 points

D. During the past year did the BOD₅ (CBOD₅) concentration (mg/l) and/or loading (lbs/day), exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

No = 0 points Yes = 121 points

E. During the past year did the effluent TSS concentration (mg/l) or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any two consecutive quarters? (Check the appropriate point total.)

No = 0 points Yes = 121 points

F. During the past year did the TSS concentration (mg/l) and/or loading (lbs/day) exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

No = 0 points Yes = 121 points

G. During the past year did the NH₃-N or TKN concentration (mg/l) and/or loading (lbs/day) exceed the product of 1.4 times the monthly average permit limit during two months of any two consecutive quarters? (Check the appropriate point total.)

No = 0 points Yes = 121 points

H. During the past year did either the NH₃-N or TKN concentration (mg/l) and/or loading (lbs/day), exceed the monthly average permit limit during four months of any two consecutive quarters? (Check the appropriate point total.)

No = 0 points Yes = 121 points

I. Enter each point value checked for C through H in the blanks below.

C Points = 0
D Points = 0
E Points = 0
F Points = 0
G Points = 0
H Points = 0

HIGHEST INDIVIDUAL POINT VALUE FOR PART 2 (C-H) 0 (HIGHEST POINT = 121)
Enter this value on Part 11: Summary Sheet.

Facility Name: Orange Beach WRF

#0081124

Part 3: Age of the Wastewater Treatment Facility

A. What year was the wastewater treatment plant constructed or last reconstructed? 2011

Subtract the above answer from the report year to determine age:

$$\text{Age} = (\text{Last Calendar year}) - (\text{Answer to A})$$

$$\text{Age } \underline{14} = (\underline{2025}) - (\underline{2011})$$

Enter Age in Part C below.

B. Check the type of treatment facility employed.

	Factor
<input checked="" type="checkbox"/> Mechanical Treatment Plant	2.0
<input type="checkbox"/> Aerated Lagoon	1.5
<input type="checkbox"/> Stabilization Pond	1.0
<input type="checkbox"/> Other (Specify: _____)	1.0

C. Multiply the factor listed next to the type of the facility your community employs by the age of your facility to determine the total point value for Part 3:

$$\frac{2.0}{\text{(Factor)}} \times \frac{14}{\text{(Age)}} = \underline{28} \quad \text{TOTAL POINT VALUE FOR PART 3}$$

Enter the above value on Part 11: Summary Sheet. If the total point value exceeds 40, enter 40 on Part 11: Summary Sheet.

Part 4: Bypassing and Overflows

A. How many bypass or overflow events of untreated wastewater occurred in the last year at the WWTP due to heavy rain? 0

B. How many bypass or overflow events of untreated wastewater occurred in the last year prior to the headworks of the WWTP due to heavy rain? 0

C. How many of the bypass or overflow events listed in Parts A and B have been corrected such that future bypass or overflow events at the same location due to heavy rain are not anticipated? 0

D. Add together Answers A and B and subtract Answer C from that total.

$A + B - C =$ 0 (Check the appropriate point total.)

- 0 = 0 points 1 = 5 points 2 = 10 points 3 = 15 points
- 4 = 20 points 5 = 25 points 6 = 30 points 7 = 35 points
- 8 = 40 points 9 = 45 points 10 = 50 points 11 or more = 100 points

E. How many bypass or overflow events of untreated wastewater occurred in the last year at the WWTP due to equipment failure? (This includes clogged/broken lines or manholes.) 0

F. How many bypass or overflow events of untreated wastewater occurred in the last year due to equipment failure prior to the headworks of the WWTP? (This includes clogged/broken lines or manholes.) 2

G. How many of the bypass or overflow events listed in Parts E and F have been corrected such that future bypass or overflow events at the same location due to the same equipment failure are not anticipated? 2

H. Add together Answers E and F and subtract Answer G from that total.

$E + F - G =$ 0 (Check the appropriate point total.)

- 0 = 0 points 1 = 5 points 2 = 10 points 3 = 15 points
- 4 = 20 points 5 = 25 points 6 = 30 points 7 = 35 points
- 8 = 40 points 9 = 45 points 10 = 50 points 11 or more = 100 points

I. Add point values checked in D and H and enter the total in the blank below.

TOTAL POINT VALUE FOR PART 4 0

Enter this value on Part 11: Summary Sheet.

All bypass or overflow events that have occurred in the last year (for any reason) must be individually reported with this MWPP report.

Part 5: Sludge Quantity and Storage

- A. Please provide information concerning sludge quantity, characteristics, and storage practices based on available data as requested on the *MWPP Sewage Sludge Survey*, ADEM Form 419.
- B. How many months of sludge storage capacity does the wastewater treatment facility have available, either on-site or off-site? (i.e., How many months can the facility operate without land spreading or disposing of sludge?) 6

(Check the appropriate point total.)

- Greater than or equal to 4 months = 0 points
- Less than 4 months, but greater than or equal to 3 months = 10 points
- Less than 3 months, but greater than or equal to 2 months = 20 points
- Less than 2 months, but greater than or equal to 1 month = 30 points
- Less than one month = 50 points

TOTAL POINT VALUE FOR PART 5 0

Enter this value on Part 11: Summary Sheet.

Part 6: Sludge Disposal Practices and Sites

- A. Please provide the sludge disposal practices and site information based on available data as requested on the *MWPP Sewage Sludge Survey*, ADEM Form 419.
- B. How many months or years does the facility have access to and approval for sufficient land disposal sites to provide proper land disposal? (Check the appropriate point total.)

- 36 or more months = 0 points
- 24 - 35 months = 10 points
- 12 - 23 months = 20 points
- 6 - 11 months = 30 points
- Less than 6 months = 50 points

TOTAL POINT VALUE FOR PART 6 0

Enter this value on Part 11: Summary Sheet.

Part 7: New Development

Are there any major new developments (industrial, commercial, or residential) in the last calendar year or anticipated in the next 2-3 years such that either flow or BOD₅ (CBOD₅) loadings to the sewage system could significantly increase? Estimate additional loadings below.

Design Population: 2500 Design Flow: .25 MGD Design BOD₅ (CBOD₅): 417 lbs/day
Equivalent (PE)

List industrial and/or residential developments.

Will the additional loading overload the plant?
(Check the appropriate point total.)

No = 0 points Yes = 121 points

Enter the point total in the blank below.

TOTAL POINT VALUE FOR PART 7 0 (highest point total = 121)
Enter this value on Part 11: Summary Sheet.

Part 8: Operator Certification

Complete the *Plant and Collection System Personnel Inventory*, ADEM Form 441.

Do both the plant operator and collection system staffing comply with ADEM Administrative Code; Division 10, Operator Certification Program?
(Check the appropriate point total.)

Yes = 0 points No = 121 points

TOTAL POINT VALUE FOR PART 8 0 (highest point total = 121)
Enter this value on Part 11: Summary Sheet.

Facility Name: Orange Beach WRF

#AL0081124

Part 9: Financial Status

A. Are User-Charge Revenues sufficient to cover operation and maintenance expenses? If no, how are O&M costs being financed? Include user charge rates.

Yes

Residential Minimum 28.00 Plus rate N/A /1,000 gal.
Industrial Minimum N/A Plus rate /1,000 gal.
Monthly residential rate based on 6,000 gallons usage \$ 28.00

B. What financial resources are available to pay for the wastewater improvements and/or reconstruction needs?

Current revenue and local taxes

Bonds and loans are available if needed

C. Please attach a rate sheet and the most recent audit, if available.

Part 10: Subjective Evaluation

A. Describe briefly the physical and structural conditions of the wastewater treatment facility.

Plant is maintained well and in good condition

B. Describe the general condition of the sewer system (sewer lines, manholes, lift stations).

Collections are in good condition and maintained

Older mains and lift station are upgraded or replaced as needed

C. What sewage system improvements does the community have planned for construction in the next 5 years?

Lift Stations and main upgrades/ Plant upgrades

D. What is the theoretical design life of the plant, and what is the estimated remaining useful life of the wastewater treatment facility?

15 years has been extended with upgrades

E. What problems, if any, over the last year have threatened treatment or conveyance within the system?

None

F. Is the community presently involved in formal planning for treatment facility upgrading?

No

G. How many days in the last year were there residential backups at any point in the collection system for any reason other than clogging of the lateral connection? 0

H. Does the plant have a written plan for preventive maintenance on major equipment items? If yes, describe.

Yes, O&M Manuals are provided on all equipment

I. Does this preventive maintenance program depict frequency of intervals, types of lubrication, and other preventive maintenance tasks necessary for each piece of equipment?
(Check the appropriate response.) Yes No

J. Are these preventive maintenance tasks, as well as equipment problems, being recorded and filed so future maintenance problems can be assessed properly?
(Check the appropriate response.) Yes No

K. Describe any major repairs or mechanical equipment replacement made in the last year and include the approximate cost for those repairs. Do not include major treatment plant construction or upgrading programs.

4- 75hp Blowers \$390,000

Carondelette Lift Station \$55,500

Bear Point Lift Station \$29,000

Summer Chase Lift Station \$60,000

Co. Rd. 12 Lift Station \$70,000

Alabama Point Lift Station \$15,500

L. List any additional comments. (Attach additional sheets if necessary.)

Part 11: Summary Sheet

1. Enter in the values from Parts 1 through 8 in the left column below. Add the numbers in the left column to determine the MWPP Report point total the wastewater system generated for the previous calendar year.

<u>Actual Values</u>	<u>Maximum Possible</u>
Part 1 <u> 0 </u> points	80 points
Part 2 <u> 0 </u> points	121 points
Part 3 <u> 28 </u> points	40 points
Part 4 <u> 0 </u> points	200 points
Part 5 <u> 0 </u> points	50 points
Part 6 <u> 0 </u> points	50 points
Part 7 <u> 0 </u> points	121 points
Part 8 <u> 0 </u> points	121 points
Total <u> 28 </u> points	783 points

2. Check the facility type that best describes the plant's treatment and disposal of wastewater.

- Mechanical plant with surface water discharge
- Aerated Lagoon or stabilization pond with surface water discharge
- Mechanical plant using land disposal of liquid wastes
- Aerated Lagoon or stabilization pond using land disposal of liquid wastes

3. Check the range that describes the action needed to address problems identified in the report.

- 0 - 70 points Actions as Appropriate*
- 71 - 120 points Departmental Recommendation Range*
- 121 - 783 points Municipality Action Range*

***Other actions may be required by NPDES outside the scope of this report.**

4. Complete the *Municipal Water Pollution Prevention Resolution Form*, ADEM Form 418.

MWPP SEWAGE SLUDGE SURVEY

Note: Permittees that submitted the "Annual Report Review Form" for sludge to the EPA may submit a copy with the MWPP in lieu of this Attachment

Facility Background Information:

1. Facility Information

Permit Number: AL0081124

Name: Orange Beach WRF
Street Address: 3900 William Silvers Prkwy
County: Baldwin County

2. Facility Contact

Name: Daniel Bodine
Title: Plant Superintendent
Telephone: 251-974-5617
Permittee Name: City of Orange Beach
Mailing Address: 3900 William Silvers Prkwy
Orange Beach, AL 36561

Facility Flow Information:

1. Facility Wastewater Treatment Capacity

Average Daily Flow: 3.06 MGD
Facility Design Capacity: 10 MGD

2. Estimated Septage Quantity Handled (Residuals Removed from Septic Tank Systems)

Average Domestic Septage: 0 gallons per month
Average Commercial Septage: 0 gallons per month

3. Method of Septage Processing

- Mixed with Influent Wastewater for Treatment
 Mixed with Sewage Sludge
 0

4. Estimated Percentage Contributing Wastewater Flow

Residential: 100 %
Industrial: 0 %
Other: _____ % Describe: _____

5. List type of wastewater treatment process(es) utilized at this facility:

6. Estimated sewage sludge wasting rate at this facility: 3200 lb/day dry weight
or _____ gallons per day

7. Estimated untreated sludge received from off site: 0 lb/day dry weight
or _____ gallons per day

8. Estimated percent solids of combined sewage sludge prior to treatment: _____ %

9. List the sewage sludge treatment processes used in preparing sludge for final use or disposal:

Sludge Quantity
(untreated pounds per day)

Sludge Thickening Digesters
Belt Press and Lime Stabilization
Class A

10. Estimate the total volume of sludge generated:

551.32
(dry U.S. tons per year)

Sludge Disposal Methods

1. Which of the following describes the current method of sewage sludge disposal for this facility?

	Current Practices		Quantity (dry U.S. tons/year)	Proposed Practices	
	Approved by ADEM			Approved by ADEM	
	Yes	No		Yes	No
a. <input checked="" type="checkbox"/> Land Application, Bulk Shipped	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Agriculture	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Forest	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Public Contact	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Lawn/Home Garden	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
b. <input type="checkbox"/> Land Application, Bagged/Other Container	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Agriculture	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Forest	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Public Contact	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Lawn/Home Garden	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
c. <input type="checkbox"/> Incineration	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
d. <input type="checkbox"/> Subtitle D Landfill (Disposal Only)	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
e. <input type="checkbox"/> Lined Treatment Lagoon or Stabilization Pond	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
f. <input type="checkbox"/> Unlined Lagoon or Stabilization Pond	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>
g. <input type="checkbox"/> Other (Please Describe)	<input type="checkbox"/>	<input type="checkbox"/>	_____	<input type="checkbox"/>	<input type="checkbox"/>

2. If "f" was selected above and sludge is stored for two (2) or more years, enter the distance between the surface disposal site and the property line: _____ feet

Pollutant Concentrations:

1. Enter the total concentrations of the following analytes using existing data. **Do not enter TCLP results.**

Analyte	Concentration (mg/kg or ppm)	Sample Type	Sample Date	Detection Level Of Analysis
Arsenic				
Cadmium				
Chromium				
Copper				
Lead				
Mercury				
Molybdenum				
Nickel				
Selenium				
Zinc				
Ammonium-Nitrogen				
Nitrate-Nitrogen				
Total Kjeldahl Nitrogen				

2. Enter the estimated or determined percent solids of the sewage sludge when sampled for the above analysis: _____%

Treatment Provided for Sewage Sludge at the Facility:

1. Which class of pathogen reduction does the sewage sludge meet at the facility? (As defined in 40 CFR Part 503)

Class A

Alternative A1 – Time and Temperature

Alternative A2 – Alkaline Treatment

Alternative A3 – Analysis and Operation

Alternative A4 – Analysis Only

Alternative A5 – Process to Further Reduce Pathogens (PFRP)

Heat Drying Thermophilic Aerobic Digestion Heat Treatment

Pasteurization Gamma Ray Irradiation Beta Ray Irradiation Composting

Alternative A6 – PFRP Equivalent _____

Class B

Alternative B1 – Fecal Coliform Count

Alternative B2 – Process to Significantly Reduce Pathogens (PSRP)

Aerobic Digestion

Air Drying

Anaerobic Digestion

Composting

Lime Stabilization

Alternative B3 – PSRP Equivalent _____

Neither or Unknown

Vector Attraction Control:

- Option 1 – Minimum 38% Reduction in Volatile Solids
- Option 2 – Anaerobic Processes with Bench-Scale Demonstration of Volatile Solids Reduction
- Option 3 – Aerobic Processes with Bench-Scale Demonstration of Volatile Solids Reduction
- Option 4 – Specific Oxygen Uptake Rate (SOUR) for Aerobically Digested Sludge
- Option 5 – Aerobic Processes plus Elevated Temperature
- Option 6 – Raised pH to 12 and Retained at 11.5
- Option 7 – 75% Solids with No Unstabilized Solids
- Option 8 – 90% Solids with Unstabilized Solids
- Option 9 – Injection Below Land Surface
- Option 10 – Incorporation into Soil within 6 or 8 Hours
- Option 11 – Covering Active Sewage Sludge Unit Daily
- None of the Above

Groundwater Monitoring:

1. If disposal practice is surface disposal or land application, is groundwater monitoring required or performed at this site? Yes* No

*If yes, please submit a copy of the groundwater monitoring reports along with this survey. Also, please provide the approximate depth to groundwater and the groundwater monitoring procedures used to obtain the data.

Land Application of Sewage Sludge:

Answer the following questions if sewage sludge is applied to land.

1. If sewage sludge is land applied in bulk form, what type of crop or other vegetation is grown on this site?

Bermuda Hay

Rye Hay

2. If sewage sludge is land applied in bulk form, what is the nitrogen requirement for this crop or vegetation?

400 lbs per acre

3. If sewage sludge is land applied in bulk form, briefly describe the nature of any complaints filed from neighbors?

none

PLANT AND COLLECTION SYSTEM PERSONNEL INVENTORY

FACILITY NAME: Orange Beach WRF

PLANT GRADE: IV

PERMIT NUMBER: AL0081124

PLANT SUPERINTENDENT: Daniel Bodine

TEL. # 251-974-5617

SYSTEM MANAGER: _____

TEL. # 251-974-5617

PLANT OPERATORS:

	NAME	GRADE OR TRAINEE STATUS	OPERATOR NO.	EXP. DATE
1.	Robert Stalcup	IV	C002317	4-30-2026
2.	Daniel Bodine	IV	C004480	4-30-2027
3.	Joe Hawkins	IV	C005012	1-31-2028
4.	DillonFresh	IV	C008802	7-31-2026
5.	Eddie Osborne	IV	C011937	1-31-2029
6.	Lonnie Ard	IV	C005624	5-31-2028
7.	David McCormick	IV	C003258	4-30-2026
8.	Alice Taylor	IV	C119324	1-31-2028
9.	Jeff Hartley	IV	C001183	9-30-2026
10.	Robert James	IV	C000991	4-30-2029

COLLECTION SYSTEM OPERATORS:

1.	Jeff Fresh	IC	C000769	8-31-2028
2.	Jerry Davis	IC	C001855	4-30-2027
3.	Drudi Horton	IC	C000886	11-30-2028
4.	Rob Barnett	IC	C004823	8-31-2028

	MAN HRS./WK	NUMBER
MANAGEMENT/SUPERVISOR	40	2
OPERATOR(S):		
GRADE I-C	40	8
GRADE I		
GRADE II	40	1
GRADE III	40	2
GRADE IV	40	16
DESIGNATED TRAINEE(S)		
LABORATORY		
MAINTENANCE		
OTHER PLANT WORKERS		

AVERAGE NUMBER OF EMPLOYEES PER SHIFT:

1ST	6
2ND	2
3RD	2

START TIME	6:30AM
	11:00AM
	8:45PM

OPERATOR SHIFTS NORMALLY WORKED EACH DAY:

	SUN	MON	TUES	WED	THURS	FRI	SAT
1ST	2	4	4	4	4	4	2
2ND	2	2	2	2	2	2	2
3RD	2	2	3	2	2	2	2

ADEM USE ONLY

- DOES PLANT OPERATOR STAFFING COMPLY WITH DIVISION 10 OF ADEM ADMINISTRATIVE CODE?
- DOES COLLECTION SYSTEM OPERATOR STAFFING COMPLY WITH DIVISION 10 OF ADEM ADMINISTRATIVE CODE?

YES	NO

PLANT AND COLLECTION SYSTEM PERSONNEL INVENTORY

FACILITY NAME: Orange Beach WRF PLANT GRADE: IV
 PERMIT NUMBER: AL0081124
 PLANT SUPERINTENDENT: Daniel Bodine TEL. # 251-974-5617
 SYSTEM MANAGER: _____ TEL. # 251-974-5617
 PLANT OPERATORS: _____

	NAME	GRADE OR TRAINEE STATUS	OPERATOR NO.	EXP. DATE
1.	Michael Snow	IV	C002177	3-31-2027
2.	Olander Stewart	IV	C006679	9-30-2026
3.	Jason Fikes	IV	C000582	1-31-2028
4.	Brandan Sellers	IV	C007303	1-31-2028
5.	Keith Holland	IV	C010661	1-31-2028
6.	Chandler Petrey	IV	C010778	1-31-2028
7.	Terry Carlisle	III	C001918	4-30-2028
8.	Steohan Jones	III	C006673	12-31-2028
9.	Kyle Rogers	II	C006678	12-31-2028
10.				

COLLECTION SYSTEM OPERATORS:

1.	Kendal Black	IC	C010590	3-31-2029
2.	James Cooper	IC	C010855	1-31-2027
3.	Brandon Black	IC	C012090	1-31-2029
4.	Shelton Gilley	IC	C011959	1-31-2029

	MAN HRS./WK	NUMBER
MANAGEMENT/SUPERVISOR		
OPERATOR(S):		
GRADE I-C		
GRADE I		
GRADE II		
GRADE III		
GRADE IV		
DESIGNATED TRAINEE(S)		
LABORATORY		
MAINTENANCE		
OTHER PLANT WORKERS		

AVERAGE NUMBER OF EMPLOYEES PER SHIFT:

1ST		START TIME	
2ND			
3RD			

OPERATOR SHIFTS NORMALLY WORKED EACH DAY:

	SUN	MON	TUES	WED	THURS	FRI	SAT
1ST							
2ND							
3RD							

ADEM USE ONLY

1. DOES PLANT OPERATOR STAFFING COMPLY WITH DIVISION 10 OF ADEM ADMINISTRATIVE CODE?
2. DOES COLLECTION SYSTEM OPERATOR STAFFING COMPLY WITH DIVISION 10 OF ADEM ADMINISTRATIVE CODE?

YES	NO

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM) SANITARY SEWER OVERFLOW (SSO) EVENT REPORTING FORM

Purpose of Form: All publicly or privately owned wastewater treatment plants holding an NPDES permit are required to provide immediate notification to the Alabama Department of Environmental Management (ADEM), county public health officials, the public, and any other affected entity such as public water systems as soon as possible upon becoming aware of any notifiable sanitary sewer overflow (SSO) events.

A "notifiable SSO", as defined in ADEM Admin. Code r. 335-6-6-.02(hh), is an overflow, spill, release or diversion of wastewater from a sanitary sewer system that either (1) reaches a surface water of the State or (2) may imminently and substantially endanger human health based on potential for public exposure including but not limited to close proximity to public or private water supply wells or in areas where human contact would be likely to occur. Immediate notification shall be provided within 24 hours of becoming aware of the event. This immediate notification may be made either verbally to the Department's SSO Hotline at (334) 274-4200 or electronically to the Department's eSSO Electronic Reporting System. The follow-up report shall be submitted within five days of becoming aware of the SSO event using either this form or the Department's eSSO Electronic Reporting System.

Facilities are strongly urged to utilize the electronic system. Registration information for the Department's eSSO system can be found at the following link: (<https://e2.adem.alabama.gov/NPDES>).

Permittee Name: City of Orange Beach Permit Number: AL0081124

Facility Name: City of Orange Beach Wastewater Treatment Facility Facility County: Baldwin County

Date/Time¹ SSO Began: 9/30/2025 - 10:00am Is the SSO on-going? Yes No If no, Date/Time¹ SSO Stopped: 9/30/2025 - 2:00pm

Did the SSO occur during wet weather? Yes No

Was the SSO caused by an extreme weather event (e.g. hurricane) that flooded the entire sewer system? Yes No

If yes, describe the nature of the extreme weather event: _____

Note: For notifiable SSOs caused by an extreme weather event (e.g., hurricane) that floods the entire sewer system and are too numerous to count, the permittee is not required to provide information that cannot be practicably captured (e.g. latitude/longitude, source/structure, duration of the SSO, the estimated discharge volume, the receiving waterbody, the corrective actions taken, or the potential impacts).

REPORT ESTIMATED VOLUME DISCHARGED- REQUIRED

If estimated volume discharged is known, the VALUE section should be completed. If you only select a RANGE, you should be aware that the estimated volume discharged will be considered to be the largest value of the range selected.

VALUE	Estimated Volume Discharged: _____ gallons			
RANGE	<input type="checkbox"/> ≤ 1,000 gallons	<input type="checkbox"/> 1,000 < gallons ≤ 10,000	<input checked="" type="checkbox"/> 10,000 < gallons ≤ 25,000	<input type="checkbox"/> 25,000 < gallons ≤ 50,000
	<input type="checkbox"/> 50,000 < gallons ≤ 75,000	<input type="checkbox"/> 75,000 < gallons ≤ 100,000	<input type="checkbox"/> 100,000 < gallons ≤ 250,000	<input type="checkbox"/> 250,000 < gallons ≤ 500,000
	<input type="checkbox"/> 500,000 < gallons ≤ 750,000	<input type="checkbox"/> 750,000 < gallons ≤ 1,000,000	Any estimated volume above 1,000,000 gallons should be entered in the VALUE section	

Was the Department notified within 24 hours? Yes No Date/Time¹ of Notification: 9/30/2025

Method of notification: Verbal/Telephone Electronic via eSSO Other _____

If notification was not submitted via eSSO, person that notified the Department: _____ Phone Number: () -

Indicate source of discharge event: Manhole Lift Station Broken Line
 Cleanout Treatment Plant
 Other (describe): _____

County in which SSO occurred: Baldwin

Latitude/Longitude of discharge (REQUIRED) [Report coordinates in decimal degrees to the precision indicated (e.g. 32.463022°, -86.397067°)]:

Latitude 30 . 288115 ° Longitude - 87 . 638964 °

Location of discharge (street address, etc.):

22640 Canal Road

¹Time reported is assumed to be Central Time Zone, unless otherwise indicated.

Known or suspected cause of the discharge:

Flush out pipe leak

Destination of discharge: Ground Absorbed Storm Drain* *If the SSO discharge first entered a storm drain or drainage ditch, you must also provide the first named creek or river that receives the flow from that storm drain/drainage ditch.
 Backup into Building/Residence Drainage Ditch*
 Creek or River (name of the first named surface water the discharge reached): _____
 Other (describe): _____

Did the discharge reach a designated swimming water? Yes No Unknown

Monitoring of the receiving water (i.e. visual survey or water quality sampling) is: Complete (Monitoring results are attached or have been submitted to ADEM)
 Ongoing (Monitoring results will be submitted to ADEM upon completion)
 Not Performed

Was the affected area: Cleaned? Yes No Disinfected? Yes No

Are you aware of any other potential health or environmental impacts? No Yes If Yes, please describe:

Describe corrective actions taken, plans to eliminate future discharges, and actions or plans to mitigate impacts to the environment and/or public health (attach additional sheets if necessary):

The flush out and piping was eliminated and new pipe was installed and the entire area of leak was vacuum truck cleaned and sanitized.

Indicate efforts to notify public (check all that apply): Press Release Date: _____
 Placement of Signs Date: 9/30/2025
 Other (describe): _____ Date: _____
 Notice not required, because: _____

Indicate other officials notified (check all that apply): County Health Department Date: 9/30/2025
 State Health Department Date: _____
 Other (describe): _____ Date: _____
 Notice not required, because: _____

Other states notified: Florida Georgia Mississippi Tennessee

Were any public water supply intake locations affected? No Yes

If yes, who was notified: _____ Date: _____

I certify that I have personally examined and am familiar with the information submitted herein. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information to be true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

Signature of Responsible Official/Duly Authorized Representative: _____ Date: 9/30/2025

Name of Responsible Official/Duly Authorized Representative (type or print): Jeff Fresh

Title of Responsible Official/Duly Authorized Representative: Field Superintendant

ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (ADEM) SANITARY SEWER OVERFLOW (SSO) EVENT REPORTING FORM

Purpose of Form: All publicly or privately owned wastewater treatment plants holding an NPDES permit are required to provide immediate notification to the Alabama Department of Environmental Management (ADEM), county public health officials, the public, and any other affected entity such as public water systems as soon as possible upon becoming aware of any notifiable sanitary sewer overflow (SSO) events.

A "notifiable SSO", as defined in ADEM Admin. Code r. 335-6-6-.02(hh), is an overflow, spill, release or diversion of wastewater from a sanitary sewer system that either (1) reaches a surface water of the State or (2) may imminently and substantially endanger human health based on potential for public exposure including but not limited to close proximity to public or private water supply wells or in areas where human contact would be likely to occur. Immediate notification shall be provided within 24 hours of becoming aware of the event. This immediate notification may be made either verbally to the Department's SSO Hotline at (334) 274-4200 or electronically to the Department's eSSO Electronic Reporting System. The follow-up report shall be submitted within five days of becoming aware of the SSO event using either this form or the Department's eSSO Electronic Reporting System.

Facilities are strongly urged to utilize the electronic system. Registration information for the Department's eSSO system can be found at the following link: (<https://e2.adem.alabama.gov/NPDES>).

Permittee Name: City of Orange Beach Permit Number: AL0081124

Facility Name: City of Orange Beach Wastewater Treatment Facility Facility County: Baldwin County

Date/Time¹ SSO Began: 5/19/2025 - 8:00am Is the SSO on-going? Yes No If no, Date/Time¹ SSO Stopped: 5/19/2025 - 9:30am

Did the SSO occur during wet weather? Yes No

Was the SSO caused by an extreme weather event (e.g. hurricane) that flooded the entire sewer system? Yes No

If yes, describe the nature of the extreme weather event: _____

Note: For notifiable SSOs caused by an extreme weather event (e.g., hurricane) that floods the entire sewer system and are too numerous to count, the permittee is not required to provide information that cannot be practicably captured (e.g. latitude/longitude, source/structure, duration of the SSO, the estimated discharge volume, the receiving waterbody, the corrective actions taken, or the potential impacts).

REPORT ESTIMATED VOLUME DISCHARGED- REQUIRED

If estimated volume discharged is known, the VALUE section should be completed. If you only select a RANGE, you should be aware that the estimated volume discharged will be considered to be the largest value of the range selected.

VALUE	Estimated Volume Discharged: <u>2,500</u> gallons			
RANGE	<input type="checkbox"/> ≤ 1,000 gallons	<input type="checkbox"/> 1,000 < gallons ≤ 10,000	<input type="checkbox"/> 10,000 < gallons ≤ 25,000	<input type="checkbox"/> 25,000 < gallons ≤ 50,000
	<input type="checkbox"/> 50,000 < gallons ≤ 75,000	<input type="checkbox"/> 75,000 < gallons ≤ 100,000	<input type="checkbox"/> 100,000 < gallons ≤ 250,000	<input type="checkbox"/> 250,000 < gallons ≤ 500,000
	<input type="checkbox"/> 500,000 < gallons ≤ 750,000	<input type="checkbox"/> 750,000 < gallons ≤ 1,000,000	Any estimated volume above 1,000,000 gallons should be entered in the VALUE section	

Was the Department notified within 24 hours? Yes No Date/Time¹ of Notification: 5/19/2025

Method of notification: Verbal/Telephone Electronic via eSSO Other _____

If notification was not submitted via eSSO, person that notified the Department: _____ Phone Number: () -

Indicate source of discharge event: Manhole Lift Station Broken Line
 Cleanout Treatment Plant
 Other (describe): _____

County in which SSO occurred: Baldwin County

Latitude/Longitude of discharge (REQUIRED) [Report coordinates in decimal degrees to the precision indicated (e.g. 32.463022°, -86.397067°)]:

Latitude 30 . 278787 ° Longitude - 87 . 535329 °

Location of discharge (street address, etc.):

Ono Island Way

¹Time reported is assumed to be Central Time Zone, unless otherwise indicated.

Known or suspected cause of the discharge:

The lift station was air locked.

Destination of discharge: Ground Absorbed Storm Drain* *If the SSO discharge first entered a storm drain or drainage ditch, you must also provide the first named creek or river that receives the flow from that storm drain/drainage ditch.
 Backup into Building/Residence Drainage Ditch*
 Creek or River (name of the first named surface water the discharge reached): _____
 Other (describe): _____

Did the discharge reach a designated swimming water? Yes No Unknown

Monitoring of the receiving water (i.e. visual survey or water quality sampling) is: Complete (Monitoring results are attached or have been submitted to ADEM)
 Ongoing (Monitoring results will be submitted to ADEM upon completion)
 Not Performed

Was the affected area: Cleaned? Yes No Disinfected? Yes No

Are you aware of any other potential health or environmental impacts? No Yes If Yes, please describe:

Describe corrective actions taken, plans to eliminate future discharges, and actions or plans to mitigate impacts to the environment and/or public health (attach additional sheets if necessary):

We repaired the lift station.

Indicate efforts to notify public (check all that apply): Press Release Date: _____
 Placement of Signs Date: _____
 Other (describe): _____ Date: _____
 Notice not required, because: Spill was contained and disinfected in a small area. Area had a berm, we used vac trucks to contain fl

Indicate other officials notified (check all that apply): County Health Department Date: 5/19/2025
 State Health Department Date: _____
 Other (describe): _____ Date: _____
 Notice not required, because: _____

Other states notified: Florida Georgia Mississippi Tennessee

Were any public water supply intake locations affected? No Yes

If yes, who was notified: _____ Date: _____

I certify that I have personally examined and am familiar with the information submitted herein. Based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information to be true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

Signature of Responsible Official/Duly Authorized Representative: _____ Date: 5/19/2025

Name of Responsible Official/Duly Authorized Representative (type or print): Robert Stalcup

Title of Responsible Official/Duly Authorized Representative: Utilities Director



Facility Information

Facility Name: CITY OF ORANGE BEACH

NPDES ID: ALL081124

Program Information

Please select all of the following that apply to your obligation to submit a Sewage Sludge (Biosolids) Annual Report in compliance with 40 CFR part 503. The facility is:

- a POTW with a design flow rate equal to or greater than one million gallons per day

In the reporting period, did you manage your sewage sludge or biosolids using any of the following management practices: land application, surface disposal, or incineration?

YES NO

If your facility is a POTW, please provide the estimated total amount of sewage sludge produced at your facility for the reporting period (in dry metric tons). If your facility is not a POTW, please provide the estimated total amount of biosolids produced at your facility for the reporting period (in dry metric tons).

500.16

Reporting Period Start Date: 01/01/2025

Reporting Period End Date: 12/31/2025

Treatment Processes

Processes to Significantly Reduce Pathogens (PSRP):

Lime Stabilization

Processes to Further Reduce Pathogens (PFRP):

Physical Treatment Options:

Thickening (e.g., Gravity and/or Flotation Thickening, Centrifugation, Belt Filter Press, Vacuum Filter, Screw Press)

Other Processes to Manage Sewage Sludge:

Analytical Methods

Did you or your facility collect sewage sludge or biosolids samples for laboratory analysis? YES NO

Analytical Methods

- EPA Method 6010 - Arsenic (ICP-OES)
- EPA Method 6010 - Cadmium (ICP-OES)
- EPA Method 6010 - Chromium (ICP-OES)
- EPA Method 6010 - Copper (ICP-OES)
- EPA Method 6010 - Lead (ICP-OES)
- EPA Method 7471 - Mercury (CVAA)
- EPA Method 6010 - Molybdenum (ICP-OES)
- EPA Method 6010 - Nickel (ICP-OES)
- EPA Method 6010 - Zinc (ICP-OES)
- EPA Method 6010 - Beryllium (ICP-OES)
- EPA Method 351.2 - Total Kjeldahl Nitrogen
- Standard Method 4500-NH3 - Ammonia Nitrogen
- Standard Method 2540 - Total Solids
- Standard Method 2540 - Volatile Solids
- EPA Method 9045 - pH (> 7% solids)
- Standard Method 9221 - Fecal coliform

Sludge Management - Land Application

ID: 001

Amount: 500.16

Handler, Preparer, or Applier Type: Off-Site Third-Party Handler or Applier

Facility Information:

GreenSouth Solutions LLC
30043 Edward Road
Floral, AL 36442
US

Contact Information:

Dale Powell
Owner
334-858-2622

Amount Transferred (dry metric tons):

500.16

Management Practice Detail: Agricultural Land Application

Bulk or Bag/Container: Bulk

Pathogen Class: Class A EQ

Sewage Sludge or Biosolids Pathogen Reduction Options:

- Class A-Alternative 2: pH/Temperature/Percent Solids

Sewage Sludge or Biosolids Vector Attraction Reduction Options:

- Option 6 - Alkaline Treatment

Did the facility land apply bulk sewage sludge when one or more pollutants in the sewage sludge exceeded 90 percent or more of any of the cumulative pollutant loading rates in Table 2 of 40 CFR 503.13?

YES NO UNKNOWN

Monitoring Data

INSTRUCTIONS: Pollutants, pathogen densities, and vector attraction reduction must be monitored when sewage sludge or biosolids are applied to the land. Please use the following section to report monitoring data for the land application conducted by you or your facility in the reporting period for this SSUID. These monitoring data should be representative of the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID (40 CFR 503.8(a) (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_18)). All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis. EPA will be using these data to demonstrate compliance with EPA's land application requirements (40 CFR 503, Subpart B).

Compliance Monitoring Periods

INSTRUCTIONS: Please use the table below to identify the start date and end date for each compliance monitoring period. You can adjust the start and end dates as needed. Please note that the compliance monitoring periods cannot overlap and that each compliance monitoring period must have a start date that is equal to or less than the end date. The number of compliance monitoring periods is based on the number of metric tons (dry weight basis) of sewage sludge or biosolids land applied in the reporting period (summed across all land application SSUIDs). For example, you will need to provide monitoring data for 12 compliance monitoring periods for each land application SSUID when you land apply 15,000 or more metric tons (dry weight basis) of sewage sludge or biosolids (summed across all land application SSUIDs) in the reporting period (see 40 CFR 503.16 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_116)).

Compliance Monitoring Event No. 1	Compliance Monitoring Period Start Date:	Compliance Monitoring Period End Date:
	01/01/2025	03/31/2025

Do you have analytical results to report for this monitoring period? YES NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

YES NO

Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	=	9.8	
Cadmium	<	3	

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Copper	=	217	
Lead	=	5.7	
Mercury	=	0.52	
Molybdenum	<	6	
Nickel	<	23.9	
Selenium	<	12	
Zinc	=	1200	

Pathogen And Vector Attraction Reduction

Report the pathogen densities in the sewage sludge or biosolids that was applied to land during the reporting year for this SSUID. Please report the maximum pathogen density for Class A sewage sludge or biosolids. When using the Class B – Alternative 1 management option, please report the geometric mean of the density of fecal coliform in Class B sewage sludge or biosolids [see 40 CFR 503.32(b) (2)].

Sewage Sludge or Biosolids Parameter	Pathogen Reduction Selected Alternatives	Value Qualifier	Value	If No Data, Select One Of The Following
Fecal Coliform	Class A-Alternative 2: pH/Temperature/Percent Solids	=	11.3	
Salmonella	Class A-Alternative 2: pH/Temperature/Percent Solids	=		

Note: Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) ([https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31\(f\)](https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f)))]. The following units should be used for pathogen data (see 40 CFR 503.32 (<https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32>)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
 - When using the Class B - Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	=	9.8	
Cadmium	<	3	
Copper	=	217	
Lead	=	5.7	
Mercury	=	0.52	
Nickel	<	23.9	
Selenium	<	12	
Zinc	=	1200	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate-Nitrite)	=	52000	

Compliance Monitoring Event No. 2

Compliance Monitoring Period Start Date:
04/01/2025

Compliance Monitoring Period End Date:
06/30/2025

Do you have analytical results to report for this monitoring period? YES NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

YES NO

Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	7.3	
Cadmium	<	3.7	
Copper	=	237	
Lead	=	7.4	
Mercury	=	0.59	
Molybdenum	<	7.3	
Nickel	<	29.2	
Selenium	<	14.6	
Zinc	=	1460	

Pathogen And Vector Attraction Reduction

Report the pathogen densities in the sewage sludge or biosolids that was applied to land during the reporting year for this SSUID. Please report the maximum pathogen density for Class A sewage sludge or biosolids. When using the Class B – Alternative 1 management option, please report the geometric mean of the density of fecal coliform in Class B sewage sludge or biosolids [see 40 CFR 503.32(b) (2)].

Sewage Sludge or Biosolids Parameter	Pathogen Reduction Selected Alternatives	Value Qualifier	If No Data, Select One Of The Following	
			Value	Following
Fecal Coliform	Class A-Alternative 2: pH/Temperature/Percent Solids	=	10.9	
Salmonella	Class A-Alternative 2: pH/Temperature/Percent Solids	=		

Note: Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) ([https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31\(f\)](https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f)))]. The following units should be used for pathogen data (see 40 CFR 503.32 (<https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32>)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
 - When using the Class B - Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric mean of the results of seven individual samples of sewage sludge.

- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	7.3	
Cadmium	<	3.7	
Copper	=	237	
Lead	=	7.4	
Mercury	=	0.59	
Nickel	<	29.2	
Selenium	<	14.6	
Zinc	=	1460	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate-Nitrite)	=	61100	

Compliance Monitoring Event No. 3

Compliance Monitoring Period Start Date:
07/01/2025

Compliance Monitoring Period End Date:
09/30/2025

Do you have analytical results to report for this monitoring period? YES NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

YES NO

Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	8.5	
Cadmium	<	4.3	
Copper	=	289	
Lead	=	11.7	
Mercury	=	0.58	
Molybdenum	<	8.5	

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Nickel	<	34.2	
Selenium	<	17.1	
Zinc	=	2110	

Pathogen And Vector Attraction Reduction

Report the pathogen densities in the sewage sludge or biosolids that was applied to land during the reporting year for this SSUID. Please report the maximum pathogen density for Class A sewage sludge or biosolids. When using the Class B – Alternative 1 management option, please report the geometric mean of the density of fecal coliform in Class B sewage sludge or biosolids [see 40 CFR 503.32(b) (2)].

Sewage Sludge or Biosolids Parameter	Pathogen Reduction Selected Alternatives	Value Qualifier	Value	If No Data, Select One Of The Following
Fecal Coliform	Class A-Alternative 2: pH/Temperature/Percent Solids	=	10.5	
Salmonella	Class A-Alternative 2: pH/Temperature/Percent Solids	=		

Note: Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) ([https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31\(f\)](https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f)))]. The following units should be used for pathogen data (see 40 CFR 503.32 (<https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32>)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
 - When using the Class B - Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	8.5	
Cadmium	<	4.3	
Copper	=	289	
Lead	=	11.7	
Mercury	=	0.58	
Nickel	<	34.2	
Selenium	<	17.1	
Zinc	=	2110	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate-Nitrite)	=	61900	

Compliance Monitoring Event No. 4

Compliance Monitoring Period Start Date:
10/01/2025

Compliance Monitoring Period End Date:
12/31/2025

Do you have analytical results to report for this monitoring period? YES NO

Are you reporting maximum pollutant concentrations that are equivalent to the monthly average pollutant concentrations for this compliance monitoring event? [For example, this will be the case if you only collected and analyzed one sample of sewage sludge or biosolids for this compliance monitoring period.]

YES NO

Maximum Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the maximum pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. In accordance with 40 CFR 503.13(a) (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113), EPA's regulations prohibit land application of bulk sewage sludge or sewage sludge sold or gave away sewage sludge in a bag or other container when one or more sewage sludge pollutant concentrations in the sewage sludge exceed a land application ceiling pollutant limit (Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113)). EPA will compare the pollutant concentrations in this section against the ceiling concentration limits in Table 1 of 40 CFR 503.13 (http://www.ecfr.gov/cgi-bin/text-idx?node=pt40.32.503&rgn=div5#se40.32.503_113) to identify noncompliance events. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Please only select a "No Data Indicator Code" if you are reporting no data for the sampling period or particular parameter.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	9.1	
Cadmium	<	4.5	
Copper	=	251	
Lead	=	8.8	
Mercury	=	0.79	
Molybdenum	<	9.1	
Nickel	<	36.2	
Selenium	<	18.1	
Zinc	=	1880	

Pathogen And Vector Attraction Reduction

Report the pathogen densities in the sewage sludge or biosolids that was applied to land during the reporting year for this SSUID. Please report the maximum pathogen density for Class A sewage sludge or biosolids. When using the Class B – Alternative 1 management option, please report the geometric mean of the density of fecal coliform in Class B sewage sludge or biosolids [see 40 CFR 503.32(b) (2)].

Sewage Sludge or Biosolids Parameter	Pathogen Reduction Selected Alternatives	Value Qualifier	If No Data, Select One Of The Following	
		Value	Value	Following
Fecal Coliform	Class A-Alternative 2: pH/Temperature/Percent Solids	=	10.1	
Salmonella	Class A-Alternative 2: pH/Temperature/Percent Solids	=		

Note: Pathogenic organisms are disease-causing organisms. These include, but are not limited to, certain bacteria, protozoa, viruses, and viable helminth ova [see 40 CFR 503.31(f) ([https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31\(f\)](https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.31#p-503.31(f)))]. The following units should be used for pathogen data (see 40 CFR 503.32 (<https://www.ecfr.gov/current/title-40/chapter-I/subchapter-O/part-503/subpart-D/section-503.32>)):

- Density of fecal coliform in the sewage sludge shall be reported as Most Probable Number per gram of total solids (dry weight basis).
 - When using the Class B - Alternative 1 management option, the density of fecal coliform in the sewage sludge shall be reported as Most Probable Number or Colony Forming Units per gram of total solids (dry weight basis) expressed as the geometric mean of the results of seven individual samples of sewage sludge.
- Density of Salmonella sp. bacteria in the sewage sludge shall be reported as Most Probable Number per four grams of total solids (dry weight basis).
- Density of enteric viruses shall be reported as plaque-forming unit per four grams of total solids (dry weight basis).
- Density of Helminth Ova. shall be reported as viable helminth ovum per four grams of total solids (dry weight basis).

Monthly Average Pollutant Concentration Data for All Sewage Sludge or Biosolids Applied to Land

This section summarizes the monthly average pollutant concentrations in the biosolids or sewage sludge that was applied to land during the compliance monitoring period for this SSUID. All pollutant monitoring data should be reported in milligrams per kilogram (mg/kg), dry weight basis.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis or Pass/Fail)	If No Data, Select One Of The Following
Arsenic	<	9.1	
Cadmium	<	4.5	
Copper	=	251	
Lead	=	8.8	
Mercury	=	0.79	
Nickel	<	36.2	
Selenium	<	18.1	
Zinc	=	1880	

Report the average concentration (mg/kg, dry weight basis) of Total Nitrogen (TKN plus Nitrate-Nitrite, as N) in the sewage sludge or biosolids that was applied to land during the compliance monitoring period for this SSUID.

Sewage Sludge or Biosolids Parameter	Value Qualifier	Parameter Concentration (mg/kg, dry-weight basis)	If No Data, Select One Of The Following
Total Nitrogen (TKN plus Nitrate-Nitrite)	=	67900	

Sludge Management - Surface Disposal

Sludge Management - Incineration

Sludge Management - Other Management Practice

Additional Information

Please enter any additional information that you would like to provide in the comment box below.

Additional Attachments

Name	Created Date	Size

Certification Information

Form has not yet been certified.



**REGULAR COMMITTEE OF THE WHOLE MEETING
APRIL 21, 2026**

Departments: City Clerk

Description of Topic: Resolution authorizing the execution of a task order with Foth Infrastructure & Environment, LLC, to perform engineered beach annual monitoring in the amount of \$59,200. (PW)

Background/Description:

Action Options/Recommendation:

Source of Funding (if applicable):

ATTACHMENTS:

1. 05-06-26 26-xxx Authorize Task Order Foth Olsen Engineered Beach Monitoring
2. 2026.04.16 Task Order Foth Infrastructure Beach Monitoring

RESOLUTION NO. 26-xxx

**A RESOLUTION AUTHORIZING THE EXECUTION OF A
TASK ORDER WITH FOTH INFRASTRUCTURE & ENVIRONMENT, LLC, TO PERFORM
ENGINEERED BEACH ANNUAL MONITORING
IN THE AMOUNT OF \$59,200**

FINDINGS:

1. The Orange Beach City Council, by Resolution No. 24-157, adopted August 6, 2024, approved a contract with Foth Infrastructure & Environment, LLC, to perform certain professional engineered beach restoration and monitoring services (“the Contract”).
2. The Contract authorized work to be assigned by one or more task orders approved from time to time by the City Council.
3. The City’s Coastal Resources Department has submitted the Task Order (attached Exhibit A) for Council approval.
4. The proposed Task Order requires Foth Infrastructure & Environment, LLC, to perform beach and borrow area surveys and analyses for the 2026 Year-2 annual physical monitoring of the three-party Orange Beach/Gulf State Park/Gulf Shores Beach Restoration Project, as directed by the Alabama Department of Environmental Management Permit #COE-2011-274 and its associated physical monitoring plan.
5. The scope of work described in the Task Order is authorized by the Contract and furthers public health, safety, and welfare.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ORANGE BEACH, ALABAMA, AS FOLLOWS:

1. That the Mayor is hereby authorized to execute the Task Order as presented to Council between the City of Orange Beach and Foth Infrastructure & Environment, LLC, on behalf of the City of Orange Beach subject to final approval by the City Attorney;
2. That the City Council authorizes payment to Foth Infrastructure & Environment, LLC, in the amount of \$59,200.00 to complete the Task Order as presented; and
3. That this Resolution shall become effective immediately upon its adoption.

ADOPTED THIS 6th DAY OF MAY, 2026.

Renee Eberly
City Clerk

C E R T I F I C A T E

I, Renee Eberly, City Clerk of the City of Orange Beach, Alabama, do hereby certify that the foregoing is a true and correct copy of Resolution No. 26-xxx, which was duly and legally adopted at a regular meeting of the City Council on May 6, 2026.

City Clerk



**AGREEMENT FOR SERVICES
WORK ORDER No. 2026-1**

Project Title: 2026 Year 2 Physical Monitoring **FOTH Project Number:** TBD
CLIENT Project Number: _____
(If applicable)

This Work Order (in addition to and subject to the conditions contained in the Master Agreement for Services dated **August 13, 2024**), (hereinafter "Work Order"), is made and entered into this **10th** day of **April, 2026**, by and between **FOTH INFRASTRUCTURE & ENVIRONMENT, LLC**, (hereinafter "Consultant") and **City of Orange Beach, AL**, (hereinafter "Client"), for the services described under the Scope of Services (the "Services").

Client: City of Orange Beach, AL
Address: PO Box 458, 4697 Walker Avenue, Orange Beach, AL 36561
Phone No: 251-981-1180 **Email Address:** pwest@orangebeachal.gov;
nwoerner@orangebeachal.gov

Scope of Services: Client hereby agrees to retain Consultant to perform the following Services:

See Exhibit A

(Any additional description required is contained in Exhibit A, if applicable.)

Schedule: Services shall be performed according to the following schedule:

April 2026 – October 2026

Compensation: In consideration of these Services, the Client agrees to pay Consultant compensation as follows:

- Lump-Sum in the amount of \$59,200.00
- Unit Cost/Time Charges (Standard Rates) with a total amount not-to-exceed \$ _____ .00
- Unit Cost/Time Charges (Standard Rates) for an estimated cost of \$ _____ .00
- Other as stated here:

Special Conditions (if any):


Entire Agreement: This Work Order, along with other approved project-specific Work Orders, together with and subject to the Master Agreement for Services referenced above, constitutes the entire understanding between the parties with respect to the subject matter hereof. This Work Order may be modified by subsequent written addenda mutually agreeable by both parties.

IN WITNESS WHEREOF, this Agreement is accepted on the date first written above, subject to the terms and conditions above stated and the provisions set forth herein.

CLIENT

FOTH INFRASTRUCTURE & ENVIRONMENT, LLC

Signed: _____
Name (printed): _____
Title: _____
Date: _____

Signed: 
Name (printed): Albert E. Browder, Ph.D., P.E.
Title: Senior Client Team Lead
Date: 4/10/2026

Signed: 
Name (printed): Kaitlyn Cross
Title: Project Manager
Date: 4/10/2026

Exhibit A



2618 Herschel Street
Jacksonville, FL 32204
(904) 387-6114
foth.com

April 10, 2026

Phillip West
Director, Coastal Resources
City of Orange Beach, AL
PO Box 458, 4697 Walker Avenue,
Orange Beach, AL 36561

**Re: 2026 Year-2 Annual Physical Monitoring for Engineered Beach Project
Orange Beach/Gulf State Park/Gulf Shores Beach Restoration Project
Orange Beach – Romar Beach and Perdido Key**

Dear Mr. West:

Foth Infrastructure & Environment, LLC (Foth) is pleased to submit this proposal for services related to year two (2) coastal monitoring for the Orange Beach, Gulf State Park, and Gulf Shores Beach Restoration Project under ADEM permit # 2011-274.1 WQC-COE-IP and USACE DA Permit #SAM-2011-0687.

This Work Order presents the scope and cost for the year two (2) physical monitoring survey of engineered beach conditions in Orange Beach along the Romar Beach and Perdido Key segments of the Orange Beach/Gulf State Park/Gulf Shores Beach Restoration Project, as required by the project permits and associated physical monitoring plan. The proposed beach profile surveys and analyses will document current conditions of the engineered beach and establish baseline conditions prior to the 2026 storm season.

This Work Order reflects Orange Beach's share of the monitoring effort for the overall three-party project. Survey costs have been prorated based on shoreline length, while the analyses supporting the unified monitoring report are divided equally among the three parties. Accordingly, this Task Order addresses only the Orange Beach portion of the annual monitoring program.

All survey work will be completed by a professional survey firm under the direction of a Certified Hydrographic Surveyor, with field efforts anticipated in Summer 2026. Analyses will be supported by the most recent available digital aerial orthophotography obtained through a subscription service.

Scope of Work

The purpose of the task is to conduct the 2026 Year-2 annual physical monitoring of the three-party Orange Beach/Gulf State Park/Gulf Shores Beach Restoration Project, as directed by the Alabama Department of Environmental Management Permit #ADEM-2011-274-WQC and its associated physical monitoring plan.

The monitoring likewise is conducted as part of the ongoing Beach Monitoring and Maintenance Plan for the engineered beach project to support and maintain the eligibility of the project for

FEMA assistance in the event of a declared disaster (e.g., damaging tropical storm impact). The total monitored area extends over eighteen miles, from just east of the AL/FL State Line, to just beyond the Laguna Key subdivision in Gulf Shores, including established survey monuments B-04 eastward to monument A-97 (98 transects, see Figure 1). No borrow area surveys are proposed for this round of annual physical monitoring. The project was last nourished between 30 October 2023 and 04 February 2024.

1. Subtask 1.0 – Beach Profile Survey Transects

Consistent with the physical monitoring plan and previous surveys of the project shoreline, a certified hydrographic surveyor (subcontractor) will conduct the beach and offshore project surveys for the Year-2 annual physical monitoring. This data shall be collected in accordance with the Standards of Practice for Surveying in the State of Alabama, as published by the Alabama Society of Professional Land Surveyors, and in general conformance with the Florida Department of Environmental Protection Physical Monitoring Standards for coastal monitoring projects as referenced below.

- ◆ Alabama Society of Professional Land Surveyors, Standards of Practice for Surveying in the State of Alabama, <https://www.aspls.org/standards>
- ◆ Florida Department of Environmental Protection, Physical Monitoring Standards, <https://floridadep.gov/sites/default/files/PhysicalMonitoringStandards.pdf>

A total of 98 beach and offshore profile lines, designated B-04 through A-97, shall be surveyed, and the resulting data shall be provided to the Engineer. This includes thirty-nine (39) profiles within Orange Beach, twelve (12) profiles within Gulf State Park, and forty-seven (47) profiles within Gulf Shores, as shown in Figure 2.

Foth will also provide ongoing coordination and liaison services with the Client, the survey subcontractor, and adjacent Bon Secour National Wildlife Refuge personnel for profile lines B-04 through A-01.

1.1 Deliverables

- ◆ Surveyor shall provide to the Engineer (and Owner) electronic copies of the survey data in the prescribed datums.
- ◆ Surveyor shall likewise provide to Engineer (and Owner) an electronically-signed PDF-format set of the survey drawings.
- ◆ Plots of historical beach profiles shall be prepared by the Engineer and provided as part of the analyses (Subtask 2.0). Plots of recent aerial photography, at a scale of 1":500' or 1":600' shall be provided.

2023-2024 BEACH RENOURISHMENT: Orange Beach / Gulf State Park / Gulf Shores Beach Restoration Project Baldwin County, AL

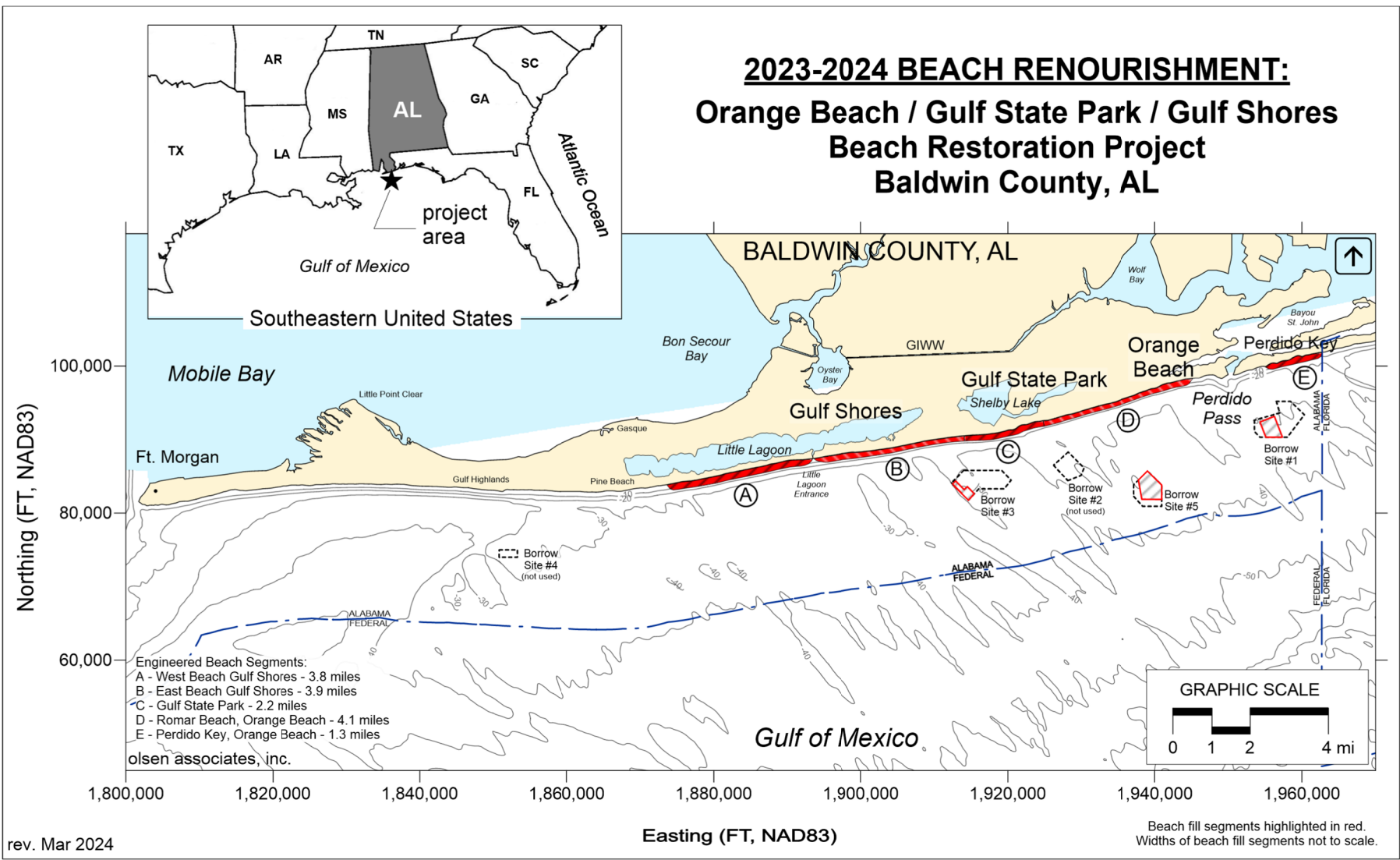


Figure 1. Location map – Orange Beach/Gulf State Park/Gulf Shores Beach Restoration Project – Baldwin County, AL. Plotted borrow sites indicate the 2023-2024 site limits (Borrow Sites #2 and #4 were not utilized in 2023-2024). Monitoring lines extend west and east beyond the fill limits shown.

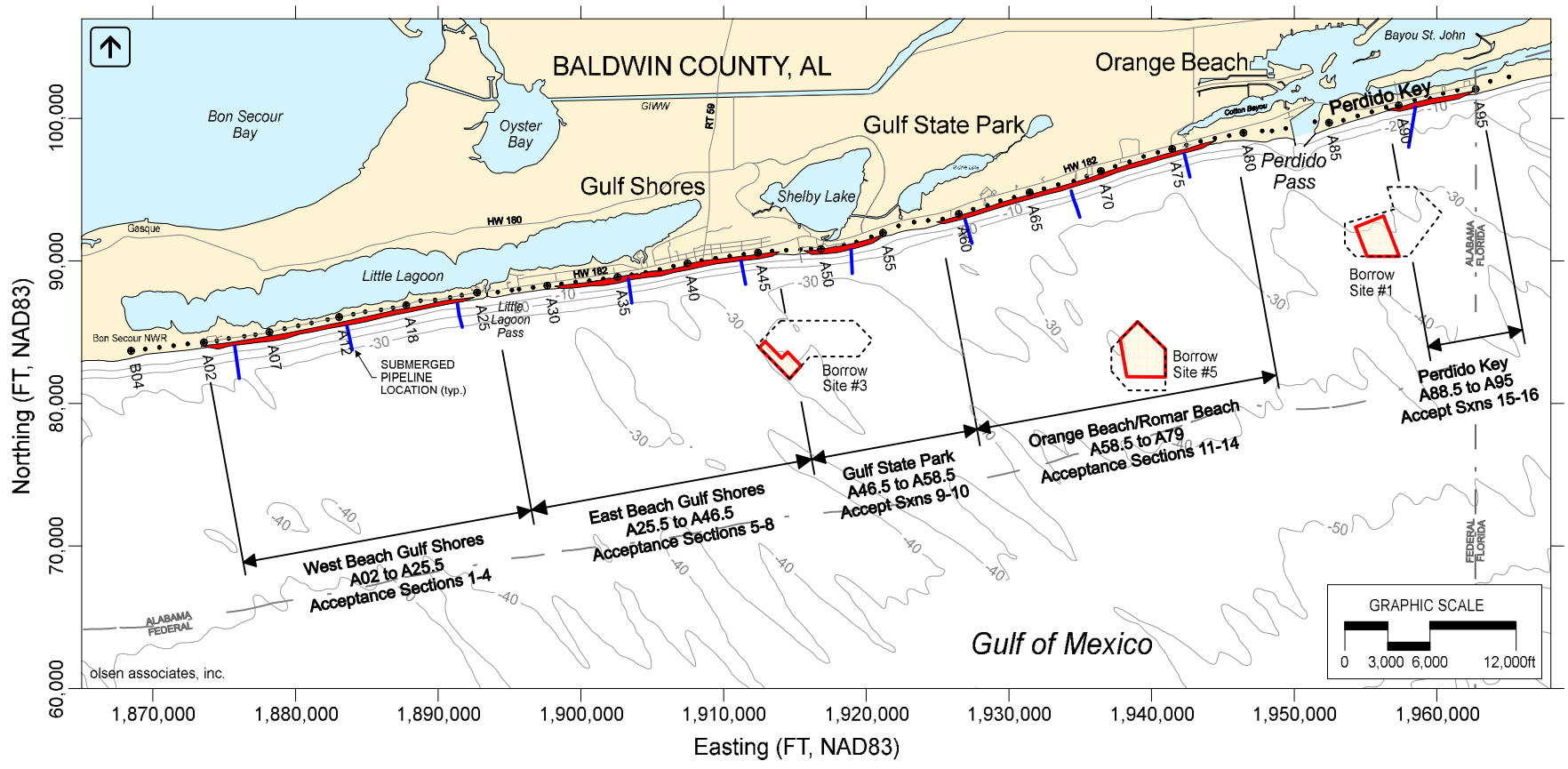


Figure 2. Project Limits and Monument Locations for the 2023/2024 renourishment of the Orange Beach / Gulf State Park / Gulf Shores Beach Restoration Project.

2. Subtask 2.0 - QA/QC, analyses, management, engineering and reporting, regulatory documentation.

The Consultant shall prepare a detailed annual project monitoring report. The purpose of the report shall be to update the project database prior to the upcoming tropical storm season, summarize the annual and cumulative changes in the beach conditions, and assess project performance. The report shall include graphic presentations of temporal and cumulative changes of selected beach contours over time. Volumetric changes at each survey profile and throughout the limits of fill shall be computed and presented in tabular and graphic forms in a segment-by-segment fashion. Aerial photography will be utilized to further analyze shoreline changes that may occur between survey lines (beach cusps, rhythmic bar features, etc.). Analyses shall discuss shoreline change trends, potential cause and effect relationships, building proximity (and vulnerability) to the MHWL, storm impacts, and other littoral impacts. Net changes to the adjacent shorelines shall be assessed.

Aerial photography - The analyses and collected beach profile data shall be supplemented by recent digital aerial orthophotography, as available. Foth will review the most recent available digital color orthophoto imagery for the project area obtained through the Nearmap subscription service for incorporation into the monitoring analyses and graphics.

The Report of findings shall be submitted annually approximately 120 days subsequent to each major monitoring survey. The surveys, aerials, and reports have proven invaluable in documenting not only pre-storm conditions for FEMA-declared disasters (Hurricanes Ivan, Dennis, Katrina, Gustav, Ike, Ida, Isaac, Nate, and Sally) but also providing clear information regarding the efforts of the three-party Owner group in maintaining an engineered beach eligible for post-disaster assistance from FEMA. This eligibility is critical for the post-storm restoration of the project.

Task 2 includes the preparation of the following:

- ◆ Contract and Subcontractor management,
- ◆ Data quality control and quality assurance,
- ◆ Data assimilation/formatting per contract specifications,
- ◆ Permit maintenance and annual reporting to regulatory agencies (ADEM, COE, DCNR),
- ◆ Client assistance with beach tilling operations (if and when necessary),
- ◆ Update of post-construction history:
 - Overall project history
 - Storms
 - Wave climate for prior year
 - Other beach impacts
 - Beach maintenance activities
- ◆ Update of previous-year sea turtle nesting activities upon project shoreline,
- ◆ Analysis of shoreline position changes (graphical and tabular data created):

- Most recent annual intersurvey-period
- Since renourishment (2023-2024)
- Since restoration (pre-restoration dates vary)
- Interpretation of aerial photography and effects of alongshore variations
- ◆ Analysis of beach volume changes (graphical and tabular data created):
 - Most recent annual intersurvey-period
 - Since renourishment (2023-2024)
 - Since restoration (pre-restoration dates vary)
 - Analysis of percentage of placed sand remaining
 - Interpretation of aerial photography and effects of alongshore variations
- ◆ Interpretation and summary of overall project performance
 - Relative to design intent
 - Relative to particular beach impacts experienced
- ◆ Recommendations for future activities,
- ◆ Preparation of historical beach profile plots, including most recent survey,
- ◆ Preparation of shoreline aerial maps,
- ◆ Assembly of submittals
- ◆ Document preparation and distribution
 - Electronic copy of report (PDF format)

2.1 Deliverables

- ◆ Electronic copies of the monitoring report and appendices shall be provided in *.PDF format to the Owner group and to the appropriate regulatory and State agencies. NOTE that the report will encompass the entire project area shoreline (18 miles).
- ◆ Survey data shall be provided in *.PDF and ASCII text formats as appropriate. Electronic data shall be transmitted via e-mail or digital download link from Foth.

Cost Proposal

Table 1 Cost Proposal

Task	Budget
Year-2 Annual Physical Conditions Survey and Analysis	\$59,200
TOTAL	\$59,200

Statement of Assumptions and Exclusions

Foth reserves the right to request additional modifications to this task based on services performed outside of the scope of this proposal. Foth shall perform all work on this contract in accordance with the following terms:

- ◆ Quotations are offered on Lump Sum Fee basis based on the conditions stated herein. Foth reserves to right to request modifications to the scope of work and task durations, if deemed necessary by the Client. All additional work shall be approved in writing by the client and billed on actual hours worked based on our standard 2026 rate schedule.
- ◆ Scope of work shall be limited to the areas mentioned in this proposal. Additional charges shall apply if the number and/or locations are modified.
- ◆ All field work associated with this proposal will be performed under the following assumptions and exclusions:
 - Prices quoted assume we have sufficient notice to plan our activities to take advantage of favorable weather conditions. Foth has not included contingencies for extremes of weather conditions.
 - All additional site and safety training as well as any meetings requested by the client shall be billed at our standard hourly rates.
 - Foth has assumed there will be reasonable coordination of work schedules to allow access to the survey areas. No allowances have been made for standby or lost travel time caused as a result of facility and/or weather-related delays when sufficient notice is not given.

Foth would like to sincerely thank the City of Orange Beach for their time and consideration of our proposal. We appreciate the opportunity to continue our support of this project. If you have any questions or concerns, please do not hesitate to contact us with any questions.

Sincerely,

Foth Infrastructure & Environment, LLC



Albert E. Browder, Ph.D., P.E.
Senior Client Manager
Licensed in FL, AL



Kaitlyn Cross
Kaitlyn Cross
Project Manager

cc: Nicole Woerner (City)



**REGULAR COMMITTEE OF THE WHOLE MEETING
APRIL 21, 2026**

Departments: City Clerk

Description of Topic: Set a public hearing date for an ordinance amending Ordinance No. 172, the Zoning Ordinance, Case No. 0408-PUDA-26, Moondance PUD, Boat Slips. (Suggested date 5/19/2026) (GP)

Background/Description:

Mark Keel Construction, on behalf of Two Fish Properties LLC, requests approval for a minor modification to the Moondance Planned Unit Development (PUD) Master Plan to permit 16 finger piers (slips) on the existing common pier in the Moondance Subdivision.

Action Options/Recommendation:

Source of Funding (if applicable):

ATTACHMENTS:

None



**REGULAR COMMITTEE OF THE WHOLE MEETING
APRIL 21, 2026**

Departments: City Clerk

Description of Topic: Set a public hearing date for an ordinance amending Ordinance No. 172, the Zoning Ordinance, Case No. 0411-PUD-25, The Wharf Landing Residential District PUD. (Suggested date 5/19/2026) (GP)

Background/Description: Sawgrass Consulting LLC, on behalf of The Wharf Landing LLC, requests preliminary and final PUD approval to rezone 28+ acres from General Business (GB) to Planned Unit Development (PUD) for a single-family residential development containing 142 lots. This project will be on Lot 1 of The Wharf Landing Phase 3 Subdivision and Lot 2 of The Wharf Landing Phase 4 Subdivision, located in the Margaritaville Resort on Margaritaville Way and Brown Lane.

Action Options/Recommendation:

Source of Funding (if applicable):

ATTACHMENTS:

None