



**AGENDA
HARBOR AND WATERWAYS BOARD MEETING
THURSDAY, JUNE 27, 2024
5:30 PM
DESTIN CITY HALL ANNEX CHAMBERS**

- 1. CALL TO ORDER/PLEDGE OF ALLEGIANCE/ROLL CALL**
- 2. APPROVAL OF MINUTES**
 - A) April 25, 2024 Minutes**
 - B) May 23, 2024 Minutes**
- 3. NEW BUSINESS**
 - A) Draft Land Development Code Marina Siting Section of the Draft Article 7 – Resource Conservation & Protection**
 - B) Livery Definition**
- 4. COMMITTEE MEMBER REPORTS**
- 5. DIRECTOR'S REPORT**
 - A) Mooring Field Discussion**
 - B) Harbor Water Testing Report**
- 6. PUBLIC COMMENTS**
- 7. NEXT MEETING DATE: July 25, 2024**

Any person requiring a special accommodation at this hearing because of a disability or physical impairment should contact the City Clerk at (850) 837-4242 at least 48 hours prior to the hearing. If a person decides to appeal any decision made with respect to any matter considered at such meeting, such person will need a record of the proceeding and for such purpose may need to ensure that a verbatim record of the proceeding is made, which record includes the testimony and evidence upon which the appeal is to be based. (Sec. 286.0105, Florida Statutes)

**MINUTES OF THE
HARBOR AND WATERWAYS BOARD MEETING
DESTIN CITY HALL, APRIL 25, 2024 - 5:30 P.M.**

1. CALL TO ORDER:

Chairman Hoey called the Destin Harbor and Waterways Board meeting to order at approximately 5:30 p.m. on Monday, April 25, 2024, at Destin City Hall, with the Pledge of Allegiance immediately following.

2. ROLL CALL:

Member Present:

Jim Green
Bill McKissick
Richard Hoey
Guy Tadlock
Casey Jones

Members Absent

Jerod Hayden

Staff:

Kim Montgomery Deputy City Clerk
Steven O'Connor Principal Planner
Daniel Butler Senior Planner
Tina Deater Planner
Kim Kopp City Attorney

3. APPROVAL OF MINUTES:

None for this meeting

4. NEW BUSINESS:

A. Residential Marine Construction application (HWB-001361-2024) at 510 Vera Cruz Drive

City Planner Tina Deater explained the basic details of the request to the members and staff has deemed that the request meets all the requirements of the Land Development Code (LDC) and recommends approval of the marine construction project proposed at 510 Vera Cruz Drive, for the replacement of an existing dock with a new marginal dock along ninety (90) feet of shoreline, which will extend into the canal by no more than six (6) feet, and is approximately 487 square feet over water, with the following conditions:

- **All applicable Federal or State approvals shall be submitted with the marine construction permit application; and**
- **All regulations of the City's Marina Siting LDC Section 11.05.00 shall be adhered to and followed at all times.**

Motion by Board member Tadlock, seconded by Board member Jones to recommend the approval by Council for the replacement of an existing dock with a new marginal dock along ninety (90) feet of shoreline, which will extend into the canal by no more than six (6) feet, and is approximately 487 square feet over water, with the conditions. The motion passed 5-0.

B. Net Positive Environmental Benefit (NPEB) Fee – LDC 11.05.02.N

According to Mr. O'Connor, staff failed to add to the Article the private lakes language in the city are not beholden to the Marina Siting and the Board's review, as discussed and determined at their last meeting, and he will make sure it is added before their next review. Additionally, Board member Hoey was the only comments received for additional markups, which they will be reviewing, and those are:

- For Markup #1 projects, if the language for State Certified in the criteria simply states, ***"If self-certified at the State level"*** instead of stating the exact square footage language, as in the past, it read ***"1,000 square feet."*** However, if the square footage at the State level should ever change, by not including the exact square footage (***1,000 square feet***) language in the criteria, the Marina Siting Article and the LDC would not have to go through the amendment process. Noting the whole reason for the rewrite to streamline the process to make it easier for the citizens, as well as staff.
- For Markup #2, The language ***"is connected to the uplands of the MHWL"*** is proposed to be added to the maximum allowable dock length subsection. The members agreed to the language, ***"Two hundred feet of the most seaward portion of the MHWL out 200-feet, as close as perpendicular to the shoreline as possible."***
- For Markup #3, Board member Hoey recommends the following language to be added, ***"10-foot for marginal docks is required without providing prior written notification to the adjoining landowners."***

There was a brief discussion regarding the harbor boardwalk and the easements.

- Mark-Up #4: The language ***"copy of the online Permit Request Electronic Submission Receipt"*** is suggested to be added to the Building Permit requirements for a marine construction project. Staff has already relocated any mention of process or building permit requirements to Article 2. More specifically, LDC Rewrite Section 2.14.03.E.3 requires all applicable state and federal approvals be submitted when applying for a building permit, which is more stringent than the language provided. Therefore, Staff has not made this revision.
*The members agreed with this markup.

Mark-Up 5: The language ***"setbacks from property line"*** is proposed to be added to the site plan requirements for a marine construction permit application, and Staff has added this language. Mr. O'Connor emphasized, because there seems to be a lot of misunderstanding with the members of the public, how the city does not have a riparian line setback requirement, the State does. The City only requires the property owners to be notified, and the letter that is sent to the adjacent property owners explicitly states that the proposed dock is within the setback. Additionally,

the certified mail language is added to the draft. So, once approved, all letters will be sent by certified mail.

5. DIRECTOR REPORT:

A) Net Positive Environmental Benefit (NPEB) Fee-Discussion

Mr. O'Connor reviewed what was discussed at their last meeting as well as what Board member Hayden proposed for discussion. He explained the Finance Director Krystal Stickland is also in attendance to provide insight on the financial side of the costs associated with the harbor.

Ms. Stickland explained the importance of keeping in mind that when setting fees, balancing the individual benefit v. public benefit. She further explained that all the taxpayers in the city give a portion of their property taxes to public benefit which are dedicated to keeping the harbor clean.

The members and staff discussed at length the history of the NPEB, how and why it was created and how the fund was incorrectly mishandled up to the recent past, including allowing a large amount of funds go to the State from a large project on the harbor instead of the NPEB fund by past Council. Additionally, they discussed how much is needed to get the fund solvent as well as other means of funding sources including assistance from the TDC.

Board member Hoey suggested staff research how other cities in the nation deal with keeping their harbor waters clean and implement some of their solutions.

Chairman Green spoke of how he feels the city should be responsible for funding any additional monies that are needed outside of an amortization schedule.

The Finance Director, Krystal Strickland suggested fixing the NPEB permit fee to make it simple, such as a one set simple fee to cover the cost of the inspections and an example of per slip fee of \$33.00, to make it as equitable as possible.

Motion by Chairman Green recommend to the City Council that the current NPEB fee be maintained and the liability of the funds for the NPEB not covered, come from the General Fund with Board member Jones providing the second. After additional discussion regarding the 25%, 10 % & 7% that Council did not approve of, Chairman Green amended his motion to Modify the existing fee structure so that tier one is 10%, tier two at 10% for the canals and commercial is tier three of 25% and anything that is not covered by that, the city would make up the difference from the General Fund for the cost of maintaining the harbor. The motion passed with a unanimous vote of 5-0.

6. BOARD MEMBER COMMENTS:

Board member Tadlock stated that he would like to discuss at their next meeting water quality issues from the results of water testing samples and the run times of the pump.

Board member Jones stated that he does not want to see the people that have purchased property to live on the harbor to have to pay and feels that the people that come here to enjoy the beaches, to fish, and boat in the harbor should be the ones to pay to keep it clean.

Board member Hoey thanked Ms. Strickland for helping them work through the NPEB discussion and recommendation.

7. ADJOURNMENT:

With there being no further discussion, the meeting adjourned at 7:45 p.m.

Adopted and approved this _____ day of _____ 2024.

Jim Green , Chairman

Kim Montgomery, Deputy City Clerk

**MINUTES OF THE
HARBOR AND WATERWAYS BOARD MEETING
DESTIN CITY HALL, MAY 23, 2024 - 5:30 P.M.**

1. CALL TO ORDER:

Chairman Hoey called the Destin Harbor and Waterways Board meeting to order at approximately 5:30 p.m. on Thursday, May 23, 2024, at Destin City Hall, with the Pledge of Allegiance immediately following.

2. ROLL CALL:

Member Present:

Jim Green
Bill McKissick
Richard Hoey
Guy Tadlock
Casey Jones
Jerod Hayden

Staff:

Kim Montgomery Deputy City Clerk
Steven O'Connor Principal Planner
Daniel Butler Senior Planner
Tina Deater Planner
Kim Kopp City Attorney

3. APPROVAL OF MINUTES:

➤ **March 28, 2024 Minutes**

Motion by Board member Jones, seconded by Board member McKissick to approve the March 28, 2024 minutes as written. The motion passed 6-0.

4. OLD BUSINESS:

➤ **Draft Land Development Code Marina Siting Section of the Draft Article 7 – Resource Conservation & Protection**

Mr. Daniel Butler Senior Planner explained this is the draft from their past discussions on how docks are to be measured and provided a graphic on how Principal Planner Mr. Steve O'Connor interpreted their intent, and asked the members if there is anything that may need to be corrected or added.

Chairman Green stated that he feels starting at the most seaward portion of the Mean High Water Line (MHWL) was their intent to start the measuring process. Mr. Butler stated they would draw a perpendicular line for the developable area from that most waterward point of the property. Board member Hoey requested language be added regarding the 25-foot riparian setback requirements so there is no confusion for those notification requirements.

Board member Tadlock spoke of the need to include language about double the cost of the permit fees for not pulling permits prior to construction. According to Mr. Butler, he believes the language is in the Citation section of the Code and asked the City Attorney, Kimberly Kopp, if

that is indeed the case. According to Ms. Kopp, they could definitely add language so that it is understood regarding permit violations.

Motion by Chairman Green, seconded by Board member McKissick, to include the standard penalty fee for improper or lack of permitting for marine construction by doubling the cost for the permit. There was additional discussions on the steps that the city can take by issuing stop works and even making the nonpermitted structure be torn down, and the owner having to come before the board for approval. With no further discussion on the motion, the Chairman called for the vote and **the motion passed 6-0.**

Motion by the Chairman Green for the Harbor & Waterways Board to recommend City Council approve the proposed language in section 7.02 Marina Siting of the draft Article 7, Resource Conservation Protection as presented including changes to Section 7.02.04, Section A., Item II (Two) the last word, restrictive being changed to waterward and adding riparian lines to the figure 7.02-1, Notating where notifications have to be sent out to adjacent property owners. Board member Jones provided the second. The motion passed 6-0.

6. BOARD MEMBER COMMENTS:

Board member Hoey – Spoke of the submission receipt that people get from the State for their permits on their business portal, and feels that it should be required in the Marina Application submission so that staff knows in advance that it is in the approval process by the State.

Motion by Board member Hoey recommends City Council to accept the verbiage change in 2.14.03, Item C., to replace the joint application form used by USCOE & FDEP with a receipt of submission from the FDEP indicating that the application has been applied for, with Board member McKissick providing the second. The Chairman asked staff if this would compromise the process. According to staff, it would not. **The motion passed 6-0.**

Board member Tadlock – Mr. Tadlock spoke of how crowded the harbor is getting with it being summertime and how he is still concerned with water quality. He spoke of the data that he received from the city and how the flushing pump's past run times have not been optimal. However, now that there is a variable speed pump installed, it is running full time and the water quality seems to be in better shape. He also suggested for staff to review the sample reports and provide the board with a better report on the status of the water quality on a regular basis.

According to the Chairman, he agrees that they should have a more comprehensive report on the water quality than what is currently available, more testing sites, and a longer run time for the harbor pump, and what could be done going forward with the NPEB.

Council member Stephens explained what type of water testing the Choctawhatchee Basin Alliance does and how the Health Department does the testing for Fecal Chloroform.

Motion by Board member Tadlock for Council to request staff to provide a monthly update on harbor pump run times and water lab data, with Board member Hoey providing the second. Board member Hayden stated that he feels asking for the information monthly may be too soon for staff to provide it and suggests quarterly. Board member Tadlock agreed and stated he feels quarterly basis would be sufficient. **Chairman Green amended the motion for a monthly run time report for the harbor pump and a quarterly analysis report for the water quality. The motion passed 6-0.**

Chairman Green explained a Bareboat/Demise Charters are where the vessel owner enters into a rental agreement with a client and, the renter of the charter is responsible for everything, or the owner can provide a list of captains and crew for the renter to hire but, that owner has nothing to do with the hiring of the crew. He further explained how the state has passed a law that requires Bareboat Charters to be now listed as livery vessels adding that this will be discussed further at the June 12, 2024, Harbor CRA meeting.

Council member John Stephens spoke of a docket that explains what a bareboat and pleasure boat/small passenger boats are and recommended they get copies of that document prior to the Harbor CRA meeting and provide it to the members. Additionally, he mentioned that has invited Lt. Nealis of the Coast Guard to attend that meeting, and to be included in the process. He described how this came about by being hidden in a Congressional Bill that got passed.

7. ADJOURNMENT:

With there being no further discussion, the meeting adjourned at 6:50 p.m.

Adopted and approved this _____ day of _____ 2024.

Jim Green , Chairman

Kim Montgomery, Deputy City Clerk

CITY OF DESTIN – COMMUNITY DEVELOPMENT



AGENDA ITEM

MEETING DATE: June 27, 2024

BOARD/COMMITTEE: Harbor & Waterways Board

TYPE OF AGENDA ITEM: Action Item

OUTLINE NUMBER: 3.A.

TO: Harbor & Waterways Board

THRU: Louis Zunguze, City Manager
Kyle Bauman, Special Projects Attorney
Steve O'Connor, Principal Planner

FROM: Daniel Butler, Senior Planner

DATE: June 14, 2024

SUBJECT: Draft Land Development Code Marina Siting Section of the Draft Article 7 – Resource Conservation & Protection

I. BACKGROUND: On April 5, 2021, Staff brought the Scope of Work and Budget to completely rewrite the **Land Development Code (LDC)** for approval to the City Council, both of which were approved unanimously. Since that time, Staff has worked with the 3TP Consultants to move forward diligently and systematically with drafting the new LDC. This work to date has involved the following:

- **Review of Comprehensive Plan Policies**
- **Developing Planning Areas and their associated Intent Statements**
- **Review of the LDC text chapter by chapter**

II. DISCUSSION: The LDC Rewrite Project is a complete reorganization and update to the development standards and regulations for the City of Destin. Currently, the **Marina Siting** section is located in *Article 11 – Coastal Management and Conservation*.

The reorganization of the regulations has taken all procedural processes and placed them in *Article 2 – Administration*. Meaning, all marine projects' application review and approval processes by the **Harbor and Waterways Board (HWB)** and **City Council** (if applicable) is proposed to be located there, as discussed with the **HWB** in April 2023. On the other hand, the specific development standards are proposed to be placed in *Section 7.02 – Marina Siting of Article 7 – Resource Conservation & Protection*.

Section 7.02 – Marina Siting

This section focuses on the proposed Marina Siting specific regulations and development standards. The attached **Section 7.02** lists all the development standards that an applicant must meet when proposing a residential or commercial dock. The language included in the proposed **Marina Siting Section 7.02** is significantly less than what is currently in **11.05.00 – Marina Siting** due to the reorganization of the LDC, i.e:

- 1. Relocating the application and review procedures from the current Marina Siting regulations to *Article 2 - Administration, and*
- 2. Removing the language that is more appropriately located within the Code of Ordinances.

The HWB has previously reviewed the Marina Siting regulations twice now and given positive feedback on what has been presented. However, during the April 24, 2024 HWB meeting, Board Member Hoey recommended a new way of determining “dock length” and where to begin the measurement. Currently, dock length is allowed within a buffer of the allowed length from mean high water line (MHWL).

SECTION 7.02.04 DIMENSIONAL AND DENSITY LIMITATIONS

A. Length 1. The following table includes the maximum dock length allowed for any new dock construction or modifications. For the purposes of this subsection, lots may be combined with neighboring lots, however no dock may exceed the limitations outlined in this Section

Dock Location	Maximum Length Allowed
Any waterfront property not adjacent to Choctawhatchee Bay or zoned South Harbor Mixed Use (SHMU)	notThe width of the lot at the mean high-water line, or 20% of the width of the adjacent waterway at the place the pier is connected to the uplands, whichever is less.
Waterfront property with uplands zoned South Harbor Mixed Use (SHMU)	1.5 times the width of the lot at the mean high-water line, or 20% of the width of the adjacent waterway at the place the pier is connected to the uplands, whichever is less.
Waterfront property adjacent to Choctawhatchee Bay.	1.5 times the width of the lot at the mean high-water line, or 200 feet, whichever is less.
Waterfront Property with less than 50 feet of waterfront shoreline.	No individual dock is allowed, unless parallel to the shoreline (marginal dock). Marginal docks shall not be wider than six (6) feet. Docks may be allowed if lots are combined with neighboring lots in accordance with this section

Member Hoey suggested rather than a buffer, to allow a max distance measured from the waterward most point of the MHWL waterward to the allowed distance then create a “box” within the riparian lines that shows the area of marina development.

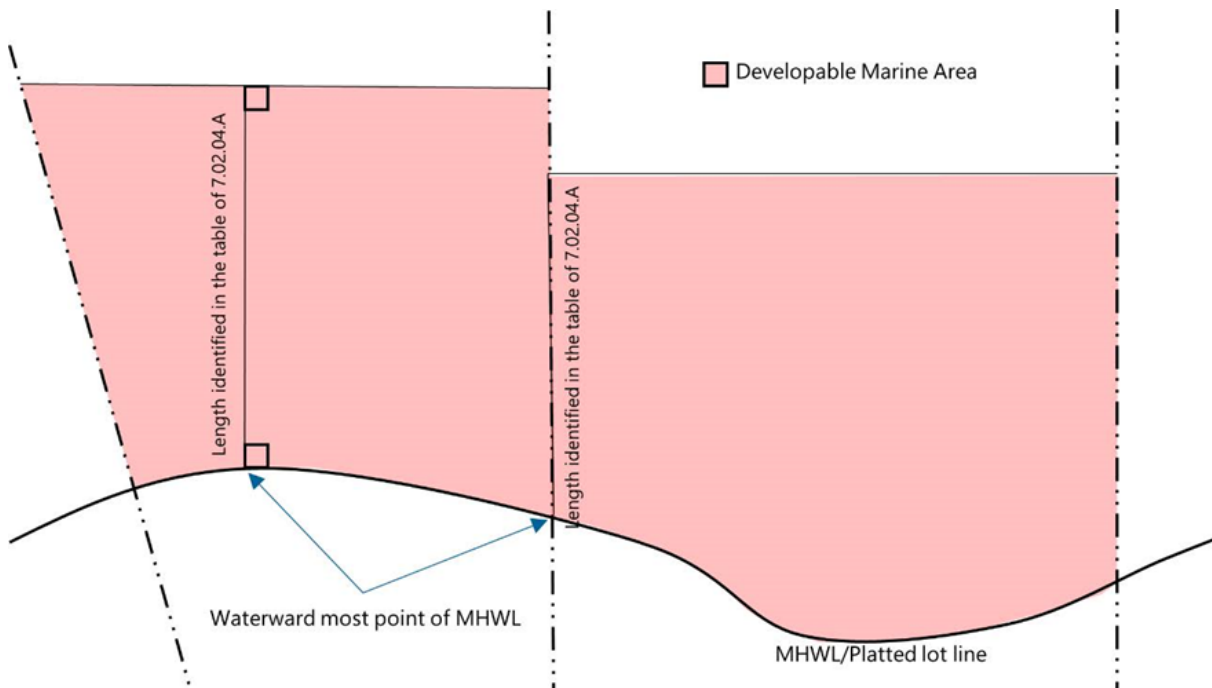
Staff created language and a graphic for the HWB's review and consideration based on the discussion. If the Board is good with the language and graphic Staff will proceed with posting this to the website for public review. Otherwise, please provide comments on how to improve upon what Staff is presenting.

- 2. *Measurement of length shall start at the waterward most point of the Mean High Water*

Line or platted lot line which ever is more restrictive. See Design Manual Section 8.00 - Measurements for diagram and drawing to show how to measure.

3. From the waterward most point identified per paragraph 2 above a perpendicular line drawn waterward the distance allowed per the chart in Paragraph A above.

4. At the maximum distance of length allowed above another perpendicular line is drawn from between the identified or implied riparian lines.



A. Link to Strategic Goals / Objectives: #2. Enhanced quality of life and safety for families

#3. Economic development and revitalization

#4. Effective, efficient, and aesthetically pleasing infrastructure

#6 A green and sustainable environment.

B. Effect on Budget (EOB): Budget for this work is already approved.

C. Level of Service (LOS): Develop and implement processes for consistent and streamlined application of codes and procedures.

D. Legislative Sponsor:

III. CONCLUSION: Staff is seeking a positive recommendation of the proposed development regulations for marine facilities as presented in **Section 7.02 – Marina Siting** of the draft **Article 7 of the LDC**. Any recommendations the Board provides will be incorporated into a report for the **Local Planning Agency (LPA)** and **City Council's** consideration and review before going back forward with the final draft development.

STAFF RECOMMENDATION: Staff recommends the Harbor & Waterways Board forward a positive recommendation to the Local Planning Agency for the proposed Marina Siting language.

IV. RECOMMENDED MOTION: I move that the Harbor & Waterways Board forward a

positive recommendation to the Local Planning Agency for the proposed language of *Section 7.02 – Marina Siting* of the Draft *Article 7 – Resource Conservation & Protection* as presented.

ALTERNATE MOTION: I move that the Harbor & Waterways Board forward a positive recommendation to the Local Planning Agency for the proposed language of *Section 7.02 – Marina Siting* of the Draft *Article 7 – Resource Conservation & Protection* with the following additional regulations ().

Attachments:

1. 1 - Draft Article 7

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ARTICLE 7 - RESOURCE CONSERVATION AND PROTECTION

SECTION 7.01 ENVIRONMENTAL & NATURAL RESOURCE PROTECTION

SECTION 7.01.01 PURPOSE

- A. The purpose of this Section is to provide regulations intended to protect the City's existing environmental and natural resources, especially the coastal resources. Therefore, this Section intends to establish regulations to mitigate the impacts of floods, protect and restore wetlands, limit the impact of development, and enhance the quality of life and property.
- B. It is also the purpose of this Section to ensure that publicly funded infrastructure shall not be built within any Coastal High Hazard Area (CHHA) unless the facility is for any of the following:
 1. Protection of public health and safety
 2. Creation of open space
 3. Implementation of beach restoration
 4. Shoreline erosion protection programs

SECTION 7.01.02 BAY SHORELINE PROTECTION ZONE

- A. The Bay Shoreline Protection Zone is applicable to properties lying within the City limits along the waterfront of Choctawhatchee Bay, Joe's Bayou, Marler Bayou and Indian Bayou. This zone is defined as a 50-foot buffer that begins at the mean high-water line and extends landward 50 feet. This buffer zone shall consist of preserved native vegetation, including canopy, understory, and ground cover.
- B. The following regulations shall apply to all development and redevelopment within the Bay Shoreline Protection Zone of the City:
 1. No native vegetation shall be removed from the coastal or wetland shoreline without a duly authorized permit from the city and state agencies, as applicable.
 2. The minimum setback for principal habitable structures shall be 50 feet from the mean high-water line.
 - a. If the 50-foot setback cannot be achieved due to depth of property prior to platting of lots, right-of-way easements, utility easements, or access easements existing at the time of adoption of this ordinance, the maximum width achievable shall be provided.
 - b. An applicant claiming inability to comply with the 50-foot setback requirement because of the above-stated causes must submit documentation certified by an engineer as to the limitations on the property which make compliance impossible.
 - c. Minor structures and accessory uses are allowed within this buffer zone, provided these improvements do not constitute more than 40 percent of the square footage within the buffer zone.
 - i. These improvements shall comply with **Section 6.08.00** of this Code.
 3. Other uses and activities permitted in the Bay Shoreline Protection Zone are those that are compatible with the protection and conservation of the areas, as described below:
 - a. Scenic, historic, wildlife, or scientific preserves,
 - b. Minor maintenance or emergency repair to existing structures or improved areas, and
 - c. Bulkheads and/or seawalls along or within property lines.

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SECTION 7.01.03 GULF SHORELINE PROTECTION ZONE

- A. The Gulf Shoreline Protection Zone consists of the area that commences at the mean high-water line and runs to and includes ten feet (10') landward of the primary dune system.
1. The 10' landward area of the dune system shall function as a buffer, and shall be planted with native plantings, excluding trees.
 2. Whenever any construction activity is to be undertaken in the area between the CCCL and the landward limit of the Gulf Shoreline Protection Zone, and such construction would alter any portion of the primary dune, the City shall require the implementation of an FDEP approved Beach and Dune Restoration Plan to mitigate any damage which would result from the construction.
 - a. Proof of FDEP review shall be submitted at the time of Development Order application.
 - b. Proof of FDEP approval shall be submitted at time of construction permitting.
 3. Public expenditures within any Gulf Shoreline Protection Zone shall comply with the LDC and shall be limited to the following:
 - a. Recreational uses,
 - b. Protection or restoration of valuable natural resources, or
 - c. Increase the public's access to the shoreline.
- B. Prohibitions
1. The following activities shall be prohibited within the Gulf Shoreline Protection Zone:
 - a. Construction of buildings and structures
 - b. Removal of vegetation, except as allowed pursuant to an approved FDEP permit,
 - c. Planting of new vegetation except for native, salt-resistant species suitable for beach and dune stabilization,
 - d. Installation of temporary or permanent coastal armoring, unless a Building Permit is obtained, and all construction complies with applicable Federal, State, and Local regulations.
 - e. Exceptions
 - i. Minor structures authorized by FDEP; albeit the minimum setback for construction within properties fronting the Gulf of Mexico shall not be less than 50 feet from the mean high-water line.
 - ii. The prohibitions listed above shall not apply to construction landward of the Coastal Construction Control Line nor to any structure or activity permitted by FDEP.
 - iii. Beach Boxes for beach recreational equipment are permitted on private beached provided they meet the following regulations:
 - (a) No excavation can occur to set or establish a beach box
 - (b) Beach boxes shall not exceed the following dimensions:
 - (i) Height:
 - (ii) Depth/Length:
 - (iii) Width:
 - (c) Location:
 - (i) Shall stay off any and all vegetation.
 - (ii) Primary dune setback: A beach box shall be located between five feet (5') and fifteen feet (15') from the waterward primary dune line.

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- (iii) At no time shall a beach box be located in a way to obstruct the traversing of any individual or vehicle.
 - (d) Number:
 - (i) No more than one (1) box per fifty feet (50') of water frontage.
 - (e) Color:
 - (i) All beach boxes shall be painted white or off white.
- C. Dune enhancement.
 - 1. All persons constructing elevated boardwalks on property located in the Gulf Shoreline Protection Zone shall include in their plans provisions to enhance and revegetate the dune system on their property.
- D. The following development standards shall apply to all development located within the Gulf Shoreline Protection Zone:
 - 1. Point source and non-point source discharges are prohibited, except for stormwater, in accordance with **Section 7.05.02** of this Article.
 - 2. Siltation and erosion control measures shall be applied to stabilize disturbed areas during and after construction. Sediment settling ponds shall be installed for stormwater runoff prior to the creation of any impervious surfaces. For lots or parcels that are cleared, silt screens shall be placed between the construction site and the water body to prevent erosion and siltation.

SECTION 7.01.04 WHITE SAND PROTECTION ZONES

- A. The purpose of this Section is to prohibit and/or regulate the use of clays, sand-clay mixtures or any other material subject to wind and water transport that can be potentially discoloring to the natural white sands and to the waters of the City, and to regulate and require permitting for use of these materials in other areas of the City. The provisions of this Section shall apply to all types of construction.
- B. Approvable Materials
 - 1. Zone 1: White sand must be used as fill material in a White Sand Zone 1.
 - 2. Zone 2: White sand, sandy soil which is indigenous to Zone 2, or other sandy soil which is as light or lighter than the undisturbed indigenous soil on site may be used in Zone 2.
 - 3. Special purpose materials, as described below, may be used within a White Sand Zone 1 or 2:
 - a. Discoloring material used for horticulture and landscaping may be used if discoloration is limited to the planted area by containment safeguards. Any discoloration to public or other private property is unlawful. It shall be the responsibility of the permitted property owner to clean and restore any discolored public or other private property affected by the landscaping or horticultural activity.
 - b. Beneath building foundations, parking lots, and roadbeds, limestone, dolomite, crushed lime rock, and other similar stabilizing materials containing no red clay, red sand, tan sand, or other adversely deeply tinted material, may be used if both of the following measures have been incorporated:
 - i. The material is contained by a concrete curb or solid concrete block wall extending not less than one foot below grade and as deep as necessary to provide containment.
 - ii. The material must be covered by a permanent cover such as asphalt, concrete or other appropriate material within five (5) calendar days (120 hours) of placement.

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- (a) If it is not practical to permanently cover the material until the completion of construction, the material must be physically sealed by a wind- and water-resistant membrane as soon as possible, in no case more than five (5) calendar days (120 hours) after its placement, and must be permanently covered at the completion of construction prior to the issuance of a Certificate of Occupancy or Completion, whichever is applicable.
- c. Driveways and parking lots within any White Sand Zone may use oyster shell, granite, or washed, coarse aggregate rock meeting FDOT standards for final driveway or parking lot material, provided these materials shall be contained to those areas and shall not be spread elsewhere on the site as fill material.
 - i. Driveways and parking lots within White Sand Zone 1 shall contain these materials by utilizing a concrete curbing that extends no less than one (1) foot below grade.
- 4. Reconstruction & Redevelopment
 - a. At any time of reconstruction or redevelopment where previously utilized materials that are not compliant with this Section are disturbed, the nonconforming materials/soils shall be removed from the site and from the zone using safeguards to prevent discoloring the natural sand and water at the site and adjacent properties. Such removal shall be completed within five (5) business days.
 - i. If the native soil of such site does not comply with this Section, the applicant shall demonstrate that the use of the native soil shall not alter or adversely affect the surrounding properties.
 - ii. In no case shall any red clay, red dirt, or other staining material be allowed to remain on site.

SECTION 7.01.05 ENVIRONMENTALLY SENSITIVE AREAS

- A. The purpose of this Section is to protect the City's Environmentally Sensitive Areas (ESAs), which have special environmental attributes worthy of retention or special care to maintain habitat, open space, and wildlife corridors; provide stormwater management, filtration, flood, and erosion control benefits; and protect surface ground water quality.
 - 1. At a minimum, Norriego Point and all lands within the defined Coastal High Hazard Area (CHHA) and any functioning wetlands, as defined by United States Army Corps of Engineers (USACE) and Florida Department of Environmental Protection (FDEP) shall be included.
 - 2. A developer shall obtain a determination of the boundaries of a protected Environmentally Sensitive Area and submit to the City with development applications. Such applications shall include an adequate description of the land the developer wishes to develop, the nature of the developer's right to ownership or control of the land, and other information pertinent to the project.
 - 3. Development plans submitted to the City shall comply with applicable federal, state and water management district regulations relating to Environmentally Sensitive Areas. In all cases, the strictest of the applicable standards shall apply.
 - a. Such development plans shall include a Wetland Report, prepared by appropriately licensed engineers, biologists, landscape architects, or other similar design or land planning experts.
- B. Wetland Protection Zones

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1. The boundaries of this zone shall be the most landward extent of the following:
 - a. Areas within the dredge and fill jurisdiction of the Florida Department of Environmental Protection as authorized by F.S. Ch. 403.
 - b. Areas within the jurisdiction of the U.S. Army Corps of Engineers as authorized by Section 404, Clean Water Act, or Section 1, River and Harbor Act.
 - c. Areas within the jurisdiction of the Northwest Florida Water Management District.
 - d. It shall be the responsibility of the owner/applicant to coordinate with all federal, state, and local agencies to determine if the property lies within any jurisdictional wetlands.
2. Development activities allowed within Wetland Protection Zones.
 - a. Certain activities are presumed to have an insignificant adverse effect on the beneficial functions of Wetland Protection Zones.
 - b. These activities may be undertaken unless it is shown by competent and substantial evidence that the specific activity would have a significant adverse effect on the Wetland Protection Zone.
 - c. For the reasons described above, the following uses and activities are permitted within a Wetland Protection Zone, provided it does not conflict with any other provisions of this Code:
 - i. Scenic, historic, wildlife or scientific preserves.
 - ii. Minor maintenance or emergency repair to existing structures or improved areas.
 - iii. Cleared walking trails having no structural components.
 - iv. Timber catwalks and docks four (4) feet or less in width.
 - v. Cultivating agricultural or horticultural products that occur naturally on the site.
 - vi. Developing an area that no longer functions as a wetland, except a former wetland that has been filled or altered in violation of any rule, regulation, statute, or this Code.
 - (a) Such evidence shall be provided by the applicant to FDEP for review.
3. The following special design standards apply to any development within Wetland Protection Zones:
 - a. Wherever possible, natural buffers shall be retained between all development and all Wetland Protection Zones.
 - i. If a natural buffer does not exist, an equivalent buffer shall be created.
 - ii. The size of the buffer shall meet the minimum requirements as defined by the Northwest Florida Water Management District (NFWFMD) to prevent significant adverse effects on the protected area.
 - iii. At no point shall a buffer have less than an average width of twenty-five feet (25'), with a minimum width of fifteen feet (15').
 - b. The developer shall completely restore any portion of a wetland protection zone damaged during construction.
 - i. Complete restoration means that the damaged area shall, within five years, be operating as effectively as the natural system did prior to being destroyed.
 - c. Other reasonable protective measures necessary to prevent significant adverse effects on a Wetland Protection Zone may be required. Protective measures may include, but are not limited to:
 - i. Maintain natural drainage patterns,

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- ii. Limiting the normal removal of vegetation to the minimum amount necessary to conduct the development activity,
 - iii. Expeditiously replanting disturbed areas,
 - iv. Stabilizing banks and other unvegetated areas by siltation and erosion control measures,
 - v. Minimizing the amount of fill used in the development activity,
 - vi. Disposing of dredged spoil at specified locations in a manner causing minimal environmental damage,
 - vii. Constructing channels at the minimum depth and width necessary to achieve their intended purposes and designing them to prevent slumping and erosion and allow revegetation of banks,
 - viii. Dredging wetlands at times of minimum biological activity to avoid periods of fish migration and spawning and other cycles and activities of wildlife,
 - ix. Designing, locating, constructing, and maintaining all development in a manner that minimizes environmental damage,
 - x. Prohibiting septic tanks, or
 - xi. Requiring the developer and successor to record deed restrictions and other legal mechanisms to protect the environmentally sensitive areas and maintain the development.
- d. The City Council may require additional environmental protection measures to provide sufficient protection for Wetland Protection Zones.
- e. Clustering Development
 - i. In the case that any proposed development is located on property with wetlands, the allowable density and/or intensity of the total site shall be applied to the developable area outside of the wetlands.
 - ii. In no case shall the proposed density and/or intensity be greater than the allowable density of the total site.
 - iii. Clustering development allowances only apply if the developer does not build within the wetlands, and all protective measures, as identified above, are implemented to reduce adverse impacts to the wetlands.
- C. Coastal Marsh Vegetation Protection Zones
 - 1. This Section shall apply to any property that contains coastal marsh vegetation.
 - 2. Regulations for structures built over Coastal Marsh Vegetation Protection Zones
 - a. The structure shall be designed to have the smallest footprint practicable.
 - b. The elevation of the structure shall be a minimum of eight feet (8') above the coastal marsh vegetation area floor level.
 - c. The width of the structure shall be limited to a maximum of four feet (4').
 - d. The structures shall be aligned in a north-south direction wherever practicable.
 - 3. Prohibited acts in Coastal Marsh Vegetation Protection Zones
 - a. No person shall remove, cut, or alter the natural growth of coastal marsh vegetation.
 - b. No herbicide or pesticide is to be used on coastal marsh vegetation.
 - c. No placement of riprap on coastal marsh vegetation or within five feet (5') of coastal marsh vegetation.
 - d. No placement or construction of seawalls in areas containing coastal marsh vegetation.

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- e. No storage of hazardous chemicals or materials.
- 4. Exceptions to prohibited acts in Coastal Marsh Vegetation Protection Zones
 - a. Walls may be built as upland retaining walls with a minimum distance of five feet (5') upland of the coastal marsh vegetation.
- 5. The following standards apply to post-development activities taking place within any Coastal Marsh Vegetation Protection Zones.
 - a. Point source and non-point source discharges.
 - i. Absent an amendment to a development order, point source and non-point source discharges shall continue to meet the standards applicable to the original development.
 - b. Clearing
 - i. Absent an amendment to a development order, no person shall clear more vegetation than was permitted for the original development.
 - c. Handling and storage of fuel, hazardous/toxic substances, and waste
 - i. Development where any types of fuel, hazardous/toxic substances, or waste will be stored, transferred, or sold shall employ the best available facilities and procedures for the prevention, containment, recovery, and mitigation of spillage of these substances. Facilities and procedures shall be designed to prevent substances from entering the water or soil and employ adequate means for prompt and effective cleanup of spills that do occur.
 - ii. No fuel, hazardous/toxic substances, or waste shall be stored in outdoor containers not specifically designed and intended for storage of such materials.
 - iii. Storage or disposal of all types of fuel, hazardous/toxic substances, or waste is prohibited on or along shorelines.
- 6. Fertilizers, herbicides, or pesticides shall not be applied in any Coastal Marsh Vegetation Protection Zones, except for projects conducted under the authority of F.S. §§ 373.451—373.4595, the Surface Water Improvement and Management Act, and governmental authorized mosquito control programs.
- 7. Spray vehicles used for mixing or spraying chemicals are prohibited from withdrawing water directly from open waters, as well as cleaning/discharging into any Coastal Marsh Vegetation Protection Zones.
- 8. Sewage, solid waste, and petroleum waste generated by vessels or vehicles on the site shall be collected and disposed of as required by law.

SECTION 7.01.06 SIGNIFICANT ENVIRONMENTS AND WILDLIFE PROTECTION

- A. It is the purpose of this Section to provide standards necessary to protect the habitats of species, both flora and fauna, of endangered, threatened, or special concern status in the city. It is the intent of this Section to require that an appropriate amount of land shall be set aside to protect the habitat of rare, endangered or of special concern plant and animal species.
 - 1. Areas subject to the standards of this Section shall be those identified by the United States Fish and Wildlife Service (USFWS), Florida Fish and Wildlife Conservation Commission (FWC), or any other local, State, or Federal agency.
- B. Habitat Management Plan

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1. It shall be the responsibility of the applicant to inform Staff whether a site contains plant or animal species which are endangered, threatened, or a species of special concern.
 - a. If any of these species are present, the applicant shall submit and obtain a Habitat Management Plan to the Florida Fish and Wildlife Conservation Commission (FWC), the United States Fish and Wildlife Service, or the Florida Department of Agriculture and Consumer Services.
 - b. This habitat plan shall include a field survey, written comments, and recommendations concerning the impact of the proposed use on such species from the appropriate agency.
 - c. City Council may utilize this information to consider including conditions of approval as deemed appropriate.
 2. The Habitat Management Plan shall be prepared by an ecologist, biologist or other related professional. The plan shall document the presence of affected species, the land needs of the species that may be met on the development site and shall recommend appropriate habitat management plans and other measures to protect the subject wildlife.
 3. The final development plans approved for a development shall substantially conform to the recommendations in the Habitat Management Plan.
 4. Where land on a proposed development site is to be preserved as a habitat of rare, endangered, or special concern species, such land shall be adjacent to existing viable habitat, a significant wetlands system, floodplain, or wildlife corridor.
 - a. If such lands are not adjacent to the development site, land to be set aside shall be of such quantity and quality to provide a viable habitat as documented in the study required by this Section.
 - b. A conservation easement shall be recorded by the applicant for all land, including wetlands, which are to be preserved as a condition or a requirement of a development approval.
- C. Marine Turtle Conservation Zone.
1. These regulations are intended to accomplish the following:
 - a. Protect marine turtle hatchlings from the adverse effects of artificial lighting.
 - b. Provide overall improvement in nesting habitat degraded by light pollution.
 - c. Increase successful nesting activities and production of hatchlings on the beaches located within the City of Destin.
 2. All new coastal construction seaward of the Coastal Construction Control Line (CCCL) in the Marine Turtle Conservation Zone shall comply with the outdoor lighting standards outlined in the City's Design Manual.
 3. Existing artificial light fixtures that are replaced for any reason shall comply with this Section.
 4. The following activities are prohibited within a Marine Turtle Conservation Zone:
 - a. The use of laser source light or any similar high intensity light for outdoor advertising.
 - b. The operation of searchlights or beacons.
 - c. All other outside light sources shall comply with this Code.

SECTION 7.02 MARINA SITING

SECTION 7.02.01 PURPOSE

- A. This Section establishes and regulates standards by which the City controls and regulates development, construction, and activities within and contiguous to the Harbor and waterways of Destin.

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SECTION 7.02.02 GENERAL REGULATIONS

- A. The requirement of a Harbor and Waterways Board (HWB) application, and any applicable public hearings, shall be in accordance with **Section 2.08.03** of this Code.
- B. All marine construction projects shall provide the City with the applicable homeowner's association (if applicable), State, and Federal approvals at the time of building permit submittal.
- C. No dock of 100 feet or longer shall be constructed unless a white navigation/security night-light is installed at the furthest point seaward on said dock.
 - 1. All navigation/security night-lights shall be illuminated continuously from dusk to dawn every night of the year.
 - 2. All existing docks 100 feet or longer shall install and operate a navigation/security light pursuant to this subsection.
 - a. Each light shall be installed within 90 days after adoption of this Code.
- D. No utility services shall be installed upon any dock without a permit obtained from the City.
- E. Aerators or circulation devices may be required as determined by the City when it is determined that the water circulation is deemed to be impacted negatively by the proposed facilities.
- F. Development classified as Class 3, per **Section 2.08.03** of this Code, shall be denied if the City Council determines that the proposed development does not meet the criteria outlined in this Section, and further, if the proposed development is averse to the public's interest. Listed below are the criteria for Class 3 Development:
 - 1. Land use compatibility
 - a. The applicant shall demonstrate that the proposed development, including its proposed scale and intensity, traffic-generating characteristics, and off-site impacts are compatible and harmonious with adjacent land uses and will not adversely impact land use activities in the immediate vicinity.
 - 2. Proper use of mitigative infrastructure
 - a. The applicant shall demonstrate the proposed development and site plan have been designed to incorporate mitigative techniques needed to prevent adverse impacts to surface waters.
 - 3. Hazardous waste
 - a. The proposed development shall not generate hazardous waste or require the use of hazardous materials in its operation without the use of city-approved mitigative techniques designed to prevent any adverse impacts to adjacent surface waters. The development shall include best management principles and practices.
- G. Exemption:
 - 1. Any dock located on a private lake controlled by an active owner's association is exempt from the regulations of Section 7.02 Marina Siting of this Article.

SECTION 7.02.03 COMMERCIAL REGULATIONS

- A. Commercial marine businesses located within the city that rent or operate passenger vessels must provide designated docking facilities, whether privately owned or leased.
- B. All commercial docks shall be designed with at least one (1) sewage pump out station for public use. Such sewage pump out station shall be operable and maintained.
- C. All commercial docks shall be designed with the necessary firefighting facilities, as specified by the City or Destin Fire Control.

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SECTION 7.02.04 DIMENSIONAL AND DENSITY LIMITATIONS

A. Length

- The following table includes the maximum dock length allowed for any new dock construction or modifications. For the purposes of this subsection, lots may be combined with neighboring lots, however no dock may exceed the limitations outlined in this Section

Table 7.02-1 Dock Length	
Dock Location	Maximum Length Allowed
Any waterfront property not adjacent to Choctawhatchee Bay or zoned South Harbor Mixed Use (SHMU)	The width of the lot at the mean high-water line, or 20% of the width of the adjacent waterway at the place the pier is connected to the uplands, whichever is less.
Waterfront property with uplands zoned South Harbor Mixed Use (SHMU)	1.5 times the width of the lot at the mean high-water line, or 20% of the width of the adjacent waterway at the place the pier is connected to the uplands, whichever is less.
Waterfront property adjacent to Choctawhatchee Bay.	1.5 times the width of the lot at the mean high-water line, or 200 feet, whichever is less.
Waterfront Property with less than 50 feet of waterfront shoreline.	No individual dock is allowed, unless parallel to the shoreline (marginal dock). Marginal docks shall not be wider than six (6) feet. Docks may be allowed if lots are combined with neighboring lots in accordance with this section

- Measurement of length shall start at the waterward most point of the Mean High Water Line. See Figure Dock length below.
- From the waterward most point identified per paragraph 2 above, a perpendicular line, or perpendicular line to the tangent for a curved MHWL, drawn waterward the distance allowed per the Table 7.02-1 above.
- At the maximum distance of length allowed above another perpendicular line is drawn from between the identified or implied riparian lines.

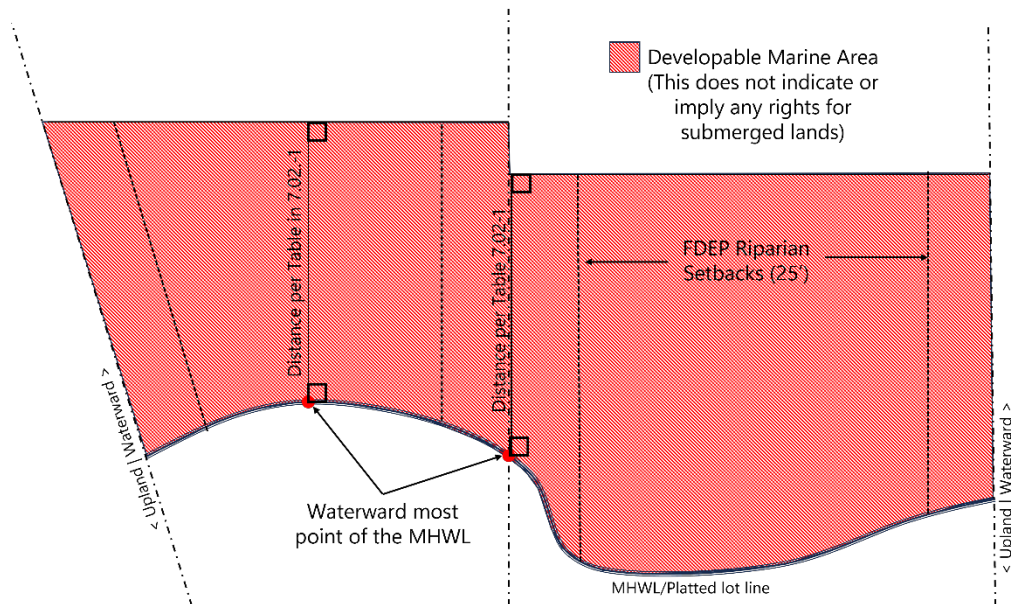


Figure 7.02-1 Dock Length

City of Destin, FL - Land Development Code

- B. No pier shall extend more than six (6) feet into a canal right-of-way.
- C. Density
 - 1. No dock shall be constructed or modified such that slip density exceeds one (1) slip per eight (8) linear feet of waterfrontage.
 - 2. Docks along canals shall not have more than one (1) slip per 45 linear feet of waterfrontage.
 - 3. Lots that are riparian to a canal shall be entitled to at least two (2) slips on the canal.

SECTION 7.03 ARCHEOLOGICAL AND HISTORICAL RESOURCE PROTECTION

SECTION 7.03.01 PURPOSE

- A. The Florida Department of State, Division of Historic Resources has identified six sites within Destin of historic significance. Such sites have been identified and documented as being significant in American history, architecture, archaeology, engineering, or culture. They reflect the prehistoric occupation and historical development of the nation, state, and local community. Their protection and preservation, therefore, is essential.

SECTION 7.03.02 PRESERVATION OF HISTORICAL STRUCTURES, SITES, AND RESOURCES

- A. Any time a proposed development may impact a historic or archeological site within the City, as deemed by the State, the following subsections of this Section shall apply. It shall be the responsibility of the owner/applicant to coordinate with all federal, state, and local agencies to determine if the proposed development may impact such identified sites within the City.
 - 1. Historic structures shall be exempt from the provisions of the Florida Building Code if any modification, repair, or restoration activity would jeopardize their historical integrity.
 - 2. Land alteration or development of land where such would contribute to the destruction of historic resources shall be prohibited.
 - 3. A project classified as a development of regional impact (DRI) shall contain a description of historical or archaeological sites within the proposed development and suggested mitigation measures for such resources if present. DRIs shall be submitted to the Compliance and Review Section in the Florida Department of State's Bureau of Historic Preservation.
 - 4. For any proposed development activity on a historic site previously identified in this Section, all Development Order applications (if applicable) or Building Permit applications shall include an archeological and historic review summary, provided by the applicant. Such review summary shall be reviewed and approved by the City and Florida Department of State, Division of Historical Resources.
 - 5. If valuable archaeological or historical resources are previously known to exist, development approval shall be conditioned upon performance of an archaeological salvage excavation plan approved by the City and the Florida Department of State, Division of Historical Resources.
 - a. If artifacts of known or suspected historical significance are found on the site, any further land disturbing activities shall cease pending an evaluation by Florida Department of State, Division of Historical Resources.
 - 6. The City shall prepare reports describing any developments that discovered, impacted, or removed any historic or archeological artifacts or sites within the City when such events occur.
 - 7. For any proposed development within the City's Harbor District Overlay or the Zerbe-Calhoun Overlay, please see **Section 4.07.04**.

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SECTION 7.04 ILLICIT DISCHARGE DETECTION AND ELIMINATION

SECTION 7.04.01 PURPOSE

- A. The purpose of this Section is to provide for the health, safety, and general welfare of the citizens of Destin through the regulation of non-stormwater discharges to the storm drainage system to the maximum extent practicable as required by federal and state law.
- B. This Section also establishes minimum standards and methods for controlling the introduction of pollutants into the Municipal Separate Storm Sewer System (MS4) to ensure compliance with requirements of the National Pollutant Discharge Elimination System (NPDES) permit process.

SECTION 7.04.02 PROHIBITION OF ILLICIT DISCHARGES AND CONNECTIONS

- A. Illicit discharge
 - 1. Aside from stormwater, no substances, materials, or effluent (chemical or physical) shall be discharged or caused to be discharged, by any person or entity, into the municipal storm drain system, adjacent properties, or watercourses.
 - 2. If a discharge is found, the City reserves the right to enforce this Section.
- B. Prohibition of illicit connections.
 - 1. This prohibition expressly includes, without limitation, illicit connections made in the past, regardless of whether the connection was permissible under law or practices applicable or prevailing at the time of connection.
 - a. The construction, use, maintenance, or continued existence of illicit connections to the storm drain system is prohibited.
 - b. A person is considered to be in violation of this Section if the person connects a line conveying sewage to the MS4 or allows such a connection to continue.
 - c. A person commits an offense if that person reinstates MS4 access to premises terminated pursuant to this section without the prior approval by the City.
- C. Suspension of access to a municipal storm sewer system.
 - 1. The City may suspend access to the MS4 if any of the following situations occurs:
 - a. Suspension due to illicit discharges in emergency situations.
 - i. The City, without prior notice, may suspend MS4 discharge access to a person or entity, when such suspension is necessary to stop an actual or threatened discharge which presents or may present imminent and substantial danger to the environment, or to the health or welfare of persons, or to the MS4 or Waters of the United States.
 - ii. If the violator fails to comply with a suspension order issued in an emergency, the City may enter the property and take such steps as deemed necessary to prevent or minimize damage to the MS4 or Waters of the United States, or to minimize danger to persons.
 - iii. The violator shall be responsible for reimbursing the City or their agent for all costs incurred from the corrective action.
 - b. Suspension due to the detection of illicit discharge.
 - i. Any person discharging to the MS4 in violation of this section may have their MS4 access terminated if such termination would abate or reduce an illicit discharge.
 - c. Industrial or construction activity discharges.
 - i. Any person subject to an industrial or construction activity NPDES stormwater discharge permit shall comply with all provisions of such permit.
 - (a) Proof of compliance with said permit may be required in a form acceptable to the City prior to the allowing of discharges to the MS4.

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- D. Private Single-Family/Duplex Illicit Discharges.
1. Direct or indirect non-stormwater contaminant or wastewater shall not leave said private property and enter an adjacent private property without receiving the adjacent property owner's express written consent.
 - a. Irrigation sprinkler overspray is exempt from this requirement.
 2. Swimming pool backwash/flush water, car wash water, pond, fountain, or any other water feature that receives periodic pumping out and/or cleaning shall either:
 - a. Provide facilities to collect and hold wastewater on-site until it percolates or evaporates completely, without creating a mosquito breeding or any other hazard, or
 - b. Discharge into an approved industrial sewer.
 3. The system shall not be overwhelmed and allowed to spill over onto an adjacent property or Environmentally Sensitive Areas.

SECTION 7.04.03 EXEMPTIONS

- A. The commencement, conduct, or continuance of any illicit discharge to the storm drain system is prohibited except as described as follows:
1. Water line flushing or other potable water sources,
 2. Landscape irrigation or lawn watering,
 3. Diverted stream flows,
 4. Rising ground water,
 5. Ground water infiltration to storm drains,
 6. Uncontaminated pumped ground water,
 7. Foundation or footing drains (not including active groundwater dewatering systems),
 8. Crawl space pumps,
 9. Air conditioning condensation,
 10. Springs,
 11. Non-commercial washing of vehicles,
 12. Natural riparian habitat or wet-land flows,
 13. Swimming pools (if dechlorinated less than one parts per million chlorine),
 14. Firefighting activities,
 15. Other water source not containing pollutants,
 16. Discharges specified in writing by the City as being necessary to protect public health and safety, or
 17. Dye testing, given a written notification is provided to the City at least 48 hours prior to the time of the test.
- B. The prohibition shall not apply to any non-stormwater discharge permitted under an NPDES permit, waiver, or waste discharge order issued to the discharger and administered under the authority of the Federal Environmental Protection Agency (EPA).
1. The permitted discharger shall be in full compliance with all requirements of the permit, waiver, or order and other applicable laws and regulations. Such written approval shall be maintained on site.

CITY OF DESTIN – COMMUNITY DEVELOPMENT



AGENDA ITEM

MEETING DATE: June 27, 2024

BOARD/COMMITTEE: Harbor & Waterways Board

TYPE OF AGENDA ITEM: Action Item

OUTLINE NUMBER: 3.B.

TO: Harbor & Waterways Board

THRU: Louis Zunguze, City Manager
Kimberly Kopp, City Attorney

FROM: Steve O'Connor, Principal Planner

DATE: June 7, 2024

SUBJECT: Livery Definition

I. BACKGROUND: At the June 3, 2024, City Council meeting, they discussed the need to better define "Bare Boat Charters" due to the ambiguity in City, State, and Federal regulations. This issue needs to be addressed for Staff to properly enforce the Livery Moratorium currently in place. Bare Boat Charters, by federal regulations, require the vessel to be piloted by a licensed captain. However, that captain is not an assigned captain and therefore the vessel is not always under control of a licensed captain as required by the exemption within the City's definition of a livery. Council now wants the HCRA's input on how to define Bare Boat Charters.

II. DISCUSSION: Livery vessel is as defined in F.S. § 327.02, but does not mean: (1) a vessel under the control at all times by a United States Coast Guard licensed Captain; or (2) paddleboards, kayaks, canoes, and sailboats ~~or any other vessel not powered by an internal combustion engine or a sail (sailboards excluded).~~

a. A "bareboat charter" is a livery vessel unless it remains under the control at all times by a United States Coast Guard licensed Captain. Provision of a list of possible captains to the lessee or renter of the vessel is evidence that the vessel is not under the control of a USCG licensed Captain at all times and shall, therefore, not exclude such vessel from the definition of a livery vessel.

b. Each vessel that is included within the fleet of a boat club is a livery vessel unless the vessel remains under the control at all times by a United States Coast Guard licensed Captain.

Also add the following to City Code in an appropriate location:

Any person or entity that rents, leases or charters one or more vessels to another but claims

their
vessel or vessels are excluded from the definition of a livery vessel because the vessel or
vessels
are under the control of a United States Coast Guard licensed Captain at all times must provide
satisfactory evidence to the City of such claim by providing to the City one valid, current copy
of
the Captain's license assigned at all times to each excluded vessel.

- A. **Link to Strategic Goals / Objectives:** II. Enhanced Quality of Life and safety for families.
- B. **Effect on Budget (EOB):** N/A
- C. **Level of Service (LOS):** N/A
- D. **Legislative Sponsor:**

III. CONCLUSION: Staff is asking the Board to consider this proposed definition for Livery, and make a positive or negative recommendation or provide a recommendation with modifications.

IV. RECOMMENDED MOTION: I move that the Harbor and Waterways Board recommend City Council adopt the definition of Livery as proposed and presented.

ALTERNATIVE MOTIONS:

I move that the Harbor and Waterways Board recommend City Council deny the proposed definition of Livery and that the City keep the current definition.

I move that the Harbor and Waterways Board recommend City Council adopt the definition of Livery with the modifications as discussed.

Attachments:

None

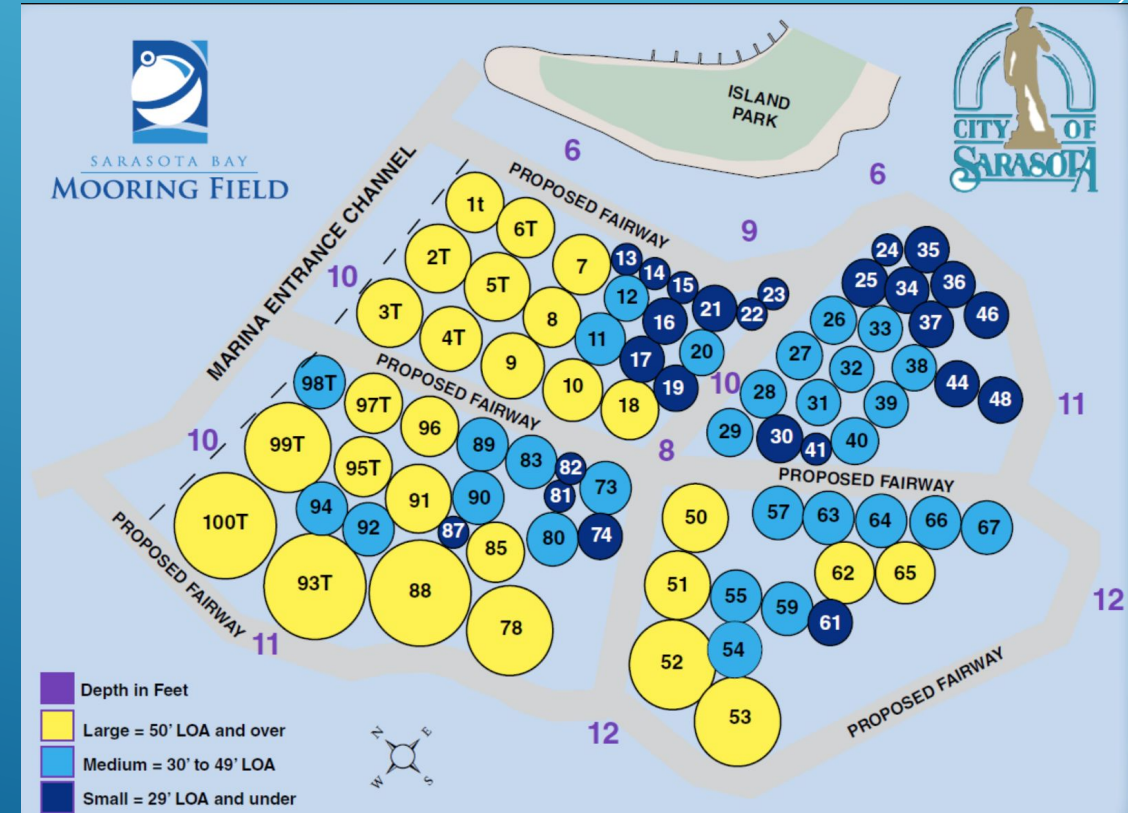
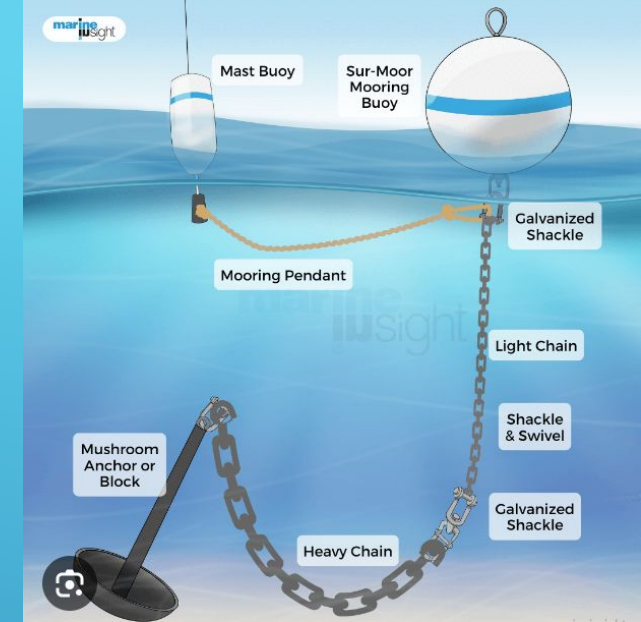
Destin Mooring Field Plan

created by: John Stephens



MOORING HARBOR

- ▶ What are mooring fields?
 - ▶ A mooring field is a legally defined area within a body of water.
 - ▶ A mooring field is established by local ordinance, codifying a management plan that regulates activity within the mooring field.
 - ▶ Customers of the field are assigned a mooring and can then secure their boat to the mooring buoy which is attached to permanent anchors
 - ▶ Mooring Buoys provide an organized & secure way to protect both boats and the environment



MOORING FIELD GOALS

- ▶ Provide public access to Florida waters
- ▶ Be ecologically and habitat friendly
- ▶ Promote tourism and provide economic benefit to merchants with minimal infrastructure requirements
- ▶ Be a self sustaining, user-funded amenity
 - ▶ Fees support Harbormaster, all on-land facilities, mooring maintenance
- ▶ Provide proprietary moorings more secure than normal anchors
- ▶ Enable higher density of vessels for space available
- ▶ Not accommodate or allow derelict or abandoned vessels
- ▶ Enhance oversight of the water resource
- ▶ Enhance real estate values



City of Destin Prioritized Strategic Goals met

- I. Financially sound city providing service excellence**
- II. Enhanced quality of life and safety for families**
- III. Economic development and revitalization**
- IV. Effective, efficient, and aesthetically pleasing infrastructure**
- V. Improve mobility and connectivity**
- VI. A green and sustainable environment**

- In 2019, Livery Fees were raised to \$100/vessel to hire a Harbor Master. Still have no Harbor Master

HARBOR CRA DISTRICT GOALS WILL BE MET

- ▶ City Marina – using 1 Harbor Blvd to meet this goal
- ▶ Marine Waste Pump Out Facility

Recommendations from Harbor Capacity Steering Committee met

- Objective 1, Recommendation #3:
 - lack of Harbor Master to enforce local regulations
- Objective 3, recommendation #10:
 - Optimize slip configurations in the harbor based on user demand and improve slip usage efficiency

HOW ARE MOORING FIELDS BENEFICIAL TO DESTIN

- Benefits to safety:
 - Moorings will not attract unlawful tenants, it will actually eliminate them
 - Gain Harbor Master, who has authority on our waterways
 - Harbor Master can ask vessels to leave before a severe storm, such as hurricane approaches
 - Moorings offer greater holding strength than anchors.
 - Allows for fewer break-away vessels, which will protect other vessels & shore-side infrastructure
 - If vessel does break free, Harbor Master will know who to contact
 - Vessels are kept out of illegal or inconvenient places in the waterway
 - At night, vessels are required to display anchor lights
 - Vessels must meet standards:
 - Comply with USCG regulations & safety standards and Chapter 327 of Florida Statutes
 - Must be in good operational condition
 - Capable of maneuvering under their own power
 - Display current registration/documentation
 - Have liability Insurance coverage
 - Vessels are able to swing with wind and current without hitting other vessels

HOW ARE MOORING FIELDS BENEFICIAL TO DESTIN

- Benefits to environment:
 - Pump out services required for vessels in mooring field.
 - Illegal discharge of solid or liquid waste into waterway can be controlled
 - Derelict vessels can be identified and removed easier
- Benefits to local economy:
 - No Mooring Fields in panhandle. Could make Destin a destination for Loopers
 - Mooring field generates revenues, which go back into operations & maintenance of facility
 - Mooring field patrons use local services & products, such as boat repairs, groceries, shopping, dining, entertainment venues
- Benefits to boating community:
 - there are no available marine slips
 - boaters can stay on their own boat in a mooring field
 - Vessels can be tied up without impacting other vessels
 - Boaters have access to amenities like restrooms, showers, & other land-based activities

CURRENT FREE HARBOR LOCATIONS IN DESTIN

Destin Harbor East

Location: Old Pass Lagoon

Mile Marker: GIWW Mile 227.7 EHL

Lat / Lon: N 30° 23.440' / W 086° 29.880'

Depth: 6-14 Feet

Description:

NOTE: Per Florida Statute 327.4109

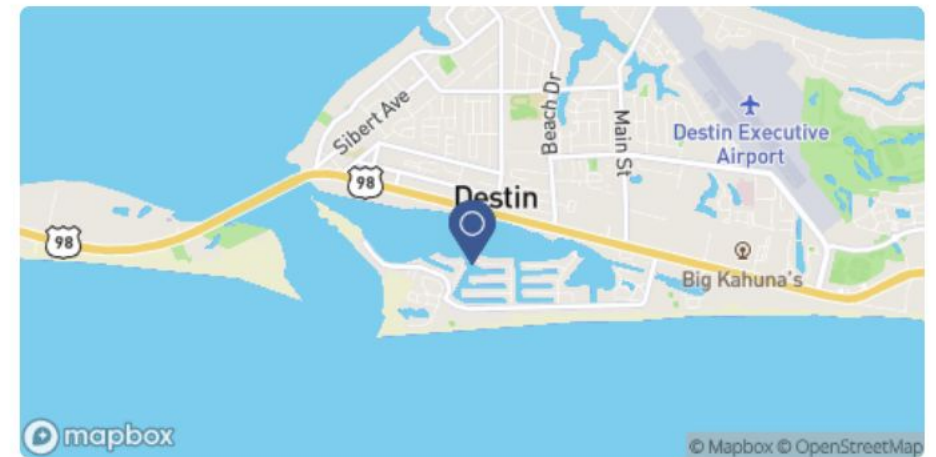
The owner or operator of a vessel or floating structure may not anchor or moor such that the nearest approach of the anchored or moored vessel or floating structure is:

1. Within 150 feet of any marina, boat ramp, boatyard, or other vessel launching or loading facility;
2. Within 300 feet of a superyacht repair facility. For purposes of this subparagraph, the term "superyacht repair facility" means a facility that services or repairs a yacht with a water line of 120 feet or more in length; or
3. Within 100 feet outward from the marked boundary of a public mooring field or a lesser distance if approved by the commission upon request of a local government within which the mooring field is located. The commission may adopt rules to implement this subparagraph.



3 Boater Reviews

[Back to the Waterway Explorer](#)



[View in Waterway Explorer](#)

[Suggest Updates](#)

[Add A Review](#)

CURRENT FREE HARBOR LOCATIONS IN DESTIN

Destin Harbor Southwest

Location: Old Pass Lagoon

Mile Marker: GIWW Mile 227.7 EHL

Lat / Lon: N 30° 23.350' / W 086° 30.320'

Depth: 6-9 Feet

Description:

NOTE: Per Florida Statute 327.4109

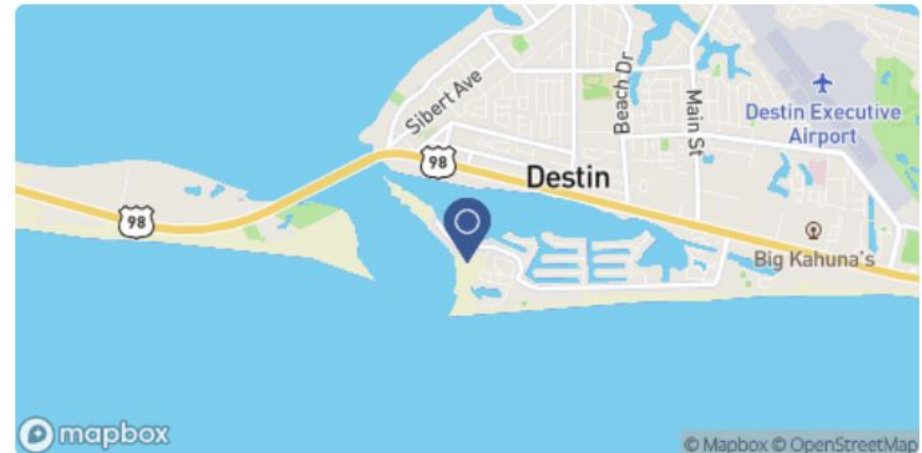
The owner or operator of a vessel or floating structure may not anchor or moor such that the nearest approach of the anchored or moored vessel or floating structure is:

1. Within 150 feet of any marina, boat ramp, boatyard, or other vessel launching or loading facility;
2. Within 300 feet of a superyacht repair facility. For purposes of this subparagraph, the term "superyacht repair facility" means a facility that services or repairs a yacht with a water line of 120 feet or more in length; or
3. Within 100 feet outward from the marked boundary of a public mooring field or a lesser distance if approved by the commission upon request of a local government within which the mooring field is located. The commission may adopt rules to implement this subparagraph.



4 Boater Reviews

[Back to the Waterway Explorer](#)



[View in Waterway Explorer](#)

[Suggest Updates](#)

[Add A Review](#)

CURRENT FREE HARBOR LOCATIONS IN DESTIN

Joos Bayou

Location: Choctawhatchee Bay

Mile Marker: GIWW Mile 229.5 EHL

Lat / Lon: N 30° 24.430' / W 086° 29.190'

Depth: 8-10 Feet

Description:

NOTE: Per Florida Statute 327.4109

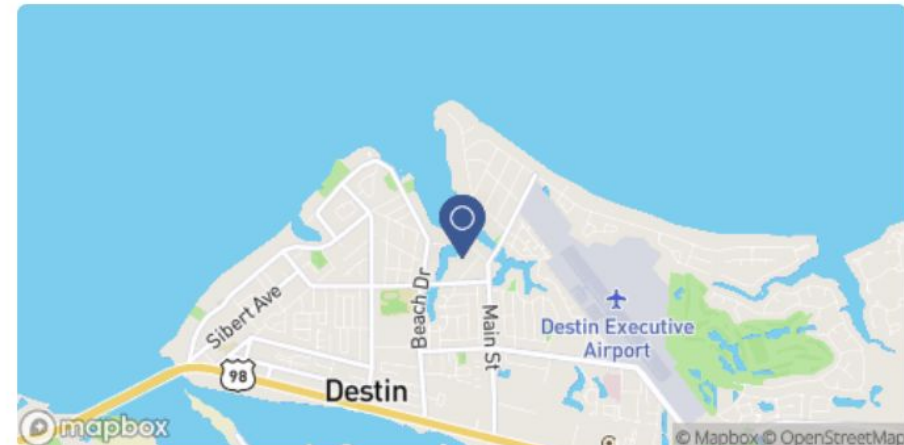
The owner or operator of a vessel or floating structure may not anchor or moor such that the nearest approach of the anchored or moored vessel or floating structure is:

1. Within 150 feet of any marina, boat ramp, boatyard, or other vessel launching or loading facility;
2. Within 300 feet of a superyacht repair facility. For purposes of this subparagraph, the term "superyacht repair facility" means a facility that services or repairs a yacht with a water line of 120 feet or more in length; or
3. Within 100 feet outward from the marked boundary of a public mooring field or a lesser distance if approved by the commission upon request of a local government within which the mooring field is located. The commission may adopt rules to implement this subparagraph.



1 Boater Review

[Back to the Waterway Explorer](#)



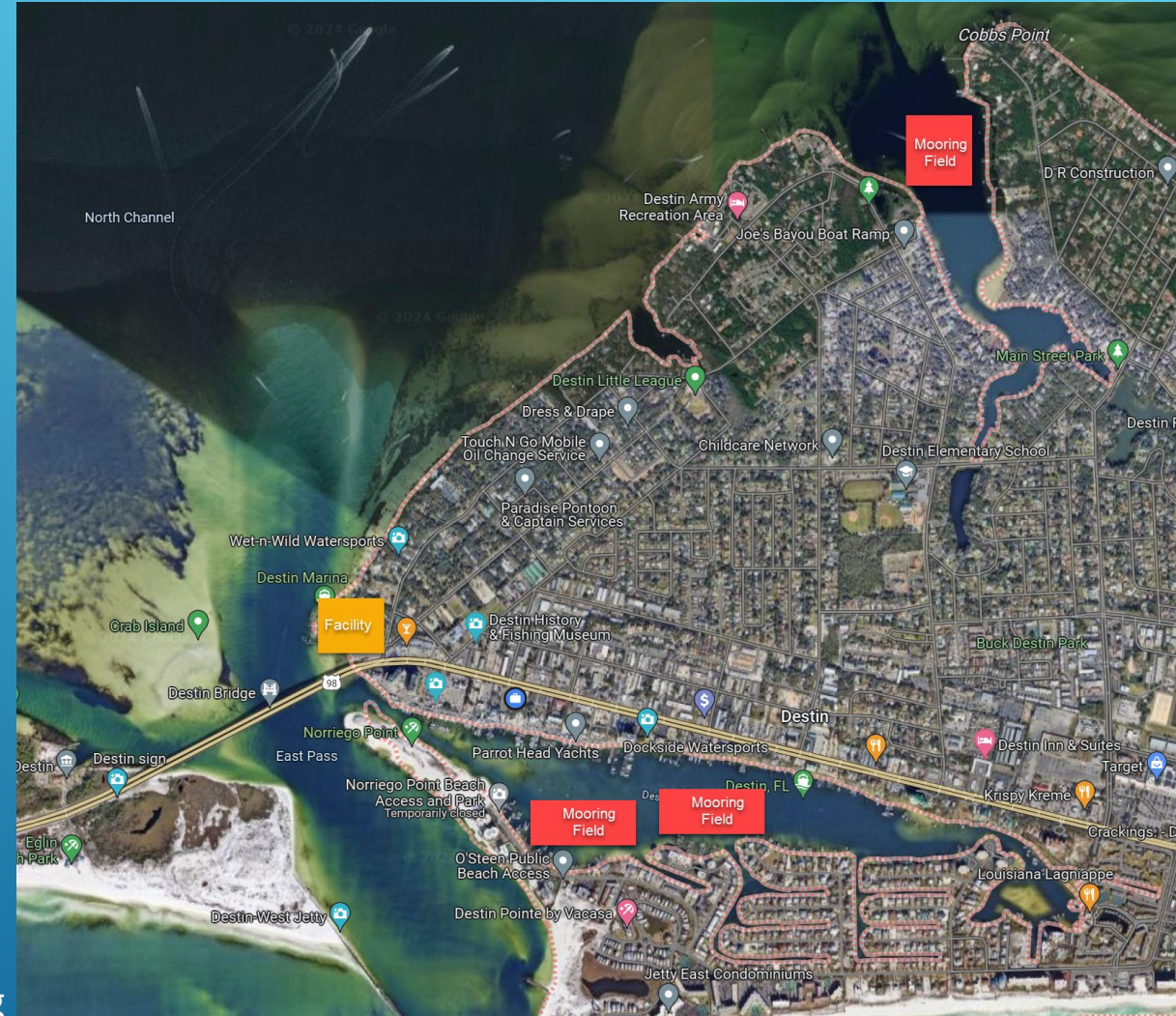
[View in Waterway Explorer](#)

[Suggest Updates](#)

[Add A Review](#)

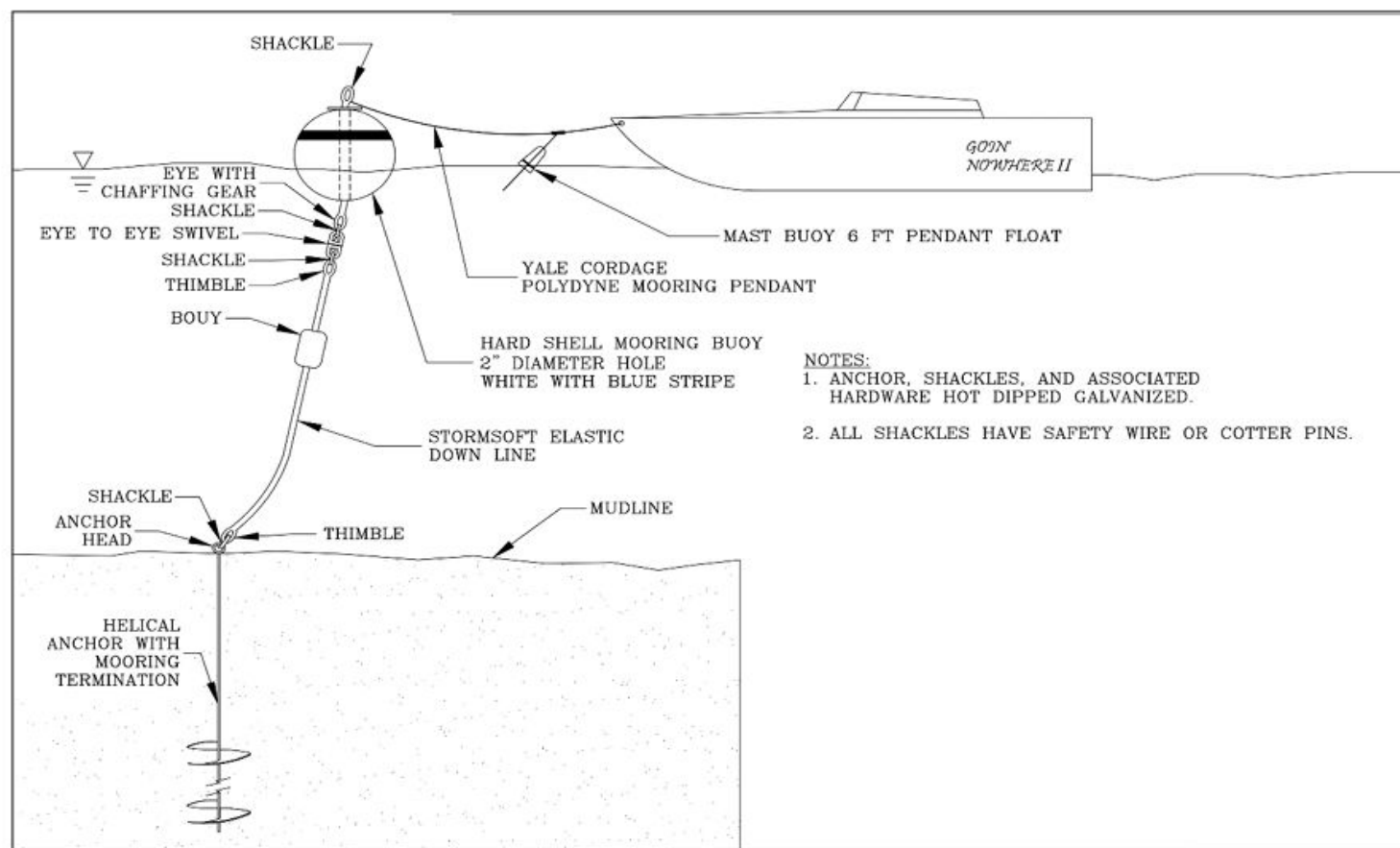
WHERE WILL THE PROPOSED MOORING FIELDS BE LOCATED

- ▶ Have two mooring fields go to 1 facility at 1 Harbor Blvd
 - ▶ Red box is not exact, somewhere in those bodies of water.
 - ▶ Exact locations needs to be worked out with Destin, FWC, DEP, Army Corp of Engineers?
- ▶ There is no rule on distance of mooring field to facility
 - ▶ Typically, vessels hail the harbormaster to ask which mooring ball to moor to. Then they use their dinghy to come to the dinghy docks.
- ▶ 2 mooring fields use 1 facility, as long as there is capacity
 - ▶ North of Destin Bridge, some sailboats can't go under, so intercostal vessels are stuck north of bridge. Then can dinghy over to dinghy docks
 - ▶ Joe's is muddy bottom - use big concrete blocks for mooring balls
 - ▶ South of Destin Bridge, some sailboats can't go under, so Gulf vessels are stuck south of bridge. Then can dinghy over to dinghy docks
- ▶ If we push the anchored vessels out of the harbor, they would go to Marler or Joe's Bayou. So, I want to prevent this, by having 2 mooring fields, with Harbormaster able to control these bodies of water



MOORING BALLS – HOW DO THEY WORK?

How do moorings work?



Advances in the design and construction of moorings have improved methods for securing vessels while protecting the environment. A mooring buoy is connected to a downline with a shock absorber component that is connected to an anchor securely installed in the sea floor.

WHAT ELSE IS PART OF A MOORING FIELD?

ON-LAND FACILITY WITH:

Restrooms

Indoor shower

Dinghy Docks

Garbage
disposal

Sewage
Pump-out
station

Harbormaster:

1. Manages mooring field operator
2. Ensure proper upkeep of all facilities
3. ability to enforce regulations



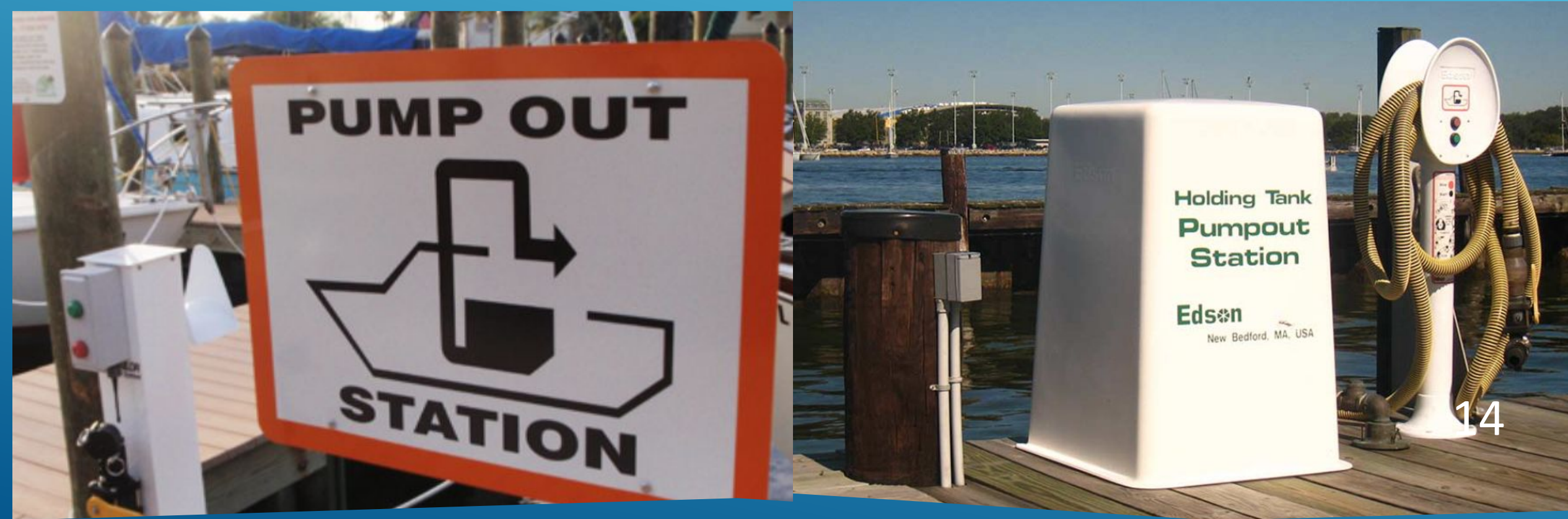
1 HARBOR BLVD WELCOME CENTER

- ▶ Marina Store/cultural center/visitor center
- ▶ Public restrooms
- ▶ Key/code access indoor public shower (for mooring customers)
- ▶ Key/code access to washer/dryer
- ▶ Dumpster or Garbage disposal area
- ▶ Office for Harbor Master



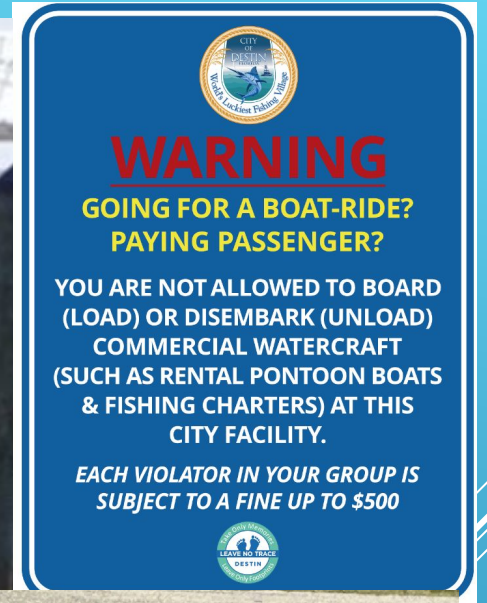
PUBLIC PUMP OUT STATION @ 1 HARBOR BLVD

- ▶ Currently not alot in Destin
- ▶ Destin Water Users doesn't want the enzymes into their system
 - ▶ Recommend having a holding tank
 - ▶ have a company come to routinely pump out the station on a regular basis
 - ▶ If vessels can't go from south under bridge to Pump Out, need to be able offer a company that does Mobile Pumping



1 HARBOR BLVD DINGHY DOCKS & TRANSIENT SLIPS

- ▶ Transient slip rentals with QR Code to reserve
 - ▶ Similar to the car parking lot app
- ▶ Dinghy docks (required for mooring Harbor)



WHAT COSTS/TIME DO WE HAVE TO CONSIDER

Mooring Field

- ▶ Permitting
 - ▶ Cost - \$75,000-\$100,000?
 - ▶ Time - 12-18 Months
- ▶ Engineering
 - ▶ Cost - ?
 - ▶ Time - 8-12 Months
- ▶ Bidding
 - ▶ Time - ?
- ▶ Construction
 - ▶ Cost - \$7,500-\$10,000 per mooring?
 - ▶ Time - could take 6 weeks to complete



1 Harbor Blvd On-Land Facility

- ▶ Permitting
 - ▶ Cost - ?
 - ▶ Time - ?
- ▶ Engineering
 - ▶ Cost - ?
 - ▶ Time - ?
- ▶ Bidding
 - ▶ Time - ?
- ▶ Construction
 - ▶ Cost - ?
 - ▶ Time ?

WHAT RULES WILL GOVERN TENANTS TO KEEP FIELD CLEAN

Must have **Mooring Field Management Plan**

- ▶ Rules that must be followed by every vessel within mooring field
- ▶ Customers must show proof of pump-out and/or be pumped out every 3 days
 - ▶ Plan stipulates that the discharge of any solid or liquid waste into waters are prohibited
 - ▶ Violators are subject to immediate ejection from facility, loss of security deposit, and will be turned over to law enforcement
- ▶ Harbormaster will create consistent oversight & monitoring to prevent illegal anchoring, dumping, and other undesirable activities
- ▶ No vessel shall any occupy any mooring without approval of Harbormaster
- ▶ Only vessels that are authorized to moor at facility:
 - ▶ in compliance with USCG environmental & safety standards and in good operational condition
 - ▶ Capable of maneuvering under their own power
 - ▶ Must have current registration/documentation & insurance
- ▶ Examples of :
 - ▶ Mooring Field Management Plan -
 - ▶ <https://www.fortmyersbeachfl.gov/DocumentCenter/View/21853/Mooring-Field-Map>
 - ▶ <https://www.fortmyersbeachfl.gov/DocumentCenter/View/17791/21-02-Matanzas-Mooring-Field-Management-Plan>
 - ▶ User License Agreement –
 - ▶ https://www.ci.marathon.fl.us/sites/default/files/fileattachments/marina_and_ports/page/30901/marina_user_agreement_4-15-2023_-1.pdf

PRINCIPLES OF HARBOR MANAGEMENT

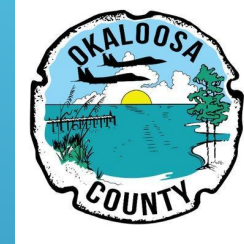
- ▶ A harbor management plan should be developed.
- ▶ Harbor & Waterways or Harbor CRA should create the local harbor management plan.
- ▶ A Harbormaster should be identified.
- ▶ The management plan should focus on providing adequate space via moorings both for transient boaters and for safe shelter during storm events.
- ▶ The management plan should provide for a dinghy dock and on-shore facilities for boaters.
- ▶ The management plan should provide for signage.
- ▶ Schedule inspections & maintenance during off-peak season
- ▶ The board should inquire into funding mechanisms for signs, moorings, improvements and amenities (dinghy dock, showers, laundry facilities, etc.).
- ▶ Create a dispute resolution mechanism.

ALL AGENCIES INVOLVED WITH THIS PROJECT

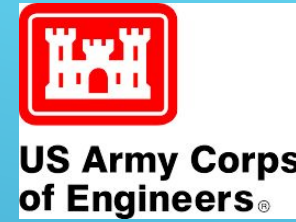
- ▶ City of Destin:
 - ▶ Work with Okaloosa County on interlocal agreement or change the city boundaries via legislation
- ▶ Okaloosa County
 - ▶ Enter into an interlocal agreement with City of Destin
- ▶ Florida DEP
 - ▶ Are there seagrass beds?
 - ▶ Environmental permits must be obtained
 - ▶ Authorization for exclusive use of sea bed must be obtained
 - ▶ Annex the submerged lands with the consent of the landowner (DEP)
 - ▶ Aquatic Preserve designation presents additional regulatory overlay
- ▶ US Army Corps of Engineers
 - ▶ environmental permits must be obtained
- ▶ USCG
 - ▶ Special Anchorage Designation
 - ▶ permit navigational/informational markers & mooring buoys
- ▶ Florida FWC
 - ▶ permit navigational/informational markers & mooring buoys.
 - ▶ Authority over protected species & fish habitat impacts.
 - ▶ Will create boating restricted area



CITY OF
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CAP SECTION 107 STUDY



- ▶ Harbor Capacity Study Steering Committee:
 - ▶ Suggested Cap Section 107 Study be done with ACE
 - ▶ Dredge harbor navigation channel from East Pass through harbor with a more uniform alignment & consistent dept to alleviate vessel congestion & operator confusion
 - ▶ Recommend including Mooring Harbor idea in study
- ▶ City of Destin come up with a Harbor Master Plan to suggest to ACE
 - ▶ Then send a letter of what we want in the Harbor Master Plan
 - ▶ develop Harbor & Waterways vision & Management Plan
 - ▶ Realignment of channel
 - ▶ Mooring Harbor
 - ▶ Create Destin Harbor & Waterway Special District

REGULATING ACTIVITIES IN MANAGED MOORING ORDINANCE

Such as:

- ▶ Reference local noise ordinance
- ▶ Reference Florida Statute Chapter 327 regarding vessel operational requirements
 - ▶ Refer to State Statutes 327.40 & 327.60 for Mooring references
- ▶ Prohibit other nuisance-like activities such as:
 - ▶ Rowdy conduct
 - ▶ Hanging laundry
- ▶ Hours for repairs, or Not Allow Repairs
 - ▶ Consider Major or Refitting Vessels vs Minor
- ▶ Limit for Sale Signage
- ▶ No advertising or soliciting
- ▶ Operational Hours for Noise & Machinery
- ▶ Swimming Prohibited
- ▶ Feeding Wildlife Prohibited



PROCESS TO ESTABLISH MOORING FIELD

- ▶ Permit Provisions
 - ▶ Moorings must be made available to public on first-come-first-serve basis
 - ▶ Commercial activities prohibited
 - ▶ Use of revenue may be restricted
 - ▶ Manatee education plan must be put in effect
- ▶ Permits applications (May require coastal engineering consultant)
 - ▶ Navigational
 - ▶ Biological
 - ▶ Water Quality
 - ▶ Hydrology
- ▶ Signage needs
 - ▶ Federal permits (Rivers & Harbors Act, Section 10, USACOE)
 - ▶ State Permits ("Uniform waterway markers" Florida Statute 327.40)

LEGAL STEPS FOR MOORING FIELD

- ▶ Confirm ownership of submerged lands
- ▶ Confirm relevant jurisdiction
- ▶ Review Destin Comprehensive Plans to determine whether Managed Mooring Field will be consistent with the plan
- ▶ Initiate drafting of Proposed Ordinance or Resolution
 - ▶ see Thomas Ankersen, Christopher H. Pearce, An Annotated Model Municipal Harbor Management Ordinance (Aug. 2001)
- ▶ Obtain authorizations
 - ▶ Submerged lands lease
 - ▶ Environmental Resource Permit - DEP
 - ▶ Boating Restricted area - FWC
 - ▶ Obstructions to Navigation – section 10 – Rivers and Harbor Act (USACOE)
 - ▶ Special Anchorage Area Designation – USCG
- ▶ Resource Agency Consultations
 - ▶ Fish & Wildlife Service
 - ▶ Fish and Wildlife Conservation Commission
 - ▶ Other
- ▶ Destin & County attorney Consultation

PUBLIC INPUT

- ▶ Provide public input workshops prior
 - ▶ Planners should provide:
 - ▶ Maps
 - ▶ Location of amenities
 - ▶ Harbor Management Plan
 - ▶ Planners should Determine:
 - ▶ How many mooring balls do we want to have? Not alot, but use this as a management tool
 - ▶ Any information that is missing from maps, such as environmental constraints or user conflicts
 - ▶ Length of stay
 - ▶ Restrictions of length of stay within mooring field
 - ▶ Live aboards in mooring field – benefits are increased security, similar to campground hosts
 - ▶ State generally discourage live-aboards, but they are allowed. Would recommend only in mooring field, if we want to offer at all.
 - ▶ Fee Structure – tiered fees
 - ▶ Different Transient vs live-aboard fees
 - ▶ Reduced rate for off-peak season
 - ▶ Facility fee for amenities not included in base rate
 - ▶ Long term stay rates
 - ▶ Relationship between Harbor Master & boaters



FEES THAT CAN BE GENERATED FROM MOORING FIELD

- ▶ Mooring Ball Rental, which include showers, one holding Tank Pump-Out (additional fees apply for holiday day/week)
 - ▶ Daily: \$40 + tax (seen a lot of \$25/day)
 - ▶ Weekly: \$250 + tax
- ▶ 1 Harbor Blvd Dinghy Dock rates (additional fees apply for holiday day/week)
 - ▶ Daily: \$20 + tax
 - ▶ Weekly: \$100 + tax
- ▶ 1 Harbor Blvd Transient Slip rates, which includes showers (additional fees apply for holiday day/week)
 - ▶ Hourly: \$10-20/hour + tax
 - ▶ Daily: \$3.50/ft plus tax
 - ▶ Weekly: \$18/ft plus tax, one holding Tank Pump-Out.
 - ▶ Pump-Out Station
 - ▶ Additional Pump-Outs (& Non-Marina Customers) - \$5 (harborwalk charges \$20)
 - ▶ Laundry Facilities – Card operated. Does not include detergent
 - ▶ Washer: \$3/load, Dryer: \$3/load
 - ▶ Water & Ice
 - ▶ Filtered water (honor system) - \$.20/gallon, Ice: \$3/bag
 - ▶ If we want to offer Shore Power:
 - ▶ 30 Amp Electricity: extra \$4/day, 50 Amp Electricity: extra \$6/day
- ▶ Car parking from Parking Lots that want to utilize marina/mooring balls
 - ▶ \$15/day



GRANT OPPORTUNITIES

- ▶ America Rescue Plan - to study idea (Pensacola is going this)
- ▶ Florida Boating Improvement Program (FBIP)
- ▶ Boating Infrastructure Grant Program (BIG)
- ▶ Clean Vessel Act Program Pumpout Grant
- ▶ Waterways Assistance Program (WAP)
- ▶ Triumph Gulf Coast Fund
- ▶ Florida Department of Transportation (may only apply to Ports)



CREATE/UPDATE HARBOR MASTER JOB DESCRIPTION

- ▶ Position could be joint Harbor Master/Code Compliance
 - ▶ Budget in next year. Note that this position is not fully complete, as they are will be assigned with helping with plans, until Mooring Harbor Plan is into effect & then can have jurisdiction
- ▶ Create & uphold Strategic Action Plan
- ▶ Responsible for development, coordination, & implementation of Mooring Field Management Plan
- ▶ Plan, develop, & manage capital improvement projects as directed.
- ▶ Responsible for ensuring property maintenance & improvements in all Harbor areas
- ▶ Assist in water sampling with CBA & Analytical Services, then provide updates
- ▶ Inspection of BTR's on all businesses on Harbor, Inspection of livery medallions, find illegal charters
- ▶ Enforcement of ordinances, harbor upland parking restrictions, & all other city marine codes
- ▶ Patrol of Destin Harbor & all City adjacent waterways that we are able to get jurisdiction to with the Mooring Harbor
 - ▶ Joe's Bayou, Indian Bayou, Marler Bayou
- ▶ Marine permitting and inspection
 - ▶ Reviews application for marine construction for code compliance as well as site construction
- ▶ Respond to complaints from citizens and businesses & Emergency situation response within Harbor District
- ▶ Harbor & Waterways Board & Harbor CRA Committee involvement – attend meetings & provide Monthly reports?
- ▶ Responsible for annual budget



ADD MOORING FIELD WEBPAGE TO CITYOFDESTIN.COM

- ▶ Harbor Master Contact information
- ▶ Online Reservation System to reserve Mooring Balls, with pricing
- ▶ Mooring Field Map, with Dinghy docks & on-land facilities
- ▶ Mooring Field Management Plan
- ▶ End-User Agreement Forms
- ▶ FAQ's about Mooring Fields

Marina and Ports

Information

Pricing

Forms

Accessibility

Hours and Directions

Public Boat Ramps

Boat Ramp Etiquette

Local Links

Contact Information

Address



CITY OF
DESTIN
FLORIDA



Anchorage Area

There is a large anchorage area located between Sister Cays and the Northeast side of Boot Key, just east of the entrance to the Harbor.

Mooring Balls

The City mooring field consists of 226 public mooring balls for vessels up to 60' in length. The same space as the old field and eliminates the need for a separate field.

Renting a Ball

Vessels wishing to rent a mooring ball should contact the Harbor Master's Office. Mooring balls are assigned based on mooring availability and vessel length. 211 moorings have a maximum vessel length of 45', while 15 moorings allow for vessels up to 60'.

Canal Dockage Information

OUR GOVERNMENT

Annual Passes

RecOnline

Cemetery

Destin Fire Control District

Elections

Helpful Brochures

SERVICES

Hurricane Information Guide

Library

New Residents

Okaloosa County

Okaloosa County Economic Development Council

Building Site Selections

COMMUNITY

Okaloosa County Schools

Okaloosa County Sheriff's Office

Public Transit

Solid Waste Collection & Recycling

Pickup Schedule

Water Service

I WANT TO...

28

EXAMPLES OF MOORING FIELDS

- ▶ Marathon – Florida -
 - ▶ <https://www.ci.marathon.fl.us/marinaandports/page/anchorage-areas>
- ▶ Fort Myers Beach – Florida – (stated they are losing money)
 - ▶ <https://www.fortmyersbeachfl.gov/109/Matanzas-Pass-Mooring-Field>
- ▶ GulfPort – Florida –
 - ▶ <https://mygulfport.us/marina/>
- ▶ Put-in Bay – Ohio =
 - ▶ <https://putinbayohio.com/pib-services/put-in-bay-mooring-buoys/>
- ▶ Catalina islands – California =
 - ▶ <https://www.visitcatalinaisland.com/things-to-do/two-harbors/boating/mooring-info-and-rules/>

DECISIONS TO MAKE

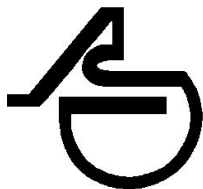
- ▶ Recommend that Harbor CRA or Harbor & Waterways Board be the advisory board to the Mooring Field/Transient docks/Harbor Master
 - ▶ Figure out funding mechanisms for signs, moorings, improvements, and amenities (dinghy docks, showers, restrooms, laundry facilities, ect)
 - ▶ Recommend this plan go to Committees for review
- ▶ Mooring Field Fees
 - ▶ How many mooring balls do we want to have?
 - ▶ Offer long-term & transient moorings. Is there a breakdown of what ratio?
 - ▶ Do we want to offer live-aboards?
 - ▶ Do we want to offer a Pick up/Drop off service (fee based) or see if Local Water Taxi service wants to offer this
- ▶ Pump Out Station Fees
- ▶ Dinghy Docks Fees
 - ▶ \$/day or \$/week
- ▶ Transient Docks
 - ▶ Dredging for various vessels. With natural flow, will need maintenance
 - ▶ Commercial activity?
 - ▶ Hourly, Daily, or Weekly Fees?
 - ▶ Did you want to offer overnight transient slips at 1 Harbor Blvd?
 - ▶ Consider winds can beat up vessels & docks at this location
 - ▶ Recommend dynamic pricing pending season (such as July 4th)
 - ▶ Do we need shoreline power at transient slips? If so, fees?





QUESTIONS ON WHICH DIRECTION WE WANT TO GO

Analytical Services Corporation



NELAP Laboratory Certification # E81384

921 Hospital Drive

Niceville, Florida 32578

(850) 678-5313 * FAX (850) 678-5063



Certificate of Analysis

Client Report For: City of Destin
Attention:
Client Address: 4200 Indian Bayou Trail
Destin, FL 32541

Report Date: June 18, 2024
LAB ID: AS24JUN12-004

Comment:

These test results meet all NELAC requirements for those parameters which require accreditation. Any exceptions or deviations from NELAC protocol are noted in this report. Any samples collected by Analytical Services Corporation personnel are done according to the latest revision of SOP-001/01. Any questions concerning this report should be directed to the person signing this report at (850) 678-5313, Analytical Services Corporation, 921 Hospital Drive, Niceville, Florida 32578. The test results in this report relate only to those specific samples listed.

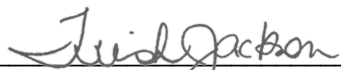
A statement of estimated uncertainty of test results is available on request. Analyses performed in the field are not regulated by the NELAC standards

Results for solid sample are calculated and reported on a dry weight basis unless otherwise noted.

Results contained within this report relate only to the samples referenced in this report.

This report may not be reproduced except in full with written approval from the laboratory.

Approved By: _____


Trish Jackson, President

Date: 06/18/2024

Analytical Services Corporation
921 Hospital Drive, Niceville Florida 32578
(850) 678-5313 F: (850) 678-5063

Client: City of Destin

Lab ID: AS24JUN12-004-001

Recv By: Riley Bell

Recv Dt: 6/12/2024 2:40 PM

Client Sample ID: 1A

Collection Date: 6/12/2024 11:30 AM

Matrix: AQUEOUS-Saline

Sampler: Natalie Sullivan

Analyses

Enterococci in Water by SM 9230 D

SM 9230 D (2013) Enterolert

Batch: A-061424-007

Run: 1

	<u>Result</u>	<u>Detection</u> <u>Limit</u>	<u>Reporting</u> <u>Limit</u>	<u>Qual</u>	<u>Unit</u>
Enterococci	1	1	1	U	#org/100ml
Dilution Factor	1				
Analyzed By	RHB/NS				
Analysis Date/Time	06/12/2024 15:15				

Fecal Coliforms

SM 9221 E (2014)

Batch: A-061424-008

Run: 1

	<u>Result</u>	<u>Detection</u> <u>Limit</u>	<u>Reporting</u> <u>Limit</u>	<u>Qual</u>	<u>Unit</u>
Fecal Coliforms	11	1.8	1.8		MPN/100 mL
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Total Coliforms

SM 9221 B (2014)

Batch: A-061424-009

Run: 1

	<u>Result</u>	<u>Detection</u> <u>Limit</u>	<u>Reporting</u> <u>Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Coliforms	49	1.8	1.8		MPN/100 mL
Dilution Factor	1				
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Carb. Biochemical Oxygen Demand (CBOD) 5 Day

SM 5210 B (2016)

Batch: A-061324-005

Run: 1

	<u>Result</u>	<u>Detection</u> <u>Limit</u>	<u>Reporting</u> <u>Limit</u>	<u>Qual</u>	<u>Unit</u>
Carbonaceous Biochemical Oxygen Demand	6.0	1	1		mg/L
Dilution Factor	1				
Analyzed By	RHB				
Analysis Date/Time	6/13/2024 13:30				

Analytical Services Corporation
921 Hospital Drive, Niceville Florida 32578
(850) 678-5313 F: (850) 678-5063

Client: City of Destin

Lab ID: AS24JUN12-004-002

Recv By: Riley Bell

Recv Dt: 6/12/2024 2:40 PM

Client Sample ID: 1C

Collection Date: 6/12/2024 11:20 AM

Matrix: AQUEOUS-Saline

Sampler: Natalie Sullivan

Analyses

Enterococci in Water by SM 9230 D

SM 9230 D (2013) Enterolert

Batch: A-061424-007

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Enterococci	20.0	1	1		#org/100ml
Dilution Factor	1				
Analyzed By	RHB/NS				
Analysis Date/Time	06/12/2024 15:15				

Fecal Coliforms

SM 9221 E (2014)

Batch: A-061424-008

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Fecal Coliforms	2.0	1.8	1.8		MPN/100 mL
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Total Coliforms

SM 9221 B (2014)

Batch: A-061424-009

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Coliforms	110	1.8	1.8		MPN/100 mL
Dilution Factor	1				
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Carb. Biochemical Oxygen Demand (CBOD) 5 Day

SM 5210 B (2016)

Batch: A-061324-005

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Carbonaceous Biochemical Oxygen Demand	6.0	1	1		mg/L
Dilution Factor	1				
Analyzed By	RHB				
Analysis Date/Time	6/13/2024 13:30				

Analytical Services Corporation
921 Hospital Drive, Niceville Florida 32578
(850) 678-5313 F: (850) 678-5063

Client: City of Destin

Lab ID: AS24JUN12-004-003

Recv By: Riley Bell

Recv Dt: 6/12/2024 2:40 PM

Client Sample ID: 2

Collection Date: 6/12/2024 11:10 AM

Matrix: AQUEOUS-Saline

Sampler: Natalie Sullivan

Analyses

Enterococci in Water by SM 9230 D

SM 9230 D (2013) Enterolert

Batch: A-061424-007

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Enterococci	1	1	1	U	#org/100ml
Dilution Factor	1				
Analyzed By	RHB/NS				
Analysis Date/Time	06/12/2024 15:15				

Fecal Coliforms

SM 9221 E (2014)

Batch: A-061424-008

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Fecal Coliforms	1.8	1.8	1.8	U	MPN/100 mL
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Total Coliforms

SM 9221 B (2014)

Batch: A-061424-009

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Coliforms	4.0	1.8	1.8		MPN/100 mL
Dilution Factor	1				
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Carb. Biochemical Oxygen Demand (CBOD) 5 Day

SM 5210 B (2016)

Batch: A-061324-005

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Carbonaceous Biochemical Oxygen Demand	6.0	1	1		mg/L
Dilution Factor	1				
Analyzed By	RHB				
Analysis Date/Time	6/13/2024 13:30				

Analytical Services Corporation
921 Hospital Drive, Niceville Florida 32578
(850) 678-5313 F: (850) 678-5063

Client: City of Destin
Lab ID: AS24JUN12-004-004
Recv By: Riley Bell
Recv Dt: 6/12/2024 2:40 PM

Client Sample ID: 12A
Collection Date: 6/12/2024 10:57 AM
Matrix: AQUEOUS-Saline
Sampler: Natalie Sullivan

Analyses

Enterococci in Water by SM 9230 D

SM 9230 D (2013) Enterolert

Batch: A-061424-007

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Enterococci	20.0	1	1		#org/100ml
Dilution Factor	1				
Analyzed By	RHB/NS				
Analysis Date/Time	06/12/2024 15:15				

Fecal Coliforms

SM 9221 E (2014)

Batch: A-061424-008

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Fecal Coliforms	130	1.8	1.8		MPN/100 mL
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Total Coliforms

SM 9221 B (2014)

Batch: A-061424-009

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Coliforms	170	1.8	1.8		MPN/100 mL
Dilution Factor	1				
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Carb. Biochemical Oxygen Demand (CBOD) 5 Day

SM 5210 B (2016)

Batch: A-061324-005

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Carbonaceous Biochemical Oxygen Demand	6.0	1	1		mg/L
Dilution Factor	1				
Analyzed By	RHB				
Analysis Date/Time	6/13/2024 13:30				

Analytical Services Corporation
921 Hospital Drive, Niceville Florida 32578
(850) 678-5313 F: (850) 678-5063

Client: City of Destin

Lab ID: AS24JUN12-004-005

Recv By: Riley Bell

Recv Dt: 6/12/2024 2:40 PM

Client Sample ID: 11A

Collection Date: 6/12/2024 10:36 AM

Matrix: AQUEOUS-Saline

Sampler: Natalie Sullivan

Analyses

Enterococci in Water by SM 9230 D

SM 9230 D (2013) Enterolert

Batch: A-061424-007

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Enterococci	10.0	1	1		#org/100ml
Dilution Factor	1				
Analyzed By	RHB/NS				
Analysis Date/Time	06/12/2024 15:15				

Fecal Coliforms

SM 9221 E (2014)

Batch: A-061424-008

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Fecal Coliforms	12	1.8	1.8		MPN/100 mL
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Total Coliforms

SM 9221 B (2014)

Batch: A-061424-009

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Coliforms	130	1.8	1.8		MPN/100 mL
Dilution Factor	1				
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Carb. Biochemical Oxygen Demand (CBOD) 5 Day

SM 5210 B (2016)

Batch: A-061324-005

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Carbonaceous Biochemical Oxygen Demand	4.0	1	1		mg/L
Dilution Factor	1				
Analyzed By	RHB				
Analysis Date/Time	6/13/2024 13:30				

Analytical Services Corporation
921 Hospital Drive, Niceville Florida 32578
(850) 678-5313 F: (850) 678-5063

Client: City of Destin

Client Sample ID: 4B

Lab ID: AS24JUN12-004-006

Collection Date: 6/12/2024 10:21 AM

Recv By: Riley Bell

Matrix: AQUEOUS-Saline

Recv Dt: 6/12/2024 2:40 PM

Sampler: Natalie Sullivan

Analyses

Enterococci in Water by SM 9230 D

SM 9230 D (2013) Enterolert

Batch: A-061424-007

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Enterococci	1	1	1	U	#org/100ml
Dilution Factor	1				
Analyzed By	RHB/NS				
Analysis Date/Time	06/12/2024 15:15				

Fecal Coliforms

SM 9221 E (2014)

Batch: A-061424-008

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Fecal Coliforms	14	1.8	1.8		MPN/100 mL
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Total Coliforms

SM 9221 B (2014)

Batch: A-061424-009

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Coliforms	110	1.8	1.8		MPN/100 mL
Dilution Factor	1				
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Carb. Biochemical Oxygen Demand (CBOD) 5 Day

SM 5210 B (2016)

Batch: A-061324-005

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Carbonaceous Biochemical Oxygen Demand	6.0	1	1		mg/L
Dilution Factor	1				
Analyzed By	RHB				
Analysis Date/Time	6/13/2024 13:30				

Analytical Services Corporation
921 Hospital Drive, Niceville Florida 32578
(850) 678-5313 F: (850) 678-5063

Client: City of Destin

Lab ID: AS24JUN12-004-007

Recv By: Riley Bell

Recv Dt: 6/12/2024 2:40 PM

Client Sample ID: 6B

Collection Date: 6/12/2024 10:15 AM

Matrix: AQUEOUS-Saline

Sampler: Natalie Sullivan

Analyses

Enterococci in Water by SM 9230 D

SM 9230 D (2013) Enterolert

Batch: A-061424-007

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Enterococci	1	1	1	U	#org/100ml
Dilution Factor	1				
Analyzed By	RHB/NS				
Analysis Date/Time	06/12/2024 15:15				

Fecal Coliforms

SM 9221 E (2014)

Batch: A-061424-008

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Fecal Coliforms	31	1.8	1.8		MPN/100 mL
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Total Coliforms

SM 9221 B (2014)

Batch: A-061424-009

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Coliforms	31	1.8	1.8		MPN/100 mL
Dilution Factor	1				
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Carb. Biochemical Oxygen Demand (CBOD) 5 Day

SM 5210 B (2016)

Batch: A-061324-005

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Carbonaceous Biochemical Oxygen Demand	4.0	1	1		mg/L
Dilution Factor	1				
Analyzed By	RHB				
Analysis Date/Time	6/13/2024 13:30				

Analytical Services Corporation
921 Hospital Drive, Niceville Florida 32578
(850) 678-5313 F: (850) 678-5063

Client: City of Destin

Client Sample ID: 7

Lab ID: AS24JUN12-004-008

Collection Date: 6/12/2024 10:00 AM

Recv By: Riley Bell

Matrix: AQUEOUS-Saline

Recv Dt: 6/12/2024 2:40 PM

Sampler: Natalie Sullivan

Analyses

Enterococci in Water by SM 9230 D

SM 9230 D (2013) Enterolert

Batch: A-061424-007

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Enterococci	1	1	1	U	#org/100ml
Dilution Factor	1				
Analyzed By	RHB/NS				
Analysis Date/Time	06/12/2024 15:15				

Fecal Coliforms

SM 9221 E (2014)

Batch: A-061424-008

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Fecal Coliforms	13	1.8	1.8		MPN/100 mL
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Total Coliforms

SM 9221 B (2014)

Batch: A-061424-009

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Total Coliforms	110	1.8	1.8		MPN/100 mL
Dilution Factor	1				
Analyzed By	NS				
Analysis Date/Time	06/12/2024 14:50				

Carb. Biochemical Oxygen Demand (CBOD) 5 Day

SM 5210 B (2016)

Batch: A-061324-005

Run: 1

	<u>Result</u>	<u>Detection Limit</u>	<u>Reporting Limit</u>	<u>Qual</u>	<u>Unit</u>
Carbonaceous Biochemical Oxygen Demand	4.0	1	1		mg/L
Dilution Factor	1				
Analyzed By	RHB				
Analysis Date/Time	6/13/2024 13:30				

Data Qualifier	Qualifier Definition
B	Results based upon colony counts outside the acceptable range. Applies to microbiological tests and specifically to membrane filter colony counts. It is to be used if the colony count is generated from a plate in which the total number of colonies is outside the method indicated ideal range.
D	Measurement was made in the field.
E	Extra samples were taken at composite stations
G	Analyte was detected in both the sample and the associated field, equipment, or trip blank.
H	Value based on field kit determination; results may not be accurate.
I	The reported value is between the laboratory MDL and the laboratory PQL.
J	This qualifier is used when a QC sample does not meet the requirements in the method (ie: duplicate, spike, or control). There will always be a comment explained in the details. Laboratory does not feel that the sample results are compromised.
K	Off-scale low. Actual value is known to be less than the value given.
L	Off-scale high. Actual value is known to be greater than value given.
M	Chemical Analysis: Presence of material is verified but not quantified; the actual value is less than the value given. The reported value shall be the laboratory practical quantitation limit. Species: Male sex
N	Presumptive evidence of presence of material
O	Sampled, but analysis was lost during sample preparation or sample analysis
Q	Sample is either received or analyzed after the holding time. An explanation will be included if the laboratory is at fault.
R	Significant rain in the past 48 hours.
S	Secchi disk visible to bottom of waterbody. The value reported is the depth of the waterbody at the location of the Secchi disk measurement.
T	Value reported is less than the laboratory method detection limit. The value is reported for informational purposes, only and shall not be used in statistical analysis.
U	Compound was analyzed for but not detected.
V	Analyte was detected in both the sample and the associated method blank.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample. The data may not be accurate.
Z	Too many colonies were present for accurate counting (TNTC), the numeric value shall be estimated from the highest dilution factor (smallest sample volume) used for the test and reported with the qualifier code.
?	Data is rejected and should not be used. Some or all of the quality control data for the analyte were outside criteria, and the presence or absence of the analyte cannot be determined from the data.
*	Not analyzed due to interference.
!	Data deviates from historically established concentration ranges.
•	Not analyzed due to high chlorine content or matrix interference

For more detailed information see: Florida Administrative Code rule chapter 62-160 Table 62-160.700.
 History–New 1-1-91, Amended 2-4-93, 2-27-94, Formerly 17-160.700, Amended 3-24-96, 4-9-02, 6-8-04, 12-3-08, 7-30-14.

Analytical Services Corporation
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921 Hospital Drive * Niceville, FL 32578
(850) 678-5313 * Fax (850) 678-5063
nicevillelab@hotmail.com

AS24JUN 12-004
CHAIN OF CUSTODY RECORD

27818

Company Name/Client Name <u>City of Destin</u>		Project Name <u>Destin Harbor</u>		Sample # Container #	
Company Address		Lab Dispose ☐ Return to Client ☐ Other ☐		Check if Rush Date Required	
City, State, Zip		Analysis Requested		Special Instructions	
Send Report To: <u>Troy Williams</u>		P.O. #			
Copy To DEP / DOH (circle one) Yes ☐ No ☐		Field Data		Preservative Codes	
Phone # <u>8508421834</u> Fax # Fax Results Yes ☐ No ☐		Preservatives Containers		A - Ammonium Chloride C - Cool Only H - Hydrochloric Acid M - Monochloroacetic Acid N - Nitric Acid OH - Sodium Hydroxide S - Sulfuric Acid T - Sodium Thiosulfate Z - Zinc Acetate	
Sampling Date <u>6/12/14</u> Time <u>1130</u>		Analysis Requested <u>CBOD</u> <u>Chlorophyll A</u> <u>TP, NH3</u> <u>Cl-</u> <u>TKN, NO2, NO3</u> <u>Total / Fecal</u> <u>Enteric</u>		Free CL2 Total CL2 pH	
Type Matrix C G W S o r a l W m a t r i x S p b r e i S		Temp		Container Codes V - VOA vial G - glass P - plastic M - micro bag/cup O - Other	
Sample Site (Be Specific) <u>1A</u> <u>1C</u> <u>2</u> <u>12A</u> <u>11A</u> <u>413</u> <u>1015</u> <u>1010</u> <u>7</u>		Temp			
Sampled By & Title <u>Natalie</u>		Relinquished By <u>Natalie Sullivan</u>		Date / Time <u>6/12/14</u> <u>1440</u>	
Received By		Relinquished By		Date / Time	
Received By		Relinquished By		Date / Time	
Received in Lab By <u>Kelly Bell</u>		Shipped Via UPS BUS HAND FEDEX OTHER		Temperature at °C Received in Lab: DT-8530: Infrared Thermometer #882743 Measured <u>3.6°C</u> Corrected <u>3.6°C</u>	
Remarks		Distribution: Original - LAB Yellow - CLIENT			

18 April 2023 Author: T. Jackson