July 9, 2019

Upland Component of Project

The floating dock, functioning as a wave attenuator, will be attached to the highland using a covered pier that matches the other 15 piers located at Brunswick Landing Marina and will be supported using sixteen (16) 12" CCA-treated southern yellow pine pilings spaced every eight (8) feet, with 4" x 8" crossed braces between each set of piles. The pier will be ± 10' wide and ± 62' long, located ± 10' off the southern property line. The pier will be partially covered with a corrugated metal roof matching the existing corrugated metal roof structures on the other marina piers. The pier itself will be constructed of pressure treated yellow pine.

An eight-foot wide concrete sidewalk will connect the pier to the existing sidewalk on the north side of the southern bath house. The sidewalk will be ± 72' in length.

Above referenced dimensions, along with additional information, is depicted in the attached survey by Shupe Surveying Company, P.C.

All activities will be performed in a manner to minimize turbidity in the stream. There will be no oils or other pollutants released from the proposed activities which will reach the stream. All work performed during construction will be done in a manner to prevent interference with any legitimate water uses.

Sincerely,

Robert M. Torras, Jr.

Robert M. Torras, Jr.
Vice President
Brunswick Landing Marina, Inc.
(912) 222 6222
bobjr@brunswicklandingmarina.com

July 9, 2019

Public Interest Statement

We are applying for a Georgia Coastal Marshland Protection Act permit to build a floating dock, functioning as a wave attenuator, south of Dock #1 at Brunswick Landing Marina in Brunswick, GA. This is our Public Interest Statement.

- This protect will not cause harmful obstruction to, or alter the natural flow of, navigational water within this area.
- This project will not cause harmful erosion, shoaling of channels, or create stagnant areas of water.
- The granting of a permit, and the completion of our proposal, will not interfere with the conservation of fish, shrimp, oysters, crabs, clams, or other marine lift, wildlife, or oxygen supply.

We appreciate your working with us on this project and area available if you have any questions.

Sincerely,

Robert M. Torras, Jr.

Robert M. Torras, Jr.
Vice President
Brunswick Landing Marina, Inc.
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July 9, 2019

Project Summary: Applicant proposes to install a floating dock, functioning as a wave attenuator, at the Brunswick Landing Marina on the Academy Creek. This dock will provide the protection that is needed to protect the floating administration office, boats, fuel, and pump-out facilities located on Dock 1.

The proposed structure will extend from MLW an estimated 282-feet and will be 10-feet wide and include five (5) fingers on the north side measuring 4' x 50' each. The floating concrete docks will be anchored to the river bottom using 12" and 14" 8-wire prestressed 6,000 PSI concrete piles. The structure will be constructed of concrete floating docks, each measuring 10-feet x 10-feet. It is proposed that the floats will be attached to each other with two 2x10 whalers sandwiching the floats using galvanized threaded rods to hold them together. Construction will be performed using a crane from a floating barge. The floating structure will be attached to the highland using a covered pier to match the other 15 docks located at the marina. This covered pier is estimated to be roughly 10' x 60' with a galvanized powder coated sheet metal roof.

The floating dock, functioning as a wave attenuator, will begin ±50-feet from MLW on the east side of Academy creek, 10-feet north of the southern property line of Brunswick Landing Marina, Inc, and extend into the waterway for 282-feet. This length is imperative to the functionality of the wave attenuator to provide protection for vessels located on the outside of the T-head of Dock 1, the marina's largest face dock. The proposed wave attenuator will not extend into the navigable channel as the "Second Ave to Mayors Pt" channel is terminated at Mary Ross Park, ±500-feet south of the project area.

There is ±900-feet from MLW to MLW, providing ample room for maneuverability and navigation in the waterway. The waterway at this located at MLW has a depth of ±36-feet according the Army Corps of Engineers "Report of Channel Conditions" dated April 7, 2017.

The nearest structure to the north is 181-feet, to the west 3-miles, to the south 30-feet, and to the east 60-feet.

Above referenced dimensions, along with additional information, is depicted in the attached survey by Shupe Surveying Company, P.C.

All activities will be performed in a manner to minimize turbidity in the stream. There will be no oils or other pollutants released from the proposed activities which will reach the stream. All work performed during construction will be done in a manner to prevent interference with any legitimate water uses.

Sincerely,

Robert M. Torras, Jr.

Robert M. Torras, Jr.
Vice President
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July 9, 2019

Needs Assessment

Brunswick Landing Marina is protected on three sides by land but is vulnerable to wind and wave action from the SSW.

During Topical Storm Hermine, our southernmost dock was substantially damaged due to 2-3' waves which caused $500,000+ in damages. This dock has fuel lines, sewage lines, and the marina's dock office and must be protected at all costs. When large storms approach, we are forced to vacate the entirety of the dock, including all boats and all office materials, and shut down the power and fueling systems. This completely suspends business operations until the storm passes.

During Tropical Storm Hermine, the docks to the north of Dock 1 remained calm and virtually untouched by any wave action. After witnessing this, we have designed this floating dock to function as a wave attenuator in an effort to protect our customer's vessels, the fueling facilities, the pump out system, and the Dock Office.

Sincerely,

Robert M. Torras, Jr.

Robert M. Torras, Jr.
Vice President
Brunswick Landing Marina, Inc.
(912) 222 6222
bobjr@brunswicklandingmarina.com

July 9, 2019

Landfill or Hazardous Waste Statement

We are applying for a Georgia Coastal Marshland Protection Act permit to build a floating dock, functioning as a wave attenuator, south of Dock #1 at Brunswick Landing Marina in Brunswick, Georgia. This is our Landfill or Hazardous Waste Statement.

- We have made inquiry to the appropriate authorities, and our proposed project is not over a landfill or hazardous waste site and the site is suitable for the proposed project.

We appreciate your working with us on this project and are available if you have any other questions.

Sincerely,

Robert M. Torras, Jr.

Robert M. Torras, Jr.
Vice President
Brunswick Landing Marina, Inc.
(912) 222 6222
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July 9, 2019

Erosion and Sedimentation Statement

We are applying for a Georgia Coastal Marshland Protection Act permit to build a floating dock, functioning as a wave attenuator, south of Dock #1 at Brunswick Landing Marina in Brunswick, GA. This is our Erosion and Sedimentation Statement.

Our project will be conducted in compliance with applicable erosion and sedimentation control responsibilities. This project has not upland impact other than a pier for mounting the ramp and a sidewalk to access to existing parking area.

We appreciate your working with us on this project and area available if you have any questions.

Sincerely,

Robert M. Torras, Jr.

Robert M. Torras, Jr.
Vice President
Brunswick Landing Marina, Inc.
(912) 222 6222
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July 9, 2019

Alternate Analysis Statement

We are applying for a Georgia Coastal Marshland Protection Act permit to build a floating dock, functioning as a wave attenuator, south of Dock #1 at Brunswick Landing Marina in Brunswick, GA. This is our Alternate Analysis Statement.

- This dock, functioning as a wave attenuator, can only be built to the south of our Dock 1 to perform its necessary functions.
- We should be granted this permit so that the vessels belonging to over 300 boat owners and our dock facility can be further protected from the catastrophic winds and wave action resulting from hurricanes. During Tropical Storm Hermine, Dock 1 sustained over $500,000 in damages that this dock, functioning as a wave attenuator, could have prevented.
- This project is dependent on water.
-

We appreciate your working with us on this project and area available if you have any questions.

Sincerely,

Robert M. Torras, Jr.

Robert M. Torras, Jr.
Vice President
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