



STATE OF MISSISSIPPI

PHIL BRYANT
GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

GARY C. RIKARD, EXECUTIVE DIRECTOR

July 25, 2016

City of Bay St. Louis
Mayor Les Fillingame
Post Office Box 2550
Bay St. Louis, Mississippi 39521

Dear Mr. Fillingame:

Re: Bay St Louis, City of, Bay Marina
Hancock County
COE No. SAM-2009-01763-MJF
WQC No. WQC2009091

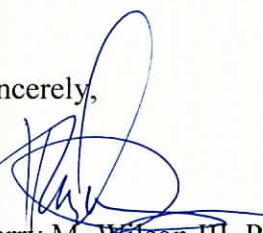
The Department of Environmental Quality understands the need for a Section 401 Water Quality Certification - Modification to the above referenced project. This modification includes changes to the breakwater structure adjacent to the harbor entrance. Please be advised the project description of the Section 401 Water Quality Certification has been modified to read as follows:

Bay St Louis, City of, Marina: to construct a recreational harbor which will provide approximately 208 boat slips within a protected basin. The harbor will include a sheltered basin, piers and walkways, sewer pump out facilities, fuel service and marine convenience store, and parking for users and visitors. The proposed action will entail creating / dredging a 150' by 4,100' (14.1 acres) channel to -8' below mean lower low water, and creating / dredging a 850' by 1,200' (23.4 acre) basin to -8 foot mean lower low water for a total of approximately 150,000 cubic yards of dredged material. The dredged material will be deposited on adjacent beaches, a Corps approved beneficial use area, and/or an upland disposal area. The applicant will straighten the shoreline and fill 2,777 square feet of water bottoms and cut of 12,817 square feet of water bottoms. The applicant will also construct a 985 linear foot concrete bulkhead along the western margin of the harbor, a 1,780 linear foot concrete pier/walkway/breakwater structure along the southern margin, a 160 linear foot breakwater along the eastern margin with concrete pipe piles with vinyl sheetpile panels. A 1,200' by 10' Rutherford Pier, will be re-constructed, which will include three (3) 40' by 10' fishing piers, three (3) 15' by 15' pavilions, one (1) 30' by 20' pavilion and three (3) 30' by 10' T-Head Piers, a 1,200 linear foot

vinyl sheetpile breakwater along the northern margin of the harbor, and an additional 60 linear feet of vinyl sheets. The orientation of the breakwater will be shifted to an east-northeast direction to maximize wave dampening effects. Within the harbor, five main piers will be constructed. Pier 1 will be 10-foot-wide and 750-foot-long and include six (6) 4' by 40' finger piers, and provide fourteen (14) 40' boat slips. A 60' by 155' deck platform for loading/unloading will also be constructed on Pier 1. Construction of this platform will require 11,730 square feet of fill and removal of approximately 13,635 square feet of material. Pier 2 will be 10' wide and 600' long, include thirteen (13) 4' by 35' finger piers and twelve (12) 4' by 40' finger piers, a 10' by 85' temporary lay-by pier on the northern end, and provide twenty-seven (27) 35' boat slips and twenty-six (26) 40' boat slips. Pier 3 will be 10' wide and 600' long, include twenty-two (22) 4' by 45' finger piers, a 10' by 100' temporary lay-by pier on the northern end, and provide forty-seven (47) 45' boat slips. Pier 4 will be 10' wide and 600' long, include nineteen (19) 4' by 50' finger piers, a 10' by 110' temporary lay-by pier on the northern end, and provide forty-one (41) 50' boat slips. Pier 5 will be 10' wide and 600' long, include eight (8) 4' by 50' finger piers and eight (8) 4' by 60' finger piers, a 10' by 120' temporary lay-by pier on the northern end, and provide eighteen (18) 50' boat slips and seventeen (17) 60' boat slips. Future build-out is designed for an additional nine (9) 4' by 60' finger piers off of the concrete pier/walkway/breakwater structure, and will provide eighteen (18) 60' boat slips. Each of the five (5) main piers will also include a 10' by 10' electrical platform. The fuel deck/pump-out facility walkway will be 25' in width with three (3) finger piers. The finger piers will each be 40 feet long by 6 feet wide. The applicant will also install 216 mooring piles and 10 channel marker/sign pilings. [SAM-2009-01736-MJF, WQC2009091].

Please be advised all the conditions of the Section 401 Water Quality Certification are unchanged. If we can be of further assistance, please contact Leah Drinnon of my staff at (601) 961-5520.

Sincerely,



Harry M. Wilson III, P.E., DEE
Chief, Environmental Permits Division

HMW: LD

cp: Maryellen J. Farmer, U.S. Army Corps of Engineers, Mobile District